

**Oracle® Retail CWDirect Order Management
System**
E-Commerce Manual
Release 18.0

August 2015

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Order Creation and Maintenance Errors

E-Commerce Summary

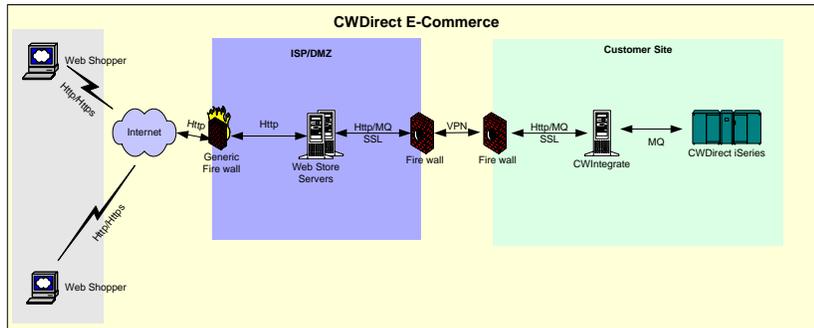
Purpose: E-Commerce integration allows you to transmit data between CWDirect and your web storefront. To set up the e-commerce integration you will need to understand:

- [E-Commerce Database](#): Provides a description of the database that is supplied with CWDirect to be used with a web storefront.
- [E-Commerce Messages](#): A layout and description of each of the messages transmitted between CWDirect and your web storefront.
- [Document Type Definition \(DTD\) Layouts](#): A layout of the DTD for each documented message.
- [Order Creation and Maintenance Errors](#): A listing of errors that might occur when creating or updating orders from the web storefront.

Note: The rebranding for the latest version of this document is in development as part of post MICROS acquisition activities. References to former MICROS product names may exist throughout this document.

Recommended Firewall Configuration for E-Commerce

MICROS recommends the use of firewalls to secure data passed between the iSeries and store servers, and between these servers and the web. The following chart illustrates recommended firewall configuration to support e-commerce integration using CWIntegrate.



E-Commerce Message Queues

Purpose: A series of WebSphere MQ queues are required to send and receive transactions between the web storefront and CWDirect.

- If you are using *Standard mode* processing, you will need to configure individual queues for each e-commerce job.
- If you are using *XML mode* processing, all messages are routed through the Message Controller input queue; however, you still need to configure individual queues for each e-commerce job.

Required Message Queues

The following table describes the various queues required for e-commerce processing.

Queue	Description	Default Name
Message Controller (To iSeries)	Sent to CWDirect to route all XML messages. Note: This queue is only required for XML mode.	RDC.INQ
Message Controller (From iSeries)	Sent from CWDirect to the web storefront to route all XML messages. Note: This queue is only required for XML mode.	RDC.OUTQ
New Order (To iSeries)	Sent to CWDirect to create a new order.	RDC.ORDER.IN
New Order Response (From iSeries)	Sent from CWDirect to the web storefront containing details about the newly created order.	ERDC.ORDER.IN

Queue	Description	Default Name
Payment (To iSeries)	Sent to CWDirect containing payment information for a just-created order.	RDC.PAYMENT.IN
Order Status (To iSeries)	Sent to CWDirect requesting information about an order.	RDC.ORDR.STATUS.IN
Order Status Response (From iSeries)	Sent from CWDirect with order information. The exact format depends on the information sent in the Order Status message.	ERDC.ORDR.STATUS.I N
Order List (To iSeries)	Sent to CWDirect requesting a list of orders for a customer.	RDC.ORDR.LIST.IN
Order List Response (From iSeries)	Sent from CWDirect containing a list of orders for a given customer.	ERDC.ORDR.LIST.IN
Catalog Request (To iSeries)	Sent to CWDirect containing a catalog request.	RDC.CATREQUEST.IN
Order Reject/Cancel (To iSeries)	Sent to CWDirect to signify that an order being processed should not be completed.	RDC.REJECT.IN
Name/Address Change (To iSeries)	Sent to CWDirect to change the name and address of a registered customer.	RDC.ADDRESS.IN
Return Request (To iSeries) Available in version: 4.01 of CWDirect or later	Sent to CWDirect to request a return transaction.	RDC.RETURNS.IN
Return Response (From iSeries) Available in version: 4.01 of CWDirect or later	Sent from CWDirect with return information, including information needed to generate a return label.	ERDC.RETURNS.IN
Cancel Request (To iSeries) Available in version: 4.01 of CWDirect or later	Sent to CWDirect requesting that a particular order be cancelled.	RDC.CANCEL.IN
Maintenance Request (To iSeries) Available in version: 4.01 of CWDirect or later	Sent to CWDirect to either request further information about an order (for maintenance) or to change an existing order.	RDC.MAINTENANCE.IN
Maintenance Response (From iSeries) Available in version: 4.01 of CWDirect or later	Sent from CWDirect containing more information about an order.	ERDC.MAINTENANCE.I N

Queue	Description	Default Name
Item Availability Request (To iSeries) Available in version: 5.01 of CWDirect or later	Sent to CWDirect to request item availability information.	RDC.AVAILABILITY.IN
Item Availability Response (From iSeries) Available in version: 5.01 of CWDirect or later	Sent from CWDirect to display the availability of an item.	ERDC.AVAILABILITY.IN
Inbound Order Message (To iSeries) Available in version: 7.0 of CWDirect or later	Sent to CWDirect to create a new order.	N/A (no default)
Outbound Order Response (From iSeries) Available in version: 7.0 of CWDirect or later	Sent from CWDirect with order information. The exact format depends on the information sent in the Order Status message.	N/A (no default)

MSMQ

If you are deploying your web site on a Windows NT/Windows 2000 platform using Microsoft Site Server 3.0 or Commerce Server 2000, you can use Microsoft Message Queue (MSMQ) instead of MQ Series/WebSphere MQ on your web platform. If so, you will need to use the MSMQ-MQ Series Bridge, included as part of Microsoft SNA Server 2.0, Service Pack 3 (for Windows NT) or Microsoft Host Integration Server 2000 (for Windows 2000).

If you have purchased the Site Server Integration, this is the messaging architecture used, and detailed instructions on configuring the MSMQ-MQ Series Bridge are including along with Site Server.

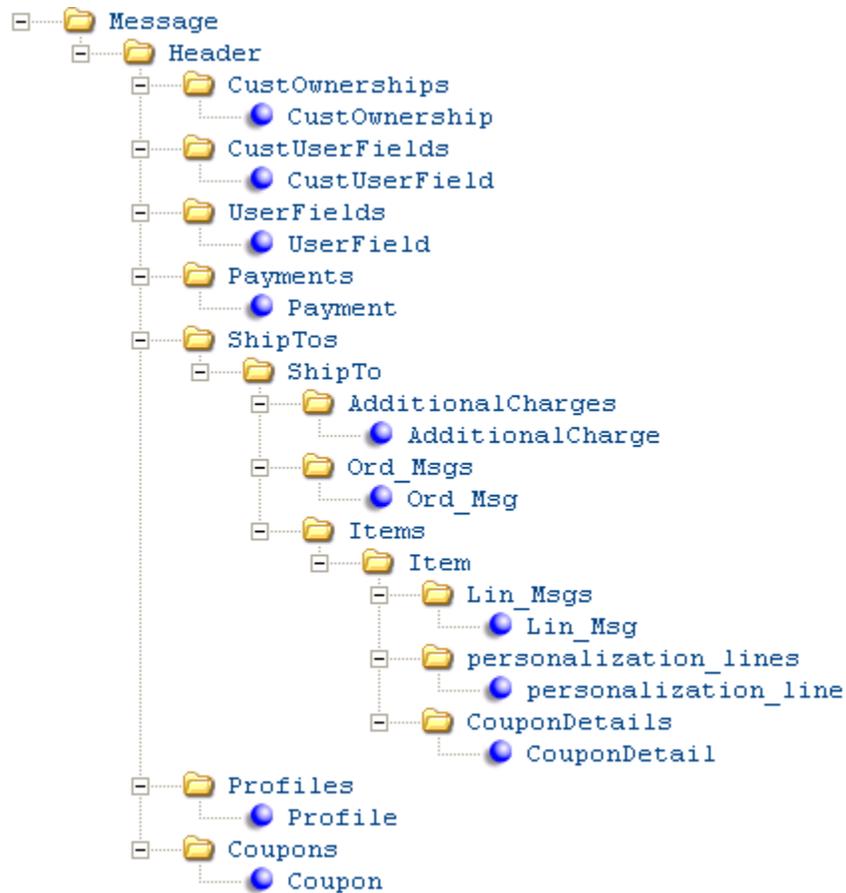
Order Interface XML Message Formats

In this topic:

- [Inbound Order XML Message \(CWORDERIN\)](#)
- [Inbound Order Message: Sample XML](#)
- [Detailed Order XML Response \(CWORDEROUT\)](#)
- [Detailed Order Response Message without Errors: Sample XML](#)
- [Detailed Order Response Message with Errors: Sample XML](#)
- [Order Acknowledgement XML Message \(CWORDEROUT\)](#)
- [Order Acknowledgement Message: Sample XMLs](#)

For more information: See the CWDirect **User Reference** for a complete discussion of the order API.

Inbound Order XML Message (CWORDERIN)



Important:

The maximum number of characters, including spaces, that an XML message may contain is 65,000. If the inbound order XML exceeds the maximum message length, the system will place the order in an error status and the order will contain no order detail lines. **Note:** An inbound order can contain between 176 and 200 lines before the maximum message length is reached.

Additionally:

- All numeric values with decimal positions should be passed as implied decimals. For example, a dollar value of \$10.00 should be passed as 1000.
- Do not pass an alphanumeric value in a numeric field; doing so will cause the CWORDER_IN process to go into a message wait status.

- Do not exceed the specified length of any numeric field; doing so will cause the value to be interpreted incorrectly.

Message Attribute	Alpha/numeric	Positions	Comments
Message One Message element is required.			
source	alphanumeric		IDC
target	alphanumeric		RDC
type	alphanumeric		CWORDERIN
resp_qmgr	alphanumeric	44	The MQ Series queue manager identified for the process queue in Working with Integration Layer Processes (IJCT).
resp_q	alphanumeric	44	The MQ Series queue identified for the process queue in Working with Integration Layer Processes (IJCT).
Header One header element is required.			
company_code	numeric	3	Identifies the company for the order. Validated against the Company file. Required.
order_number	alphanumeric	32	Updates the E-commerce order number in the Order Header Extended file. This field is labeled the <i>Web order number</i> at the Display Order Properties screen. Important: A unique order_number is required for every order received through the Inbound Order Message to avoid the risk of having an unaccepted order replaced when another order message is received. Include in payment-only message? When the order message includes just the payment information, the order API does not use the e-commerce order number to identify the order; instead, it uses the rdc_order_number to find the CWDirect order number, regardless of whether the message includes the e-commerce order number in the order_number attribute.
offer_id	alphanumeric	3	Not implemented.

Message Attribute	Alpha/numeric	Positions	Comments
payment_only	alphanumeric	1	Indicates whether the order message includes just the payment information for an order whose other information was sent on a previous message. Valid values are: Y = Payment information only N or blank = Not a payment-only message
source_code	alphanumeric	9	Updates the Source code field in the Order Header file. If this value exceeds the maximum length of 9 positions, it will be truncated. If no source code is specified here, but a line source code is specified for one of the Item lines on the order, this source code defaults; if there is more than one line_source_code specified, the first one on the order defaults; otherwise, the <i>Default Source for Internet Orders (E65)</i> defaults.
			If the order header source code matches the source code in the <i>Default Source for Internet Orders (E65)</i> system control value, the system updates the source code on the order header to the source code associated with the offer on the first order detail line.
response_type	alphanumeric	1	Indicates the type of response required. Valid values are: N or no response_type specified = No response Note: Use this setting when you send batched orders. See Batching Orders for more information. A = Acknowledge: Send Order Acknowledgement XML Message (CWORDEROUT) D = Details: Send Detailed Order XML Response (CWORDEROUT)

Message Attribute	Alpha/numeric	Positions	Comments
			<p>E = Errors: Send the Detailed Order XML Response (CWORDEROUT), including a listing of any errors found on the order. You would normally have the <i>Perform Order Edit Interactively (156)</i> system control value selected set to Y in order to see errors identified through the order edit.</p> <p>If payment information sent separately: When you receive the payment information separately from the rest of the order, the system always sends a response message upon receiving the first part of the order message. If the response_type is D or E, the system sends the detailed message; otherwise, if the response_type is A or N, or if no response_type is specified, the system sends the acknowledgement.</p>
order_date	numeric	8	Updates the Order date in the Order Header file. Displayed on the Order Inquiry Header screen (Sold To tab). MMDDYYYY format.
order_channel	alphanumeric	2	<p>Updates the Internet order field in the Order Header file.</p> <p>A value of I indicates an internet order. Internet orders are treated differently in evaluating orders for automatic email confirmations, authorizations, and determining whether the customer can maintain the order on the web storefront.</p> <p>A value of P indicates any other type of order. If the <i>order_channel</i> is P and the order is not part of a batch, the system places the order in the <i>Batch Number for Retail Channel Orders (178)</i> if it contains errors.</p> <p>If this value exceeds the maximum length of 2 positions, it will be truncated.</p>
customer_number	numeric	9	Updates the Customer # field in the Order Header file.

Message Attribute	Alpha/numeric	Positions	Comments
alternate_sold_to_id	alphanumeric	15	Used to identify the sold-to customer. Updates the Alternate customer # for the customer; see the <i>Alt cust #</i> field at the Second Create Customer Sold To screen (Marketing Details tab). The system also compares this number to the records in the Alternate Customer # Cross Reference file.
			<p>Online Cash Payment</p> <p>If the pay type on the order is an online cash pay type (the pay type defined in the Pay Type for Payment Processing (K16) system control value), the system does not update the primary alternate customer # for the customer. Instead, the system creates a new alternate customer number for the customer if the number does not already exist. This alternate customer number represents the account number assigned to the sold to customer in the online bill pay system. You can review this alternate customer number on the Work with Alternate Customer # screen.</p>
			<ul style="list-style-type: none"> • selectedIf the <i>Use President's Club Membership (H94)</i> system control value is unselectedset to N, the system updates this field, if provided, regardless of the setting of the sold to address update flag. • If the <i>Use President's Club Membership (H94)</i> system control value is selectedset to Y, the system uses the alternate customer number as part of President's Club assignment and matching.
prospect_id	alphanumeric	8	Used to identify the sold-to customer.
sold_to_prefix	alphanumeric	3	Maps to the Prefix field in the Customer Sold To file. If the <i>Validate Prefix (I27)</i> system control value is selected set to Y , the prefix is validated against the Prefix file. In this situation, if the customer's prefix is invalid, the order will be in error with a reason of Invalid Prefix Code (however, this message can also indicate a problem with the bill to prefix).

Message Attribute	Alpha/numeric	Positions	Comments
sold_to_fname	alphanumeric	15	Maps to the First name field in the Customer Sold To file.
sold_to_initial	alphanumeric	1	Maps to the Initial field in the Customer Sold To file.
sold_to_lname	alphanumeric	25	Maps to the Last name field in the Customer Sold To file. Note: If you change a customer address but do not specify either a last name or a sold_to_company, none of the changes specified for the Customer Sold To file will take place; however, updates to related files, such as the Customer Sold To Phone # or Customer Sold To Extended, will still take place.
sold_to_suffix	alphanumeric	3	Maps to the Suffix field in the Customer Sold To file.
sold_to_company	alphanumeric	30	Maps to the Company name field in the Customer Sold To file. If you change a customer address but do not specify either a sold_to_lname or a company, none of the changes specified for the Customer Sold To file will take place; however, updates to related files, such as the Customer Sold To Phone # or Customer Sold To Extended, will still take place.
sold_to_busres	alphanumeric	1	Maps to the Delivery code field in the Customer Sold To file. Valid values are: B = business R = residence If this value is not specified and you are creating or updating the customer address, the system uses the <i>Default Delivery Code for New Order Entry Customers (D13)</i> .
sold_to_address1	alphanumeric	32	Maps to the Street address field in the Customer Sold To file. If you enter PO box or P.O. box in this field, the system selects the <i>PO box</i> field for the customer. If you remove PO box or P.O. box from this field, the system unselects the <i>PO box</i> field for the customer.
sold_to_address2	alphanumeric	32	Maps to the Address line 2 field in the Customer Sold To file.

Message Attribute	Alpha/numeric	Positions	Comments
sold_to_address3	alphanumeric	32	Maps to the Address line 3 field in the Customer Sold To Extended file.
sold_to_address4	alphanumeric	32	Maps to the Address line 4 field in the Customer Sold To Extended file.
sold_to_apartment	alphanumeric	10	Maps to the Apartment field in the Customer Sold To file.
sold_to_city	alphanumeric	25	Maps to the City field in the Customer Sold To file.
sold_to_state	alphanumeric	2	Maps to the State field in the Customer Sold To file.
sold_to_zip	alphanumeric	10	Maps to the Zip field in the Customer Sold To file. If the SCF related to the zip code is invalid, the order will be in error with a reason of <i>SCF not Found</i> (however, this message can also indicate a problem with the bill to zip).
sold_to_country	alphanumeric	3	Maps to the Country field in the Customer Sold To file. If no country code is specified here, the <i>Default Country for Customer Address (B17)</i> defaults when you are creating a new customer or updating an existing customer. If the country is invalid, the order will be in error with a reason of <i>Country Not Found</i> (however, this message can also indicate a problem with the bill to country).
sold_to_email	alphanumeric	50	If the sold_to_email_update flag is set to Y , updates an existing customer's email address at the customer sold-to level, and primary email address in the Customer Sold To Email file. If the email address is not properly formatted, the order will be in error.
sold_to_email_update	alphanumeric	1	If set to Y , indicates whether to update an existing customer's primary email address. When you update the email address, the new email address is added to the Customer Sold To Email file, and is flagged as the primary email address.

Message Attribute	Alpha/numeric	Positions	Comments
sold_to_day_phone	alphanumeric	14	<p>Used to identify the sold-to customer. The phone number should be unformatted; or, if it is formatted, it should be correctly formatted based on the phone number formatting specified for the customer's country to create, match, or update the customer correctly.</p> <p>The system updates these phone numbers, if provided, regardless of the setting of the sold to address update flag (provided it did not select the customer based on name/address or phone number information).</p>
sold_to_eve_phone	alphanumeric	14	
sold_to_fax_phone	alphanumeric	14	<p>The third (fax or mobile) phone number. Updates the fax number for the customer; see the <i>Fax</i> field at the Second Create Customer Sold To screen (Marketing Details tab). The phone number should be unformatted; or, if it is formatted, it should be correctly formatted based on the phone number formatting specified for the customer's country to create, match, or update the customer correctly.</p> <p>The system updates this field, if provided, regardless of the setting of the sold to address update flag (provided it did not select the customer based on name/address or phone number information).</p> <p>The third number is displayed on screens and reports as the fax or mobile number, based on the setting of the Third Phone Number Type (L53) system control value.</p>
sold_to_opt_in	alphanumeric	2	<p>Updates the Opt-in out setting for the customer's primary email address; see the <i>Opt in/opt out</i> field at the First Create Sold To Customer screen (Address tab). The system updates this field, if provided, regardless of the setting of the sold to address update flag. If no value is specified in the message and you are creating a new customer, the <i>Default Opt In/Opt Out Flag (G97)</i> defaults.</p>

Message Attribute	Alpha/numeric	Positions	Comments
sold_to_address_update	alphanumeric	1	Indicates whether to update an existing Customer Sold To with name and address information in the message. Valid values are: Y = Update the existing Customer Sold To Note: If you have this flag set to Y , it is important that the message include all required information for the customer sold to record; otherwise, the update will produce an error if a required field is blank or invalid. N = Do not update the Customer Sold To Note: The system checks this setting only if name and address information is provided in the message.
affluence Indicator	alphanumeric	1	Identifies high income and high purchase customers. You can use this information to offer these cardholders additional benefits and include them in targeted marketing campaigns. A = Affluent, indicating the customer is a high income-high spending consumer. M = Mass Affluent, indicating the customer is a high income consumer. Updates the <i>Affluence Indicator (CST Future Use STS 2)</i> field in the Customer Sold To file; if a value other than A or M is passed, the system ignores it. Available in XML version: 7.0 (version 14.0 of CWDirect).
allow_rent	alphanumeric	1	Updates the Rent flag for the customer; see the <i>Rent</i> flag at the First Create Sold To Customer screen (Address tab). The system updates this field, if provided, regardless of the setting of the sold_to_address_update flag. If no value is specified in the message and you are creating a new customer, the <i>Default Rent Name (D11)</i> defaults.
allow_email	alphanumeric	1	This field is not currently implemented.

Message Attribute	Alpha/numeric	Positions	Comments
allow_mail	alphanumeric	1	Updates the Mail flag for the customer; see the <i>Mail</i> flag at the First Create Sold To Customer screen (Address tab). The system updates this field, if provided, regardless of the setting of the sold to address update flag. If no value is specified in the message and you are creating a new customer, the <i>Default Mail Name (D10)</i> defaults.
nbr_ship_tos	numeric	5	The total number of shipping addresses included in the order message. Not currently implemented; the system updates the order with the actual number of ship-tos created for the order.
pay_incl	alphanumeric	1	Indicates whether the message includes payment method information. If the payment method information will be sent in a separate message, the order remains suspended until the payment method message is received. If the system receives another order for the same customer before payment information is received for the first order, the first order is deleted and replaced with the second order. Valid values are: Y = payment method information is included in the message, or this is a payment-only message Note: If this flag is set to Y but there is no payment information, the system creates a blank payment method on the order (pay type = 0) and puts the order in error status. N = payment information will be sent in a separate message. Note: If this flag is set to N , no payment methods will be added to the order even if the information is included in the message.
Note: If any of the information provided for the individual is invalid, the order will be in error with a reason of <code>Placer Invalid</code> .			
ind_number	numeric	3	
ind_dept	alphanumeric	3	
ind_position	alphanumeric	3	
ind_prefix	alphanumeric	3	
ind_fname	alphanumeric	15	

Message Attribute	Alpha/numeric	Positions	Comments
ind_initial	alphanumeric	1	
ind_lname	alphanumeric	25	
ind_suffix	alphanumeric	3	
ind_day_phone	alphanumeric	14	The phone number should be unformatted; or, if it is formatted, it should be correctly formatted based on the phone number formatting specified for the customer's country to create, match, or update the customer correctly. The third number is displayed on screens and reports as the fax or mobile number, based on the setting of the Third Phone Number Type (L53) system control value.
ind_eve_phone	alphanumeric	14	
ind_fax_phone	alphanumeric	14	
ind_email_address	alphanumeric	50	If the <i>Default Individual Email Address (J17)</i> system control value is selectedset to Y , and an order_email is not specified, the system defaults the individual's email address to the <i>Order email address</i> field on the order.
ind_opt_in	alphanumeric	2	If you do not specify a setting here, the OptIn setting for the individual defaults from the <i>Default Opt In/Opt Out Flag (G97)</i> system control value.
ind_mail_flag	alphanumeric	1	If you do not specify a setting here, the Mail flag for the individual will be blank.
ind_rent_flag	alphanumeric	1	If you do not specify a setting here, the Rent flag for the individual will be blank.
bill_to_number	numeric	7	Updates the CBT Account # field in the Order Header file. Note: <ul style="list-style-type: none"> The system does not update an existing bill-to customer through the Inbound Order Message. Having the <i>Create/Assign Bill To Customers in Order Entry (A76)</i> system control value unselectedset to Y does not prevent you from specifying an existing bill-to here and assigning it to the order.
alternate_bill_to_id	alphanumeric	15	Not currently implemented.

Message Attribute	Alpha/numeric	Positions	Comments
Note:			
<ul style="list-style-type: none"> If bill-to name and address information is specified in the following attributes, it is used to create a new bill-to customer (A/R account) and assign it to the order. If you are creating a new bill-to customer, but the bill-to information provided does not specify a complete, valid bill-to name and address, the order will be in error. The bill-to information, if any, provided in the following attributes is used on the order, regardless of whether the customer sold-to is already assigned to another bill-to. When the system creates a new bill-to based on the sold-to information in the message and the customer sold-to is not already assigned to a bill-to, the sold-to will be assigned to that bill-to, regardless of the setting of the <i>Update Customer Sold to with Bill to Account Number for New E-Commerce Orders (H87)</i> system control value. . If any of the bill-to information in the message is invalid, the order will be in error with a reason of <code>Invalid Bill to Address</code>. 			
bill_to_prefix	alphanumeric	3	
bill_to_fname	alphanumeric	15	
bill_to_initial	alphanumeric	1	
bill_to_lname	alphanumeric	25	
bill_to_suffix	alphanumeric	3	
bill_to_company_name	alphanumeric	30	
bill_to_address1	alphanumeric	32	
bill_to_address2	alphanumeric	32	
bill_to_address3	alphanumeric	32	
bill_to_address4	alphanumeric	32	
bill_to_apt	alphanumeric	10	
bill_to_city	alphanumeric	25	
bill_to_state	alphanumeric	2	
bill_to_zip	alphanumeric	10	
bill_to_country	alphanumeric	3	Required.
bill_to_email	alphanumeric	50	

Message Attribute	Alpha/numeric	Positions	Comments
bill_to_day_phone	alphanumeric	14	The phone number should be unformatted; or, if it is formatted, it should be correctly formatted based on the phone number formatting specified for the bill-to customer's country to create, match, or update the customer correctly. The third number is displayed on screens and reports as the fax or mobile number, based on the setting of the Third Phone Number Type (L53) system control value.
bill_to_eve_phone	alphanumeric		
bill_to_fax_phone	alphanumeric		
bill_to_print_statement	alphanumeric	1	
user_hold_reason	alphanumeric	2	Updates the <i>Hold reason</i> field in the Order Header file, displayed at the Order Inquiry Header screen (Sold To tab) and puts the order on hold. Defined in and validated against the Order Hold Reason file. If this value exceeds the maximum length of 2 positions, it will be truncated.
batch_number	numeric	12	Must be a number that has not yet been used for an order batch. When the system receives the beginning order for a batch it confirms that the batch number does not exist in the Used Phone Batch file.
batch_date	alphanumeric	8	Updates the <i>Batch date</i> in the Order Batch file. MMDDYYYY format. Indicates the date of the batch, as displayed at the Work with Order Batches screen. Specify this date for the first order in the batch.
batch_beg_end_flag	alphanumeric	1	Indicates when a batch begins or ends; otherwise, this value should be blank. Valid values are: B = Begin batch; required for the first order in a batch. E = End batch: required for the last order in a batch.

Message Attribute	Alpha/numeric	Positions	Comments
approve_batch	alphanumeric	1	Indicates whether to automatically approve the batch and put the orders in open or held status once the last order in the batch is received, or to leave the orders in suspended status pending approval of the batch. Set this flag for the last order in the batch; otherwise, leave it blank. Valid values are: Y = Process the batch N = Do not process the batch
batch_order_count	numeric	5	Indicates the number of orders in the batch, as displayed at the Work with Order Batches screen. The batch will be out of balance if the number of orders received for the batch is not the same as this value. Specify this quantity for the first order in the batch.
batch_qty_count	numeric	7	The total order line quantity of all orders in the batch, as displayed in the <i># of units</i> field at the Change Order Batch screen. The batch will be out of balance if the total number of units is not the same as this value. This quantity should be specified for the first order in the batch. Specify this quantity for the first order in the batch.
batch_prepaid_total	numeric	9.2	Updates the Actual \$ received field in the Order Batch file. The total amount of cash payments for all orders in the batch. This amount should be specified for the first order in the batch. Specify this total for the first order in the batch.

Message Attribute	Alpha/numeric	Positions	Comments
order_type	alphanumeric	1	<p>Updates the Order type field in the Order Header file. Defined in and validated against the Order Type file. If this value exceeds the maximum length of one position, it will be truncated.</p> <p>If no order_type is specified here, the system uses the <i>E-Commerce Order Type (G42)</i>.</p> <p>If the <i>Retail warehouse</i> field for the order type contains a non-allocatable warehouse and the <i>Reserve from Non-Allocatable Warehouse (J25)</i> system control value is selected set to Y, the system allows you to reserve inventory against the non-allocatable warehouse defined for the order type.</p> <p>Cannot match the retail pickup or delivery order types.</p>
sales_rep_number	numeric	7	Updates the Salesman # field in the Order Header file.
sales_rep_name	alphanumeric	30	
entered_by_user	alphanumeric	10	Updates the USR user field in the Order Header file, labeled <i>Entered by</i> at the Display Order Properties screen. If no user is specified in the message, this field will be set to *DEFAULT . If this entry exceeds the maximum length of 10 positions, it will be truncated.

Message Attribute	Alpha/numeric	Positions	Comments
customer_class	alphanumeric	2	Updates the Customer class for the customer; see the <i>Class</i> field at the First Create Sold To Customer screen (Address tab). The system updates this field, if provided, regardless of the setting of the sold_to_address_update flag. If no customer_class is provided in the Inbound Order Message, the system uses the <i>Default Customer Class in Order Entry (D63)</i> . If there is no customer_class in the message, no default customer class specified in the system control value, and the <i>Require Customer Class in OE, WCAT, and WCST (H85)</i> system control value is selected set to Y , the order will be in error with a reason of Invalid/Missing Cust Cls.
order_email	alphanumeric	50	Updates the order-level email address. If no order_email is provided, the system uses the: <ul style="list-style-type: none"> ind_email_address or existing email address for the placer on the order if the <i>Default Individual Email Address (J17)</i> system control value is selected set to Y sold_to_email or existing primary email address for the sold-to customer
bill_to_opt_in	alphanumeric	2	The setting of the <i>OptIn</i> flag for the bill-to customer.
rdc_order_nbr	numeric	9	Indicates the order number to update when the payment information is sent separately from the rest of the order. A payment-only message must use the rdc_order_nbr to specify a valid order number.
enter_date	numeric	8	Updates the Entered date in the Order Header file. MMDDYYYY format.
enter_time	numeric	6	Entered time in the Order Header file, which you can review at the Display Order Properties screen.

Message Attribute	Alpha/numeric	Positions	Comments
ip_addr	alphanumeric	15	<p>Updates the <i>IP address</i> in the Order Header Extended file, displayed at the Display Order Properties screen.</p> <p>IP address validation: If the IP address is invalid, the system writes an Order Transaction History message such as INVALID IP ADDRESS: 1.2.3 where 1.2.3 represents the invalid IP address received, and does not update this field. The IP address is made up of a series of four numbers separated by three periods (for example, 12.34.234.8). Each number between the periods must be from 1 to 255. The IP address must:</p> <ul style="list-style-type: none"> • not include any non-numeric characters besides the periods • not include any blank spaces • include all three periods • include all four numbers, each from 1 to 255
			<p>Fraud checking: If the IP address received matches an entry in the Miscellaneous Fraud file, the system puts the order on IP (IP address) hold and writes a message reading SYS HLD---IP ADDRESS HOLD to the Order Transaction History file.</p> <p>Available in XML version: 2.0 (release 8.0 of CWDirect).</p>
auto_renew	alphanumeric	1	<p>Indicates whether to prompt the customer to renew the President's Club membership program identified by the <code>pc_program_key</code>:</p> <p>Y = Do not prompt the customer to renew the President's Club membership N or blank = Prompt the customer to renew the President's Club membership</p> <p>Available in XML version: 4.0 (release 10.5 of CWDirect).</p>
pc_program_key	alphanumeric	6	<p>The President's Club enrollment (join) or renewal program that the customer is selecting.</p> <p>Available in XML version: 4.0 (release 9.5 of CWDirect).</p>

Message Attribute	Alpha/numeric	Positions	Comments
CustOwnership Use the following attributes to update the Customer Ownership file, available for review at the Work with Customer Ownership screen in customer maintenance. The CustOwnerships element, if provided, can include one or more CustOwnership elements.			
cust_own_ID	alphanumeric	10	A code that represents a product the customer owns or previously owned. Updates the <i>Ownership ID</i> field in the Customer Ownership file. Required to create or update a customer ownership record. If a CustOwnership does not include <i>cust_own_ID</i> but does include other values, the system creates a customer note: <i>Missing Ownership ID: Ownership Description</i> . The system does not place the order in an error status because of customer ownership errors.
cust_own_desc	alphanumeric	40	A description of the product. Updates the <i>Description</i> field in the Customer Ownership file.
cust_own_active	alphanumeric	1	Indicates if the customer currently owns the product. Y = The customer currently owns the product. N = The customer previously owned the product. Updates the <i>Act</i> field in the Customer Ownership file.
cust_own_entry_date	numeric	7	The date the customer ownership record was created, in MMDDYY format. Updates the <i>Entry date</i> field in the Customer Ownership file.
cust_own_confirm_date	numeric	7	The most recent date when the customer confirmed ownership of the product, in MMDDYY format. Updates the <i>Confirm date</i> field in the Customer Ownership file.
CustUserField Use the following attributes to update the Customer Sold To User Field file, available for review at the Work with User Fields screen in customer maintenance. The CustUserFields element, if provided, can include one or more CustUserField elements.			

Message Attribute	Alpha/numeric	Positions	Comments
cust_usr fld_dtl_seq_nbr	numeric	3	Identifies the Sequence # in the Cust Sold To User Field file, labeled the <i>Key</i> at the Change User Field screen. Required to update a customer user field if you do not specify a <i>cust_usr fld_label</i> . If this entry does not match an existing customer user field, as specified through Setting Up User-Defined Fields (WUDF), the user field data in the message will not be saved.
cust_usr fld_label	alphanumeric	15	Identifies the field label for a customer user field, as displayed at the Work with User Fields screen in customer maintenance. If you specify either the <i>cust_usr fld_dtl_seq_nbr</i> or the label, or both, the system updates the customer user field identified by the sequence number.
cust_usr fld_data	alphanumeric	30	Updates the Text, Number, or Date field in the Cust Sold To User Field file. Note: It is important not to provide alphabetical information when you specify a numeric user field (number or date).
<p>UserField</p> <ul style="list-style-type: none"> The system uses the same logic to identify and update the Order Header User Field file in the Inbound Order Message as in the New Order Message in e-commerce. The contents of the Order Header User Field file is not available for display on any screen. <p>The UserFields element, if provided, can include one or more UserField elements.</p>			
usr fld_dtl_seq_number	numeric	3	Identifies the Sequence # in the Order Header User Field file.
usr fld_label	alphanumeric	15	Identifies the type of field to update in the Order Header User Field file.
usr fld_data	alphanumeric	30	Updates the Text, number, or Date field in the Order Header User Field file.
<p>Payment</p> <p>The Payments element can include one or more Payment elements. At least one payment method is required.</p>			

Message Attribute	Alpha/numeric	Positions	Comments
payment_type	numeric	2	Identifies the Pay type field in the Order Payment Method file. Defined in and validated against the Pay Type file. If the pay type is a European Direct Debit, the system validates that the bill to country code (or sold to country code if a bill to is not defined) is a valid country for the European Direct Debit pay type. You can define the valid countries for a European Direct Debit pay type on the Work with Pay Type Countries screen in Work with Pay Types (WPAY). The pay type specified here cannot match the payment method for retail pickup and delivery orders.
charge_sequence	numeric	2	Updates the Charge sequence field in the Order Payment Method file. See the <i>Chg seq</i> field at the Display Order Payment Methods screen.
suppress_deposit_flag	alphanumeric	1	Updates the <i>Suppress deposit</i> field in the Order Payment Method file. You can review the setting of this flag at the Display Order Pay Type screen (1 of 2). If set to Y , the first time you bill a shipment against the payment method, the system sets the <i>Suppress deposit</i> flag for the Invoice Payment Method to selected . This setting prevents the invoice payment method amount from being included the next time you use Process Auto Deposits (SDEP) for the related authorization service. Once the system has billed the first shipment against an order payment method, it sets the <i>Suppress deposit</i> flag for the payment method to unselected . Future shipments against the payment method will be eligible for deposit.

Message Attribute	Alpha/numeric	Positions	Comments
suppress_refund_flag	alphanumeric	1	<p>Updates the Suppress refund field in the Order Payment Method file. You can review the setting of this flag at the Display Order Pay Type screen (1 of 2).</p> <p>If set to Y, the system prevents a refund from being generated. If you generate a refund for the order, the refund is created in a status of N (cancel pending). When you use Process Refunds (MREF), the refund status changes to C (canceled).</p> <p>You cannot change the setting of the <i>Suppress refund</i> flag for a payment method, and the system will never generate a refund for the order payment method. In order to generate a refund, you need to deactivate the payment method and enter a new one; however, you will need to process any cancel-pending refund for the payment method before you can deactivate the payment method on the order.</p>
cc_name	alphanumeric	40	Not currently implemented.
cc_type	alphanumeric		Not currently implemented.
cc_number	alphanumeric	16	<p>Updates the Credit card number field in the Order Payment Method file; see the <i>Credit card #</i> field at the Display Order Pay Type screen (1 of 2).</p> <p>Required for credit card payment methods except for Bill Me Later, or the order will be in error with a reason of Invalid Credit Card.</p> <p>Tokenization: If you use credit card tokenization, the system looks at the setting of the already_tokenized tag to determine if the number in the <i>cc_number</i> tag is the actual credit card number or a token provided by an external tokenization service.</p> <p>Encryption: If you use credit card encryption, the credit card number in this message will not be encrypted because it comes from an external system; however, once the order is created in CWDirect, the system encrypts the credit card number in the CWDirect database to provide additional security of credit card data.</p>

Message Attribute	Alpha/numeric	Positions	Comments
			<p>Auto-assignment: If the <i>Allow auto-assign</i> field for a pay category 2 (credit card) pay type is selected set to Y, the system defaults the pay category 2 pay type to the order whose leading digits match the leading digits you enter in the <i>cc_number</i> field for the order.</p> <p>Validation: The system validates the card number meets the card length and leading digits defined for the pay type. Also, if bin numbers are defined for the pay type, the system validates that the card number begins with a valid bin number.</p>
cc_exp_month	numeric	2	Updates the first two positions of the Expiration date field in the Order Payment Method file; see the <i>Expiration date</i> at the Display Order Pay Type screen (1 of 2). The Require expiration date Require expiration date flag for the pay type controls whether an expiration date is required for credit card payment methods. If the pay type requires an expiration date and it is not passed in the message, the order will be in error with a reason of CC Expiration/Start Date.
cc_exp_year	numeric	2	Updates the second two positions of the Expiration date field in the Order Payment Method file; see the <i>Expiration date</i> at the Display Order Pay Type screen (1 of 2). The Require expiration date Require expiration date flag for the pay type controls whether an expiration date is required for credit card payment methods. If the pay type requires an expiration date and it is not passed in the message, the order will be in error with a reason of CC Expiration/Start Date.
cc_sec_value	numeric	4	This field is not currently implemented. You can only enter a card security value on an order in regular order entry/maintenance.
cc_sec_presence	alphanumeric	1	This field is not currently implemented. You can only enter a card security presence on an order in regular order entry/maintenance.

Message Attribute	Alpha/numeric	Positions	Comments
cc_iss_bank	alphanumeric	10	Updates the Issuing bank field in the Order Payment Method file.
defer_bill	alphanumeric	1	Indicates whether to automatically apply a default payment plan if the order qualifies. Valid values are: Y = Automatically assign a payment plan to the order using the normal hierarchy; however, if there is a flexible_payment_code specified in the message, use that payment plan N or blank = Do not assign a payment plan automatically
flexible_payment_code	alphanumeric	5	Updates the FPO payment code field in the Order Payment Method file; this value indicates the deferral or installment details to specify for the order payment method. If this attribute specifies a valid payment plan, the system does not use the regular hierarchy to select a payment plan for the order. Used for credit card payment methods. Defined in and validated against the Flexible Payment Option file. See the Display Order Pay Type screen (2 of 2) for the flexible payment code assigned to the order.
amt_to_charge	numeric	9.2	Updates the <i>Amount to charge</i> field in the Order Payment Method file; see the <i>Amount to charge</i> field at the Display Order Pay Type screen (1 of 2). For a coupon/gift certificate or cash/check payment method, also updates the Amount collected field. Required if the payment method is not the only one on the order. A negative amount represents a credit against the payment method. If you do not specify an amount and there is another payment method on the order without an amount specified, the order will be in error with a reason of Multiple CCs with \$0. This error indicates that the order can have only one "catch-all" payment method.

Message Attribute	Alpha/numeric	Positions	Comments
auth_number	alphanumeric	7	<p>Updates the Authorization number field in the Order Payment Method file; see the <i>Authorization number</i> at the Display Order Pay Type screen (1 of 2). Used for credit card payment methods.</p> <p>Creates an authorization history record with a status of A (Approved).</p> <p>Relate stored value card integration: If you are using the Relate Stored Value Card Integration and the web order contains an approved Relate stored value card pay type, the <i>auth_number</i> should contain the transaction ID received from Relate and not the authorization code received from Relate.</p>
auth_date	numeric	8	<p>Updates the Authorization date field in the Order Payment Method file; see the <i>Authorization date</i> at the Display Order Pay Type screen (1 of 2). MMDDYYYY format. Used for credit card payment methods.</p>
auth_amount	numeric	9.2	<p>Updates the <i>Manual auth</i> amount field in the Order Payment Method file; see the <i>Authorization amount</i> at the Display Order Pay Type screen (1 of 2). Used for credit card payment methods.</p>
gc_type	alphanumeric		Not currently implemented.

Message Attribute	Alpha/numeric	Positions	Comments
gift_certificate_number	numeric	7	Updates the Gift cert/coupon field in the Order Payment Method file. Required if the payment_type in the message is a coupon/credit. If this number: <ul style="list-style-type: none"> Matches a record in the Coupon Redemption file, this coupon, credit or gift certificate is applied to the order as a payment method; the <i>Coupon \$</i>, if any, specified in the file updates the <i>Amount to charge</i> at the Display Order Pay Type screen (1 of 2). In this situation, the <i>gift_certificate_amount</i> specified in the message is ignored when creating the payment method. Does not match a record in the Coupon Redemption file, the system creates a coupon or credit payment method on the order; however, the <i>Dynamic Creation of Coupons (B21)</i> system control value must be selected set to Y, or the order will be in error because of an Invalid coupon.
gift_certificate_amount	numeric		Not currently implemented.
expiration_date	numeric	8	Not currently implemented.
hold_id	alphanumeric		Not currently implemented.
ar_type	alphanumeric		Not currently implemented.
po_number	alphanumeric		Not currently implemented.
check_number	numeric	9	Updates the Check number field in the Order Payment Method file. Used for cash/check payment methods.
check_amount	numeric		Not currently implemented.
checking_account	alphanumeric	20	Updates the Checking account field in the Order Payment Method file; see the <i>Acct#</i> field at the Display Order Pay Type screen (1 of 2). Used for cash/check payment methods.
routing_number	numeric	9	Updates the Routing number field in the Order Payment Method file; see the <i>Routing#</i> field at the Display Order Pay Type screen (1 of 2). Used for cash/check payment methods.

Message Attribute	Alpha/numeric	Positions	Comments
pin_id	numeric	9	Updates the Pin storage field in the Order Payment Method file. The Pin storage field is not currently implemented.
cash_control_number	numeric	5	Updates the Cash control number field in the Order Payment Method file; see the <i>Cash control #</i> at the Display Order Pay Type screen (1 of 2). Used for cash/check payment methods.
start_date	numeric	4	Indicates the first date when the card is effective. MMY format. The Require start date flag for the pay type controls whether a start date is required for credit card pay types. If a start date is required and it is not provided in the message, the order will be in error with a reason of <code>CC Expiration/Start Date</code> . Typically used for debit card or stored value card pay types.
card_issue_nbr	alphanumeric	2	A sequential issue number, issued by the bank, indicating how many times the card has been replaced. The Require issue # flag for the pay type controls whether an issue number is required for credit card pay types. If an issue number is required and it is not provided in the message, the order will be in error with a reason of <code>Invalid Card Issue#</code> .

Message Attribute	Alpha/numeric	Positions	Comments
soc_sec_nbr	numeric	9	<p>Used for a Bill Me Later pay type. Because the social security number is treated here as a numeric value, it should be zero-filled if just the last four digits are included. For example, if the customer enters 1234 as the last four digits of the social security number, this attribute should be set to 00001234 in order to update the Customer Sold To BML file correctly.</p> <p>The social security number is not required if the customer already has a Bill Me Later account number, as shown at the Display Customer Order History screen. However, if the customer does not already have a Bill Me Later account and the last four digits of the social security number are not provided, the order will be in error with a reason of <i>Invalid social security number</i>. The system updates the Customer Sold To BML file with the social security number provided, so this information will be available when you send the order out for authorization.</p>
bml_version	numeric	5	<p>Used as the terms and conditions (T&C) code when creating an account for a customer with a Bill Me Later payment method. If a T&C code is not included in the message, the system uses the T&C web siteBML T&C version (web site) specified for the Bill Me Later pay type. The terms and conditions code should be zero-filled in order to update the Customer Sold To BML file correctly. For example, a terms and conditions code of 123 should be passed as a bml_version of 00123.</p>

Message Attribute	Alpha/numeric	Positions	Comments
birthdate	numeric	8	<p>Used for a Bill Me Later pay type. MMDDYYYY format. The date of birth should be zero-filled in order to update the Customer Sold To BML file correctly. For example, if the customer's date of birth is August 25, 1953, the birth date should be 08251953.</p> <p>The date of birth is not required if the customer already has a Bill Me Later account number, as shown at the Display Customer Order History screen. However, if the customer does not already have a Bill Me Later account and the date of birth is not provided, the order will be in error with a reason of <i>Invalid date of birth</i>. The system updates the Customer Sold To BML file with the birth date provided, so this information will be available when you send the order out for authorization.</p>
authentication_value	alpha	40	<p>A code received from an authentication service, such as Visa's Verified by Visa program or MasterCard's SecureCode program, indicating whether the card authentication password the cardholder provided was approved for the credit card.</p> <p>Online Cash Payment</p> <p>For orders that contain an online cash pay type (the pay type defined in the Pay Type for Payment Processing (K16) system control value), the authentication value represents the order reference ID assigned by the online bill pay service to the order. Updates the <i>Authentication value</i> field in the Order Payment Method file.</p> <p>Available in XML version: 3.0 (release 9.0 of CWDirect).</p>

Message Attribute	Alpha/numeric	Positions	Comments
ecommerce_indicator	alpha	4	<p>This value represents either:</p> <ul style="list-style-type: none"> An electronic commerce indicator code, received from an authentication service such as Visa's Verified by Visa program or MasterCard's SecureCode program, indicating the level of security provided for a credit card transaction placed over the internet. A value indicating if the order was placed on a web storefront. Valid values are: <ul style="list-style-type: none"> YES = The order was placed over the web storefront. NO = The order was not placed over the web storefront. <p>Updates the <i>Ecomm Indic</i> field in the Order Payment Method file. Available in XML version: 3.0 (release 9.0 of CWDirect).</p>
account_type	alpha	1	<p>Identifies the type of bank account the customer's funds are electronically withdrawn from when paying for an order using a direct bank disbursement pay type. Valid values are:</p> <ul style="list-style-type: none"> C = Personal Checking S = Personal Savings X = Corporate Checking <p>If the <i>Require account type</i> field for the direct bank disbursement pay type is selected, you must enter an account type. Updates the <i>OPM Future use STS 2</i> field in the Order Payment file. Available in XML version: 6.0 (CWDirect release 11.0).</p>

Message Attribute	Alpha/numeric	Positions	Comments
transaction_id	alpha	40	<p>The transaction ID associated with the authorization defined for the credit card payment.</p> <p>If a transaction ID and authorization number are defined for a credit card payment, the system creates an authorization history record for the payment when the web order is successfully created in CWDirect; you can review authorization history on the Display Authorization History screen in Order Inquiry.</p> <p>Updates the <i>Transaction ID</i> in the Authorization History file.</p> <p>Available in XML version: 6.0 (CWDirect release 11.0; authorization history update available in CWDirect release 12.5).</p>
vendor_response	alphanumeric	10	<p>The authorization response code received from the authorization service for the credit card payment method.</p> <p>If a vendor response and authorization number are defined for a credit card payment, the system creates an authorization history record for the payment when the web order is successfully created in CWDirect; you can review authorization history on the Display Authorization History screen in Order Inquiry.</p> <p>The system looks at the Credit Card Vendor Response file to find a match to the authorization response code from the authorization service. If the authorization response is associated with a hold reason, the system places the order on AT hold and places the credit card payment method on hold. Also, if an entity dollar limit is defined for the response code, the system may place the order on hold if it exceeds the dollar limit.</p> <p>Updates the <i>AUH vendor response</i> field in the Authorization History file.</p>
			<p>Note: CWDirect does not validate that the response code is a valid response for the authorization service defined for the credit card payment method.</p> <p>Available in XML version: 7.0 (CWDirect release 14.0).</p>

Message Attribute	Alpha/numeric	Positions	Comments
cid_response	alphanumeric	10	<p>The credit card identification response code received from the authorization service for the credit card payment method.</p> <p>If a vendor response, CID response, and authorization number are defined for a credit card payment, the system creates an authorization history record for the payment when the web order is successfully created in CWDirect; you can review authorization history on the Display Authorization History screen in Order Inquiry.</p>
			<p>The system looks at the Credit Card Vendor Response file to find a match to the card security response code from the authorization service. If the card security response is associated with a hold reason, the system places the order on AT hold and places the credit card payment method on hold. Also, if an entity dollar limit is defined for the response code, the system may place the order on hold if it exceeds the dollar limit.</p> <p>Updates the <i>AUH vendor response 2</i> field in the Authorization History file.</p> <p>Note: CWDirect does not validate that the response code is a valid response for the authorization service defined for the credit card payment method.</p> <p>Available in XML version: 7.0 (CWDirect release 14.0).</p>

Message Attribute	Alpha/numeric	Positions	Comments
avs_response	alphanumeric	10	<p>The address verification response code received from the authorization service for the credit card payment method.</p> <p>If a vendor response, AVS response, and authorization number are defined for a credit card payment, the system creates an authorization history record for the payment when the web order is successfully created in CWDirect; you can review authorization history on the Display Authorization History screen in Order Inquiry.</p> <p>The system looks at the Credit Card Vendor Response file to find a match to the AVS response code from the authorization service. If the AVS response is associated with a hold reason, the system places the order on AT hold and places the credit card payment method on hold. Also, if an entity dollar limit is defined for the response code, the system may place the order on hold if it exceeds the dollar limit.</p>
			<p>Updates the <i>AUH AVS response</i> field in the Authorization History file.</p> <p>Note: CWDirect does not validate that the response code is a valid response for the authorization service defined for the credit card payment method.</p> <p>Available in XML version: 7.0 (CWDirect release 14.0)</p>
already_tokenized	alphanumeric	1	<p>Defines whether the number in the cc_number tag is a token.</p> <p>Valid values:</p> <p>Y = The number in the cc_number tag is a token and not the actual credit card number.</p> <p>N or blank = The number in the cc_number tag is the actual credit card number. If the <i>Use Tokenization</i> field for the service bureau associated with the credit card pay type is selected, the system performs credit card tokenization when CWDirect receives the web order.</p>
			<p>Updates the <i>Tokenized</i> field in the Order Payment Method file.</p> <p>Available in XML version: 7.0 (CWDirect release 14.0).</p>

Message Attribute	Alpha/numeric	Positions	Comments
cc_last_four	alphanumeric	4	<p>The last four positions of the credit card number in order to verify the card with the customer.</p> <p>Updates the <i>CC Last 4</i> field in the Order Payment Method file. If this value is not passed, the system updates the <i>CC Last 4</i> field with the last 4 positions of the cc number.</p> <p>If you use credit card encryption, the system does not encrypt the value in this field.</p> <p>Available in XML version: 7.0 (CWDirect release 14.0).</p>
cc_bin	alphanumeric	6	<p>The first six digits of the actual credit card number in order to perform Level II and III discounting on the card during deposit processing.</p> <p>Updates the <i>Bin</i> field in the Order Payment Method file. If this value is not passed, the system updates the <i>Bin</i> field with the first 6 positions of the cc number.</p> <p>If you use credit card encryption, the system does not encrypt the value in this field.</p> <p>Available in XML version: 7.0 (CWDirect release 14.0).</p>
bank_sort	alphanumeric	10	<p>The customer's bank sort number, used to withdraw funds from the customer's bank account when using a European Direct Debit payment. See Processing European Direct Debit Payments.</p> <p>The <i>Bank Sort Required?</i> field on the Work with Pay Type Countries Screen determines whether a bank sort number is required for the country defined for the bill to address (or sold to address if a bill to is not defined) on the order.</p> <p>Updates <i>Bank sort (OPM Future Use Code 1)</i> in the Order Payment Method file.</p> <p>Available in XML version: 8.0 (CWDirect release 16.0).</p>

Message Attribute	Alpha/numeric	Positions	Comments
rib_code	alphanumeric	2	<p>The customer's RIB number, used to withdraw funds from the customer's bank account when using a European Direct Debit payment. See Processing European Direct Debit Payments.</p> <p>The <i>RIB Code Required?</i> field on the Work with Pay Type Countries Screen determines whether a RIB number is required for the country defined for the bill to address (or sold to address if a bill to is not defined) on the order.</p> <p>Updates <i>RIB Code (OPM Future Use Code 2)</i> in the Order Payment Method file.</p> <p>Available in XML version: 8.0 (CWDirect release 16.0).</p>
merchant_ref_override	alphanumeric	30	<p>The merchant reference override ID assigned to the authorization transaction for the credit card payment method.</p> <p>If a merchant reference override is defined for an authorization transaction, the system includes the merchant reference override in the deposit transaction when you process deposits to provide a link between the authorization and deposit transactions.</p> <p>Updates the <i>AUH Merch Ref override</i> field in the Authorization History file.</p> <p>Available in XML version: 9.0 (CWDirect release 17.0).</p>
<p>ShipTo The ShipTos element can include one or more ShipTo elements. At least one ship to is required.</p>			
arrival_date	numeric	8	<p>Updates the Arrival date in the Order Ship To file; see the <i>Arrival date</i> at the Display Order Properties screen. MMDDYYYY format.</p> <p>Defaults to the current date if no override is specified. No error occurs if the arrival date is earlier than the current date.</p>
cancel_bo	alphanumeric	1	<p>Updates the Cancel BO? field in the Order Ship To file. Defaults to N if this value is not set to Y.</p>
cancel_bo_date	numeric	8	<p>Updates the Cancel date field in the Order Ship To file. MMDDYYYY format. Defaults to blank if no cancel backorder date is specified.</p>

Message Attribute	Alpha/numeric	Positions	Comments
contact_name	alphanumeric	30	Updates the Contact name field in the Order Ship To file.
fedex_number	alphanumeric	10	Updates the Federal express # field in the Order Ship To file. The ship via specified in the <i>shipping method</i> attribute must represent a Federal Express ship via (the <i>Type</i> for the ship via must be FX); otherwise, the order will be suspended with an error of Invalid Ship Via for FEDX.
freight	numeric	7.2	Updates the Freight field in the Order Ship To file, and sets the Freight override? flag to Y .
shipping_method	numeric	2	Updates the VIA ship via code in the Order Ship To file. The ship via must be eligible to ship the items on the ship to order. Ship via codes are defined in and validated against the Ship Via file. The <i>Use SCF Ship Via in E-Commerce (J30)</i> system control value controls whether the system overrides the ship via on the order to the <i>Preferred ship via</i> defined for the ship to customer's SCF (the first 3 digits of the destination postal code).
gift	alphanumeric	1	Updates the Gift order flag in the Order Ship To file. Defaults to N if this value is not set to Y .
resale_exempt_id	alphanumeric	15	Updates the Resale/exempt # in the Order Ship To file. If the customer sold to is not tax exempt, specifying a resale/exempt number causes the order to be suspended with an error of Invalid Tax Code.
ship_complete	alphanumeric	1	Updates the Ship complete? field in the Order Ship To file. Defaults to N if this value is not set to Y .
priority	numeric	1	Updates the Priority field in the Order Ship To file.

Message Attribute	Alpha/numeric	Positions	Comments
calc_frt	alphanumeric	1	Updates the Calc freight (Calculate freight) Calculate freight flag for the order ship-to. Valid values are: blank or Y = calculate freight using the regular calculation N = do not calculate freight (no freight will be added)
discount_pct	numeric	5.2	Updates the Discount % field in the Order Ship To file.
customer_ship_to_number	numeric	9	Updates the CST customer # field in the Order Ship To file. Complete this attribute only when the order is shipping to: <ul style="list-style-type: none"> another customer sold-to, different from the customer who places the order, who receives all or part of the order (recipient customer). In this situation, the ship_to_type is 2; or, a permanent ship-to address for the customer. In this situation, the ship_to_type is 3, and this number should identify the sold-to customer number for the order.
alternate_ship_to_id	alphanumeric	15	Not currently implemented.
ship_to_type	alphanumeric	1	Indicates the type of shipping address to use for the order. Valid values are: <ul style="list-style-type: none"> 1 = order-level shipping address 2 = recipient customer sold-to 3 = permanent ship-to blank = use the shipping address of the sold-to customer on the order
<p>Use the following attributes if the shipping address is different from the sold-to customer. The system uses the ship_to name and address attributes listed below to:</p> <ul style="list-style-type: none"> match to an existing sold-to or permanent ship-to customer, or create a new sold-to or permanent ship-to customer <p>Note:</p> <ul style="list-style-type: none"> If you are creating a new sold-to or permanent ship-to customer and the name and address information specified in the message does not represent a complete, valid name and address, the order will be in error. Also, the order will be in error if the information in the message represents an existing sold-to or permanent ship-to customer whose name and address is currently invalid. 			
ship_to_prefix	alphanumeric	3	
ship_to_fname	alphanumeric	15	
ship_to_initial	alphanumeric	1	

Message Attribute	Alpha/numeric	Positions	Comments
ship_to_lname	alphanumeric	25	
ship_to_suffix	alphanumeric	3	
ship_to_company	alphanumeric	30	
ship_to_address1	alphanumeric	32	
ship_to_address2	alphanumeric	32	
ship_to_address3	alphanumeric	32	
ship_to_address4	alphanumeric	32	
ship_to_apartment	alphanumeric	10	
ship_to_city	alphanumeric	25	
ship_to_state	alphanumeric	2	
ship_to_zip	alphanumeric	10	
ship_to_country	alphanumeric	3	Required if a ship-to address is provided.
ship_to_email	alphanumeric	50	If the email address is not properly formatted, the order will be in error.
ship_to_busres	alphanumeric	1	Valid values are: B = business R = residence
ship_to_day_phone	alphanumeric	14	The phone numbers, if provided, should be unformatted; or, if it is formatted, it should be correctly formatted based on the phone number formatting specified for the customer's country to create, match, or update the customer correctly. The third number is displayed on screens and reports as the fax or mobile number, based on the setting of the Third Phone Number Type (L53) system control value.
ship_to_evening_phone	alphanumeric		
ship_to_fax_phone	alphanumeric		
email_gc	alphanumeric	1	Updates the <i>Email gift certificate</i> field in the Order Ship To file. Defaults to blank if this value is not set to Y .

Message Attribute	Alpha/numeric	Positions	Comments
permanent_ship_to_number	numeric	3	Used for ship_to_type 3 to identify the permanent shipping address to use.
ship_to_warehouse	numeric	3	Updates the WHS warehouse field in the Order Ship To file. Defined in and validated against the Warehouse file.
ship_to_po_number	alphanumeric	15	Updates the Purchase order # field in the Order Ship To file. If the <i>Verify Duplicate PO Numbers for A/R Orders (D80)</i> system control value is selected set to Y and the purchase order number is a duplicate, the order will be in error with a reason of Duplicate PO#. Also, if the <i>PO Required for A/R Orders (D79)</i> system control value is selected set to Y and no purchase order number is specified, the order will be in error with a reason of Missing PO#-Req for A/R.
gift_message	alphanumeric		Not currently implemented.
add_chg_count	alphanumeric		Not currently implemented.
promotion	alphanumeric	7	<p>If the <i>Promotion Code Entry Required for Discount (I63)</i> system control value is:</p> <ul style="list-style-type: none"> • selected set to Y: this promotion is applied against the order, provided the order qualifies. The system does not automatically apply any other promotions against the order, and only one promotion can apply for each order shipping address. If a promotion is specified and the order does not qualify for it, the system continues creating the order and writes an order history message such as: Promotion (ADDFRT) not applied. However, if the promotion code specified in the message does not actually exist, the order will be in error with a reason of Invalid Promotion Code. • unselected set to N: the system ignores any promotion code passed and uses its regular hierarchy in determining which promotions, if any, to apply to the order.

Message Attribute	Alpha/numeric	Positions	Comments
			<p>Note: This promotion does not apply if the <i>Use Single Use Promo Codes (L95)</i> system control value is selected set to Y and a single use promo code is specified.</p> <p>Available in XML version: 2.0 (release 8.0 of CWDirect).</p>
tax_area_id	alphanumeric	10	<p>Updates the <i>Future use code 2</i> field in the Order Ship To file.</p> <p>Available in XML version: 4.0 (release 9.5 of CWDirect).</p>
single_use_promo_code	alphanumeric	10	<p>A unique, randomly generated code related to a promotion. This code applies the related promotion to the order if:</p> <ul style="list-style-type: none"> the <i>Use Single Use Promo Codes (L95)</i> system control value is selected set to Y, and the single-use promotion code specified is valid and has not been redeemed on a prior order, and the related promotion is active, and the order qualifies, or if the <i>Order API/No Reprice Price Override Reason (L96)</i> system control value specifies a code <p>If the single-use code is not valid or the promotion is not currently active, the order will be in error with a reason of Invalid Single Use Promo.</p> <p>If the single-use promotion code has already been redeemed, the order will be in error with a reason of Code Previously Redeemed.</p>

Message Attribute	Alpha/numeric	Positions	Comments
			If the order does not qualify for the related promotion, and the <i>Order API/No Reprice Price Override Reason (L96)</i> system control value is blank, the promotion is not redeemed or applied, but the order is not flagged for an error; instead, the system writes an Order Transaction History message such as Promotion (SUP51+) not applied. Available in XML version: 8.0 (release 16.0 of CWDirect).
AdditionalCharge The AdditionalCharges element, if provided, can include one or more AdditionalCharge elements.			
additional_charge_seq_nbr	numeric		Not currently implemented.
additional_charge_code	alphanumeric	2	Updates the Add'l chg code in the Order Additional Charge file. Not validated against the Additional Charge file.
additional_charge_amount	numeric	7.2	Updates the Add'l charges field in the Order Additional Charge file. Note: A <i>Default charge amount</i> specified for the additional charge code does not automatically default, so the amount must be specified for each additional charge code.
Ord_Msg The Ord_Msgs element, if provided, can include one or more Ord_Msg elements. Note: You can include up to 250 order messages.			
ord_msg_text	alphanumeric	60	Updates the Message field in the Order Message file. Note: The <i>User</i> displayed for the message is the first six positions of the entered by user .
ord_msg_code	alphanumeric	1	Updates the <i>Print?</i> flag in the Order Message file. Note: If the value specified here is not a valid value for the <i>Print</i> flag, or if no value is specified here, the message is still created, but the <i>Print</i> flag is set to blank (which is the same as N or do not print).

Message Attribute	Alpha/numeric	Positions	Comments
<p>Item The Items element includes one or more Item elements. At least item is required. To create an order that includes a set or continuity item, the message should include the master set or continuity item only. The set or continuity will be "exploded" once the order is created, and all of the component items will be added to the order.</p>			
drop_ship	alphanumeric	1	Enter D to update the Drop ship flag field in the Order Detail file. Use this attribute for items that are not flagged as drop/ship in the Item file, but that you would like to drop ship on this order. Flagging the item as a drop ship on the order prevents it from reserving, even if you have inventory available.
no_charge	alphanumeric	1	Updates the No charge field in the Order Detail file. If this flag is set to Y , the order detail line will be "no charge"; otherwise, regular pricing applies. A prc_ovr_rsn is required for a no-charge order line.
affect_inventory	alphanumeric	1	Updates the Affect inventory? field in the Order Detail file. Valid values: Y or blank = Update inventory. If this is an express-bill order and the item does not exist in the line_warehouse specified, the order will be in error. If this is an express-bill order and the item exists in the line_warehouse and location , but there is no inventory available, the system creates an inventory transaction (WITE) error. N = Do not update inventory. The system does not perform an inventory transaction and does not create an inventory transaction error.
line_arrival_date	numeric	8	Updates the Arrival date field in the Order Detail file. MMDDYYYY format.
line_cancel_date	numeric	8	Updates the Cancel date field in the Order Detail file. MMDDYYYY format.
cord_group	numeric	3	Updates the Coordinate group field in the Order Detail file.
actual_price	numeric	7.2	Updates the Price field in the Order Detail file if a prc_ovr_rsn is specified.

Message Attribute	Alpha/numeric	Positions	Comments
prc_ovr_rsn	alphanumeric	1	Updates the Price Override Code field in the Order Detail file. If the price override reason code specified here is not valid, the system uses the <i>Price Override Reason for E-Commerce (G73)</i> , if any, or the <i>Default Price Override Reason (B35)</i> ; however, if the prc_ovr_rsn attribute is blank, the system does not override the price on the order detail line, even if an <i>actual_price</i> is specified.
			If the price override reason specified here matches the <i>Order API/No Reprice Price Override Reason (L96)</i> , the system does not override the actual price even if the order qualifies for a promotion.
quantity	numeric	5	Updates the Qty ordered field in the Order Detail file. If no quantity is specified here, the system uses the <i>Default Order Quantity (B30)</i> . A negative quantity (indicated by a minus sign (-) preceding the number) indicates a return. If the quantity specified here is not evenly divisible by the <i>Sell quantity</i> for the item/SKU, the order line will be in error with a reason of <i>Multiples error</i> .
bypass_reserve	alphanumeric	1	Updates the Bypass reservation field in the Order Detail file, and prevents the line from being reserved when set to Y .
tax_override	alphanumeric	1	Updates the Tax override field in the Order Detail file. If this flag is set to Y , the system does not call the regular tax routine or Vertex to calculate tax. If you process a return, the system prorates the tax override amount across the units ordered on the order line to determine the new tax override amount and the tax amount to return.
tax_amount	numeric	10.5	Updates the <i>Tax</i> field in the Order Detail file if the <i>tax_override</i> flag is set to Y .

Message Attribute	Alpha/numeric	Positions	Comments
gst_amount	numeric	10.5	Updates the GST field in the Order Detail file if: <ul style="list-style-type: none"> the <i>tax_override</i> flag is set to Y the <i>tax_amount</i> specifies a total tax amount for the order detail line the customer is subject to Canadian tax (GST and PST) based on regular tax logic Note: The total GST and PST should equal the <i>tax_amount</i> ; however, the system does not validate that the total <i>gst_amount</i> and <i>pst_amount</i> does not exceed the <i>tax_amount</i> specified.
pst_amount	numeric	10.5	Updates the GST field in the Order Detail file if: <ul style="list-style-type: none"> the <i>tax_override</i> flag is set to Y the <i>tax_amount</i> specifies a total tax amount for the order detail line the customer is subject to Canadian tax (GST and PST) based on regular tax logic The total GST and PST should equal the <i>tax_amount</i> ; however, the system does not validate that the total <i>gst_amount</i> and <i>pst_amount</i> does not exceed the <i>tax_amount</i> specified.
gift_wrap	alphanumeric	1	If set to Y , updates the Gift wrap flag in the Order Detail file and adds the gift wrap charge to the order; see the <i>G/W</i> and <i>G/W \$</i> at the Display Order Detail screen. If the item/offer or SKU/offer does not allow gift wrap, the order will be in error with a reason of Gift wrap not allowed.
cost_override_amount	numeric	11.4	Updates the Cost override field in the Order Detail file.
line_priority	numeric	1	Updates the Priority field in the Order Detail file.

Message Attribute	Alpha/numeric	Positions	Comments
line_freight_override	alphanumeric	1	If set to Y , updates the Freight override? field in the Order Detail file and applies the line_freight_override_amount as the freight amount for the order detail line. If the line_freight_override_amount is blank, then no freight will be charged for the order detail line. If the freight method on the order is not a line-level freight method, the order will be in error with a reason of Invalid line frt override.
line_freight_override_amt	numeric	7.2	If the line_freight_override is set to Y and the freight method on the order is a line-level freight method, updates the Freight charge field in the Order Detail file; otherwise, the system ignores this value.
line_coupon_flag	alphanumeric	1	If set to Y , updates the Coupon? field in the Order Detail file. A line_coupon_amount must also be specified.
line_coupon_amount	numeric	7.2	Updates the Coupon \$ override field in the Order Detail file if the line_coupon_flag is set to Y . Note: In order for this discount amount to be subtracted from the unit price of the item, you must have COUPON/ITEM near the top of pricing hierarchy specified through the <i>Pricing Values (B31)</i> screen in the System Control file, or you should have <i>Best Way Pricing (A78)</i> set to Y .
personalization_id	alphanumeric	2	Updates the <i>Add'l chg code</i> in the Order Detail file. Overrides the additional charge code, if any, from the Item Offer or SKU Offer. Required if the item should have special handling; if no personalization_id is specified, the additional charge code from the Item Offer or SKU Offer will not default.

Message Attribute	Alpha/ numeric	Positions	Comments
			<p>Use the personalization_line element to specify the special handling details for the order line.</p> <p>If the Item Offer or SKU Offer does not have the <i>Special handling</i> flag selected set to Y, the order will be in error with a reason of S/H code not allowed. If the value specified here does not represent a special handling code as set up through Work with Additional Charge Codes (WADC), the order will be in error with a reason of S/H code is invalid.</p>
personalization_cost	numeric	7.2	<p>Updates the Special handling \$ field in the Order Detail file. Not used if the special handling code uses special handling charge breaks. If no charge is specified here, the system uses the regular hierarchy to determine the special handling charge or price.</p> <p>Note: It is possible to add special handling charges without actually creating the special handling instructions for the order line if:</p> <ul style="list-style-type: none"> complete instructions are not specified in the personalization_line element, and a <code>personalization_id</code> is specified, and <ul style="list-style-type: none"> a <code>personalization_cost</code> is specified here, or a S/H price is specified for the Item Offer or SKU Offer
gc_number	numeric	7	<p>The system uses this number only when:</p> <ul style="list-style-type: none"> the item ordered on this order detail line is a gift certificate the gift certificate number specified here is not already assigned <p>Otherwise, if the item is a gift certificate, the system assigns a gift certificate number through the normal process.</p> <p>Note: Do not specify a gift certificate number if the quantity for the order detail line is more than 1; if you specify a gift certificate number, the system creates just one gift certificate.</p>

Message Attribute	Alpha/numeric	Positions	Comments
alias_item	alphanumeric	12	<p>Updates the Alias field in the Order Detail file. Used to identify the item and SKU for the order detail line.</p> <p>If <i>Display Item Alias (D56)</i> is selected set to Y, order inquiry displays the alias rather than the item code when you pass the alias rather than the item code in the message.</p> <p>If <i>Search Offers for Alias (J68)</i> is selected, the system searches all active offers for a matching alias rather than just the offer currently on the order detail line.</p> <p>Search across offers? If the selected <i>Search Offers for Alias (J68)</i> system control value is selected, the system searches all active offers for the alias specified here; otherwise, the system checks just the offer that applies to the order.</p>
item_id	alphanumeric	12	<p>Updates the ITM number field in the Order Detail file. Used to identify the item and SKU for the order detail line.</p> <p>Note: To create an order that includes a set or continuity item, the message should include the master set or continuity item only. The set or continuity will be "exploded" once the order is created, and all of the component items will be added to the order.</p>
sku	alphanumeric	14	Updates the SKU code field in the Order Detail file. Used to identify the item and SKU for the order detail line.
short_sku_number	numeric	7	Used to identify the item and SKU for the order detail line.
retail_ref_number	numeric	15	
upc_type	alphanumeric	3	
upc_code	numeric	14	
line_offer	alphanumeric	3	
line_source_code	alphanumeric	9	Updates the SRC source code field in the Order Detail file. Also defaults to the order header if no header-level source code is specified in the message.

Message Attribute	Alpha/numeric	Positions	Comments
line_shipping_method	numeric	2	Updates the VIA ship via code field in the Order Detail file. The ship via must be eligible to ship the item on the order line.
sku_xref_nbr	alphanumeric	30	Used to identify the item and SKU for the order detail line if there is a match in the SKU Cross Reference file.
			<p>Cross reference number rules:</p> <ul style="list-style-type: none"> The cross reference number passed here must be a cross-reference type whose <i>Restrict search</i> flag is unselected set to N; otherwise, the system does not recognize it as a valid cross-reference for the purposes of identifying the item and SKU. The number can be any combination of numbers and letters; however, not all special characters are valid, and an invalid combination prevents the system from recognizing the item and SKU. This attribute is case-sensitive: a SKU cross reference number of ABCDEFG does not match a <i>sku_xref_nbr</i> of <i>abcdefg</i>. Unlike interactive order entry, the order API can use the cross reference number for matching if it exceeds 12 positions.
			Available in XML version: 5.0 (release 10.5 of CWDirect).
Note: Use the following values to process a return or an express bill.			
line_warehouse	numeric	3	Used when processing a return (the quantity is negative) or an express bill. Updates the WHS warehouse field in the Order Detail file. There must be a record of the item in this warehouse, or the order will be in error with a reason of <code>Item not valid for whs</code> .
location	alphanumeric	7	Indicates the location where the returned merchandise is placed, or where to affect inventory for an express bill line. If the item has not been previously placed in this location, the system creates an Item Location record. However, if the location itself does not exist, the order will be in error with a reason of <code>Missing Whse/Loc-No IT Ln</code> .

Message Attribute	Alpha/numeric	Positions	Comments
return_reason	numeric	3	Used to track a return. Use the Display Order Line History screen to review the return reason code used for an order detail line. The system leaves the return reason code for the order line blank if no reason is specified in the message. Similarly, if the message specifies a return reason code that does not exist in the Return Reason file, the system does not put the order in error; instead, it writes the value passed to the Order Line History and other files that are normally updated as part of processing a return.
return_disposition	alphanumeric	2	Used to indicate how to process a return. If the message does not specify a valid return disposition value (that is, the return_disposition is invalid or is blank), the system uses the <i>Default Disposition Code (C18)</i> .
price_override	alphanumeric	1	If this field is set to Y and there is no prc_ovr_rsn specified, the system uses the <i>Price Override Reason for E-Commerce (G73)</i> , if any, or the <i>Default Price Override Reason (B35)</i> when creating the order line.
Note: Use the following three values to create a store fulfillment request.			
pickup_type	alphanumeric	2	Indicates the type of store fulfillment request. Valid values are: SP = store pickup (the customer will pick the item up in the store location) SS = store shipment (the store location will ship the item to the customer) If the message does not specify one of the above values, the system creates a regular order detail line. You cannot create a store fulfillment request for a negative quantity, or for a continuity master, membership item, or subscription item.

Message Attribute	Alpha/numeric	Positions	Comments
pickup_system_location	alphanumeric	10	A code identifying the system associated with the store fulfillment location. For example, if fulfillment location 10 indicates a particular store, the system might indicate the CWStore database. The system does not validate this value; however, if no <i>pickup_system_location</i> is specified for a store pickup request, the system puts the order in error.
pickup_location	alphanumeric	10	A code identifying the store location where the customer will pick up the item, or which will ship the item. The system does not validate this value; however, if no <i>pickup_location</i> is specified for a store pickup request, the system puts the order in error.
line_entered_date	numeric		
line_entered_time			
Lin_Msg The Lin_Msgs element, if provided, can include one or more Lin_Msg elements.			
lin_msg_code	alphanumeric	1	Updates the <i>Print?</i> field in the Order Line Message file.
lin_msg_text	alphanumeric	60	Updates the <i>Message</i> field in the Order Line Message file.

Message Attribute	Alpha/ numeric	Positions	Comments
<p>personalization_line The personalization_lines element, if provided, can include one or more personalization_line elements. The system uses the following information to build special handling instructions for the order detail line if a valid personalization_id is specified:</p> <ul style="list-style-type: none"> • Standard special handling: <ul style="list-style-type: none"> • The personalization_type should be set to S (standard). • You can include one or more standard_text attributes to build one or multiple lines of custom special handling instructions. If any standard_text entry exceeds 30 positions, the additional data in the special handling instructions is truncated. • Custom special handling: <ul style="list-style-type: none"> • The personalization_type should be set to C (custom). • Unless the message will always include data in each personalization line, and all lines will be sent in the sequence in which they were set up through Work with Custom Special Handling Formats (WSHF), each personalization_line should also specify its corresponding personalization_seq_nbr. Using the sequence number also lets you maintain the personalization instructions and add data in order maintenance; to preserve this option, the inbound message must include each personalization line with either data or a blank value (for example, <code>personalization_text = " "</code>). • If the personalization lines do not include the sequence number, and do not represent a complete, valid set of instructions according to the special handling format, the special handling code and charge are still added to the order; however, the order will either be in error, or the order line will include the special handling code and charge, but the instructions will be incomplete or missing. <p>For more information: See Inbound Order Message: Sample XML.</p>			
<p>Copying special handling information for set items: In the case of a set item, the <i>Copy Set Master Special Handling to Set Components (J39)</i> system control value controls whether to copy the special handling instructions and handling charges to each eligible set component.</p>			
<p>personalization_seq_nbr</p>	<p>numeric</p>	<p>3</p>	<p>Indicates the special format detail sequence number (as opposed to the display sequence number) for the information being passed in this line for custom special handling. This sequence number is not displayed on a screen, but corresponds to the SFD sequence number from the Special Format Details file (MSSHFD), set up through Work with Custom Special Handling Formats (WSHF), and the EC Personalization Detail file (EXPRSD), sent to the web storefront through Download E-Commerce Static Files (ESTF). Updates the Order Special Format file.</p>

Message Attribute	Alpha/numeric	Positions	Comments
			<p>Sending the sequence number is required for custom special handling unless the message includes each personalization line in order by sequence number for a custom special handling format, with each line containing data; otherwise, the personalization information is not added to the order correctly.</p> <p>The sequence number is not used for standard special handling.</p> <p>4.0 (release 9.5 of CWDirect).</p>
personalization_type	alphanumeric	1	<p>Indicates the type of special handling. Valid values are:</p> <p>C = Custom</p> <p>S = Standard</p> <p>Note: If this value is the wrong type for the personalization_id, the order will not be in error; however, no special handling instructions will be built.</p>
personalization_text	alphanumeric	45	<p>Used for custom special handling instructions. Case-sensitive. Updates the Input field in the Order Special Format file for custom special handling. You can send the personalization_line with the personalization_text set to " " in order to create a blank custom special handling line for the order if you would like to preserve the option of adding special handling information in order maintenance.</p> <p>Note: Default text defined for the special handling format does not default for orders created through the Inbound Order Message.</p>

Message Attribute	Alpha/ numeric	Positions	Comments
			<p>Errors:</p> <p>If the text is not a valid entry for the custom special handling format (including text that is the wrong case), the order will be in error with a reason of <code>Input not valid response</code>.</p> <p>If the text exceeds the maximum specified for the custom special handling format, the order will be in error with a reason of <code>Exceeds maximum character</code>.</p> <p>The order is not in error if you send a blank <code>personalization_text</code> entry, even if the line is flagged as a required entry for the special handling format. Similarly, the order is not in error if you omit a required personalization line from the message entirely.</p>
standard_text	alphanumeric	30	Used for standard special handling instructions. Updates the S/H info field in the Order Special Handling file for standard special handling. There can be more than one lines of standard text included in multiple <code>standard_text</code> attributes. Any <code>standard_text</code> entry that exceeds 30 positions is truncated from the special handling instructions.
CouponDetail			
coupon_detail_code	alphanumeric	6	Optionally, specify a detail-level coupon (<i>Coupon type = D</i>) to apply against an order detail line. The customer can apply multiple coupons against an item or order provided they pass all coupon edits.
<p>Profile</p> <p>The profile data, if any, passed through this element updates the customer's demographic data. You can review a customer's demographic data at the Work with Customer Profile screen.</p>			

Message Attribute	Alpha/numeric	Positions	Comments
profile_code			Optionally, specify a profile code to identify demographic data for the customer. The <i>profile_code</i> represents the <i>Profile</i> code specified through Setting Up Customer Profiles (WPFL). If the profile code specified is invalid, the system does not put the order in error; however, it writes a record to the Customer Notes file, such as Invalid Profile Code: 004. You can review these profile errors at the Edit Customer Notes screen.
profile_value			The valid value set up for the Profile code. If the profile value specified is invalid, the system does not put the order in error; however, it writes a record to the Customer Notes file, such as Invalid Profile Data Code: 9. You can review these profile errors at the Edit Customer Notes screen.
Coupon			
coupon_code	alphanumeric	6	Optionally, specify an order-level coupon (<i>Coupon type = O</i>) to apply against the order. The customer can apply multiple coupons against an order provided they pass all coupon edits.

Inbound Order Message: Sample XML

Samples of the [Inbound Order XML Message \(CWORDERIN\)](#) are presented below.

Initial order message:

```
<Message source="IDC" target="RDC" type="CWORDERIN" resp_qmgr="CWIAS400"
resp_q="OPSWEB.FROM.CWIAS400.CWORDERIN">
  <Header company_code="5" order_number="6283" payment_only="N" offer_id="205"
source_code="2005" response_type="N" order_channel="I" customer_number="40"
pay_incl="Y" ind_number="2" ind_dept="ENG" ind_position="TW" ind_fname="INDI"
ind_initial="A" ind_lname="NAME2" ind_email_address="GINGER@INDI2.COM" ind_opt_in="01"
order_type="0" ip_addr="1.1.3.4">
  <CustOwnerships>
    <CustOwnership />
  </CustOwnerships>
  <CustUserFields>
    <CustUserField cust_usr_fld_dtl_seq_nbr="1" cust_usr_fld_label="output field"
cust_usr_fld_data="some user field data" />
    <CustUserField cust_usr_fld_dtl_seq_nbr="2" cust_usr_fld_label="output field"
cust_usr_fld_data="more user field data" />
  </CustUserFields>
</UserFields>
```

```

    <UserField />
  </UserFields>
  <Payments>
    <Payment payment_type="4" cc_name="VISA" cc_type="04"
      cc_number="REMOVEDBYLOGGER" cc_exp_month="09" cc_exp_year="05"
      cc_sec_value="REMOVEDBYLOGGER" cc_sec_presence="1"
      authentication_value="jHyn+7YFi1EUCBEAAAavBUYAAAA=" ecommerce_indicator="5" />
  </Payments>
  <ShipTos>
    <ShipTo shipping_method="01" gift="N">
      <AdditionalCharges>
        <AdditionalCharge />
        <AdditionalCharge />
      </AdditionalCharges>
      <Ord_Msgs>
        <Ord_Msg ord_msg_text="here is an order message" ord_msg_code="P" />
        <Ord_Msg />
      </Ord_Msgs>
      <Items>
        <Item actual_price="1000" prc_ovr_rsn="C" quantity="1"
          item_id="2005ITEM1">
          <Lin_Msgs>
            <Lin_Msg lin_msg_code="P" lin_msg_text="2005ITEM1 AMAZON" />
          </Lin_Msgs>
          <personalization_lines>
            <personalization_line />
            <personalization_line />
          </personalization_lines>
        </Item>
      </Items>
    </ShipTo>
  </ShipTos>
</Header>
</Message>

```

Payment-only order message:

```

<Message source="RDC" target="RDC" type="CWORDERIN" resp_qmgr="CWIAS400"
resp_q="OPSWEB.FROM.CWIAS400.CWORDERIN">
  <Header company_code="27" rdc_order_nbr="9780" payment_only="Y" response_type="D"
  pay_incl="Y">
    <Payments>
      <Payment pay_seq_number="1" payment_type="5" cc_number="5544332211009988"
      cc_exp_month="12" cc_exp_year="2012"/>
    </Payments>
  </Header>
</Message>

```

Sales transaction order message:

```

<Message source="cws_85_doc" target="cws_85_doc" type="CWORDERIN">
  <Header company_code="5" order_number="30000049" source_code="RETAIL"
  response_type="N" order_date="10132004" order_channel="P" customer_number="705"
  pay_incl="Y" order_type="P">
    <Payments>
      <Payment payment_type="1" suppress_refund_flag="Y" amt_to_charge="500" />
      <Payment payment_type="1" suppress_refund_flag="Y" amt_to_charge="-288" />
    </Payments>
    <ShipTos>
      <ShipTo>
        <Ord_Msgs>
          <Ord_Msg ord_msg_text="POS Transaction #30000049" />
        </Ord_Msgs>
      </ShipTo>
    </ShipTos>
  </Header>
</Message>

```

```

    </Ord_Msgs>
  <Items>
    <Item affect_inventory="N" actual_price="202" prc_ovr_rsn="P"
      quantity="1" tax_override="Y" tax_amount="010100"
      cost_override_amount="00000" item_id="KABSKU1 " sku="GRN "
      line_shipping_method="98">
      <Lin_Msgs>
        <Lin_Msg />
      </Lin_Msgs>
    </Item>
  </Items>
</ShipTo>
</ShipTos>
</Header>
</Message>

```

Customer return order message:

```

<Message source="cws_85_doc" target="cws_85_doc" type="CWORDERIN">
  <Header company_code="5" order_number="30000047" source_code="RETAIL"
    response_type="N" order_date="10132004" order_channel="P" alternate_sold_to_id="439"
    sold_to_prefix="MS." sold_to_fname="SARAH" sold_to_lname="BROWN" sold_to_address1="257
    Lovell Street" sold_to_city="Worcester" sold_to_state="MA" sold_to_zip="01602"
    sold_to_country="USA" sold_to_day_phone="5087358013" sold_to_eve_phone="5087929135"
    sold_to_address_update="N" pay_incl="Y" order_type="P">
    <Payments>
      <Payment payment_type="99" suppress_deposit_flag="Y" suppress_refund_flag="Y"
        cc_number="4545454545" cc_exp_month="01" cc_exp_year="39" auth_date="10132004"
        auth_amount="-2625" />
    </Payments>
    <ShipTos>
      <ShipTo>
        <Ord_Msgs>
          <Ord_Msg ord_msg_text="POS Transaction #30000047" />
          <Ord_Msg ord_msg_text="Original Transaction #30000016" />
        </Ord_Msgs>
        <Items>
          <Item affect_inventory="N" actual_price="2500" prc_ovr_rsn="P"
            quantity="-1" tax_override="Y" tax_amount="-125000"
            cost_override_amount="00000" item_id="2VSSHIRT-976"
            line_shipping_method="98" return_reason="44" return_disposition="SR">
            <Lin_Msgs>
              <Lin_Msg />
            </Lin_Msgs>
          </Item>
        </Items>
      </ShipTo>
    </ShipTos>
  </Header>
</Message>

```

Sample custom special handling information:

The `personalization_line` element(s) include the special handling instructions in the `personalization_text` attribute. The `personalization_type` is set to **C** (custom), and there is a `personalization_seq_nbr` for each entry. Also, a `personalization_line` that includes a blank `personalization_text` attribute is included for each unused line in the special handling format so that it will be possible to edit the special handling instructions and enter additional information in order maintenance.

For more information: See the [personalization_line](#) element in the [Inbound Order XML Message \(CWORDERIN\)](#).

```
<Message source="CWINTEGRATE" target="CWDIRECT" type="CWORDERIN" resp_qmgr="CWIAS400"
resp_q="CWORDERIN.TO.CWIAS400.95Q">
  <Header company_code="027" order_number="10/18/05_a" source_code="SOURCE"
response_type="D" sold_to_prefix="Mr." sold_to_fname="Abner" sold_to_lname="Allston"
sold_to_busres="B" sold_to_address1="24 Prime Park Way" sold_to_city="Natick"
sold_to_state="MA" sold_to_zip="01760" sold_to_country="USA" pay_incl="Y"
order_type="I">
    <Payments>
      <Payment payment_type="05" cc_name="VISA" cc_number="*" cc_exp_month="12"
cc_exp_year="2005" />
    </Payments>
    <ShipTos>
      <ShipTo ship_to_number="1" item_count="1">
        <Items>
          <Item quantity="1" personalization_id="E" item_id="GELWRITER"
sku="PINK">
            <personalization_lines>
              <personalization_line personalization_seq_nbr="1"
personalization_type="C" personalization_text="Palatino" />
              <personalization_line personalization_seq_nbr="2"
personalization_type="C" personalization_text="Y" />
              <personalization_line personalization_seq_nbr="3"
personalization_type="C" personalization_text="Mr. Abner
Allston" />
              <personalization_line personalization_seq_nbr="4"
personalization_type="C" personalization_text="24 Prime Park
Way" />
              <personalization_line personalization_seq_nbr="5"
personalization_type="C" personalization_text="Natick, MA 01760"
/>
              <personalization_line personalization_seq_nbr="6"
personalization_type="C" personalization_text=" " />
              <personalization_line personalization_seq_nbr="7"
personalization_type="C" personalization_text=" " />
              <personalization_line personalization_seq_nbr="8"
personalization_type="C" personalization_text=" " />
              <personalization_line personalization_seq_nbr="9"
personalization_type="C" personalization_text=" " />
              <personalization_line personalization_seq_nbr="10"
personalization_type="C" personalization_text=" " />
              <personalization_line personalization_seq_nbr="11"
personalization_type="C" personalization_text="Gold" />
            </personalization_lines>
          </Item>
        </Items>
      </ShipTo>
    </ShipTos>
  </Header>
</Message>
```

Sample standard special handling information:

The `personalization_line` element(s) include the special handling instructions in the `standard_text` attribute. The `personalization_type` is set to **S** (standard), and there is no `personalization_seq_nbr`.

For more information: See the [personalization_line](#) element in the [Inbound Order XML Message \(CWORDERIN\)](#).

```

<Message source="CWINTEGRATE" target="CWDIRECT" type="CWORDERIN" resp_qmgr="CWIAS400"
resp_q="CWORDERIN.TO.CWIAS400.95Q">
  <Header company_code="027" order_number="10/24/05_f" source_code="SOURCE"
response_type="D" sold_to_prefix="Mr." sold_to_fname="Abner" sold_to_lname="Allston"
sold_to_busres="B" sold_to_address1="24 Prime Park Way" sold_to_city="Natick"
sold_to_state="MA" sold_to_zip="01760" sold_to_country="USA" pay_incl="Y"
order_type="I">
    <Payments>
      <Payment payment_type="05" cc_name="VISA" cc_number="*" cc_exp_month="12"
cc_exp_year="2005" />
    </Payments>
    <ShipTos>
      <ShipTo ship_to_number="1" item_count="1">
        <Items>
          <Item quantity="1" personalization_id="A" item_id="GELWRITER"
sku="GREN">
            <personalization_lines>
              <personalization_line personalization_type="S"
standard_text="monogram initials ABA" />
              <personalization_line personalization_type="S"
standard_text="navy ink, script format" />
            </personalization_lines>
          </Item>
        </Items>
      </ShipTo>
    </ShipTos>
  </Header>
</Message>

```

E-Commerce Messages

Purpose: E-Commerce messages contain the data transmitted between CWDirect and your web storefront. The messages can be in *Standard* mode or *XML* mode. The mode of the message is controlled by a setting in the Work with E-Commerce Job Control (**EJCT**) menu option.

Standard Mode versus XML Mode

The Work with E-Commerce Job Control (**EJCT**) menu option contains the Async jobs that process the e-commerce messages. You can run these jobs in *Standard* mode (which means the messages are passed as Name/Value Pairs) or in *XML* mode (which means the messages are passed in XML format).

Unlike standard mode, the XML Mode for the e-commerce jobs filters all incoming messages from a web storefront through a single, controlling message queue (the MESSAGE CONTROLLER). This allows easier maintenance of the MQSeries tool with some web storefront support applications, such as WebSphere Commerce Suite 5.1¹ or later.

When the e-commerce job control function is in XML mode, an additional job process, the MESSAGE CONTROLLER, displays on the Work with E-Commerce Job Control Screen (XML Mode). The message controller job is responsible for directing incoming messages to the correct ASYNC job process, and for starting that process if it is inactive. When you use XML mode, all messages are sent and received in XML format.

Note: All XML messages sent to CWDirect must conform to the DTD (document type definition) that specifies the message's components and structure. If CWDirect receives an XML message that does not conform to that message's DTD, there may be unpredictable results (assuming that CWDirect is able to identify the message type and its corresponding DTD). For example, an item availability request message that did not include the `item` element would not conform to the DTD, which specifies that this element is required.

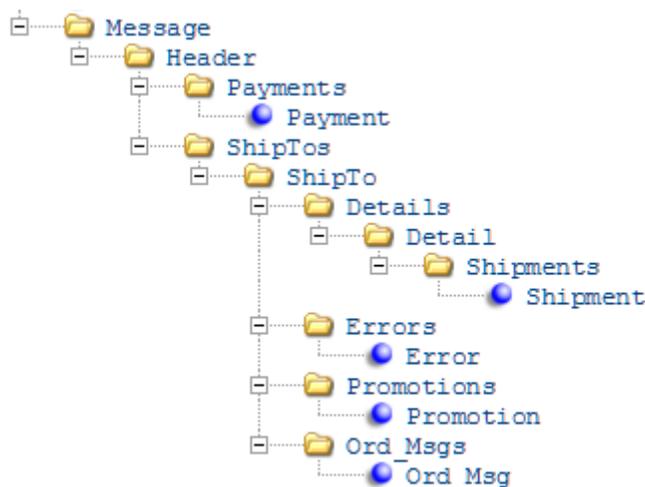
1. The above-referenced applications, and other applications referenced in this document, are trademarked or service-marked by their respective manufacturers.

For more information: See **Part I: E-Commerce Interface** in the **CWDirect User Reference** for an overview of the e-commerce interface, an explanation of the required setup, and additional processing information.

Generic Order API Messages

Unlike the e-commerce messages, the generic order API messages are processed through the Work with Integration Layer Processes (**IJCT**) menu option. These messages are only available in XML format.

Detailed Order XML Response (CWORDEROUT)



The system generates this response to the [Inbound Order XML Message \(CWORDERIN\)](#) if the [response_type](#) is **D** (detail) or **E** (errors), although errors are included only for a [response_type](#) of **E**.

Includes final totals? The *Perform Order Edit Interactively (I56)* system control value determines whether the information in this response message includes the final order totals and other information updated at the order edit, or includes preliminary totals. This system control value also controls whether errors identified through the order edit are listed in the response if the [response_type](#) in the [Inbound Order XML Message \(CWORDERIN\)](#) is set to **E**. See that system control value for more information.

Note:

- All numeric values with decimal positions are passed as implied decimals. For example, a dollar value of \$10.00 is passed as 1000.
- Attributes are included in the response only if they contain a value. Blank attributes are not passed.

For more information: See:

- [Detailed Order Response Message without Errors: Sample XML](#) for a sample message.
-

Message Attribute	Alpha/numeric	Positions	Comments
Message			
source	alphanumeric		Identifies the source of the XML message. RDC indicates the XML message originates from CWDirect.
target	alphanumeric		Identifies the target of the XML message. IDC indicates the XML message is sent to CWIntegrate.
type	alphanumeric		Identifies the type of information in the XML message.
Header			
company_code	numeric	3	The company_code from the Inbound Order Message.
order_id	numeric	8	The order number assigned by the system.
offer_id	alphanumeric	3	The offer associated with the source code assigned to the order header.
reference_order_number	alphanumeric	30	The order number from the Inbound Order Message.
customer_number	numeric	9	The number identifying the customer specified in the Inbound Order Message, or created by the system.
alternate_sold_to_id	alphanumeric	15	The <i>Alt cust #</i> field at the Second Create Customer Sold To screen (Marketing Details tab).
bill_to_number	numeric	7	The number identifying the bill-to customer specified in the Inbound Order Message, created by the system, or assigned to the sold-to customer. Passed only if the customer or order has a bill-to account.
order_date	numeric	8	The order_date from the Inbound Order Message.
order_channel	alpha	2	The order_channel from the Inbound Order Message

Message Attribute	Alpha/numeric	Positions	Comments
bill_me_later_ind	alpha	1	<p>Valid values are:</p> <p>Y = The customer has an existing Bill Me Later account</p> <p>N = The customer does not have an existing Bill Me Later account</p> <p>The system determines the setting of this flag based on whether there is an account number in the Customer Sold To BML file, regardless of whether the customer actually uses a Bill Me Later payment method on this order. For example, if the customer is applying for a Bill Me Later account with this order, then this flag is set to N, because the order has not gone out for authorization yet and the account number has not yet been established.</p> <p>The customer's Bill Me Later account number, if it exists, is shown on the Display Customer Order History screen.</p>
order_status	alpha	1	<p>The current status of the order. Valid values are:</p> <p>H = Held</p> <p>S = Suspended</p> <p>E = In error</p> <p>Included only if the status is not open (blank).</p>
order_type	alpha	1	The order_type from the Inbound Order message.
order_type_description	alpha	30	The description from the Order Type file.
b2b_order	alpha	1	<p>From the B2B order? flag in the Order Header file. This flag will always be set to N.</p> <p>Valid values are:</p> <p>Y = This is a B2B order</p> <p>N = This is not a B2B order</p> <p>This flag is set only for B2B orders and orders you receive through the e-commerce interface or the Inbound Order Message.</p>

Message Attribute	Alpha/numeric	Positions	Comments
store_restock_order	alpha	1	From the Store restock order? flag in the Order Header file. This flag will always be set to N . Valid values are: Y = This is a retail store restock order N = This is not a retail store restock order Note: This flag is set only for orders you receive through the e-commerce interface or the Inbound Order Message.
entered_date	numeric	8	The enter_date from the Inbound Order Message.
entered_time	numeric	6	The enter_time from the Inbound Order Message.
source_code	alphanumeric	9	The source_code from the Inbound Order Message.
Each of the components of the sold-to customer's name and address, listed below, are passed only if the related field for the customer record has a value specified.			
sold_to_prefix	alphanumeric	3	
sold_to_fname	alphanumeric	15	
sold_to_initial	alphanumeric	1	
sold_to_lname	alphanumeric	25	
sold_to_suffix	alphanumeric	3	
sold_to_company	alphanumeric	30	
sold_to_busres	alphanumeric	1	
sold_to_address1	alphanumeric	32	
sold_to_address2	alphanumeric	32	
sold_to_address3	alphanumeric	32	
sold_to_address4	alphanumeric	32	
sold_to_apartment	alphanumeric	10	
sold_to_city	alphanumeric	25	

Message Attribute	Alpha/numeric	Positions	Comments
sold_to_state	alphanumeric	2	
sold_to_state_description	alphanumeric	25	As set up through Working with Countries (WCTY).
sold_to_zip	alphanumeric	10	
sold_to_country	alphanumeric	3	
sold_to_day_phone	alphanumeric	14	
sold_to_evening_phone	alphanumeric	14	
sold_to_fax_phone	alphanumeric	14	
allow_rent	alphanumeric	1	
allow_email	alphanumeric	1	
allow_mail	alphanumeric	1	
sold_to_opt_in	alphanumeric	2	
ind_number	numeric	3	The ind_number from the Inbound Order Message, or assigned by the system. Passed only if there is an individual on the order.
Note: The bill-to name and address is from the Customer Bill To file, and is included only if there is a bill-to customer on the order.			
bill_to_prefix	alphanumeric	3	
bill_to_fname	alphanumeric	15	
bill_to_initial	alphanumeric	1	
bill_to_lname	alphanumeric	25	
bill_to_suffix	alphanumeric	3	
bill_to_company	alphanumeric	30	
bill_to_busres	alphanumeric	1	
bill_to_address1	alphanumeric	32	
bill_to_address2	alphanumeric	32	
bill_to_address3	alphanumeric	32	
bill_to_address4	alphanumeric	32	

Message Attribute	Alpha/numeric	Positions	Comments
bill_to_apartment	alphanumeric	10	
bill_to_city	alphanumeric	25	
bill_to_state	alphanumeric	2	
bill_to_state_description	alphanumeric	25	As set up through Work with Countries (WCTY).
bill_to_zip	alphanumeric	10	
bill_to_country	alphanumeric	3	
bill_to_day_phone	alphanumeric	14	
bill_to_eve_phone	alphanumeric	14	
bill_to_fax_phone	alphanumeric	14	
pc_expiration_date	numeric	8	The expiration date of the customer's current President's Club membership, if any, or the membership the customer is purchasing on the current order. YYYYMMDD format. Available in XML version: 3.0 (release 9.5 of CWDirect).

Message Attribute	Alpha/numeric	Positions	Comments
pc_type	alphanumeric	1	<p>Indicates the recommended action to take related to a President's Club membership. Included only if the <i>Use President's Club Membership (H94)</i> system control value is selectedset to Y. Possible values are:</p> <ul style="list-style-type: none"> J = The customer is not already a member of the President's Club. Prompt the customer to join. R = The customer's current President's Club membership is due for renewal. Prompt the customer to renew. X = There is an error related to the President's Club membership. Errors are included in the Error element if the <code>response_type</code> in the Inbound Order XML Message (CWORDERIN) was set to E. V = The customer's President's Club membership is flagged for auto-renewal. Do not prompt the customer to renew. If the customer's membership is current and it is not yet time to prompt for renewal, the <code>pc_type</code> is not included in the response.
			Available in XML version: 3.0 (release 9.5 of CWDirect).
pc_program_key	alphanumeric	6	<p>Indicates the President's Club program, if any, in which the customer is currently enrolled.</p> <p>Available in XML version: 3.0 (release 9.5 of CWDirect).</p>
Payment			
payment_seq_number	numeric	2	Indicates the sequence in which the payment methods were added to the order. From the Order Payment Method file.
pay_type	numeric	2	The payment_type from the Inbound Order Message.
pay_type_desc	alpha	30	The description associated with the pay type.

Message Attribute	Alpha/numeric	Positions	Comments
credit_card_nbr	alpha	20	The cc_number from the Inbound Order Message. Encryption: If you use credit card encryption, the credit card number in this message will not be encrypted because the message is sent to an external system. Tokenization: If you use credit card tokenization, the number may be a token rather than the actual credit card number. Auto-assignment: If the <i>Allow auto-assign</i> field for a pay category 2 (credit card) pay type is selected set to Y , the system defaults the pay category 2 pay type to the order whose leading digits match the leading digits you enter in the <i>credit_card_nbr</i> field for the order.
credit_card_exp_dt	numeric	4	The cc_exp_month and the cc_exp_year from the Inbound Order Message.
credit_card_auth_dt	numeric	6	The auth_date from the Inbound Order Message.
credit_card_auth_nbr	alpha	7	The auth_number from the Inbound Order Message.
start_date	numeric	4	The start_date from the Inbound Order Message.
card_issue_nbr	alpha	2	The card_issue_nbr from the Inbound Order Message.
check_nbr	numeric	9	The check_number from the Inbound Order Message.
gift_cert_nbr	numeric	7	The gift_certificate_number from the Inbound Order Message.
amt_to_chg	numeric	9.2	The amt_to_charge from the Inbound Order Message.
ShipTo			
ship_to_number	numeric	3	The number identifying the ship-to address on the order. Assigned by the system.
<p>The following attributes related to order totals are passed only if these amounts exist on the order. The Perform Order Edit Interactively (I56) system control value determines whether the information in this response message includes the final order totals and other information updated at the order edit, or includes preliminary totals. See that system control value for more information.</p>			

Message Attribute	Alpha/ numeric	Positions	Comments
sub_total	numeric	9.2	The merchandise total on the order ship-to, after applying any repricing or discounts.
discount_total	numeric	11.2	The discount total on the order ship-to.
shipping	numeric	7.2	Total freight charges for the order ship-to.
tax	numeric	7.2	The total tax for the order ship-to.
additional_shipping	numeric	7.2	The total additional freight (<i>Freight +</i>) for the order ship-to.
additional_charges	numeric	7.2	The total additional charges for the order ship-to.
handling	numeric	7.2	The total handling charges for the order ship-to.
order_total	numeric	11.2	The total of all merchandise, shipping, charges, handling, and tax for the order ship-to.
ship_to_status	alpha	1	Indicates the status of this shipping address. This status could differ from the order_status if, for example, the order has multiple shipping addresses and you canceled just one. Included only if the status is not open (blank).
gst	numeric	7.2	The total Canadian Goods and Service Tax, if any, that applies to the order shipping address. The GST and the PST are included in the tax total.
pst	numeric	7.2	The total Canadian Provincial Services Tax, if any, that applies to the order shipping address. The GST and the PST are included in the tax total.
gift_order	alpha	1	The gift flag from the Inbound Order Message.
purchase_order_nbr	alpha	15	The ship_to_po_number from the Inbound Order Message.
discount_pct	numeric	5.2	The discount percentage, if any, from the Order Ship To file.
ship_via_code	numeric	2	The shipping_method from the Inbound Order Message.

Message Attribute	Alpha/numeric	Positions	Comments
ship_via_description	alpha	30	The description of the ship via, as set up through Work with Ship Via Codes (WVIA).
shipping_override	alpha	1	Indicates whether the <i>Freight override</i> flag is set. Set to Y if a freight amount was specified in the inbound order message; otherwise, not included. The Display Order Properties screen displays the <i>Freight override</i> flag on the order. Available in XML version: 2.0 (release 8.0 of CWDirect).
free_gift	alphanumeric	30	Not currently implemented.
customer_number	numeric	9	Indicates the recipient customer for the order. Passed only if the shipping address is not the same as the sold-to customer.
permanent_ship_to_number	numeric	3	Indicates the permanent ship-to customer on the order. Passed only if there is a permanent ship-to.
Each of the ship_to name and address attributes listed below is passed only if the related field for the customer, recipient, permanent ship-to or order ship-to specifies a value.			
ship_to_prefix	alphanumeric	3	
ship_to_fname	alphanumeric	15	
ship_to_initial	alphanumeric	1	
ship_to_lname	alphanumeric	25	
ship_to_suffix	alphanumeric	3	
ship_to_company	alphanumeric	30	
ship_to_busres	alphanumeric	1	
ship_to_address1	alphanumeric	32	
ship_to_address2	alphanumeric	32	
ship_to_address3	alphanumeric	32	
ship_to_address4	alphanumeric	32	

Message Attribute	Alpha/numeric	Positions	Comments
ship_to_apartment	alphanumeric	10	
ship_to_city	alphanumeric	25	
ship_to_state	alphanumeric	2	
ship_to_state_description	alpha	25	As set up through Work with Countries (WCTY).
ship_to_zip	alphanumeric	10	
ship_to_country	alphanumeric	3	
Detail			
line_seq_number	numeric	3	A unique number to identify each detail line on the order.
short_sku_number	numeric	7	From the SKU file; see short_sku_number for more information. Passed regardless of whether the short SKU was specified in the Inbound Order Message.
retail_ref_number	numeric	15	See retail_ref_number . Passed only if a retail reference number exists for the item, but regardless of whether it was specified in the Inbound Order Message.
status	alphanumeric	1	Set to S if the item is sold out; otherwise, not passed.
item_id	alphanumeric	12	Always passed.
item_description	alphanumeric	30	The description of the item.
sku	alphanumeric	14	Passed only if the item has SKUs.
sku_description	alphanumeric	40	The description of the SKU.
actual_price	numeric	7.2	The unit price of the item from the Order Detail file. Not included for free gift or no-charge items. Set items: The actual_price is specified for the master item of a set item, and not for the components, unless the set has
offer_price	numeric	7.2	The unit price of the item as defined for the Item Offer or SKU offer and saved in the Order Detail file.

Message Attribute	Alpha/numeric	Positions	Comments
drop_ship	alphanumeric	1	A Y indicates the item is a drop ship item; otherwise, N is passed.
detail_ship_via	numeric	2	Passed only if the order detail line has a ship via override. See line shipping method .
<p>The three following values are related to store fulfillment requests. When an order line is flagged for store fulfillment, the order detail information is available for the order response message only if the system has not yet created the actual store fulfillment request, which deletes the order detail line.</p>			
pickup_type	alphanumeric	2	Indicates the store fulfillment request type, if any. Valid values are: SP = the customer will pick up the item(s) at the store SS = the store location will ship the item(s) directly to the customer
pickup_system_location	alphanumeric	10	A code identifying the system associated with the store fulfillment location. For example, if <i>pickup_location 10</i> indicates a particular store, the system might indicate the CWStore database. Passed only for a store fulfillment request.
pickup_location	alphanumeric	10	A code identifying the location where the customer will pick up the item, or which should ship the item directly to the customer. Passed only for a store fulfillment request.
order_quantity	numeric	5	The quantity from the Inbound Order Message. Always passed.
reserved_warehouse	numeric	3	The warehouse where the item is reserved. Passed only if the item is reserved.
reserve_quantity	numeric	5	Passed only if the item is reserved. May be less than the <i>order_quantity</i> .
sold_out_quantity	numeric	5	Passed only if the item is sold out. May be less than the <i>order_quantity</i> .

Message Attribute	Alpha/numeric	Positions	Comments
expected_ship_date	numeric	8	Passed only if the item is backordered and there is an open purchase order for the item. MMDDYYYY format, or if the <i>Calculate Expected Date in OE if No PO</i> system control value is selectedset to Y . This date is included for drop ship items only if the <i>Assign Drop Ship Expected Ship Date (159)</i> system control value is selectedset to Y . See that system control value for more information.
tax	numeric	10.5	The total tax amount applied to the order detail line. Available in XML version: 2.0 (release 8.0 of CWDirect).
gst_tax	numeric	10.5	The total GST tax, if any, applied to the order detail line. Available in XML version: 2.0 (release 8.0 of CWDirect).
pst_tax	numeric	10.5	The total PST tax, if any, applied to the order detail line. Available in XML version: 2.0 (release 8.0 of CWDirect).
set_main_item	alpha	1	Indicates whether the item is the main item of a set: Y = a main set item N = not a main set item Available in XML version: 4.0 (release 12.5 of CWDirect).
set_component_item	alpha	1	Indicates whether the item was added to the order as a component of a set: Y = a set component N = not a set component Available in XML version: 4.0 (release 12.5 of CWDirect).
set_seq_number	numeric	3	Indicates the sequence number that uniquely identifies a set and its components on this order. The main set item and its components have the same set sequence number. This attribute is not included for items that are not part of a set. Available in XML version: 4.0 (release 12.5 of CWDirect).

Message Attribute	Alpha/numeric	Positions	Comments
gift_wrap	alpha	1	Indicates whether the item should be gift wrapped: Y = gift wrap the item N = do not gift wrap the item Available in XML version: 5.0 (release 17.0 of CWDirect)
Shipment Note: This element is not used as part of the generic order interface (order API).			
invoice_nbr	numeric	7	
invoice_ship_quantity	numeric	5	
invoice_ship_date	numeric	8	
invoice_tracking_nbr	alpha	30	
invoice_ship_via_code	numeric	2	
invoice_ship_via_desc	alpha	30	
Error This element is included only if the response_type in the Inbound Order XML Message (CWORDERIN) is set to E , and the system finds errors after processing the information in the inbound message. See Order Creation and Maintenance Errors for a listing of possible errors. Available in XML version: The Errors element and all of its attributes are available in version 3.0 (release 9.5 of CWDirect).			
error_type	alphanumeric	3	Indicates whether the error is related to the order header or one of the order detail lines. Valid values are: <ul style="list-style-type: none"> HDR = The error is related to the order header DTLS = The error is related to an order detail line
error_code	alphanumeric	2	A unique code to identify the error. See Order Creation and Maintenance Errors for a listing of possible errors.
error_ship_to	numeric	3	Identifies the shipping address on the order that is related to the error. Set to 1 if there is a single shipping address on the order.

Message Attribute	Alpha/numeric	Positions	Comments
error_odt_seq	numeric	5	Identifies the order detail line number related to the error.
error_text	alphanumeric	25	The description of the error. See Order Creation and Maintenance Errors for a listing of possible errors.
<p>Promotion</p> <p>The Promotion element lists the type of end of order promotions that were applied to the order. You can use this information on the web storefront to display to the customer the type of promotions for which the order qualifies, such as ship via upgrade, reduced or free freight, or free items. Other types of promotions, such as those that apply a discount to item pricing, are not listed in this element, although any discounts they apply are reflected in the pricing indicated in the response message.</p> <p>The Promotion element is included only if the <i>Apply End of Order Discounts during Repricing (J37)</i> system control value is selected set to Y. Also, the response_type must be set to D (detail) or E (errors).</p> <p>Available in XML version: The Promotion element and all of its attributes are available in version 3.0 (release 10.0 of CWDirect).</p>			
promotion_type_code	alphanumeric	2	<p>A code used to identify the type of promotion applied to the order. Valid values:</p> <ul style="list-style-type: none"> FF = free freight FO = freight override FA = additional charge on freight promotion FV = ship via override on freight promotion AA = additional charge on additional freight promotion AV = ship via override on additional freight promotion OA = additional charge on order promotion OV = ship via override on order promotion TA = additional charge on tiered promotion TG = free gift on tiered promotion RA = additional charge on offer promotion RG = free gift on offer promotion SA = additional charge on source promotion SG = free gift on source promotion PI = package insert
			<p>PT = premium</p> <p>From the <i>Promotion type</i> field in the Order Discount Audit file.</p>

Message Attribute	Alpha/numeric	Positions	Comments
promotion_type_code_desc	alphanumeric	25	<p>A description of the type of promotion applied to the order.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> • free freight • freight override • additional charge on freight promotion • ship via override on freight promotion • additional charge on additional freight promotion • ship via override on additional freight promotion • additional charge on order promotion • ship via override on order promotion • additional charge on tiered promotion • free gift on tiered promotion • additional charge on offer promotion • free gift on offer promotion • additional charge on source promotion • free gift on source promotion • package insert • premium
promotion_original_freight_amt	numeric	7.2	<p>The freight amount for the order ship to before it was discounted by a freight promotion.</p> <p>This value is only populated for the FF (free freight) or FO (freight override) promotion types.</p> <p>From the <i>Original freight</i> field in the Order Discount Audit file.</p>
promotion_freight_amt	numeric	7.2	<p>The freight amount for the order ship to after the freight promotion has been applied to the order.</p> <p>If freight is not being charged for the order ship to, the freight amount is 0.00.</p> <p>This value is only populated for the FF (free freight) and FO (freight override) promotion types.</p> <p>From the <i>Promotion freight amt</i> field in the Order Discount Audit file.</p>

Message Attribute	Alpha/numeric	Positions	Comments
promotion_addl_charge_code	numeric	2	<p>The additional charge code that was added to the order as a result of the promotion. This value is only populated for the following promotion types:</p> <ul style="list-style-type: none"> • FA (additional charge on freight promotion) • AA (additional charge on additional freight promotion) • OA (additional charge on order promotion) • TA (additional charge on tiered promotion) • RA (additional charge on offer promotion) • SA (additional charge on source promotion) <p>From the <i>Add'l chg code</i> field in the Additional Charge file. Based on the <i>OAC seq #</i> field in the Order Discount Audit file.</p>
promotion_addl_charge_code_desc	alphanumeric	30	<p>The description of the additional charge code that was added to the order as a result of the promotion.</p> <p>From the <i>Description</i> field in the Additional Charge file.</p>
promotion_addl_charge_amt	numeric	7.2	<p>The amount of the additional charge that was applied to the order as a result of the promotion. Typically, this amount is a negative amount. This value is only populated for the following promotion types:</p> <ul style="list-style-type: none"> • FA (additional charge on freight promotion) • AA (additional charge on additional freight promotion) • OA (additional charge on order promotion) • TA (additional charge on tiered promotion) • RA (additional charge on offer promotion) • SA (additional charge on source promotion) <p>From the <i>OAC Add'l charges</i> field in the Order Discount Audit file.</p>

Message Attribute	Alpha/numeric	Positions	Comments
original_shipping_method	numeric	2	The ship via for the order ship to before it was overridden by the promotion. This value is only populated for the following promotion types: <ul style="list-style-type: none"> • FV (ship via override on freight promotion) • AV (ship via override on additional freight promotion) • OV (ship via override on order promotion) From the <i>Original ship via</i> field in the Order Discount Audit file.
original_shipping_method_desc	alphanumeric	30	The description of the ship via that was assigned to the order before it was overridden by the promotion. From the <i>Shipper name</i> field in the Ship Via file.
promotion_shipping_method	numeric	2	The ship via for the order ship to after the promotion has been applied to the order. This value is only populated for the following promotion types: <ul style="list-style-type: none"> • FV (ship via override on freight promotion) • AV (ship via override on additional freight promotion) • OV (ship via override on order promotion) From the <i>Promotion ship via</i> field in the Order Discount Audit file.
promotion_shipping_method_desc	alphanumeric	30	The description of the ship via that was assigned to the order as a result of the promotion. From the <i>Shipper name</i> field in the Ship Via file.

Message Attribute	Alpha/numeric	Positions	Comments
promotion_item_id	alphanumeric	12	<p>A code for the item that was added to the order as a result of a free gift, premium, or package insert.</p> <p>This value is only populated for the following promotion types:</p> <ul style="list-style-type: none"> • TG (free gift on tiered promotion) • RG (free gift on offer promotion) • SG (free gift on source promotion) • PI (package insert) • PT (premium) <p>From the <i>ITM number</i> field in the Order Detail file. Based on the <i>ODT seq #</i> field in the Order Discount Audit file.</p>
promotion_item_desc	alphanumeric	40	<p>A description of the item that was added to the order as a result of a free gift, premium, or package insert.</p> <p>From the <i>Description</i> field in the Item file.</p>
promotion_sku	alphanumeric	14	<p>A code for the SKU of the item that was added to the order as a result of a free gift, premium, or package insert.</p> <p>This value is only populated for the following promotion types:</p> <ul style="list-style-type: none"> • TG (free gift on tiered promotion) • RG (free gift on offer promotion) • SG (free gift on source promotion) • PI (package insert) • PT (premium) <p>From the <i>SKU code</i> field in the Order Detail file. Based on the <i>ODT seq #</i> field in the Order Discount Audit file.</p>
promotion_sku_desc	alphanumeric	40	<p>A description of the SKU that was added to the order as a result of a free gift, premium, or package insert.</p> <p>From the <i>Description</i> field in the SKU file.</p>

Message Attribute	Alpha/numeric	Positions	Comments
promotion_offer_price	numeric	7.2	The offer price for the order detail line associated with the promotion, if one exists. This value is only populated for the following promotion types: <ul style="list-style-type: none"> • TG (free gift on tiered promotion) • RG (free gift on offer promotion) • SG (free gift on source promotion) • PI (package insert) • PT (premium) From the <i>Offer price</i> field in the Order Detail file.
promotion_price	numeric	7.2	The selling price of the order detail line associated with the promotion. If the item is free of charge, the price is 0.00 . This value is only populated for the following promotion types: <ul style="list-style-type: none"> • TG (free gift on tiered promotion) • RG (free gift on offer promotion) • SG (free gift on source promotion) • PI (package insert) • PT (premium) From the <i>ODT price</i> field in the Order Detail file.
promotion_line_seq_nbr	numeric	5	The sequence number of the order line associated with the promotion. From the <i>ODT seq #</i> field in the Order Discount Audit file.
Ord_Msg Available in XML version: The Ord_Msg element lists each order message whose <i>Print</i> flag is set to G (gift message). The Ord_Msg and each of its attributes are available in version 5.0 (release 17.0 of CWDirect).			
ord_msg_code	alphanumeric	1	Always set to G (gift message). Only gift messages are included in the CWORDEROUT message.
ord_msg_text	alphanumeric	60	A gift message entered for the order.

Detailed Order Response Message without Errors: Sample XML

A sample of the [Detailed Order XML Response \(CWORDEROUT\)](#) that does not include errors is presented below. The ORDER_IN job produces this response format if the *response_type* for the [Inbound Order XML Message \(CWORDERIN\)](#) is set to **D**, or if the *response_type* is **E** and there are no errors.

```
<Message source="RDC" target="IDC" type="CWORDEROUT">
```

```

<Header company_code="27" order_id="10540" reference_order_number="EXT_SAMP"
customer_number="1266" alternate_sold_to_id="000000056" order_date="12232013"
order_channel="I" bill_me_later_ind="N" order_type="I" order_type_description="E-
COMMERCE ORDERS" b2b_order="N" store_restock_order="N" entered_date="12232013"
entered_time="163947" email_confirm_date="12232013" source_code="SOURCE"
offer_id="OFR" sold_to_prefix="MR." sold_to_fname="GEORGE" sold_to_initial="D"
sold_to_lname="WUFFE" sold_to_company="COMMERCIALWARE" sold_to_busres="B"
sold_to_address1="24 PRIME PARK WAY" sold_to_city="NATICK" sold_to_state="MA"
sold_to_state_description="MASSACHUSETTS" sold_to_zip="01760" sold_to_country="USA"
allow_rent="Y" allow_mail="Y" sold_to_opt_in="O1" >
  <Payments>
    <Payment payment_seq_number="1" pay_type="5" pay_type_desc="VISA"
credit_card_nbr="5" credit_card_exp_dt="1220"/>
  </Payments>
  <ShipTos>
    <ShipTo ship_to_number="1" sub_total="5000" shipping="500"
additional_shipping="123" tax="500" order_total="6123" gift_order="N"
ship_via_code="1" ship_via_description="Large Thumb Inc." ship_to_prefix="MR."
ship_to_fname="JAKE" ship_to_initial="D" ship_to_lname="VAN VOORHIS"
ship_to_company="VAN VOORHIS CONSULTING" ship_to_busres="B"
ship_to_address1="1800 WEST PARK DRIVE" ship_to_city="WESTBOROUGH"
ship_to_state="MA" ship_to_state_description="MASSACHUSETTS"
ship_to_zip="01581" ship_to_country="USA" >
      <Details>
        <Detail line_seq_number="1" short_sku_number="1928" item_id="PEN23"
item_description="COMFORT-GRIP PEN" sku="BLUE" sku_description="BLUE
INK" actual_price="500" offer_price="500" drop_ship="N"
order_quantity="10" tax="500000" reserved_warehouse="2"
reserve_quantity="10" gift_wrap="Y">
          </Detail>
        </Details>
      <Ord_Msgs>
        <Ord_Msg ord_msg_code="G" ord_msg_text="Merry Christmas from your
friend George">
          </Ord_Msg>
        </Ord_Msgs>
      </ShipTo>
    </ShipTos>
  </Header>
</Message>

```

Detailed Order Response Message with Errors: Sample XML

A sample of the [Detailed Order XML Response \(CWORDEROUT\)](#) that includes errors is presented below. The ORDER_IN job produces this response format if the `response_type` for the [Inbound Order XML Message \(CWORDERIN\)](#) is set to **E** and there are any errors.

For more information: See [Order Acknowledgement Message: Sample XMLs](#) for an example of the message generated when the order API cannot identify the order to update or the company where the order should be created.

```

<Message source="RDC" target="IDC" type="CWORDEROUT">
  <Header company_code="27" order_id="11526" reference_order_number="CPW11030"
customer_number="1642" alternate_sold_to_id="20040" order_date="11032005"
order_channel="I" bill_me_later_ind="N" order_status="E" order_type="I"
order_type_description="E-COMMERCE ORDERS" b2b_order="N" store_restock_order="N"
entered_date="11032005" entered_time="140309" source_code="SOURCE1" offer_id="SCT"
sold_to_prefix="MS." sold_to_fname="DEBORAH" sold_to_lname="SAMSON" sold_to_busres="B"
sold_to_address1="24 PRIME PARK WAY" sold_to_city="NATICK" sold_to_state="MA"

```

```

sold_to_state_description="MASSACHUSETTS" sold_to_zip="01760" sold_to_country="USA"
allow_rent="Y" allow_mail="Y" sold_to_opt_in="01" pc_expiration_date="20051203"
pc_program_key="PCJOIN2" >
  <Payments>
  </Payments>
  <ShipTos>
    <ShipTo ship_to_number="1" sub_total="2500" additional_shipping="123" tax="184"
order_total="2807" ship_to_status="S" gift_order="N" ship_via_code="1"
ship_via_description="STANDARD SHIPPING" shipping_override="N"
ship_to_prefix="MS." ship_to_fname="DEBORAH" ship_to_lname="SAMSON"
ship_to_busres="B" ship_to_address1="24 PRIME PARK WAY" ship_to_city="NATICK"
ship_to_state="MA" ship_to_state_description="MASSACHUSETTS"
ship_to_zip="01760" ship_to_country="USA" >
      <Details>
        <Detail line_seq_number="1" short_sku_number="1928" item_id="PEN23"
item_description="COMFORT-GRIP GEL PEN" sku="BLUE"
sku_description="BLUE INK MEDIUM" actual_price="1000"
offer_price="1000" drop_ship="N" order_quantity="1" tax="70000"
reserved_warehouse="2" reserve_quantity="1">
          </Detail>
        <Detail line_seq_number="2" short_sku_number="1927" item_id="PEN23"
item_description="COMFORT GRIP GEL PEN" sku="BLK"
sku_description="BLACK INK MEDIUM" actual_price="1000"
offer_price="1000" drop_ship="N" order_quantity="1" tax="70000"
reserved_warehouse="2" reserve_quantity="1">
          </Detail>
        <Detail line_seq_number="3" short_sku_number="2077" item_id="PCJOIN2"
item_description="TRIAL ONE-MONTH MEMBERSHIP" actual_price="500"
drop_ship="N" order_quantity="1" tax="35000" reserved_warehouse="2"
reserve_quantity="1">
          </Detail>
      </Details>
      <Errors>
        <Error error_type="HDR" error_code="Z2" error_text="No Paytypes for
Order">
          </Error>
        <Error error_type="HDR" error_code="58" error_ship_to="1"
error_text="Offer Restricted">
          </Error>
      </Errors>
    </ShipTo>
  </ShipTos>
</Header>
</Message>

```

Order Acknowledgement XML Message (CWORDEROUT)



The system generates this response to the [Inbound Order XML Message \(CWORDERIN\)](#) if the [response_type](#) is **A** (acknowledge).

Note:

- All numeric values with decimal positions are passed as implied decimals. For example, a dollar value of \$10.00 is passed as 1000.

- Attributes are included in the response only if they contain a value. Blank attributes are not passed.

For more information: See [Order Acknowledgement Message: Sample XMLs](#) for sample messages.

Message Attribute	Alpha/numeric	Positions	Comments
Message			
source	alphanumeric		Identifies the source of the XML message. RDC indicates the XML message originates from CWDirect.
target	alphanumeric		Identifies the target of the XML message. IDC indicates the XML message is sent to CWIntegrate.
type	alphanumeric		Identifies the type of information in the XML message.
Header			
company_code	numeric	3	The company_code from the Inbound Order Message.
order_id	numeric	8	The order number assigned by the system.
reference_order_number	alphanumeric	30	The order_number from the Inbound Order Message.
customer_number	numeric	9	The number identifying the customer specified in the Inbound Order Message, or created by the system.
alternate_sold_to_id	alphanumeric	15	The <i>Alt cust #</i> field at the Second Create Customer Sold To screen (Marketing Details tab).
bill_to_number	numeric	7	The number identifying the bill-to customer specified in the Inbound Order Message, created by the system, or assigned to the sold-to customer. Passed only if the customer or order has a bill-to account.
order_date	numeric	8	The order_date from the Inbound Order Message.
order_channel	alpha	2	The order_channel from the Inbound Order Message

Message Attribute	Alpha/numeric	Positions	Comments
bill_me_later_ind	alpha	1	<p>Valid values are:</p> <p>Y = The customer has an existing Bill Me Later account</p> <p>N = The customer does not have an existing Bill Me Later account</p> <p>The system determines the setting of this flag based on whether there is an account number in the Customer Sold To BML file, regardless of whether the customer actually uses a Bill Me Later payment method on this order. For example, if the customer is applying for a Bill Me Later account with this order, then this flag is set to N, because the order has not gone out for authorization yet and the account number has not yet been established.</p>

Order Acknowledgement Message: Sample XMLs

Successful message: A sample of the [Order Acknowledgement XML Message \(CWORDEROUT\)](#) is presented below.

```
<Message source="RDC" target="IDC" type="CWORDEROUT">
  <Header company_code="555" order_id="7828" reference_order_number="104051"
    customer_number="6" alternate_sold_to_id="CUSTOMER 6" bill_to_number="3"
    order_date="01042005" order_channel="I" bill_me_later_ind="N" />
</Message>
```

Order not found: The order API returns this message when the `response_type` in the [Inbound Order XML Message \(CWORDERIN\)](#) is **A**, **D**, or **E** if it cannot locate an order.

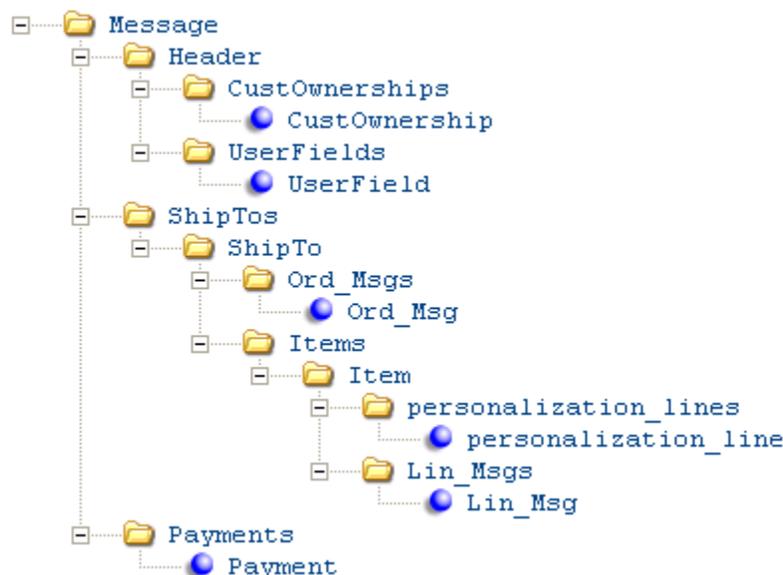
```
<Message source="RDC" target="IDC" type="CWORDEROUT">Error: The order could not be
located.</Message>
```

This error occurs when:

- *If the company is not valid:* This error occurs whenever the [Inbound Order XML Message \(CWORDERIN\)](#) does not specify a valid company in the `company_code` attribute.
- *Payment-only messages:* This error occurs the [Inbound Order XML Message \(CWORDERIN\)](#) includes payment information to apply to a suspended order if:
 - the `rdc_order_nbr` identifying the CWDirect order does not match an existing order
 - no `rdc_order_nbr` is specified

Note: As long as the `rdc_order_nbr` is correct, the order API can apply the payment against the existing order, regardless of whether the inbound message specifies the correct web order number in the `order_number` attribute.

E-Commerce New Order Message (CWCreateOrder)



The EC_ORDERS job, started through E-Commerce Job Control (**EJCT**), receives New Order messages from the web storefront to create a new order in CWDirect.

The main purposes of this job:

- create the order (using the order type specified in the *E-Commerce Order Type (G42)* system control value)
- create the customer, if needed
- reserve inventory (exploding set items, although this is not visible on the web storefront)
- send the new order number to the web storefront
- possibly, delete an order and create a new one if the customer changes key information on the web storefront

Payment information can be included as part of the New Order message, depending on the design of your web storefront; otherwise, payment information is received separately in the [E-Commerce Payment Message \(CWPayment\)](#). In addition, if the payment information for the new order is sent separately from the rest of the order, the EC_ORDERS job sends an [E-Commerce New Order Response Message \(CWOrderResponse\)](#) to the web storefront.

For more information: See:

- [E-Commerce New Order Message: Sample XML](#)
- [E-Commerce New Order Message: Sample NVP](#)

Generic Order API: You can also create an order using the generic order interface (order API).

Name/Value Pair layout: The e-commerce New Order Request (EC_ORDERS) name/value pair message uses the following layout: name=value.

Example:

```
companycode=555
order_id=7557
offer_id=204
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Note: If a field is included in the name/value pair message, the field must be included in the order shown below. However, if the field is empty, the field does not need to be sent.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the message. WEB indicates the XML message is from the web storefront. Required.
target	alpha		Identifies the target of the message. RDC indicates the XML message is sent to CWDirect. Required.
type	alpha		Identifies the type of information in the XML message. CWCreateOrder indicates the message contains a new order request. Required.
resp_qmgr	alpha	44	The MQ Series queue manager identified for the process queue in E-Commerce Job Control (EJCT).

Attribute Name	Type	Length	Comments
resp_q	alpha	44	The MQ Series queue identified for the process queue in E-Commerce Job Control (EJCT).
Header One Header element is required.			
company_code	numeric	3	Identifies the company for the order. Validated against the Company file. Required.
order_number	alpha	32	Updates the <i>E-commerce order number</i> in the Order Header Extended file. This field is labeled the <i>Web order number</i> at the Display Order Properties screen. Important: A unique order_number is required for every order received through the e-commerce New Order message to avoid the risk of having an unaccepted order replaced when another New Order message is received.
offer_id	alpha	3	Identifies the offer on the order.
source_code	alpha	9	Updates the <i>OHD SRC source code</i> field in the Order Header file. If this value exceeds the maximum length of 9 positions, it will be truncated. If the order header source code matches the source code in the <i>Default Unknown Source Code (158)</i> system control value, the system updates the source code on the order header to the source code associated with the offer on the first order detail line. Required.
The <i>bill_to</i> customer fields below identify the sold to customer on the order.			
bill_to_prefix	alpha	3	Maps to the <i>Prefix</i> field in the Customer Sold To file. If the <i>Validate Prefix (I27)</i> system control value is selected set to Y , the prefix is validated against the Prefix file. In this situation, if the customer's prefix is invalid, the order will be in error with a reason of <i>Invalid Prefix Code</i> (however, this message can also indicate a problem with the ar_prefix). Available in version: 7.0 or later of CWDirect for XML; 8.5 or later for name/value pair.
bill_to_fname	alpha	15	Maps to the <i>First name</i> field in the Customer Sold To file.

Attribute Name	Type	Length	Comments
bill_to_initial	alpha	1	Maps to the <i>Initial</i> field in the Customer Sold To file. Available in version: 6.0 or later of CWDirect.
bill_to_lname	alpha	25	Maps to the <i>Last name</i> field in the Customer Sold To file. If you change a customer address but do not specify either a last name or a <i>sold_to_company</i> , none of the changes specified for the Customer Sold To file will take place; however, updates to related files, such as the Customer Sold To Phone # or Customer Sold To Extended, will still take place.
bill_to_suffix	alpha	3	Maps to the <i>Suffix</i> field in the Customer Sold To file. Available in version: 7.0 or later of CWDirect for XML only.
bill_to_company	alpha	30	Maps to the <i>Company name</i> field in the Customer Sold To file. If you change a customer address but do not specify either a <i>sold_to_lname</i> or a company, none of the changes specified for the Customer Sold To file will take place; however, updates to related files, such as the Customer Sold To Phone # or Customer Sold To Extended, will still take place.
bill_to_busres	alpha	1	Maps to the <i>Delivery code</i> field in the Customer Sold To file. Valid values are: B = business R = residence If this value is not specified and you are creating or updating the customer address, the system uses the <i>Default Delivery Code for New Order Entry Customers (D13)</i> .
bill_to_address1	alpha	32	Maps to the <i>Street address</i> field in the Customer Sold To file. If you enter PO box or P.O. box in this field, the system selects the <i>PO box</i> field for the customer. If you remove PO box or P.O. box from this field, the system unselects the <i>PO box</i> field for the customer.
bill_to_address2	alpha	32	Maps to the <i>Address line 2</i> field in the Customer Sold To file.

Attribute Name	Type	Length	Comments
bill_to_address3	alpha	32	Maps to the <i>Address line 3</i> field in the Customer Sold To Extended file.
bill_to_address4	alpha	32	Maps to the <i>Address line 4</i> field in the Customer Sold To Extended file.
bill_to_apartment	alpha	10	Maps to the <i>Apartment</i> field in the Customer Sold To Extended file. Available in version: 6.0 or later of CWDirect.
bill_to_city	alpha	25	Maps to the <i>City</i> field in the Customer Sold To file.
bill_to_state	alpha	2	Maps to the <i>State</i> field in the Customer Sold To file.
bill_to_country	alpha	3	Maps to the <i>Country</i> field in the Customer Sold To file. If no country code is specified here, the system uses the <i>Default Country for Customer Address (B17)</i> . If the country is invalid, the order will be in error with a reason of <i>Country Not Found</i> .
bill_to_zip	alpha	10	Maps to the <i>Zip</i> field in the Customer Sold To file. If the SCF related to the zip code is invalid, the order will be in error with a reason of <i>SCF not Found</i> .
bill_to_email	alpha	50	Maps to the <i>Email</i> field in the Customer Sold To file. If the email address is not properly formatted, the order will be in error.
bill_to_day_phone	alpha	14	Maps to the <i>Phone</i> field in the Customer Sold To Phone # file.
bill_to_evening_phone	alpha	14	Used to identify the sold-to customer. The phone number should be unformatted; or, if it is formatted, it should be correctly formatted based on the phone number formatting specified for the customer's country to create, match, or update the customer correctly.

Attribute Name	Type	Length	Comments
bill_to_fax_phone	alpha	14	Maps to the <i>Phone</i> field in the Customer Sold To Phone # file whose <i>CS# Phone # type</i> is F ; see the <i>Fax</i> field at the Second Create Customer Sold To screen (Marketing Details tab). The phone number should be unformatted; or, if it is formatted, it should be correctly formatted based on the phone number formatting specified for the customer's country to create, match, or update the customer correctly. Available in version: 7.0 or later of CWDirect for XML only.
bill_to_opt_in	alpha	2	Maps to the <i>CST Email status</i> field in the Customer Sold To file; see the <i>Opt in/opt out</i> field at the First Create Sold To Customer screen (Address tab). If no value is specified in the message and you are creating a new customer, the system uses the <i>Default Opt In/Opt Out Flag (G97)</i> . Available in version: 4.0 or later of CWDirect.
allow_rent	alpha	1	Maps to the <i>CST Rent name?</i> field in the Customer Sold To file; see the <i>Rent</i> flag at the First Create Sold To Customer screen (Address tab). If no value is specified in the message and you are creating a new customer, the system uses the <i>Default Rent Name (D11)</i> .
allow_email	alpha	1	This field is not currently implemented.
allow_mail	alpha	1	Maps to the <i>CST Mail name?</i> field in the Customer Sold To file; see the <i>Mail</i> flag at the First Create Sold To Customer Screen (Address tab). If no value is specified in the message and you are creating a new customer, the system uses the <i>Default Mail Name (D10)</i> .
customer_number	numeric	9	Updates the <i>Customer #</i> field in the Order Header file.
nbr_ship_tos	numeric	3	Indicates the number of ship to customers on the order. Available in version: 4.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
pay_incl	alpha	1	Indicates whether the message includes payment method information. If the payment method information will be sent in a separate message, the order remains suspended until the payment method message is received. If the system receives another order for the same customer before payment information is received for the first order, the first order is deleted and replaced with the second order. Valid values are: Y = Payment information is included in the message. N = Payment information will be sent in a separate message. If this flag is set to N , no payment methods will be added to the order even if the information is included in the message. Available in version: 4.0 or later of CWDirect.
The <i>ind</i> customer fields below identify the individual customer on the order.			
ind_number	numeric	3	A unique number to identify the individual associated with the sold to customer. Maps to the <i>OHE Placer</i> field in the Order Header Extended file. Available in version: 6.0 or later of CWDirect.
ind_dept	alpha	3	A code that represents the individual's department within the organization. Maps to the <i>CIF Department</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_position	alpha	3	A code that represents the individual's position within the organization. Maps to the <i>CIF Position</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_prefix	alpha	3	The individual's title, such as Mr. or Mrs. Maps to the <i>CIF Name prefix</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_fname	alpha	15	The individual's first name. Maps to the <i>CIF First name</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
ind_initial	alpha	1	The individual's middle initial. Maps to the <i>CIF Middle initial</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_lname	alpha	25	The individual's last name. Maps to the <i>CIF Last name</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_suffix	alpha	3	The individual's suffix, such as Jr. or Sr. Maps to the <i>CIF Name suffix</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_day_phone	alpha	14	The individual's day, evening, and fax numbers. Maps to the <i>Day phone</i> , <i>Eve phone</i> , or <i>Fax phone</i> in the Customer Individual file. The phone number should be unformatted; or, if it is formatted, it should be correctly formatted based on the phone number formatting specified for the customer's country to create, match, or update the customer correctly. Available in version: 6.0 or later of CWDirect.
ind_eve_phone	alpha	14	
ind_fax_phone	alpha	14	
ind_email_address	alpha	50	The individual's email address. Maps to the <i>CIF Email address</i> field in the Customer Individual file. If the <i>Default Individual Email Address (J17)</i> system control value is selected set to Y , the system defaults the individual's email address to the <i>Order email address</i> field on the order. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
ind_opt_in	alpha	2	<p>Indicates the preferred method of correspondence for the individual's email address. Valid values are:</p> <p>O1 (Email): Email is the preferred method of correspondence.</p> <p>O2 (Order-only email): Use email for order-related correspondence only; generate a spool file for other correspondence.</p> <p>O3 (No email): Do not use email for any correspondence; generate a spool file instead.</p> <p>O4 (Do not ask customer): Do not ask the customer for his/her email address.</p> <p>Maps to the <i>CIF Opt in/opt out</i> field in the Customer Individual file.</p> <p>If you do not specify a setting here, the OptIn setting for the individual defaults from the <i>Default Opt In/Opt Out Flag (G97)</i> system control value.</p> <p>Available in version: 7.0 or later of CWDirect for XML only.</p>
ind_mail_flag	alpha	1	<p>A code that further defines when and under what conditions you mail to the individual.</p> <p>Maps to the <i>CIF Mail flag</i> field in the Customer Individual file.</p> <p>If you do not specify a setting here, the Mail flag for the individual will be blank.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
ind_rent_flag	alpha	1	<p>A code that indicates whether to include the individual's name in lists you sell to other companies.</p> <p>Y = Rent the individual's name to other companies.</p> <p>N = Do not rent the individual's name to other companies.</p> <p>Maps to the <i>CIF Rent flag</i> field in the Customer Individual file.</p> <p>If you do not specify a setting here, the Rent flag for the individual will be blank.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
The <i>ar</i> customer fields below identify the bill to customer on the order.			

Attribute Name	Type	Length	Comments
ar_number	numeric	7	<p>A unique number to identify a customer billing account. Updates the <i>CBT Account #</i> field in the Order Header file.</p> <p>Note:</p> <ul style="list-style-type: none"> The system does not update an existing bill-to customer through the Inbound Order Message. Having the Create/Assign Bill To Customers in Order Entry (A76) system control value unselected set to N does not prevent you from specifying an existing bill-to here and assigning it to the order. <p>Available in version: 6.0 or later of CWDirect.</p>
ar_prefix	alpha	3	<p>A title assigned to the bill to customer, such as Mr. or Mrs. Maps to the <i>Prefix</i> field in the Customer Bill To file.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
ar_fname	alpha	15	<p>The bill to customer's first name. Maps to the <i>First name</i> field in the Customer Bill To file.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
ar_initial	alpha	1	<p>The bill to customer's middle initial. Maps to the <i>Initial</i> field in the Customer Bill To file.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
ar_lname	alpha	25	<p>The bill to customer's last name. Maps to the <i>Last name</i> field in the Customer Bill To file.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
ar_suffix	alpha	3	<p>An addition to the customer's name, such as Jr. or Sr. Maps to the <i>Suffix</i> field in the Customer Bill To file.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
ar_company_name	alpha	30	<p>The name of the bill to customer's company. Maps to the <i>Company name</i> field in the Customer Bill To file.</p> <p>Available in version: 6.0 or later of CWDirect.</p>

Attribute Name	Type	Length	Comments
ar_street_address	alpha	32	The street address where the bill to customer resides. Maps to the <i>Street address</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_address_2	alpha	32	The second address line of the bill to customer's address. Maps to the <i>Address line 2</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_address_3	alpha	32	The third address line of the bill to customer's address. Maps to the <i>Address line 3</i> field in the Customer Bill To Extended file. Available in version: 6.0 or later of CWDirect.
ar_address_4	alpha	32	The fourth address line of the bill to customer's address. Maps to the <i>Address line 4</i> field in the Customer Bill To Extended file. Available in version: 6.0 or later of CWDirect.
ar_apt	alpha	10	The apartment/suite number of the bill to customer's address. Maps to the <i>Apartment</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_city	alpha	25	The city of the bill to customer's address. Maps to the <i>City</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_state	alpha	2	The state code of the bill to customer's address. Maps to the <i>State</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_country	alpha	3	The country code of the bill to customer's address. Maps to the <i>RPR Country</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_zip	alpha	10	The postal code of the bill to customer's address. Maps to the <i>Zip</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
ar_day_phone	alpha	14	The day, evening, and fax number for the bill to customer.
ar_eve_phone	alpha	14	Maps to the <i>Phone</i> field in the Customer Bill To Phone # file. The phone number should be unformatted; or, if it is formatted, it should be correctly formatted based on the phone number formatting specified for the bill-to customer's country to create, match, or update the customer correctly. Available in version: 6.0 or later of CWDirect.
ar_fax_phone	alpha	14	
ar_email_address	alpha	50	The bill to customer's email address. Maps to the <i>CBT Email address</i> field in the Customer Bill To file. Available in version: 7.0 or later of CWDirect for XML only.
ar_opt_in	alpha	2	Indicates the preferred method of correspondence for the bill to email address. Valid values: O1 (Email): Email is the preferred method of correspondence. O2 (Order only email): Use email for order-related correspondence only; generate a spool file for other correspondence. O3 (No email): Do not use email for any correspondence; generate a spool file instead. O4 (Do not ask customer): Do not ask the customer for his/her email address. Maps to the <i>CBT Opt in/opt out</i> field in the Customer Bill To file. Available in version: 7.0 or later of CWDirect for XML only.
ar_print_statement	alpha	1	Indicates whether the system prints a statement on open balances, and open and paid receipts for the customer. Valid values: Y = Print and accounting statement. N = Do not print an accounting statement. Maps to the <i>CBT Print statement?</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
ip_addr	alpha	15	<p>Updates the <i>IP address</i> in the Order Header Extended file, displayed at the Display Order Properties screen.</p> <p>IP address validation: If the IP address is invalid, the system writes an Order Transaction History message such as <code>INVALID IP ADDRESS: 1.2.3</code> where <code>1.2.3</code> represents the invalid IP address received, and does not update this field. The IP address is made up of a series of four numbers separated by three periods (for example, <code>12.34.234.8</code>). Each number between the periods must be from 1 to 255. The IP address must:</p> <ul style="list-style-type: none"> not include any non-numeric characters besides the periods not include any blank spaces include all three periods include all four numbers, each from 1 to 255
			<p>If the IP address matches an entry in the Miscellaneous Fraud file, the system puts the order on IP (IP address) hold and writes a message such as <code>SYS HLD --IP ADDRESS HOLD</code> to the Order Transaction History file.</p> <p>Available in version: 8.0 or later of CWDirect for XML only.</p>
<p>CustOwnership</p> <p>Use the following attributes to update the Customer Ownership file, available for review at the Work with Customer Ownership screen in customer maintenance.</p> <p>The CustOwnships element, if provided, can include one or more CustOwnership elements.</p> <p>Available in version: The CustOwnership element, and all of its attributes, is available in version 8.0 or later of CWDirect for XML only.</p>			
cust_own_ID	alpha	10	<p>A code that represents a product the customer owns or previously owned.</p> <p>Updates the <i>Ownership ID</i> field in the Customer Ownership file. Required to create or update a customer ownership record.</p> <p>If a CustOwnership does not include <i>cust_own_ID</i> but does include other values, the system creates a customer note: <code>Missing Ownership ID: Ownership Description</code>. The system does not place the order in an error status because of customer ownership errors.</p>
cust_own_desc	alpha	40	<p>A description of the product.</p> <p>Updates the <i>Description</i> field in the Customer Ownership file.</p>

Attribute Name	Type	Length	Comments
cust_own_active	alpha	1	Indicates if the customer currently owns the product. Y = The customer currently owns the product. N = The customer previously owned the product. Updates the <i>Act</i> field in the Customer Ownership file.
cust_own_entry_date	numeric	7	The date the customer ownership record was created, in MMDDYY format. Updates the <i>Entry date</i> field in the Customer Ownership file.
cust_own_confirm_date	numeric	7	The most recent date when the customer confirmed ownership of the product, in MMDDYY format. Updates the <i>Confirm date</i> field in the Customer Ownership file.
<p>UserField The UserFields element, if provided, can include one or more UserField elements. Available in version: The UserField element and all of its attributes is available in version 6.01 or later of CWDirect.</p>			
usr_fld_dtl_seq_number	numeric	3	Maps to the Sequence # in the Order Header User Field file.
usr_fld_label	alpha	15	Maps to the type of field to update in the Order Header User Field file.
usr_fld_data	alpha	30	Updates the Text, number, or Date field in the Order Header User Field file.
<p>ShipTo The ShipTos element can include one or more ShipTo elements. At least one ship to is required. The ship_to_type field indicates the type of shipping address to use for the order. Valid values are: 1 = order-level shipping address 2 = recipient customer sold-to 3 = permanent ship-to blank = use the shipping address of the sold-to customer on the order If you have not set up your storefront to specify which type of alternate shipping address to create when a web customer selects an alternate shipping address, CWDirect uses the value specified in system control value <i>Default Recipient Type for E-Commerce Orders (H33)</i>.</p>			

Attribute Name	Type	Length	Comments
shipping_method	numeric	2	The ship via code for the ship to customer. Updates the <i>VIA ship via code</i> in the Order Ship To file; see the <i>Ship via</i> at the Display Order Properties screen. The ship via must be eligible to ship the items on the ship to order. Ship via codes are defined in and validated against the Ship Via file. The ship via must already be set up with the SCF on the shipping address as a valid SCF/ship via combination.
			If using item ship via overrides, the ship via must exist as an eligible shipper for the item in the Item Ship Via Override file. If records do not exist in the Item Ship Via Override file for the item, <i>all</i> shippers are eligible to deliver the item. The <i>Use SCF Ship Via in E-Commerce (J30)</i> system control value controls whether the system overrides the ship via on the order to the <i>Preferred ship via</i> defined for the ship to customer's SCF (the first 3 digits of the destination postal code). Required.
gift	alpha	1	Indicates if the order is a gift order. Valid values: Y = The order is a gift order. N = The order is not a gift order. Updates the Gift order flag in the Order Ship To file; see the <i>Gift</i> flag at the Display Order Properties screen. Defaults to N if this value is not set to Y .
gift_message	alpha	256	Up to 5 gift messages on the order. Positions 1 - 56 represent the first gift message. Positions 57 - 106 represent the second gift message. Positions 107 - 156 represent the third gift message. Positions 157 - 206 represent the fourth gift message. Positions 207 - 256 represent the fifth gift message. Maps to the <i>OMS message</i> field in the Order Messages file whose <i>OMS Print?</i> field is G .

Attribute Name	Type	Length	Comments
arrival_date	numeric	8	Updates the Arrival date in the Order Ship To file; see the <i>Arrival date</i> at the Display Order Properties screen. MMDDYYYY format. Defaults to the current date if no override is specified.
freight	numeric	7.2	Updates the <i>Freight</i> field in the Order Ship To file, and sets the Freight override? flag to Y . See the <i>Freight</i> at the Order Inquiry Header screen (Sold To tab) and the <i>Freight override</i> flag at the Display Order Properties screen.
ship_complete	alpha	1	Updates the <i>Ship complete?</i> field in the Order Ship To file; see the <i>Ship complete</i> flag at the Display Order Properties screen. Defaults to N if this value is not set to Y .
ship_to_type	alpha	1	Indicates the type of shipping address to use for the order. Valid values are: <ul style="list-style-type: none"> • 1 = order-level shipping address • 2 = recipient customer sold-to • 3 = permanent ship-to • blank = use the shipping address of the sold-to customer on the order Available in version: 5.0 or later of CWDirect.
ship_to_prefix	alpha	3	The title of the ship to customer, such as Mr. or Mrs. Maps to the: <ul style="list-style-type: none"> • <i>Prefix</i> field in the Order Ship To Address file, or • <i>Prefix</i> field in the Customer Ship To file, or • <i>Prefix</i> field in the Customer Sold To file. Available in version: 7.0 or later of CWDirect for XML only.
ship_to_fname	alpha	15	The first name of the ship to customer. Maps to the: <ul style="list-style-type: none"> • <i>NAM First name</i> field in the Order Ship To file. • <i>NAM First name</i> field in the Customer Ship To file, or • <i>NAM First name</i> field in the Customer Sold To file.

Attribute Name	Type	Length	Comments
ship_to_initial	alpha	1	The middle initial of the ship to customer. Maps to the: <ul style="list-style-type: none"> • <i>NAM Initial</i> field in the Order Ship To Address file, or • <i>NAM Initial</i> field in the Customer Ship To file, or • <i>NAM Initial</i> field in the Customer Sold To file. Available in version: 6.0 or later of CWDirect.
ship_to_lname	alpha	25	The last name of the ship to customer. Maps to the: <ul style="list-style-type: none"> • <i>NAM Last name</i> field in the Order Ship To Address file, or • <i>NAM Last name</i> field in the Customer Ship To file, or • <i>NAM Last name</i> field in the Customer Sold To file.
ship_to_suffix	alpha	3	The suffix code of the ship to customer. Maps to the: <ul style="list-style-type: none"> • <i>NAM Suffix</i> field in the Order Ship To Address file, or • <i>NAM Suffix</i> field in the Customer Ship To file, or • <i>NAM Suffix</i> field in the Customer Sold To file. Available in version: 7.0 or later of CWDirect for XML only.
ship_to_company	alpha	30	The company of the ship to customer. Maps to the: <ul style="list-style-type: none"> • <i>NAM Company name</i> field in the Order Ship To Address file, or • <i>NAM Company name</i> field in the Customer Ship To file, or • <i>NAM Company name</i> field in the Customer Sold To file.
ship_to_busres	alpha	1	Indicates if the ship to address is a business or residence. Valid values are: B = business R = residence Maps to the: <ul style="list-style-type: none"> • <i>NAM Delivery code</i> field in the Customer Ship To file, or • <i>NAM Delivery code</i> field in the Customer Sold To file.

Attribute Name	Type	Length	Comments
ship_to_address1	alpha	32	The street address of the ship to customer. Maps to the: <ul style="list-style-type: none"> • <i>NAM Street address</i> field in the Order Ship To Address file, or • <i>NAM Street address</i> field in the Customer Ship To file, or • <i>NAM Street address</i> field in the Customer Sold To file.
ship_to_address2	alpha	32	The second address line of the ship to customer. Maps to the: <ul style="list-style-type: none"> • <i>NAM Address line 2</i> field in the Order Ship To Address file, or • <i>NAM Address line 2</i> field in the Customer Ship To file, or • <i>NAM Address line 2</i> field in the Customer Sold To file.
ship_to_address3	alpha	32	The third address line of the ship to customer. Maps to the: <ul style="list-style-type: none"> • <i>Address line 3</i> field in the Order Ship To Address file, or • <i>Address line 3</i> field in the Customer Ship To Extended file, or • <i>Address line 3</i> field in the Customer Sold To Extended file.
ship_to_address4	alpha	32	The fourth address line of the ship to customer. Maps to the: <ul style="list-style-type: none"> • <i>Address line 4</i> field in the Order Ship To Address file, or • <i>Address line 4</i> field in the Customer Ship To Extended file, or • <i>Address line 4</i> field in the Customer Sold To Extended file.
ship_to_apartment	alpha	10	The apartment for the ship to customer address. Maps to the: <ul style="list-style-type: none"> • <i>NAM Apartment</i> field in the Order Ship To Address file, or • <i>NAM Apartment</i> field in the Customer Ship To file, or • <i>NAM Apartment</i> field in the Customer Sold To file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
ship_to_city	alpha	25	The city for the ship to customer address. Maps to the: <ul style="list-style-type: none"> • <i>NAM City</i> field in the Order Ship To Address file, or • <i>NAM City</i> field in the Customer Ship To file, or • <i>NAM City</i> field in the Customer Sold To file.
ship_to_state	alpha	2	The state code for the ship to customer address. Maps to the: <ul style="list-style-type: none"> • <i>NAM State</i> field in the Order Ship To Address file, or • <i>NAM State</i> field in the Customer Ship To file, or • <i>NAM State</i> field in the Customer Sold To file.
ship_to_zip	alpha	10	The postal code for the ship to customer address. Maps to the: <ul style="list-style-type: none"> • <i>NAM Zip</i> field in the Order Ship To Address file, or • <i>NAM Zip</i> field in the Customer Ship To file, or • <i>NAM Zip</i> field in the Customer Sold To file.
ship_to_country	alpha	3	The country code for the ship to customer address. Maps to the: <ul style="list-style-type: none"> • <i>RPR Country</i> field in the Order Ship To Address file, or • <i>RPR Country</i> field in the Customer Ship To file, or • <i>RPR Country</i> field in the Customer Sold To file. Required if a ship-to address is provided.

Attribute Name	Type	Length	Comments
ship_to_email	alpha	50	<p>The ship to customer's email address. Maps to the:</p> <ul style="list-style-type: none"> • <i>OSA Email address</i> field in the Order Ship To Address file if the ship_to_type is 1. • <i>CSH Email address</i> field in the Customer Ship to file if the ship_to_type is 3. • <i>Email</i> field in the Customer Sold To file if the ship_to_type is 2. <p>If the email address is not properly formatted, the order will be in error. Available in version: 4.0 or later of CWDirect.</p>
ship_to_day_phone	alpha	14	<p>The day, evening, and fax numbers for the ship to customer. The phone numbers, if provided, should be unformatted; or, if it is formatted, it should be correctly formatted based on the phone number formatting specified for the customer's country to create, match, or update the customer correctly. Maps to the:</p> <ul style="list-style-type: none"> • <i>Phone</i> field in the Customer Ship To Phone # file, or • <i>Phone</i> field in the Customer Sold To Phone # file. <p>Available in version: 6.0 or later of CWDirect.</p>
ship_to_evening_phone	alpha	14	
ship_to_fax_phone	alpha	14	
email_gc	alpha	1	<p>Updates the <i>Email gift certificate</i> field in the Order Ship To file; see the <i>Email gift certificate</i> flag at the Display Order Properties screen. Defaults to blank if this value is not set to Y. Available in version: 4.0 or later of CWDirect.</p>

Attribute Name	Type	Length	Comments
ship_to_po_number	alpha	15	<p>For each ship-to on the order, the system checks the <i>ship_to_po_number</i> first; if there is no PO number specified, the system uses the order-level <i>po_number</i>.</p> <p>Updates the <i>Purchase order #</i> field in the Order Ship To file; see the <i>Purchase order #</i> at the Display Order Properties screen. If the <i>Verify Duplicate PO Numbers for A/R Orders (D80)</i> system control value is selectedset to Y and the purchase order number is a duplicate, the order will be in error with a reason of Duplicate PO#. Also, if the <i>PO Required for A/R Orders (D79)</i> system control value is selectedset to Y and no purchase order number is specified, the order will be in error with a reason of Missing PO#-Req for A/R.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
promotion	alpha	7	<p>The promotion code associated with the order. If the <i>Promotion Code Entry Required for Discount (I63)</i> system control value is:</p> <ul style="list-style-type: none"> selectedset to Y: this promotion is applied against the order, provided the order qualifies. The system does not automatically apply any other promotions against the order, and only one promotion can apply for each order shipping address. If a promotion is specified and the order does not qualify for it, the system continues creating the order and writes an order history message such as: Promotion (ADDFRT) not applied. However, if the promotion code specified in the message does not actually exist, the order will be in error with a reason of Invalid Promotion Code. unselectedset to N: the system ignores any promotion code passed and uses its regular hierarchy in determining which promotions, if any, to apply to the order. <p>Available in version: 8.0 or later of CWDirect for XML only.</p>
tax_area_id	alphanu meric	10	<p>Updates the <i>Future use code 2</i> field in the Order Ship To file.</p> <p>Available in XML version: 4.0 (version 9.5 of CWDirect).</p>

Attribute Name	Type	Length	Comments
<p>Ord_Msg The Ord_Msgs element, if provided, can include one or more Ord_Msg elements. Available in version: The OrdMsg element and its attributes is available in version 6.0 or later of CWDirect.</p>			
ord_msg_code	alpha	1	Updates the <i>Print?</i> flag in the Order Message file. If the value specified here is not a valid value for the <i>Print</i> flag, or if no value is specified here, the message is still created, but the <i>Print</i> flag is set to blank (which is the same as N or do not print).
ord_msg_text	alpha	60	Updates the Message field in the Order Message file.
<p>Item The Items element includes at least one Item elements. To create an order that includes a set or continuity item, the message should include the master set or continuity item only. The set or continuity will be “exploded” once the order is created, and all of the component items will be added to the order.</p>			
item_id	alpha	12	The item number on the order line. Updates the <i>ITM number</i> field in the Order Detail file. If a valid <i>item_id</i> is not defined, the system uses the short SKU defined in the <i>sku</i> field to identify the item. To create an order that includes a set or continuity item, the message should include the master set or continuity item only. The set or continuity will be “exploded” once the order is created, and all of the component items will be added to the order. If the item is subject to zone reservation, the system applies the standard or alternate zone reservation rules based on your setup. However, if the zone reservation rules that apply to the item would normally display the Select Order Line Option window in order entry, the system always adds the item as a future order. Required.
sku	numeric	7	A code the represents the short SKU for the item on the order line. Updates the <i>ITM number</i> field in the Order Detail file. Required.

Attribute Name	Type	Length	Comments
quantity	numeric	5	The quantity of the item ordered on the order line. Updates the <i>Qty ordered</i> field in the Order Detail file. If no quantity is specified here, the system uses the <i>Default Order Quantity (B30)</i> . A negative quantity (indicated by a minus sign (-) preceding the number) indicates a return. If the quantity specified here is not evenly divisible by the <i>Sell quantity</i> for the item/SKU, the order line will be in error with a reason of <i>Multiples error. Required.</i>
list_price	numeric	7.2	The selling price of the item on the order line. Updates the <i>Price</i> field in the Order Detail file. See the <i>Price</i> field at the Display Order Detail screen. If you define a <i>list_price</i> , you must also define a price override reason. 000000 displays if the no charge flag is set to Y , indicating the item is priced at no charge.
price_override	alpha	1	If this field is set to 1 and there is no <i>prc_ovr_rsn</i> specified, the system uses the <i>Price Override Reason for E-Commerce (G73)</i> , if any, or the <i>Default Price Override Reason (B35)</i> when creating the order line.
gift_wrap	alpha	1	Indicates if the item is gift-wrapped. Valid values: Y = Gift wrap the item. N = Do not gift wrap the item. If set to Y , updates the <i>Gift wrap</i> flag in the Order Detail file and adds the gift wrap charge to the order; see the <i>G/W</i> and <i>G/W \$</i> at the Display Order Detail screen. If the item/offer or SKU/offer does not allow gift wrap, the order will be in error with a reason of <i>Gift wrap not allowed.</i>
cord_group	numeric	3	The coordinate group code assigned to the order line. Updates the <i>Coordinate group</i> field in the Order Detail file. See the <i>C/G</i> at the Display Order Detail screen.

Attribute Name	Type	Length	Comments
personalization_id	alpha	2	<p>The special handling code assigned to the order line.</p> <p>Updates the <i>Add'l chg code</i> field in the Order Detail file. Overrides the additional charge code, if any, from the Item Offer or SKU Offer.</p> <p>Required if the item should have special handling; if no <i>personalization_id</i> is specified, the additional charge code from the Item Offer or SKU Offer will not default.</p> <p>Use the personalization_line element to specify the special handling details for the order line.</p> <p>If the Item Offer or SKU Offer does not have the <i>Special handling</i> flag selected set to Y, the order will be in error with a reason of <i>S/H code not allowed</i>.</p> <p>If the value specified here does not represent a special handling code as set up through Work with Additional Charge Codes (WADC), the order will be in error with a reason of <i>S/H code is invalid</i>.</p>
personalization_cost	numeric	7.2	<p>The cost for special handling on the order line.</p> <p>Updates the <i>Special handling \$</i> field in the Order Detail file. If no charge is specified here, the system uses the regular hierarchy to determine the special handling charge or price.</p> <p>Note: It is possible to add special handling charges without actually creating the special handling instructions for the order line if:</p> <ul style="list-style-type: none"> • complete instructions are not specified in the personalization_line element, and • a <i>personalization_id</i> is specified, and <ul style="list-style-type: none"> • a <i>personalization_cost</i> is specified here, or • a <i>S/H price</i> is specified for the Item Offer or SKU Offer

Attribute Name	Type	Length	Comments
gc_number	numeric	7	<p>The gift certificate number assigned to the item on the order line.</p> <p>The system uses this number only when:</p> <ul style="list-style-type: none"> the item ordered on this order detail line is a gift certificate (the <i>Gift certificate</i> field for the item is selected) the gift certificate number specified here is not already assigned <p>Otherwise, if the item is a gift certificate, the system assigns a gift certificate number through the normal process.</p> <p>Do not specify a gift certificate number if the quantity for the order detail line is more than 1; if you specify a gift certificate number, the system creates just one gift certificate.</p> <p>Available in version: 4.01 or later of CWDirect.</p>
no_charge	alpha	1	<p>Updates the <i>No charge</i> field in the Order Detail file. If this flag is set to Y, the order detail line will be “no charge”. See the <i>N/C</i> flag at the Display Order Detail screen.</p> <p>The list price is 000000, indicating the item is priced at no charge.</p> <p>If you add the item at no charge, you must also define a price override reason. The price override reason on the order detail line defaults from the:</p> <ul style="list-style-type: none"> prc_ovr_rsn field; otherwise, <i>Price Override Reason for E-Commerce (G73)</i> system control value; otherwise, <i>Default Price Override Reason (B35)</i> system control value. <p>If a price override reason is not defined in any of the above places, the system does not price the item at no charge and instead defaults the item price from the list price.</p> <p>Available in version: 7.0 or later of CWDirect for XML only.</p>

Attribute Name	Type	Length	Comments
prc_ovr_rsn	alpha	1	<p>Required if the <i>no_charge</i> field is set to Y. Updates the <i>Price Override Code</i> field in the Order Detail file; see the <i>Ovr</i> field at the Display Order Detail screen. If the price override reason code specified here is not valid, the system uses the <i>Price Override Reason for E-Commerce (G73)</i>, if any, or the <i>Default Price Override Reason (B35)</i> when creating the order line.</p> <p>Available in version: 7.0 or later of CWDirect for XML only.</p>
Note: Use the following values to process a store pickup or shipment.			
pickup_type	alpha	2	<p>Indicates the type of store fulfillment request. Valid values are:</p> <p>SP = store pickup (the customer will pick the item up in the store location)</p> <p>SS = store shipment (the store location will ship the item to the customer)</p> <p>If the message does not specify one of the above values, the system creates a regular order detail line.</p> <p>You cannot create a store fulfillment request for a negative quantity, or for a continuity master, membership item, or subscription item.</p> <p>Available in version: 7.5 or later of CWDirect for XML only.</p>
pickup_system_location	alpha	10	<p>A code identifying the system associated with the store fulfillment location. For example, if fulfillment location 10 indicates a particular store, the system might indicate the CWStore database.</p> <p>The system does not validate this value; however, if no <i>pickup_system_location</i> is specified for a store pickup request, the system puts the order in error.</p> <p>Available in version: 7.5 or later of CWDirect for XML only.</p>

Attribute Name	Type	Length	Comments
pickup_location	alpha	10	A code identifying the store location where the customer will pick up the item, or which will ship the item. The system does not validate this value; however, if no <i>pickup_location</i> is specified for a store pickup request, the system puts the order in error. Available in version: 7.5 or later of CWDirect for XML only.
line_offer	alpha	3	Updates the <i>OFR number</i> field in the Order Detail file. See the <i>Ofr</i> at the Display Order Detail screen. Available in version: 8.0 or later of CWDirect for XML only.
<p>personalization_line The <i>personalization_lines</i> element, if provided, can include one or more <i>personalization_line</i> elements. The system uses the following information to build special handling instructions for the order detail line if a valid personalization_id is specified:</p> <ul style="list-style-type: none"> • Standard special handling: <ul style="list-style-type: none"> • The personalization_type should be set to S (standard). • You can include one or more standard_text attributes to build one or multiple lines of custom special handling instructions. If any <i>standard_text</i> entry exceeds 30 positions, the additional data in the special handling instructions is truncated. • Custom special handling: <ul style="list-style-type: none"> • The personalization_type should be set to C (custom). • Unless the message will always include data in each personalization line, and all lines will be sent in the sequence in which they were set up through Work with Custom Special Handling Formats (WSHF), each <i>personalization_line</i> should also specify its corresponding personalization_seq_nbr. Using the sequence number also lets you maintain the personalization instructions and add data in order maintenance; to preserve this option, the inbound message must include each personalization line with either data or a blank value (for example, <i>personalization_text</i> = " "). • If the personalization lines do not include the sequence number, and do not represent a complete, valid set of instructions according to the special handling format, the special handling code and charge are still added to the order; however, the order will either be in error, or the order line will include the special handling code and charge, but the instructions will be incomplete or missing. <p>For more information: See the sample message formats under E-Commerce New Order Message: Sample XML.</p> <p>Copying special handling information for set items: In the case of a set item, the <i>Copy Set Master Special Handling to Set Components (J39)</i> system control value controls whether to copy the special handling instructions and handling charges to each eligible set component.</p>			

Attribute Name	Type	Length	Comments
personalization_seq_nbr	numeric	3	<p>Indicates the special format detail sequence number (as opposed to the display sequence number) for the information being passed in this line for custom special handling. This sequence number is not displayed on a screen, but corresponds to the SFD sequence number from the Special Format Details file (MSSHFD), set up through Work with Custom Special Handling Formats (WSHF), and the EC Personalization Detail file (EXPRSD), sent to the web storefront through Download E-Commerce Static Files (ESTF). Updates the Order Special Format file. Sending the sequence number is required for custom special handling unless the message includes each personalization line in order by sequence number for a custom special handling format, with each line containing data; otherwise, the personalization information is not added to the order correctly. The sequence number is not used for standard special handling.</p> <p>Available in version: 9.5 or later of CWDirect for XML only.</p>
personalization_type	alpha	1	<p>Indicates the type of special handling. Valid values are: C = Custom S = Standard</p> <p>If this value is the wrong type for the personalization_id, the order will not be in error; however, no special handling instructions will be built.</p> <p>Available in version: 7.0 or later of CWDirect for XML only.</p>
standard_text	alpha	30	<p>Used for standard special handling instructions. Updates the S/H info field in the Order Special Handling file for standard special handling. There can be more than one lines of standard text included in multiple <code>standard_text</code> attributes. Any <code>standard_text</code> entry that exceeds 30 positions is truncated from the special handling instructions.</p> <p>Available in version: 7.0 or later of CWDirect for XML only.</p>

Attribute Name	Type	Length	Comments
personalization_text	alpha	45	Used for custom special handling instructions. Updates the Input field in the Order Special Format file for custom special handling. You can send the personalization_line with the personalization_text set to " " in order to create a blank custom special handling line for the order if you would like to preserve the option of adding special handling information in order maintenance. Default text defined for the special handling format does not default for orders created through the Inbound Order Message.
			Errors: If the text is not a valid entry for the custom special handling format, the order will be in error with a reason of Input not valid response. If the text exceeds the maximum specified for the custom special handling format, the order will be in error with a reason of Exceeds maximum character. The order is not in error if you send a blank personalization_text entry, even if the line is flagged as a required entry for the special handling format. Similarly, the order is not in error if you omit a required personalization line from the message entirely.
<p>Lin_Msg The Lin_Msgs element, if provided, can include one or more Lin_Msg elements. Available in version: The Lin_Msgs element and its attributes are available in version 6.0 or later of CWDirect.</p>			
lin_msg_code	alpha	1	Updates the <i>Print?</i> field in the Order Line Message file. If this value is invalid, the system creates the order line message with a print value of blank (print nowhere).
lin_msg_text	alpha	60	Updates the Message field in the Order Line Message file. Required if a <i>lin_msg_code</i> is defined.

Attribute Name	Type	Length	Comments
<p>Payment</p> <p>Payment information can be included as part of the CWCreateOrder message, depending on the design of your web storefront; otherwise, payment information is received separately in the E-Commerce Payment Message (CWPayment).</p> <p>An order can include the following payments:</p> <ul style="list-style-type: none"> • check_type: pay category 1 (cash/check) • cc_type: pay category 2 (credit card), including: <ul style="list-style-type: none"> • Bill Me Later (card type B) Note: If the pay type is Bill Me Later, the total order value cannot exceed the BML trans limit. Also, if the customer does not already have an account number established, the customer's date of birth and last four digits of the social security number are required. • credit card (card type C) • debit card (card type D) • stored value card (card type S) • ar_type: pay category 3 (A/R) • gc_type: pay category 5 (coupon/credit), including gift certificates <p>The order can include a single payment method or a combination of payment methods. As in regular order entry, the system requires that a "catch-all" payment method be specified if there are multiple credit cards, or one or more credit cards with an A/R payment method.</p> <p>The Payments element can include one or more Payment elements. At least one payment method is required.</p>			
cc_name	alpha	40	Not currently implemented. Available in version: 4.01 or later of CWDirect.
cc_type	numeric	2	Maps to the <i>Pay type</i> field in the Order Payment Method file. Identifies the credit card payment method on the order. This code must be a valid credit card pay type (payment category 2), including: <ul style="list-style-type: none"> • Bill Me Later (card type B) • credit card (card type C) • debit card (card type D) • stored value card (card type S) Available in version: 4.01 or later of CWDirect.

Attribute Name	Type	Length	Comments
cc_number	alpha	20	<p>Updates the <i>Credit card number</i> field in the Order Payment Method file; see the <i>Credit card #</i> field at the Display Order Pay Type screen (1 of 2). Required for credit card payment methods except for Bill Me Later, or the order will be in error with a reason of Invalid Credit Card.</p> <p>Encryption: Credit card encryption allows you to encrypt the credit card number in the CWDirect database. If you use credit card encryption, the credit card number in this message will not be encrypted because it is from an external system; however, the system encrypts the credit card number in the CWDirect database once the order is created.</p>
			<p>Auto-assignment: If the <i>Allow auto-assign</i> field for a pay category 2 pay type is selected, the system defaults the pay category 2 pay type to the order whose leading digits match the leading digits you enter in the <i>cc_number</i> field for the order.</p> <p>Available in version: 4.01 or later of CWDirect.</p>
cc_exp_month	numeric	2	<p>Updates the first two positions of the <i>Expiration date</i> field in the Order Payment Method file; see the <i>Expiration date</i> at the Display Order Pay Type screen (1 of 2). The Require expiration date flag for the pay type controls whether an expiration date is required for credit card payment methods. If the pay type requires an expiration date and it is not passed in the message, the order will be in error with a reason of CC Expiration/Start Date.</p> <p>Available in version: 4.01 or later of CWDirect.</p>

Attribute Name	Type	Length	Comments
cc_exp_year	numeric	4	Updates the second two positions of the <i>Expiration date</i> field in the Order Payment Method file; see the <i>Expiration date</i> at the Display Order Pay Type screen (1 of 2). Required for credit card payment methods. The Require expiration date <i>Require expiration date</i> flag for the pay type controls whether an expiration date is required for credit card payment methods. If the pay type requires an expiration date and it is not passed in the message, the order will be in error with a reason of CC Expiration/Start Date. Available in version: 4.01 or later of CWDirect.
cc_sec_value	numeric	4	This field is not currently implemented. You can only define a card security value on an order entered through regular order entry/maintenance. Available in version: 6.01 or later of CWDirect.
cc_sec_presence	alpha	1	This field is not currently implemented. You can only define a card security presence on an order entered through regular order entry/maintenance. Available in version: 6.01 or later of CWDirect.
auth_number	alpha	7	Updates the <i>Authorization number</i> field in the Order Payment Method file; see the <i>Authorization number</i> at the Display Order Pay Type screen (1 of 2). Used for credit card payment methods. Available in version: 4.01 or later of CWDirect.
auth_date	numeric	8	Updates the <i>Authorization date</i> field in the Order Payment Method file; see the <i>Authorization date</i> at the Display Order Pay Type screen (1 of 2). MMDDYYYY format. Used for credit card payment methods. Available in version: 4.01 or later of CWDirect.
auth_amount	numeric	9.2	Updates the <i>Manual auth amount</i> field in the Order Payment Method file; see the <i>Authorization amount</i> at the Display Order Pay Type screen (1 of 2). Used for credit card payment methods. Available in version: 4.01 or later of CWDirect.

Attribute Name	Type	Length	Comments
amt_to_charge	numeric	9.2	<p>Updates the <i>Amount to charge</i> field in the Order Payment Method file; see the <i>Amount to charge</i> field at the Display Order Pay Type screen (1 of 2). For a coupon/gift certificate or cash/check payment method, also updates the Amount collected field. Required if the payment method is not the only one on the order. A negative amount represents a credit against the payment method.</p> <p>If you do not specify an amount and there is another payment method on the order without an amount specified, the order will be in error with a reason of <i>Multiple CCs with \$0</i>. This error indicates that the order can have only one “catch-all” payment method; see the discussion of catch-all payment methods at the Enter Payment Method screen.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
gc_type	numeric	2	<p>Maps to the <i>Pay type</i> field in the Order Payment Method file.</p> <p>Identifies the gift certificate or coupon payment method on the order.</p> <p>If this field is blank, the system uses the value in the <i>Default Pay Type for Gift Certificates/Coupons (G48)</i> system control value. If there is a valid, unredeemed gift certificate/coupon number in the <i>gift_certificate_number</i> field on the order message, the system uses the amount specified for this number in the Coupon Redemption file and does not check the value of the <i>gift_certificate_amount</i> field.</p> <p>The <i>gc_type</i> field and/or <i>Default Pay Type for Gift Certificates/Coupons (G48)</i> must specify a valid coupon/credit pay type (payment category 5).</p> <p>Available in version: 6.0 or later of CWDirect.</p>

Attribute Name	Type	Length	Comments
gift_certificate_number	numeric	7	<p>Updates the <i>Gift cert/coupon</i> field in the Order Payment Method file. Required if a coupon/credit payment method is defined in the <i>gc_type</i> field.</p> <ul style="list-style-type: none"> If this value is a valid, unredeemed gift certificate/coupon number in the <i>gift_certificate_number</i> field on the order message, the system uses the amount specified for this number in the Coupon Redemption file and does not check the value of the <i>gift_certificate_amount</i> field. If this value does not match a record in the Coupon Redemption file, the system creates a coupon or credit payment method on the order; however, the <i>Dynamic Creation of Coupons (B21)</i> system control value must be selected set to Y, or the order will be in error because of an Invalid coupon. <p>Available in version: 4.01 or later of CWDirect.</p>
gift_certificate_amount	numeric	9.2	<p>The amount of the coupon/credit payment method.</p> <p>If there is a valid, unredeemed gift certificate/coupon number in the <i>gift_certificate_number</i> field on the order message, the system uses the amount specified for this number in the Coupon Redemption file and does not use the amount defined in the <i>gift_certificate_amount</i> field.</p> <p>Available in version: 4.01 or later of CWDirect.</p>
expiration_date	numeric	8	<p>The date the coupon/credit payment method expires.</p> <p>Available in version: 4.01 or later of CWDirect.</p>
hold_id	alpha	2	<p>If a hold reason code is included, the system checks that the order hold reason code is valid. If the code is valid, the system puts the order on hold; otherwise, the order goes into error status. Updates the <i>OHD OHR Sys hold reason</i> field in the Order Header file.</p> <p>Available in version: 4.01 or later of CWDirect.</p>

Attribute Name	Type	Length	Comments
ar_type	numeric	2	Maps to the <i>Pay type</i> field in the Order Payment Method file. Identifies the accounts receivable payment method on the order. This code must be a valid accounts receivable pay type (payment category 3). Available in version: 6.0 or later of CWDirect.
po_number	alpha	15	For each ship-to on the order, the system checks the <i>ship_to_po_number</i> first; if there is no PO number specified, the system uses the order-level <i>po_number</i> . Updates the Purchase order # field in the Order Ship To file; see the <i>Purchase order #</i> at the Display Order Properties screen. If the <i>Verify Duplicate PO Numbers for A/R Orders (D80)</i> system control value is selected set to Y and the purchase order number is a duplicate, the order will be in error with a reason of Duplicate PO#. Also, if the <i>PO Required for A/R Orders (D79)</i> system control value is selected set to Y and no purchase order number is specified, the order will be in error with a reason of Missing PO#-Req for A/R. Available in version: 6.0 or later of CWDirect.
start_date	numeric	4	Indicates the first date when the card is effective. MMY format. The Require start date flag for the pay type controls whether a start date is required for credit card pay types. If a start date is required and it is not provided in the message, the order will be in error with a reason of CC Expiration/Start Date. Typically used for debit card or stored value card pay types. Available in version: 7.5 or later of CWDirect for XML only.
card_issue_nbr	alpha	2	A sequential issue number, issued by the bank, indicating how many times the card has been replaced. The Require issue # flag for the pay type controls whether an issue number is required for credit card pay types. If an issue number is required and it is not provided in the message, the order will be in error with a reason of Invalid Card Issue#. Available in version: 7.5 or later of CWDirect for XML only.

Attribute Name	Type	Length	Comments
bml_version	numeric	5	<p>Used as the terms and conditions (T&C) code when creating an account for a customer with a Bill Me Later payment method. If a T&C code is not included in the message, the system uses the T&C web site BML T&C version (web site) specified for the Bill Me Later pay type. The terms and conditions code should be zero-filled in order to update the Customer Sold To BML file correctly. For example, a terms and conditions code of 123 should be passed as a bml_version of 00123.</p> <p>Available in version: 7.5 or later of CWDirect for XML only.</p>
soc_sec_nbr	numeric	9	<p>Used for a Bill Me Later pay type. Because the social security number is treated here as a numeric value, it should be zero-filled if just the last four digits are included. For example, if the customer enters 1234 as the last four digits of the social security number, this attribute should be set to 00001234 in order to update the Customer Sold To BML file correctly.</p> <p>The social security number is not required if the customer already has a Bill Me Later account number, as shown at the Display Customer Order History screen. However, if the customer does not already have a Bill Me Later account and the last four digits of the social security number are not provided, the order will be in error with a reason of <code>Invalid social security number</code>.</p> <p>The system updates the Customer Sold To BML file with the social security number provided, so this information will be available when you send the order out for authorization.</p> <p>Available in version: 7.5 or later of CWDirect for XML only.</p>

Attribute Name	Type	Length	Comments
birthdate	numeric	8	<p>Used for a Bill Me Later pay type. MMDDYYYY format. The date of birth should be zero-filled in order to update the Customer Sold To BML file correctly. For example, if the customer's date of birth is August 25, 1953, the birth date should be 08251953.</p> <p>The date of birth is not required if the customer already has a Bill Me Later account number, as shown at the Display Customer Order History screen. However, if the customer does not already have a Bill Me Later account and the date of birth is not provided, the order will be in error with a reason of Invalid date of birth.</p> <p>The system updates the Customer Sold To BML file with the birth date provided, so this information will be available when you send the order out for authorization.</p> <p>Available in version: 7.5 or later of CWDirect for XML only.</p>
check_type	numeric	2	<p>Maps to the <i>Pay type</i> field in the Order Payment Method file.</p> <p>Identifies the cash/check payment method on the order.</p> <p>This code must be a valid cash/check pay type (payment category 1).</p> <p>To create a cash/check payment method on the order, at minimum, you must enter the pre-paid pay type code in the <i>check_type</i> field and the amount in the <i>check_amount</i> field.</p> <p>Available in version: 8.0 or later of CWDirect for XML only.</p>
check_number	numeric	9	<p>Updates the <i>Check number</i> field in the Order Payment Method file.</p> <p>The number of the check. Used for cash/check payment methods.</p> <p>Available in version: 8.0 or later of CWDirect for XML only.</p>
check_amount	numeric	9.2	<p>The amount of the check. Used for cash/check payment methods. If an amount is not defined, the system places the order on balance due hold.</p> <p>Available in version: 8.0 or later of CWDirect for XML only.</p>

Attribute Name	Type	Length	Comments
checking_account	alpha	20	The checking account number. Used for cash/check payment methods. Updates the <i>Checking account</i> field in the Order Payment Method file. Available in version: 8.0 or later of CWDirect for XML only.
routing_number	numeric	9	The routing number defined for the check. Used for cash/check payment methods. Updates the <i>Routing number</i> field in the Order Payment Method file. Available in version: 8.0 or later of CWDirect for XML only.
cash_control_number	numeric	5	The cash control number assigned to the check. Used for cash/check payment methods. Updates the <i>Cash control number</i> field in the Order Payment Method file. Available in version: 8.0 or later of CWDirect for XML only.
pin_id	numeric	9	Informational-only; used for cash/check payment methods. Updates the <i>Pin storage</i> field in the Order Payment Method file. The Pin storage field is not currently implemented. Available in version: 8.0 or later of CWDirect for XML only.
authentication_value	alpha	40	A code received from an authentication service, such as Visa's Verified by Visa program or MasterCard's SecureCode program, indicating whether the card authentication password the cardholder entered on the web storefront was approved for the credit card. Updates the <i>Authentication value</i> field in the Order Payment Method file. Available in version: 9.0 or later of CWDirect for XML only.

Attribute Name	Type	Length	Comments
ecommerce_indicat or	alpha	4	<p>This value represents either:</p> <ul style="list-style-type: none"> An electronic commerce indicator code, received from an authentication service such as Visa's Verified by Visa program or MasterCard's SecureCode program, indicating the level of security provided for a credit card transaction placed over the internet. A value indicating if the order was placed on a web storefront. Valid values are: <ul style="list-style-type: none"> YES = The order was placed over the web storefront. NO = The order was not placed over the web storefront. <p>Updates the <i>Ecomm Indic</i> field in the Order Payment Method file.</p> <p>Available in version: 9.0 or later of CWDirect for XML only.</p>

E-Commerce New Order Message: Sample XML

A sample of the [E-Commerce New Order Message \(CWCreateOrder\)](#) in XML format is presented below.

```
<Message source="WEB" target="RDC" type="CWCreateOrder" resp_qmgr="response.q.manager"
resp_q="response.q">
  - <Header company_code="555" order_number="555" offer_id="204" source_code="2004"
bill_to_prefix="MS." bill_to_fname="BERNADETTE" bill_to_initial="T"
bill_to_lname="MIRANDA" bill_to_busres="R" bill_to_address1="109 TURNER LN"
bill_to_city="TEMPLETON" bill_to_state="MA" bill_to_country="USA" bill_to_zip="01468"
bill_to_email="BMIRANDA@HOME.COM" bill_to_day_phone="9786322000" bill_to_opt_in="O1"
allow_rent="Y" allow_email="Y" allow_mail="Y" nbr_ship_tos="1" pay_incl="1"
ar_prefix="MR." ar_fname="RICHARD" ar_initial="J" ar_lname="LETENDRE"
ar_street_address="94 HADLEY ST" ar_city="SPRINGFIELD" ar_state="MA" ar_country="USA"
ar_zip="01119" ar_day_phone="413 782 7520" ar_email_address="RLETENDRE@BILL.COM"
ar_opt_in="O2" ar_print_statement="Y">
    <UserFields>
      <UserField usr_fld_dtl_seq_number="001" usr_fld_label="birthdate"
usr_fld_data="123074" />
      <UserField />
    </UserFields>
  </Header>
  <ShipTos>
    <ShipTo shipping_method="1" gift="Y" gift_message="HAPPY BIRTHDAY" ship_to_type="1"
ship_to_fname="NONA" ship_to_lname="NONNIE" ship_to_busres="R"
ship_to_address1="11 SANFORD ST" ship_to_apartment="FRONT" ship_to_city="MEDWAY"
ship_to_state="MA" ship_to_zip="02053" ship_to_country="USA"
ship_to_email="NNONNIE@PAST.COM" item_count="3">
      <Ord_Msgs>
        <Ord_Msg ord_msg_code="P" ord_msg_text="ORDER MESSAGE" />
      </Ord_Msgs>
    </ShipTos>
  </Items>
```

```

    <Item item_id="2004ITEM1" sku="1745" quantity="1" list_price="2500"
    gift_wrap="Y" prc_ovr_rsn="C">
      <personalization_lines>
        <personalization_line personalization_text="KAB" />
        <personalization_line />
      </personalization_lines>
      <Lin_Msgs>
        <Lin_Msg lin_msg_code="P" lin_msg_text="ORDER LINE MESSAGE" />
      </Lin_Msgs>
    </Item>
    <Item item_id="2004ITEM2" quantity="1">
      <personalization_lines>
        <personalization_line personalization_text="KAB" />
        <personalization_line />
      </personalization_lines>
      <Lin_Msgs>
        <Lin_Msg lin_msg_code="P" lin_msg_text="ORDER LINE MESSAGE" />
      </Lin_Msgs>
    </Item>
    <Item item_id="2004ITEM3" quantity="1">
      <personalization_lines>
        <personalization_line personalization_text="KAB" />
        <personalization_line />
      </personalization_lines>
      <Lin_Msgs>
        <Lin_Msg lin_msg_code="P" lin_msg_text="ORDER LINE MESSAGE" />
      </Lin_Msgs>
    </Item>
  </Items>
</ShipTo>
</ShipTos>
<Payments>
  <Payment ar_type="9" />
  <Payment />
  <Payment />
</Payments>
</Message>

```

Sample custom special handling information:

The `personalization_line` element(s) include the special handling instructions in the `personalization_text` attribute. The `personalization_type` is set to **C** (custom), and there is a `personalization_seq_nbr` for each entry. Also, a `personalization_line` that includes a blank `personalization_text` attribute is included for each unused line in the special handling format so that it will be possible to edit the special handling instructions and enter additional information in order maintenance.

For more information: See the [personalization_line](#) element in the [E-Commerce New Order Message \(CWCreateOrder\)](#).

```

<Message source="WEB" target="RDC" type="CWCreateOrder" resp_qmgr="response.q.manager"
resp_q="response.q">
  <Header company_code="027" order_number="CWCreateOrder 10/24_a" source_code="SOURCE"
customer_number="1487" pay_incl="1">
  </Header>
  <ShipTos>
    <ShipTo shipping_method="1" item_count="1">
      <Items>
        <Item sku="1844" quantity="1" list_price="1000" personalization_id="E">
          <personalization_lines>

```

```

    <personalization_line personalization_seq_nbr="1"
    personalization_type="C" personalization_text="Palatino" />
    <personalization_line personalization_seq_nbr="2"
    personalization_type="C" personalization_text="Y" />
    <personalization_line personalization_seq_nbr="3"
    personalization_type="C" personalization_text="Peter W. Van
    Voorhis" />
    <personalization_line personalization_seq_nbr="4"
    personalization_type="C" personalization_text="24 Prime Park Way" />
    <personalization_line personalization_seq_nbr="5"
    personalization_type="C" personalization_text="Natick, MA 01760" />
    <personalization_line personalization_seq_nbr="6"
    personalization_type="C" personalization_text=" " />
    <personalization_line personalization_seq_nbr="7"
    personalization_type="C" personalization_text=" " />
    <personalization_line personalization_seq_nbr="8"
    personalization_type="C" personalization_text=" " />
    <personalization_line personalization_seq_nbr="9"
    personalization_type="C" personalization_text=" " />
    <personalization_line personalization_seq_nbr="10"
    personalization_type="C" personalization_text=" " />
    <personalization_line personalization_seq_nbr="11"
    personalization_type="C" personalization_text="Gold" />
  </personalization_lines>
</Item>
</Items>
</ShipTo>
</ShipTos>
<Payments>
  <Payment cc_type="5" cc_number="5" cc_exp_month="12" cc_exp_year="06"
  auth_number="auth" />
</Payments>
</Message>

```

Sample standard special handling information:

The `personalization_line` element(s) include the special handling instructions in the `standard_text` attribute. The `personalization_type` is set to **S** (standard), and there is no `personalization_seq_nbr`.

For more information: See the [personalization_line](#) element in the [E-Commerce New Order Message \(CWCreateOrder\)](#).

```

<Message source="WEB" target="RDC" type="CWCreateOrder" resp_qmgr="response.q.manager"
resp_q="response.q">
  <Header company_code="027" order_number="CWCreateOrder 10/24_a" source_code="SOURCE"
  customer_number="1487" pay_incl="1">
  </Header>
  <ShipTos>
    <ShipTo shipping_method="1" item_count="1">
      <Items>
        <Item sku="1842" quantity="1" list_price="1000" personalization_id="A">
          <personalization_lines>
            <personalization_line personalization_type="S" standard_text="Peter
            W. Van Voorhis" />
            <personalization_line personalization_type="S" standard_text="Navy
            ink, script" />
          </personalization_lines>
        </Item>
      </Items>
    </ShipTo>
  </ShipTos>

```

```

</ShipTos>
<Payments>
  <Payment cc_type="5" cc_number="5" cc_exp_month="12" cc_exp_year="06"
    auth_number="auth" />
</Payments>
</Message>

```

E-Commerce New Order Message: Sample NVP

A sample of the [E-Commerce New Order Message \(CWCreateOrder\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

```

company_code=555;order_number=555;offer_id=204;source_code=2004;bill_to_prefix=MS.;bill_to_
_fname=BERNADETTE;bill_to_initial=T;bill_to_lname=MIRANDA;bill_to_busres=R;bill_to_address
1=109 TURNER
LN;bill_to_city=TEMPLETON;bill_to_state=MA;bill_to_country=USA;bill_to_zip=01468;bill_to_e
mail=BMIRANDA@HOME.COM;bill_to_day_phone=978 632
2200;bill_to_opt_in=01;allow_rent=1;allow_email=1;allow_mail=1;nbr_ship_tos=1;pay_incl=1;a
r_prefix=MR.;ar_fname=RICHARD;ar_initial=J;ar_lname=LETENDRE;ar_street_address=94 HADLEY
ST;ar_city=SPRINGFIELD;ar_state=MA;ar_country=USA;ar_zip=01119;ar_day_phone=423 782
7520;ar_print_statement=1;shipping_method=01;gift=1;gift_message=HAPPY
BIRTHDAY;ship_to_type=1;ship_to_fname=NONA;ship_to_lname=NONNIE;ship_to_busres=R;ship_to_a
ddress1=11 SANFORD
ST;ship_to_apartment=FRONT;ship_to_city=MEDWAY;ship_to_state=MA;ship_to_zip=02053;ship_to_
country=USA;ship_to_email=NNONNIE@MSN.COM;ship_to_day_phone=508 652
2723;ord_msg_count=1;ord_msg_code=G;ord_msg_text=HAPPY
BIRTHDAY;item_count=1;item_id=2004ITEM1;sku=1745;quantity=1;list_price=2500;price_override
=C;gift_wrap=Y;nbr_paytypes=1;cc_type=4;cc_number=4788250000121443;cc_exp_month=12;cc_exp_
year=2005;

```

E-Commerce Payment Message (CWPayment)



The EC_PAY_ACC job, started through Work with E-Commerce Job Control (**EJCT**), receives the Payment message from the web storefront. This message contains information to:

- create one or more payment methods for an order,
- create a customer bill to if the name entered for the credit card is different from the name of the customer sold to,
- submit the ECOMM_ORDR job (described below) to the *Job Queue for E-Commerce Order Processing (G53)* specified in the System Control file.

Note:

- The *Perform Order Edit Interactively (I56)* system control value determines whether this job performs the order edit, or if the edit is submitted to batch.
- The *Send Order Response After E-Commerce Payment Message (I57)* system control value controls whether this function also generates an [E-Commerce New Order Response Message \(CWOrderResponse\)](#).

ECOMM_ORDR job: The ECOMM_ORDR job evaluates the order for errors. If there are errors, the order is assigned to the *Default Batch for E-Commerce Orders in Error (G41)*, and the system produces the *Order Error Listing (G41)*; you must use batch order entry to correct the order and submit it to the phone orders edit. If there are no errors, the order is submitted to a credit check and created in an open or held status, depending on the result. In any case, this job always generates an e-mail order confirmation to the customer (regardless of the value in the [Opt in/Opt out](#) *Opt in/Opt out* field in the Customer Sold To and Customer Sold To Entity files), using the *Order Acknowledgement Program (G50)* system control value.

For more information: See:

- [E-Commerce Payment Message: Sample XML](#)
- [E-Commerce Payment Message: Sample NVP](#)

Name/Value Pair layout: The e-commerce Payment (EC_PAY_ACC) name/value pair message uses the following layout: name=value.

Example:

```

companycode=555
order_id=7557
order_number=7607
  
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Note: If a field is included in the name/value pair message, the field must be included in the order shown below. However, if the field is empty, the field does not need to be sent.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		WEB
target	alpha		RDC
type	alpha		CWPayment
resp_qmgr	alpha	44	The MQ Series queue manager identified for the process queue in Work with E-Commerce Job Control (EJCT).
resp_q	alpha	44	The MQ Series queue identified for the process queue in Work with E-Commerce Job Control (EJCT).
Payment The Payments element can include one or more Payment elements. At least one payment method is required.			
company_code	numeric	3	Identifies the company for the order. Validated against the Company file. Required.
order_id	numeric	8	From the <i>Order #</i> field in the Order Header file.
order_number	alpha	32	From the <i>E-commerce order number</i> in the Order Header Extended file. This field is labeled the <i>Web order number</i> at the Display Order Properties screen.
cc_name	alpha	40	Not currently implemented.
cc_type	numeric	2	Maps to the <i>Pay type</i> field in the Order Payment Method file. Identifies the credit card payment method on the order. This code must be a valid credit card pay type (payment category 2), including: <ul style="list-style-type: none"> • Bill Me Later (card type B) • credit card (card type C) • debit card (card type D) • stored value card (card type S)

Attribute Name	Type	Length	Comments
cc_number	alpha	20	<p>Updates the <i>Credit card number</i> field in the Order Payment Method file; see the <i>Credit card #</i> field at the Display Order Pay Type screen (1 of 2). Required for credit card payment methods except for Bill Me Later, or the order will be in error with a reason of Invalid Credit Card.</p> <p>Encryption: Credit card encryption allows you to encrypt the credit card number in the CWDirect database. If you use credit card encryption, the credit card number in this message will not be encrypted because it is from an external system; however, the system encrypts the credit card number in the CWDirect database once the order is created. Auto-assignment: If the <i>Allow auto-assign</i> field for a pay category 2 pay type is selected, the system defaults the pay category 2 pay type to the order whose leading digits match the leading digits you enter in the <i>cc_number</i> field for the order.</p>
cc_exp_month	numeric	2	<p>Updates the first two positions of the <i>Expiration date</i> field in the Order Payment Method file; see the <i>Expiration date</i> at the Display Order Pay Type screen (1 of 2). The Require expiration date flag for the pay type controls whether an expiration date is required for credit card payment methods. If the pay type requires an expiration date and it is not passed in the message, the order will be in error with a reason of CC Expiration/Start Date.</p>
cc_exp_year	numeric	4	<p>Updates the second two positions of the <i>Expiration date</i> field in the Order Payment Method file; see the <i>Expiration date</i> at the Display Order Pay Type screen (1 of 2). Required for credit card payment methods. The Require expiration date flag for the pay type controls whether an expiration date is required for credit card payment methods. If the pay type requires an expiration date and it is not passed in the message, the order will be in error with a reason of CC Expiration/Start Date.</p>

Attribute Name	Type	Length	Comments
cc_sec_value	numeric	4	This field is not currently implemented. You can only define a card security value on an order entered through regular order entry/maintenance. Available in version: 6.01 or later of CWDirect.
cc_sec_presence	alpha	1	This field is not currently implemented. You can only define a card security value on an order entered through regular order entry/maintenance. Available in version: 6.01 or later of CWDirect.
auth_number	alpha	7	Updates the <i>Authorization number</i> field in the Order Payment Method file; see the <i>Authorization number</i> at the Display Order Pay Type screen (1 of 2). Used for credit card payment methods.
auth_date	numeric	8	Updates the <i>Authorization date</i> field in the Order Payment Method file; see the <i>Authorization date</i> at the Display Order Pay Type screen (1 of 2). MMDDYYYY format. Used for credit card payment methods.
auth_amount	numeric	9.2	Updates the <i>Manual auth amount</i> field in the Order Payment Method file; see the <i>Authorization amount</i> at the Display Order Pay Type screen (1 of 2). Used for credit card payment methods.
amt_to_charge	numeric	9.2	Updates the <i>Amount to charge</i> field in the Order Payment Method file; see the <i>Amount to charge</i> field at the Display Order Pay Type screen (1 of 2). For a coupon/gift certificate or cash/check payment method, also updates the Amount collected field. Required if the payment method is not the only one on the order. A negative amount represents a credit against the payment method. If you do not specify an amount and there is another payment method on the order without an amount specified, the order will be in error with a reason of <code>Multiple CCs with \$0</code> . This error indicates that the order can have only one "catch-all" payment method; see the discussion of catch-all payment methods at the Enter Payment Method screen. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
gc_type	numeric	2	<p>Maps to the <i>Pay type</i> field in the Order Payment Method file.</p> <p>Identifies the gift certificate or coupon payment method on the order.</p> <p>If this field is blank, the system uses the value in the <i>Default Pay Type for Gift Certificates/Coupons (G48)</i> system control value. If there is a valid, unredeemed gift certificate/coupon number in the <i>gift_certificate_number</i> field on the order message, the system uses the amount specified for this number in the Coupon Redemption file and does not check the value of the <i>gift_certificate_amount</i> field.</p> <p>The <i>gc_type</i> field and/or <i>Default Pay Type for Gift Certificates/Coupons (G48)</i> must specify a valid coupon/credit pay type (payment category 5).</p> <p>Available in version: 6.0 or later of CWDirect.</p>
gift_certificate_number	numeric	7	<p>Updates the <i>Gift cert/coupon</i> field in the Order Payment Method file. Required if a coupon/credit payment method is defined in the <i>gc_type</i> field.</p> <ul style="list-style-type: none"> If this value is a valid, unredeemed gift certificate/coupon number in the <i>gift_certificate_number</i> field on the order message, the system uses the amount specified for this number in the Coupon Redemption file and does not check the value of the <i>gift_certificate_amount</i> field. If this value does not match a record in the Coupon Redemption file, the system creates a coupon or credit payment method on the order; however, the <i>Dynamic Creation of Coupons (B21)</i> system control value must be selected set to Y, or the order will be in error because of an Invalid coupon.
gift_certificate_amount	numeric	9.2	<p>The amount of the coupon/credit payment method.</p> <p>If there is a valid, unredeemed gift certificate/coupon number in the <i>gift_certificate_number</i> field on the order message, the system uses the amount specified for this number in the Coupon Redemption file and does not use the amount defined in the <i>gift_certificate_amount</i> field.</p>

Attribute Name	Type	Length	Comments
expiration_date	alpha	8	The date the coupon/credit payment method expires.
hold_id	alpha	2	If a hold reason code is included, the system checks that the order hold reason code is valid. If the code is valid, the system puts the order on hold; otherwise, the order goes into error status. Updates the <i>OHD OHR Sys hold reason</i> field in the Order Header file. Available in version: 5.0 or later of CWDirect.
ar_type	numeric	2	Maps to the <i>Pay type</i> field in the Order Payment Method file. Identifies the accounts receivable payment method on the order. This code must be a valid accounts receivable pay type (payment category 3). Available in version: 6.0 or later of CWDirect.
po_number	alpha	15	For each ship-to on the order, the system checks the <i>ship_to_po_number</i> first; if there is no PO number specified, the system uses the order-level <i>po_number</i> . Updates the Purchase order # field in the Order Ship To file. If the <i>Verify Duplicate PO Numbers for A/R Orders (D80)</i> system control value is selected set to Y and the purchase order number is a duplicate, the order will be in error with a reason of <i>Duplicate PO#</i> . Also, if the <i>PO Required for A/R Orders (D79)</i> system control value is selected set to Y and no purchase order number is specified, the order will be in error with a reason of <i>Missing PO#-Req for A/R</i> . Available in version: 6.0 or later of CWDirect.
start_date	numeric	4	Indicates the first date when the card is effective. MMY format. The <i>Require start date</i> flag for the pay type controls whether a start date is required for credit card pay types. If a start date is required and it is not provided in the message, the order will be in error with a reason of <i>CC Expiration/Start Date</i> . Typically used for debit card or stored value card pay types. Available in version: 7.5 or later of CWDirect for XML only.

Attribute Name	Type	Length	Comments
card_issue_nbr	alpha	2	<p>A sequential issue number, issued by the bank, indicating how many times the card has been replaced. The <i>Require issue #</i> flag for the pay type controls whether an issue number is required for credit card pay types. If an issue number is required and it is not provided in the message, the order will be in error with a reason of <i>Invalid Card Issue#</i>.</p> <p>Available in version: 7.5 or later of CWDirect for XML only.</p>
soc_sec_nbr	numeric	9	<p>Used for a Bill Me Later pay type. Because the social security number is treated here as a numeric value, it should be zero-filled if just the last four digits are included. For example, if the customer enters 1234 as the last four digits of the social security number, this attribute should be set to 00001234 in order to update the Customer Sold To BML file correctly.</p> <p>The social security number is not required if the customer already has a Bill Me Later account number, as shown at the Display Customer Order History screen. However, if the customer does not already have a Bill Me Later account and the last four digits of the social security number are not provided, the order will be in error with a reason of <i>Invalid social security number</i>.</p> <p>The system updates the Customer Sold To BML file with the social security number provided, so this information will be available when you send the order out for authorization.</p> <p>Available in version: 7.5 or later of CWDirect for XML only.</p>
bml_version	numeric	5	<p>Used as the terms and conditions (T&C) code when creating an account for a customer with a Bill Me Later payment method. If a T&C code is not included in the message, the system uses the T&C web site BML T&C version (web site) specified for the Bill Me Later pay type. The terms and conditions code should be zero-filled in order to update the Customer Sold To BML file correctly. For example, a terms and conditions code of 123 should be passed as a bml_version of 00123.</p> <p>Available in version: 7.5 or later of CWDirect for XML only.</p>

Attribute Name	Type	Length	Comments
birthdate	numeric	8	<p>Used for a Bill Me Later pay type. MMDDYYYY format. The date of birth should be zero-filled in order to update the Customer Sold To BML file correctly. For example, if the customer's date of birth is August 25, 1953, the birth date should be 08251953.</p> <p>The date of birth is not required if the customer already has a Bill Me Later account number, as shown at the Display Customer Order History screen. However, if the customer does not already have a Bill Me Later account and the date of birth is not provided, the order will be in error with a reason of Invalid date of birth.</p> <p>The system updates the Customer Sold To BML file with the birth date provided, so this information will be available when you send the order out for authorization.</p> <p>Available in version: 7.5 or later of CWDirect for XML only.</p>
check_type	numeric	2	<p>Maps to the <i>Pay type</i> field in the Order Payment Method file.</p> <p>Identifies the cash/check payment method on the order.</p> <p>This code must be a valid cash/check pay type (payment category 1).</p> <p>To create a cash/check payment method on the order, at minimum, you must enter the pre-paid pay type code in the <i>check_type</i> field and the amount in the <i>check_amount</i> field.</p> <p>Available in version: 8.0 or later of CWDirect for XML only.</p>
check_number	numeric	9	<p>Updates the <i>Check number</i> field in the Order Payment Method file.</p> <p>The number of the check. Used for cash/check payment methods.</p> <p>Available in version: 8.0 or later of CWDirect for XML only.</p>
check_amount	numeric	9.2	<p>The amount of the check. Used for cash/check payment methods. If an amount is not defined, the system places the order on balance due hold.</p> <p>Available in version: 8.0 or later of CWDirect for XML only.</p>

Attribute Name	Type	Length	Comments
checking_account	alpha	20	The checking account number. Used for cash/check payment methods. Updates the <i>Checking account</i> field in the Order Payment Method file. Available in version: 8.0 or later of CWDirect for XML only.
routing_number	numeric	9	The routing number defined for the check. Used for cash/check payment methods. Updates the <i>Routing number</i> field in the Order Payment Method file. Available in version: 8.0 or later of CWDirect for XML only.
cash_control_number	numeric	5	The cash control number assigned to the check. Used for cash/check payment methods. Updates the <i>Cash control number</i> field in the Order Payment Method file. Available in version: 8.0 or later of CWDirect for XML only.
pin_id	numeric	9	Informational-only; used for cash/check payment methods. Updates the <i>Pin storage</i> field in the Order Payment Method file. The Pin storage field is not currently implemented. Available in version: 8.0 or later of CWDirect for XML only.
authentication_value	alpha	40	A code received from an authentication service, such as Visa's Verified by Visa program or MasterCard's SecureCode program, indicating whether the card authentication password the cardholder entered on the web storefront was approved for the credit card. Updates the <i>Authentication value</i> field in the Order Payment Method file. Available in version: 9.0 or later of CWDirect for XML only.

Attribute Name	Type	Length	Comments
ecommerce_indicator	alpha	4	<p>This value represents either:</p> <ul style="list-style-type: none"> An electronic commerce indicator code, received from an authentication service such as Visa's Verified by Visa program or MasterCard's SecureCode program, indicating the level of security provided for a credit card transaction placed over the internet. A value indicating if the order was placed on a web storefront. Valid values are: <ul style="list-style-type: none"> YES = The order was placed over the web storefront. NO = The order was not placed over the web storefront. <p>Updates the <i>Ecomm Indic</i> field in the Order Payment Method file.</p> <p>Available in version: 9.0 or later of CWDirect for XML only.</p>

E-Commerce Payment Message: Sample XML

A sample of the [E-Commerce Payment Message \(CWPayment\)](#) in XML format is presented below.

```
- <Message source="WEB" target="RDC" type="CWPayment">
  - <Payments>
    <Payment company_code="555" order_id="7613" order_number="555" nbr_paytypes="03"
      cc_exp_month="" cc_exp_year="" ar_type="09" />
    <Payment company_code="555" order_id="7613" order_number="555" nbr_paytypes="03"
      cc_name="VISA" cc_type="04" cc_number="4788250000121443" cc_exp_month="09"
      cc_exp_year="2005" cc_sec_value="5522" cc_sec_presence="1" auth_amount="000002500"
      />
    <Payment company_code="555" order_id="7613" order_number="555" nbr_paytypes="03"
      cc_name="MASTERCARD" cc_type="05" cc_number="5500545454545345" cc_exp_month="06"
      cc_exp_year="2006" auth_amount="000005000" />
  </Payments>
</Message>
```

E-Commerce Payment Message: Sample NVP

A sample of the [E-Commerce Payment Message \(CWPayment\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

```
company_code=555;order_id=7613;order_number=7613;nbr_paytypes=1;cc_name=VISA;cc_type=04;cc
_number=4788250000121443;cc_exp_month=09;cc_exp_year=2005;cc_sec_value=5522;cc_sec_presenc
e=1;gc_type=10;gift_certificate_number=88555;gift_certificate_amount=10000;
```

E-Commerce New Order Response Message (CWOrderResponse)



The EC_ORDERS job, started through Work with E-Commerce Job Control (**EJCT**), sends a New Order Response message to the web storefront if the payment information for the new order is sent separately in the [E-Commerce Payment Message \(CWPayment\)](#).

For more information: See:

- [E-Commerce New Order Response Message: Sample XML](#)
- [E-Commerce New Order Response Message: Sample NVP](#)

Name/Value Pair layout: The e-commerce New Order Response (EC_ORDERS) name/value pair message uses the following layout: name=value.

Example:

```

companycode=555
order_id=7557
offer_id=204
  
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Note: If a field is included in the name/value pair message, the field must be included in the order shown below. However, if the field is empty, the field does not need to be sent.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the XML message. RDC indicates the XML message originates from CWDirect.
target	alpha		Identifies the target of the XML message. WEB indicates the XML message is sent to the web storefront.

Attribute Name	Type	Length	Comments
type	alpha		Identifies the type of information in the XML message.
Header One Header element is required.			
company_code	numeric	3	Identifies the company for the order. From the <i>CMP Company</i> field in the Order Header file.
order_id	numeric	8	The order number assigned by CWDirect. From the <i>Order #</i> field in the Order Header file.
offer_id	alpha	3	Identifies the offer on the order.
order_number	alpha	32	From the <i>E-commerce order number</i> in the Order Header Extended file. This field is labeled the <i>Web order number</i> at the Display Order Properties screen.
bill_me_later_ind	alpha	1	Valid values are: Y = The customer has an existing Bill Me Later account N = The customer does not have an existing Bill Me Later account The system determines the setting of this flag based on whether there is an account number in the Customer Sold To BML file, regardless of whether the customer actually uses a Bill Me Later payment method on this order. For example, if the customer is applying for a Bill Me Later account with this order, then this flag is set to N , because the order has not gone out for authorization yet and the account number has not yet been established. The customer's Bill Me Later account number, if it exists, is shown on the Display Customer Order History screen.
sub_total	numeric	9.2	The merchandise total on the order ship to, after applying any repricing or discounts. From the <i>OST Merch</i> field in the Order Ship To file.
discount_total	numeric	9.2	The discount total on the order ship to. The system subtracts the offer price from the selling price for each order line to determine the total discount.

Attribute Name	Type	Length	Comments
shipping	numeric	7.2	The total freight charges for the order ship to. From the <i>OST Freight</i> field in the Order Ship To file.
additional_shipping	numeric	7.2	The total additional freight for the order ship to. From the <i>Add'l freight</i> field in the Order Ship To file.
tax	numeric	7.2	The total tax for the order ship to. From the <i>OST Tax</i> field in the Order Ship To file.
additional_charges	numeric	7.2	The total additional charges for the order ship to. From the <i>OST Add'l charges</i> field in the Order Ship To file.
handling	numeric	7.2	The total handling charges for the order ship to. From the <i>OST Handling</i> field in the Order Ship To file.
order_total	numeric	11.2	The total of all merchandise, shipping, charges, handling, and tax for the order ship to.
gst	numeric	7.2	The total Canadian Goods and Service Tax, if any, that applies to the order shipping address. The GST and PST are included in the tax total. From the <i>OST GST</i> field in the Order Ship To file. Available in version: 7.5 or later of CWDirect for XML only.
pst	numeric	7.2	The total Canadian Provincial Services Tax, if any, that applies to the order shipping address. The GST and PST are included in the tax total. From the <i>OST PST</i> field in the Order Ship To file. Available in version: 7.5 or later of CWDirect for XML only.
customer_number	numeric	9	The number identifying the sold to customer on the order. From the <i>Customer #</i> field in the Order Header file.
ind_number	numeric	3	The number identifying the individual customer on the order. From the <i>OHE Placer</i> field in the Order Header Extended file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
ar_number	numeric	7	The number identifying the bill to customer on the order. From the <i>CBT Account #</i> field in the Order Header file. Available in version: 6.0 or later of CWDirect.
free_giftr	alpha	30	Free gift message on the order.
Detail			
ship_to_number	numeric	3	The number identifying the ship to address on the order. From the <i>Ship to #</i> field in the Order Ship To file. Available in version: 5.0 or later of CWDirect.
sku	numeric	7	The short SKU code for the item on the order line. From the <i>Short SKU</i> field in the SKU file.
item_id	alpha	12	The item number on the order line. From the <i>ITM Number</i> field in the Order Detail file.
The <i>pickup_type</i> , <i>pickup_system_location</i> , and <i>pickup_location</i> values are related to store fulfillment requests. When an order line is flagged for store fulfillment, the order detail information is available for the order response message only if the system has not yet created the actual store fulfillment request, which deletes the order detail line.			
pickup_type	alpha	2	Indicates that the item is flagged for store fulfillment. Valid values are: <ul style="list-style-type: none"> SP = flagged for store pickup SS = flagged for store shipment Passed only for a store fulfillment. Available in version: 7.5 or later of CWDirect for XML only.
pickup_system_location	alpha	10	A code identifying the system associated with the store fulfillment location. For example, if <i>pickup_location 10</i> indicates a particular store, the system might indicate the CWStore database. Passed only for a store fulfillment request. Available in version: 7.5 or later of CWDirect for XML only.

Attribute Name	Type	Length	Comments
pickup_location	alpha	10	A code identifying the location where the customer will pick up the item, or that will ship the item. Passed only for a store fulfillment request. Available in version: 7.5 or later of CWDirect for XML only.
list_price	numeric	7.2	The unit price of the item. Not included for free gift or no-charge items. From the <i>ODT Price</i> field in the Order Detail file.
status	alpha	50	Indicates the status of the item on the order line, based on the <i>ODT Line status</i> field in the Order Detail file. Valid values: Item sent to store for pickup (SP) Your membership is being processed (Y) Item is no longer available (S) Item will be shipped directly from the vendor (D) In stock and reserved (IN) Item is backordered (BO) X reserved (1 , partial backorder)
expected_ship_date	numeric	8	Passed only if the item is backordered and there is an open purchase order for the item. MMDDYYYY format, or if the <i>Calculate Expected Date in OE if No PO</i> system control value is selectedset to Y . This date is included for drop ship items only if the <i>Assign Drop Ship Expected Ship Date (159)</i> system control value is selectedset to Y . See that system control value for more information.
reserved_warehouse	numeric	3	The warehouse where the item is reserved. Passed only if the item is reserved. From the <i>ODT Whs warehouse</i> field in the Order Detail file.
reserved_quantity	numeric	5	Passed only if the item is reserved. May be less than the <i>order_quantity</i> . From the <i>ODT Qty reserved</i> field in the Order Detail file.

Attribute Name	Type	Length	Comments
<p>Promotion</p> <p>The Promotion element lists the type of end of order promotions that were applied to the order. You can use this information on the web storefront to display to the customer the type of promotions for which the order qualifies, such as ship via upgrade, reduced or free freight, or free items.</p> <p>The Promotion element is included only if the <i>Write Promotional Information to the Order Response Message (J38)</i> system control value and <i>Apply End of Order Discounts during Repricing (J37)</i> system control value are selected set to Y.</p> <p>Available in version: The Promotion element and all of its attributes is available in version 10.0 or later of CWDirect for XML only.</p>			
promotion_ship_to_number	numeric	3	The order ship to number associated with the end of order promotion. From the <i>Ship to #</i> in the Order Discount Audit file.
promotion_type_code	alpha	2	A code used to identify the type of promotion applied to the order. Valid values are: FF = free freight FO = freight override FA = additional charge on freight promotion FV = ship via override on freight promotion AA = additional charge on additional freight promotion AV = ship via override on additional freight promotion OA = additional charge on order promotion OV = ship via override on order promotion TA = additional charge on tiered promotion TG = free gift on tiered promotion RA = additional charge on offer promotion RG = free gift on offer promotion SA = additional charge on source promotion SG = free gift on source promotion PI = package insert
			PT = premium See Promotions for more information about each promotion type. From the <i>Promotion type</i> field in the Order Discount Audit file.

Attribute Name	Type	Length	Comments
promotion_type_code_desc	alpha	25	<p>A description of the type of promotion applied to the order.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> • free freight • freight override • additional charge on freight promotion • ship via override on freight promotion • additional charge on additional freight promotion • ship via override on additional freight promotion • additional charge on order promotion • ship via override on order promotion • additional charge on tiered promotion • free gift on tiered promotion • additional charge on offer promotion • free gift on offer promotion • additional charge on source promotion • free gift on source promotion • package insert • premium
promotion_original_freight_amt	numeric	7.2	<p>The freight amount for the order ship to before it was discounted by a freight promotion. This value is only populated for the FF (free freight) or FO (freight override) promotion types. From the <i>Original freight</i> field in the Order Discount Audit file.</p>
promotion_freight_amt	numeric	7.2	<p>The freight amount for the order ship to after the freight promotion has been applied to the order. If freight is not being charged for the order ship to, 0.00 displays. This value is only populated for the FF (free freight) and FO (freight override) promotion types. From the <i>Promotion freight amt</i> field in the Order Discount Audit file.</p>

Attribute Name	Type	Length	Comments
promotion_addl_charge_code	numeric	2	The additional charge code that was added to the order as a result of the promotion. This value is only populated for the following promotion types: <ul style="list-style-type: none"> • FA (additional charge on freight promotion) • AA (additional charge on additional freight promotion) • OA (additional charge on order promotion) • TA (additional charge on tiered promotion) • RA (additional charge on offer promotion) • SA (additional charge on source promotion) From the <i>Add'l chg code</i> field in the Additional Charge file. Based on the <i>OAC seq #</i> field in the Order Discount Audit file.
promotion_addl_charge_code_desc	alpha	30	The description of the additional charge code that was added to the order as a result of the promotion. From the <i>Description</i> field in the Additional Charge file.
promotion_addl_charge_amt	numeric	7.2	The amount of the additional charge that was applied to the order as a result of the promotion. Typically, this amount is a negative amount, indicating a discount to the order. This value is only populated for the following promotion types: <ul style="list-style-type: none"> • FA (additional charge on freight promotion) • AA (additional charge on additional freight promotion) • OA (additional charge on order promotion) • TA (additional charge on tiered promotion) • RA (additional charge on offer promotion) • SA (additional charge on source promotion) From the <i>OAC Add'l charges</i> field in the Order Discount Audit file.
original_shipping_method	numeric	2	The ship via for the order ship to before it was overridden by the promotion. This value is only populated for the following promotion types: <ul style="list-style-type: none"> • FV (ship via override on freight promotion) • AV (ship via override on additional freight promotion) • OV (ship via override on order promotion) From the <i>Original ship via</i> field in the Order Discount Audit file.

Attribute Name	Type	Length	Comments
original_shipping_method_desc	alpha	30	The description of the ship via that was assigned to the order before it was overridden by the promotion. From the <i>Shipper name</i> field in the Ship Via file.
promotion_shipping_method	numeric	2	The ship via for the order ship to after the promotion has been applied to the order. This value is only populated for the following promotion types: <ul style="list-style-type: none"> • FV (ship via override on freight promotion) • AV (ship via override on additional freight promotion) • OV (ship via override on order promotion) From the <i>Promotion ship via</i> field in the Order Discount Audit file.
promotion_shipping_method_desc	alpha	30	The description of the ship via that was assigned to the order as a result of the promotion. From the <i>Shipper name</i> field in the Ship Via file.
promotion_item_id	alpha	12	A code for the item that was added to the order as a result of a free gift, premium, or package insert. This value is only populated for the following promotion types: <ul style="list-style-type: none"> • TG (free gift on tiered promotion) • RG (free gift on offer promotion) • SG (free gift on source promotion) • PI (package insert) • PT (premium) From the <i>ITM number</i> field in the Order Detail file. Based on the <i>ODT seq #</i> field in the Order Discount Audit file.
promotion_item_desc	alpha	40	A description of the item that was added to the order as a result of a free gift, premium, or package insert. From the <i>Description</i> field in the Item file.

Attribute Name	Type	Length	Comments
promotion_sku	alpha	14	A code for the SKU of the item that was added to the order as a result of a free gift, premium, or package insert. This value is only populated for the following promotion types: <ul style="list-style-type: none"> • TG (free gift on tiered promotion) • RG (free gift on offer promotion) • SG (free gift on source promotion) • PI (package insert) • PT (premium) From the <i>SKU code</i> field in the Order Detail file. Based on the <i>ODT seq #</i> field in the Order Discount Audit file.
promotion_sku_desc	alpha	40	A description of the SKU that was added to the order as a result of a free gift, premium, or package insert. From the <i>Description</i> field in the SKU file.
promotion_offer_price	numeric	7.2	The offer price for the order detail line associated with the promotion, if one exists. This value is only populated for the following promotion types: <ul style="list-style-type: none"> • TG (free gift on tiered promotion) • RG (free gift on offer promotion) • SG (free gift on source promotion) • PI (package insert) • PT (premium) From the <i>Offer price</i> field in the Order Detail file.
promotion_price	numeric	7.2	The selling price of the order detail line associated with the promotion. If the item is free of charge, 0.00 displays. This value is only populated for the following promotion types: <ul style="list-style-type: none"> • TG (free gift on tiered promotion) • RG (free gift on offer promotion) • SG (free gift on source promotion) • PI (package insert) • PT (premium) From the <i>ODT price</i> field in the Order Detail file.
promotion_line_seq_nbr	numeric	5	The sequence number of the order line associated with the promotion. From the <i>ODT seq #</i> field in the Order Discount Audit file.

E-Commerce New Order Response Message: Sample XML

A sample of the [E-Commerce New Order Response Message \(CWOrderResponse\)](#) in XML format is presented below.

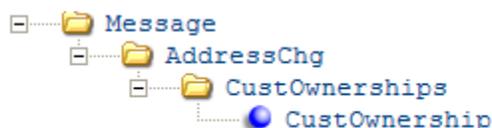
```
- <Message source="RDC" target="WEB" type="CWOrderResponse">
  <Header company_code="555" order_id="7614" offer_id="204" order_number="555"
    bill_me_later_ind="N" sub_total="000004500" shipping="0000140"
    additional_shipping="0000200" tax="0000675" order_total="00000005515"
    customer_number="000000496" ar_number="0000080" />
  - <Details>
    <Detail ship_to_number="001" sku="1745" item_id="2004ITEM1" list_price="0002500"
      status="In stock and reserved!" reserved_warehouse="204" reserved_quantity="00001"
      />
    <Detail ship_to_number="001" sku="1748" item_id="2004ITEM2" list_price="0001000"
      status="In stock and reserved!" reserved_warehouse="204" reserved_quantity="00001"
      />
    <Detail ship_to_number="001" sku="1750" item_id="2004ITEM3" list_price="0001000"
      status="In stock and reserved!" reserved_warehouse="204" reserved_quantity="00001"
      />
  </Details>
</Message>
```

E-Commerce New Order Response Message: Sample NVP

A sample of the [E-Commerce New Order Response Message \(CWOrderResponse\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

```
company_code=555;order_id=7615;offer_id=204;order_number=555;bill_me_later_ind=N;sub_total
=000000500;shipping=0000140;additional_shipping=0000200;tax=0000075;order_total=0000000091
5;customer_number=000000496;ar_number=0000080;ship_to_number=001;sku=1745;item_id=2004ITEM
1;list_price=0000500;status=In stock and
reserved!;reserved_warehouse=204;reserved_quantity=00001;
```

E-Commerce Name/Address Change Message (CWAddressChg)



The EC_CST_UPD job, started through E-Commerce Job Control (**EJCT**) creates and updates customers through the e-commerce interface. The main purposes of this job:

- receive and process name and address updates for sold to, bill to, or individual customers. For example, a customer may wish to change address information if he or she moved.
- receive and process new sold to customers. For example, a customer may wish to register on the web storefront without requesting a catalog or entering an order. You cannot create a new bill to customer or individual. **Note:** Creating sold to customers is available for XML messages only, not name/value pair messages.

For more information: See:

-

Name/Value Pair layout: The e-commerce name/address change (EC_CST_UPD) name/value pair message uses the following layout: `name=value`.

Example:

```
companycode=555  
customer_number=204  
new_fname=BERNADETTE
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Note: If a field is included in the name/value pair message, the field must be included in the order shown below. However, if the field is empty, the field does not need to be sent.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the XML message. WEB indicates the XML message is from the web storefront. Required.
target	alpha		Identifies the target of the XML message. RDC indicates the XML message is sent to CWDirect. Required.
type	alpha		Identifies the type of information in the XML message. CWAddressChg indicates the message contains a name/address change. Required.
AddressChg One AddressChg element is required.			
company_code	numeric	3	The company where the customer is located. Maps to the <i>CMP Company</i> field in the Customer Sold To file. Required.
customer_number	numeric	9	A number that represents a sold to customer. Maps to the <i>CST Customer #</i> field in the Customer Sold To file. A customer sold to number is required if you are updating a sold to customer, bill to customer or individual customer. Leave this field blank if you are creating a new sold to customer.

Attribute Name	Type	Length	Comments
processing_type	alpha	1	<p>Indicates if the customer information passed should create a new customer or update an existing customer. Valid values:</p> <p>C (create sold to customer, send response): The system creates a new sold to customer, using the name and address information in the message and also sends an E-Commerce Name/Address Change Response Message (CWCchgResponse) back to the web storefront.</p> <p>Note: You cannot create a new bill to customer or individual customer.</p> <p>U (update customer, send response): The system updates an existing sold to customer (using the <i>customer_number</i>), bill to customer (using the <i>ar_number</i>), or individual customer (using the <i>ind_number</i>) and also sends an E-Commerce Name/Address Change Response Message (CWCchgResponse) back to the web storefront.</p> <p>blank or a value other than C or U (update customer, no response): The system updates the existing sold to, bill to, and/or individual, but does not send an E-Commerce Name/Address Change Response Message (CWCchgResponse) back to the web storefront.</p> <p>Available in version: 7.0 or later of CWDirect for XML only.</p>
The <i>new</i> fields are used to create a new sold to customer or update an existing sold to customer. You must define a complete, valid address in these fields.			
new_prefix	alpha	3	<p>The new prefix to assign to the sold to customer.</p> <p>Maps to the <i>NAM Prefix</i> field in the Customer Sold To file.</p> <p>Available in version: 7.0 or later of CWDirect for XML only.</p>
new_fname	alpha	15	<p>The new first name to assign to the sold to customer.</p> <p>Maps to the <i>NAM First name</i> field in the Customer Sold To file.</p>
new_initial	alpha	1	<p>The new middle initial to assign to the sold to customer.</p> <p>Maps to the <i>NAM Initial</i> field in the Customer Sold To file.</p> <p>Available in version: 6.0 or later of CWDirect.</p>

Attribute Name	Type	Length	Comments
new_lname	alpha	25	The new last name to assign to the sold to customer. Maps to the <i>NAM Last name</i> field in the Customer Sold To file.
new_suffix	alpha	3	The new suffix to assign to the sold to customer. Maps to the <i>NAM Suffix</i> field in the Customer Sold To file. Available in version: 7.0 or later of CWDirect for XML only.
new_company	alpha	30	The new company name to assign to the sold to customer. Maps to the <i>NAM Company name</i> field in the Customer Sold To file.
new_busres	alpha	1	The new delivery code to assign to the sold to customer. Valid values: B = Business. R = Residence. Maps to the <i>NAM Delivery code</i> field in the Customer Sold To file.
new_address1	alpha	32	The new street address to assign to the sold to customer address. Maps to the <i>NAM Street address</i> field in the Customer Sold To file.
new_address2	alpha	32	The new second address line to assign to the sold to customer address. Maps to the <i>NAM Address line 2</i> field in the Customer Sold To file.
new_address3	alpha	32	The new third address line to assign to the sold to customer address. Maps to the <i>NAM Address line 3</i> field in the Customer Sold To Extended file.
new_address4	alpha	32	The new fourth address line to assign to the sold to customer address. Maps to the <i>NAM Address line 4</i> field in the Customer Sold To Extended file.
new_apartment	alpha	10	The new apartment/suite number to assign to the sold to customer address. Maps to the <i>NAM Apartment</i> field in the Customer Sold To file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
new_city	alpha	25	The new city to assign to the sold to customer address. Maps to the <i>NAM City</i> field in the Customer Sold To file.
new_state	alpha	2	The new state code to assign to the sold to customer address. Maps to the <i>NAM State</i> field in the Customer Sold To file.
new_zip	alpha	10	The new postal code to assign to the sold to customer address. Maps to the <i>NAM Zip</i> field in the Customer Sold To file.
new_country	alpha	3	The new country code to assign to the sold to customer address. Maps to the <i>RPR Country</i> field in the Customer Sold To file.
new_email	alpha	50	The new email address to assign to the sold to customer. Maps to the <i>E-mail</i> field in the Customer Sold To file.
new_day_phone	alpha	14	The new day phone number to assign to the sold to customer. The system formats the number as specified at the Work with Telephone Number Format screen. Maps to the <i>Phone</i> field in the Customer Sold To Phone # file whose <i>CS# Phone # type</i> field is D .
new_eve_phone	alpha	14	The new evening phone number to assign to the sold to customer. The system formats the number, as specified at the Work with Telephone Number Format screen. Maps to the <i>Phone</i> field in the Customer Sold To Phone # file whose <i>CS# Phone # type</i> field is E .

Attribute Name	Type	Length	Comments
new_fax_phone	alpha	14	The new fax number to assign to the sold to customer. The system formats the number, as specified at the Work with Telephone Number Format screen. Maps to the <i>Phone</i> field in the Customer Sold To Phone # file whose <i>CS# Phone # type</i> field is F . Available in version: 7.0 or later of CWDirect for XML only.
allow_rent	alpha	1	Indicates whether to include the customer's name in lists you sell to other companies. Valid values: Y = Sell the customer's name to other companies. N = Do not sell the customer's name to other companies. Maps to the <i>CST Rent name?</i> field in the Customer Sold To file.
allow_email	alpha	1	This field is not currently implemented. Maps to the <i>CST Rent e-mail</i> field in the Customer Sold To file.
allow_mail	alpha	1	Indicates whether the customer receives future catalogs. Valid values: Y = Mail catalogs to the customer. N = Do not mail catalogs to the customer. Maps to the <i>CST Mail name?</i> field in the Customer Sold To file.
new_opt_in	alpha	2	The preferred method of correspondence for the primary email address. Valid values: O1 (Email): Email is the preferred method of correspondence. O2 (Order-only email): Use email for order-related correspondence only; generate a spool file for other correspondence. O3 (No email): Do not use email for any correspondence; generate a spool file instead. O4 (Do not ask the customer): Do not ask the customer for his/her email address. Maps to the <i>CST E-Mail status</i> field in the Customer Sold To file. Available in version: 7.0 or later of CWDirect for XML only.

Attribute Name	Type	Length	Comments
new_user_field_1	alpha	10	A user field defined for the sold to customer. If this field is left blank for a sold to customer update, the system will not update the existing value to blank. Maps to the <i>User field 1</i> field in the Customer Sold To Extended file. Available in version: 7.0 or later of CWDirect for XML only.
new_user_field_2	alpha	10	A user field defined for the sold to customer. If this field is left blank for a sold to customer update, the system will not update the existing value to blank. Maps to the <i>User field 2</i> field in the Customer Sold To Extended file. Available in version: 7.0 or later of CWDirect for XML only.
new_user_field_3	alpha	10	A user field defined for the sold to customer. If this field is left blank for a sold to customer update, the system will not update the existing value to blank. Maps to the <i>User field 3</i> field in the Customer Sold To Extended file. Available in version: 7.0 or later of CWDirect for XML only.
new_user_field_4	alpha	10	A user field defined for the sold to customer. If this field is left blank for a sold to customer update, the system will not update the existing value to blank. Maps to the <i>User field 4</i> field in the Customer Sold To Extended file. Available in version: 7.0 or later of CWDirect for XML only.
The <i>ind</i> fields are used to update an existing individual customer. You must define a complete, valid address in these fields.			
ind_number	numeric	3	A number that represents an individual customer. Maps to the <i>CIF Customer individual #</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
ind_dept	alpha	3	A code that represents the individual's department within the organization. Maps to the <i>CIF Department</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_position	alpha	3	A code that represents the individual's position within the organization. Maps to the <i>CIF Position</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_prefix	alpha	3	The prefix of the individual customer. Maps to the <i>CIF name prefix</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_fname	alpha	15	The first name of the individual customer. Maps to the <i>CIF First name</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_initial	alpha	1	The middle initial of the individual customer. Maps to the <i>CIF Middle initial</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_lname	alpha	25	The last name of the individual customer. Maps to the <i>CIF Last name</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_suffix	alpha	3	The suffix of the individual customer. Maps to the <i>CIF Name suffix</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_day_phone	alpha	14	The day phone number assigned to the individual customer. The system formats the number, as specified at the Work with Telephone Number Format screen. If you enter, change, or delete the individual customer phone number and the Use Computer Telephony Integration (F26) system control value is selected set to Y , the system creates a record in the CTI Telephone Scan file. Maps to the <i>Day phone</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
ind_eve_phone	alpha	14	<p>The evening phone number assigned to the individual customer.</p> <p>The system formats the number, as specified at the Work with Telephone Number Format screen.</p> <p>If you enter, change, or delete the individual customer phone number and the <i>Use Computer Telephony Integration (F26)</i> system control value is selected set to Y, the system creates a record in the CTI Telephone Scan file.</p> <p>Maps to the <i>Eve phone</i> field in the Customer Individual file.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
ind_fax_phone	alpha	14	<p>The fax number assigned to the individual customer.</p> <p>The system formats the number, as specified at the Work with Telephone Number Format screen.</p> <p>Maps to the <i>Fax phone</i> field in the Customer Individual file.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
ind_email_address	alpha	50	<p>The email address assigned to the individual customer.</p> <p>Maps to the <i>CIF E-Mail address</i> field in the Customer Individual file.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
ind_opt_in	alpha	2	<p>The preferred method of correspondence for the individual's email address. Valid values:</p> <ul style="list-style-type: none"> O1 (Email): Email is the preferred method of correspondence. O2 (Order-only email): Use email for order-related correspondence only; generate a spool file for other correspondence. O3 (No email): Do not use email for any correspondence; generate a spool file instead. O4 (Do not ask the customer): Do not ask the customer for his/her email address. <p>Maps to the <i>CIF Opt in/opt out</i> field in the Customer Individual file.</p> <p>Available in version: 7.0 or later of CWDirect for XML only.</p>

Attribute Name	Type	Length	Comments
ind_mail_flag	alpha	1	Indicates if the individual receives future catalogs. Y = Mail catalogs to the individual. N = Do not mail catalogs to the individual. Maps to the <i>CIF Mail flag</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_rent_flag	alpha	1	Indicates whether to include the individual's name in lists you sell to other companies. Y = Sell the individual's name to another company. N = Do not sell the individual's name to another company. Maps to the <i>CIF Rent flag</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
ind_user_field_1	alpha	10	A user field defined for the individual customer. If this field is left blank for an individual customer update, the system will not update the existing value to blank. Maps to the <i>CIF User field 1</i> field in the Customer Individual file. Available in version: 7.0 or later of CWDirect for XML only.
ind_user_field_2	alpha	10	A user field defined for the individual customer. If this field is left blank for an individual customer update, the system will not update the existing value to blank. Maps to the <i>CIF User field 2</i> field in the Customer Individual file. Available in version: 7.0 or later of CWDirect for XML only.
ind_user_field_3	alpha	10	A user field defined for the individual customer. If this field is left blank for an individual customer update, the system will not update the existing value to blank. Maps to the <i>CIF User field 3</i> field in the Customer Individual file. Available in version: 7.0 or later of CWDirect for XML only.

Attribute Name	Type	Length	Comments
ind_user_field_4	alpha	10	A user field defined for the individual customer. If this field is left blank for an individual customer update, the system will not update the existing value to blank. Maps to the <i>CIF User field 4</i> field in the Customer Individual file. Available in version: 7.0 or later of CWDirect for XML only.
<p>The <i>ar</i> fields are used to update an existing bill to customer. You must define a complete, valid address in these fields.</p> <p>Note: If you update a bill to customer and also create or update a sold to customer in the same message, the system does not assign the bill to customer to the sold to customer.</p>			
ar_number	numeric	7	A number that represents a bill to customer. Maps to the <i>CBT Account #</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_prefix	alpha	3	The prefix assigned to the bill to customer. Maps to the <i>Prefix</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_fname	alpha	15	The first name assigned to the bill to customer. Maps to the <i>First name</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_initial	alpha	1	The middle initial assigned to the bill to customer. Maps to the <i>Initial</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_lname	alpha	25	The last name assigned to the bill to customer. Maps to the <i>Last name</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_suffix	alpha	3	The suffix assigned to the bill to customer. Maps to the <i>Suffix</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_company_name	alpha	30	The company name assigned to the bill to customer. Maps to the <i>Company name</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
ar_street_address	alpha	32	The street address of the bill to customer address. Maps to the <i>Street address</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_address_2	alpha	32	The second address line of the bill to customer address. Maps to the <i>Address line 2</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_address_3	alpha	32	The third address line of the bill to customer address. Maps to the <i>Address line 3</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_address_4	alpha	32	The fourth address line of the bill to customer address. Maps to the <i>Address line 4</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_apartment	alpha	10	The apartment/suite number of the bill to customer address. Maps to the <i>Apartment</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_city	alpha	25	The city of the bill to customer address. Maps to the <i>City</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_state	alpha	2	The state code of the bill to customer address. Maps to the <i>State</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_country	alpha	3	The country code of the bill to customer address. Maps to the <i>RPR Country</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.
ar_zip	alpha	10	The postal code of the bill to customer address. Maps to the <i>Zip</i> field in the Customer Bill To file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
ar_day_phone	alpha	14	The day phone number assigned to the bill to customer. The system formats the number, as specified at the Work with Telephone Number Format screen. Maps to the <i>Phone</i> field in the Customer Bill To Phone # file whose <i>CB# Phone # type</i> field is D . Available in version: 6.0 or later of CWDirect.
ar_eve_phone	alpha	14	The evening phone number assigned to the bill to customer. The system formats the number, as specified at the Work with Telephone Number Format screen. Maps to the <i>Phone</i> field in the Customer Bill To Phone # file whose <i>CB# Phone # type</i> field is E . Available in version: 6.0 or later of CWDirect.
ar_fax_phone	alpha	14	The fax number assigned to the bill to customer. Maps to the <i>Phone</i> field in the Customer Bill To Phone # file whose <i>CB# Phone # type</i> field is F . The system formats the number, as specified at the Work with Telephone Number Format screen. Available in version: 6.0 or later of CWDirect.
ar_email_address	alpha	50	The email address assigned to the bill to customer. Maps to the <i>CBT Email address</i> field in the Customer Bill To file. Available in version: 7.0 or later of CWDirect for XML only.

Attribute Name	Type	Length	Comments
ar_opt_in	alpha	2	The preferred method of correspondence for the bill to's email address. Valid values: O1 (Email): Email is the preferred method of correspondence. O2 (Order-only email): Use email for order-related correspondence only; generate a spool file for other correspondence. O3 (No email): Do not use email for any correspondence; generate a spool file instead. O4 (Do not ask the customer): Do not ask the customer for his/her email address. Maps to the <i>CBT Opt in/opt out</i> field in the Customer Bill To file. Available in version: 7.0 or later of CWDirect for XML only.
ar_print_statement	alpha	1	Controls whether the system prints a statement on open balances, and open and paid receipts for the customer. Y = Print an accounting statement. N = Do not print an accounting statement. Maps to the <i>CBT Print statement?</i> field in the Customer Bill To file.
CustOwnership The CustOwnerships element, if provided, can include one or more CustOwnership elements. Available in version: The CustOwnership element and all of its attributes is available in version 8.0 or later of CWDirect for XML only.			
cust_own_ID	alpha	10	A code that represents a product the customer owns or previously owned. Maps to the <i>Ownership ID</i> field in the Customer Ownership file.
cust_own_desc	alpha	40	A description of the product. Maps to the <i>Description</i> field in the Customer Ownership file.
cust_own_active	alpha	1	Indicates if the customer currently owns the product. Y = The customer currently owns the product. N = The customer previously owned the product. Maps to the <i>Act</i> field in the Customer Ownership file.

Attribute Name	Type	Length	Comments
cust_own_entry_date	numeric	8	The date the customer ownership record was created, in MMDDYYYY format. Maps to the <i>Entry date</i> field in the Customer Ownership file.
cust_own_confirm_date	numeric	8	The most recent date when the customer confirmed ownership of the product, in MMDDYYYY format. Maps to the <i>Confirm date</i> field in the Customer Ownership file.

E-Commerce Name/Address Change Message: Sample XML

A sample of the [E-Commerce Name/Address Change Message \(CWAddressChg\)](#) in XML format is presented below.

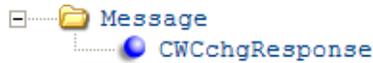
```
- <Message source="RDC" target="WEB" type="CWAddressChg">
  - <AddressChg company_code="555" processing_type="C" new_fname="PAUL"
    new_lname="LAFOND" new_busres="R" new_address1="PETERSHAM ROAD" new_city="TEMPLETON"
    new_state="MA" new_zip="01468" new_country="USA" new_day_phone="6173235527"
    new_eve_phone="5087618560" new_fax_phone="5556667777" allow_rent="1" allow_email="1"
    allow_mail="1" new_opt_in="03" ind_user_field_3="induserfld3">
    - <CustOwnerships>
      <CustOwnership cust_own_ID="FRDFCS04" cust_own_desc="2004 FORD FOCUS"
        cust_own_active="Y" />
    </CustOwnerships>
  </AddressChg>
</Message>
```

E-Commerce Name/Address Change Message: Sample NVP

A sample of the [E-Commerce Name/Address Change Message \(CWAddressChg\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

```
company_code=555;ar_number=3;ar_prefix=MS;ar_fname=LINDA;ar_initial=J;ar_lname=LETENDRE;ar
_street_address=217 TAMARACK
DRIVE;ar_city=SPRINGFIELD;ar_state=MA;ar_country=USA;ar_zip=01129;ar_day_phone=1234568888;
ar_eve_phone=4445556666;ar_fax_phone=5556667777;ar_print_statement=Y;
```

E-Commerce Name/Address Change Response Message (CWCchgResponse)



If the *processing_type* field in the [E-Commerce Name/Address Change Message \(CWAddressChg\)](#) contains a **C** or **U**, the EC_CST_UPD job sends an e-commerce name/address change response message back to the web storefront.

Available in version: The Name/Address Change Response message is available in version 7.0 or later of CWDirect for XML only.

- See.

Attribute Name	Type	Length	Comments
Message One Message element is required.			
source	alpha		Identifies the source of the XML message. <i>RDC</i> indicates the XML message is from CWDirect. Required.
target	alpha		Identifies the target of the XML message. <i>WEB</i> indicates the XML message is sent to the web storefront. Required.
type	alpha		Identifies the type of information in the XML message. <i>CWCchgResponse</i> indicates the message contains a name/address change response. Required.
CWCchgResponse One CWCchgResponse element is required.			
company_code	numeric	3	The company where the customer was created or updated. From the <i>CMP Company</i> field in the Customer Sold To file. Required.

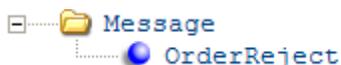
Attribute Name	Type	Length	Comments
customer_number	numeric	9	The sold to customer number that was created or updated. 0000000000000000 displays if a sold to customer was not created or updated, for example, a customer number was passed for a customer create or an existing sold to customer was not found for a customer update. From the <i>CST Customer #</i> field in the Customer Sold To file. Required.
response_type	alpha	1	Indicates if the customer was created or updated. C = The customer was created. U = The customer was updated. blank = A customer was not created or updated.
bill_me_later_ind	alpha	1	Indicates if the customer has an existing Bill Me Later account. Valid values: Y = The customer has an existing Bill Me Later account. N = The customer does not have an existing Bill Me Later account. The system determines the setting of this flag based on whether there is an account number in the Customer Sold To BML file for the sold to customer. Available in version: 8.5 or later of CWDirect.

E-Commerce Name/Address Change Response Message: Sample XML

A sample of the [E-Commerce Name/Address Change Response Message \(CWCchgResponse\)](#) in XML format is presented below.

```
- <Message source="RDC" target="IDC" type="CWCchgResponse">
  <CWCchgResponse company_code="555" customer_number="000000394" response_type="U"
    bill_me_later_ind="N" />
</Message>
```

E-Commerce Order Reject/Cancel Message (CWOrderReject)



The EC_REJECT job, started through E-Commerce Job Control (**EJCT**), receives the E-Commerce Order Reject/Cancel message when a customer rejects or cancels an order on the web storefront. The Order Reject/Cancel message contains the company code and order number to reject.

For more information: See:

- [E-Commerce Order Reject/Cancel Message: Sample XML](#)
- [E-Commerce Order Reject/Cancel Message: Sample NVP](#)

Name/Value Pair layout: The e-commerce order reject/cancel (EC_REJECT) name/value pair message uses the following layout: name=value.

Example:

```
companycode=555  
order_id=3227  
order_number=3237
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Note: If a field is included in the name/value pair message, it must be required. However, if the field is empty, it does not need to be sent.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the message. <i>WEB</i> indicates the message is from the web storefront. Required.
target	alpha		Identifies the target of the message. <i>RDC</i> indicates the message is sent to CWDirect. Required.
type	alpha		Identifies the type of information in the message. <i>CWOrderReject</i> indicates the message contains an order rejection request. Required.
OrderReject One OrderReject element is required.			
company_code	numeric	3	A code for the company where the order to reject is located. Maps to the <i>CMP Company</i> field in the Order Header file. Required.
order_id	numeric	8	The CWDirect order number you wish to reject. The order must be in an error status (E) to be eligible for rejection. Maps to the <i>Order #</i> field in the Order Header file. Required.

E-Commerce Order Reject/Cancel Message: Sample XML

A sample of the [E-Commerce Order Reject/Cancel Message \(CWOrderReject\)](#) in XML format is presented below.

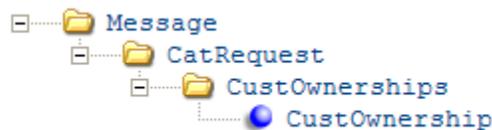
```
- <Message source="web" target="rdc" type="CWOrderReject">
  <OrderReject company_code="555" order_id="3237" />
</Message>
```

E-Commerce Order Reject/Cancel Message: Sample NVP

A sample of the [E-Commerce Order Reject/Cancel Message \(CWOrderReject\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

company_code=555;order_id=7617;order_number=7617;

E-Commerce Catalog Request Message (CWCatRequest)



The EC_CAT_REQ job, started through E-Commerce Job Control (**EJCT**), creates a catalog request when the customer enters a request on the web storefront. The main purposes of this job:

- receive and process catalog requests for sold to or individual customers.
- create the sold to customer or individual customer if the customer does not exist.
- update the sold to customer or individual customer if the customer information is updated.

Additionally, if the *response_required* field is **1**, the system sends an [E-Commerce Catalog Request Response Message \(CWCatreqResponse\)](#) back to the web storefront.

For more information: See:

- [E-Commerce Catalog Request Message: Sample XML](#)
- [E-Commerce Catalog Request Message: Sample NVP](#)

Additionally, you can update or create a sold to customer and individual using this message.

Name/Value Pair layout: The e-commerce catalog request (EC_CAT_REQ) name/value pair message uses the following layout: `name=value`.

Example:

```
companycode=555  
offer_id=204  
bill_to_fname=BERNADETTE
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Note: If a field is included in the name/value pair message, the field must be included in the order shown below. However, if the field is empty, the field does not need to be sent.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the message. <i>WEB</i> indicates the XML message is from the web storefront.
target	alpha		Identifies the target of the message. <i>RDC</i> indicates the XML message is sent to CWDirect.
type	alpha		Identifies the type of information in the XML message. <i>CWCatRequest</i> indicates the message contains a catalog request.
CatRequest One CatRequest element is required.			
company_code	numeric	3	The company associated with the catalog request. Maps to the <i>CMP company</i> field in the Catalog Request file.
response_required	alpha	1	1 indicates the system sends an E-Commerce Catalog Request Response Message (CWCatreqResponse) back to the web storefront. Available in version: 7.0 or later of CWDirect for XML only.
offer_id	alpha	3	The code for the catalog that the customer is requesting. Maps to the <i>Offer number</i> field in the Catalog Request file.
source_code	alpha	9	A code that identifies a list of names for the catalog mailing. Maps to the <i>SRC Source code</i> field in the Catalog Request file.

Attribute Name	Type	Length	Comments
<p>The <i>bill_to</i> fields represent the sold to customer. If the sold to customer does not exist in CWDirect, the system creates a new customer. If the catalog request is for an existing sold to customer and the name or address changes, such as the <i>bill_to_email</i>, the system updates the customer.</p> <p>In addition, if the <i>Edit for Duplicate Catalog Requests (E46)</i> system control value is selected set to Y, the system checks for duplicate catalog requests, based on match code. If a duplicate catalog request exists, the system does not create the duplicate catalog request. However, the system will still send an E-Commerce Catalog Request Response Message (CWCatreqResponse) back to the web storefront.</p>			
bill_to_prefix	alpha	3	<p>The prefix of the sold to customer. Maps to the <i>NAM Prefix</i> field in the Customer Sold To file. Available in version: 7.0 or later of CWDirect for XML only.</p>
bill_to_fname	alpha	15	<p>The first name of the sold to customer. Maps to the <i>NAM First name</i> field in the Customer Sold To file.</p>
bill_to_initial	alpha	1	<p>The middle initial of the sold to customer. Maps to the <i>NAM Initial</i> field in the Customer Sold To file. Available in version: 6.0 or later of CWDirect.</p>
bill_to_lname	alpha	25	<p>The last name of the sold to customer. Maps to the <i>NAM Last name</i> field in the Customer Sold To file.</p>
bill_to_suffix	alpha	3	<p>The suffix of the sold to customer. Maps to the <i>NAM Suffix</i> field in the Customer Sold To file. Available in version: 7.0 or later of CWDirect for XML only.</p>
bill_to_company	alpha	30	<p>The company name for the sold to customer address. Maps to the <i>NAM Company name</i> field in the Customer Sold To file.</p>
bill_to_busres	alpha	1	<p>A code that identifies the address as a business or residence. B = Business R = Residence Maps to the <i>NAM Delivery code</i> field in the Customer Sold To file.</p>

Attribute Name	Type	Length	Comments
bill_to_address1	alpha	32	The street address of the sold to customer address. Maps to the <i>NAM Street address</i> field in the Customer Sold To file.
bill_to_address2	alpha	32	The second address line of the sold to customer address. Maps to the <i>NAM Address line 2</i> field in the Customer Sold To file.
bill_to_address3	alpha	32	The third address line of the sold to customer address. Maps to the <i>Address line 3</i> field in the Customer Sold To Extended file.
bill_to_address4	alpha	32	The fourth address line of the sold to customer address. Maps to the <i>Address line 4</i> field in the Customer Sold To Extended file.
bill_to_apartment	alpha	10	The apartment/suite number of the sold to customer address. Maps to the <i>NAM Apartment</i> field in the Customer Sold To file. Available in version: 6.0 or later of CWDirect.
bill_to_city	alpha	25	The city of the sold to customer address. Maps to the <i>NAM City</i> field in the Customer Sold To file.
bill_to_state	alpha	2	The state code of the sold to customer address. Maps to the <i>NAM State</i> field in the Customer Sold To file.
bill_to_country	alpha	3	The country code of the sold to customer address. Maps to the <i>RPR Country</i> field in the Customer Sold To file.
bill_to_zip	alpha	10	The postal code of the sold to customer address. Maps to the <i>NAM Zip</i> field in the Customer Sold To file.
bill_to_email	alpha	50	The email address assigned to the sold to customer. Maps to the <i>E-mail</i> field in the Customer Sold To file.

Attribute Name	Type	Length	Comments
allow_rent	alpha	1	Indicates whether you sell the customer's name to other companies. Y = Sell the customer's name to other companies. N = Do not sell the customer's name to other companies. Maps to the <i>CST Rent name?</i> field in the Customer Sold To file.
allow_email	alpha	1	This field is not currently implemented. Maps to the <i>CST Rent e-mail</i> field in the Customer Sold To file.
allow_mail	alpha	1	Indicates whether the customer wants to receive future catalog mailings. Y = Mail catalogs to this customer. N = Do not mail catalogs to this customer. Maps to the <i>CST Mail name?</i> field in the Customer Sold To file.
bill_to_day_phone	alpha	14	The day phone number for the sold to customer. Maps to the <i>Phone</i> field in the Customer Sold To Phone # file whose <i>CS# Phone # type</i> field is D . Available in version: 6.0 or later of CWDirect.
bill_to_evening_phone	alpha	14	The evening phone number for the sold to customer. Maps to the <i>Phone</i> field in the Customer Sold To Phone # file whose <i>CS# Phone # type</i> field is E . Available in version: 6.0 or later of CWDirect.
bill_to_fax_phone	alpha	14	The third (fax or mobile) number for the sold to customer. Maps to the <i>Phone</i> field in the Customer Sold To Phone # file whose <i>CS# Phone # type</i> field is F . Available in version: 7.0 or later of CWDirect for XML only.

Attribute Name	Type	Length	Comments
bill_to_opt_in	alpha	2	<p>Determines the preferred method of correspondence for the sold to customer's email address.</p> <p>O1 (Email): Email is the preferred method of correspondence.</p> <p>O2 (Order-only email): Use email for order-related correspondence only; generate a spool file for other correspondence.</p> <p>O3 (No email): Do not use email for any correspondence; generate a spool file instead.</p> <p>O4 (Do not ask the customer): Do not ask the customer for his/her email address.</p> <p>Maps to the <i>CST E-mail status</i> field in the Customer Sold To file.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
<p>The <i>indiv</i> fields represent the individual customer. The <i>Enable Catalog Request at Individual Level (H81)</i> system control value controls whether you can specify an individual on a catalog request. This system control value must be selected set to Y to enter a catalog request at the individual level; if this system control value is unselected set to N, the system places catalog requests containing individual information in an error status in the Work with Catalog Request Interface (WCRU) menu option.</p> <p>If a new individual is defined for the sold to customer on the catalog request message, the system creates the new individual for the customer in the Customer Individual file, using the next sequential number. The individual's <i>Original mail type</i> and <i>Current mail type</i> will be C, the <i>Mail</i> and <i>Rent</i> flags will default from the sold to customer's, and the <i>Mail code</i> will default from the <i>Mail</i> flag.</p> <p>If an existing individual is defined for the sold to customer on the catalog request message, the system updates the individual's address, mail flag, and opt-in/opt-out flag if you have changed them.</p>			
indiv_prefix	alpha	3	<p>The prefix of the individual customer.</p> <p>Maps to the <i>CIF Name prefix</i> field in the Customer Individual file.</p> <p>Available in version: 7.0 or later of CWDirect for XML only.</p>
indiv_fname	alpha	15	<p>The first name of the individual customer.</p> <p>Maps to the <i>CIF First name</i> field in the Customer Individual file.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
indiv_lname	alpha	25	<p>The last name of the individual customer.</p> <p>Maps to the <i>CIF Last name</i> field in the Customer Individual file.</p> <p>Available in version: 6.0 or later of CWDirect.</p>

Attribute Name	Type	Length	Comments
indiv_initial	alpha	1	The middle initial of the individual customer. Maps to the <i>CIF Middle initial</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
indiv_suffix	alpha	3	The suffix of the individual customer. Maps to the <i>CIF Name suffix</i> field in the Customer Individual file. Available in version: 7.0 or later of CWDirect for XML only.
indiv_day_phone	alpha	14	The day phone number for the individual customer. Maps to the <i>Day phone</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
indiv_eve_phone	alpha	14	The evening phone number of the individual customer. Maps to the <i>Eve phone</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
indiv_fax_phone	alpha	14	The third (fax or mobile) number of the individual customer. Maps to the <i>Fax phone</i> field in the Customer Individual file. Available in version: 7.0 or later of CWDirect for XML only.
indiv_email	alpha	50	The email address assigned to the individual customer. Maps to the <i>CIF E-Mail address</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
indiv_mailstop	alpha	32	The individual's delivery address within the organization. Maps to the <i>CIF Mail stop</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
indiv_position	alpha	3	A code that represents the individual's position within the organization. Maps to the <i>CIF Position</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
indiv_department	alpha	3	A code that represents the individual's department within the organization. Maps to the <i>CIF Department</i> field in the Customer Individual file. Available in version: 6.0 or later of CWDirect.
indiv_opt_in	alpha	2	Determines the preferred method of correspondence for the individual customer's email address. 01 (Email): Email is the preferred method of correspondence. 02 (Order-only email): Use email for order-related correspondence only; generate a spool file for other correspondence. 03 (No email): Do not use email for any correspondence; generate a spool file instead. 04 (Do not ask the customer): Do not ask the customer for his/her email address. Maps to the <i>CIF Opt in/opt out</i> field in the Customer Individual file. Available in version: 7.0 or later of CWDirect for XML only.
<p>CustOwnership The CustOwnerships element, if provided, can include one or more CustOwnership elements. To create a customer ownership record for the sold to customer, at minimum, you must enter the ownership ID in the <i>cust_own_ID</i> field. Available in version: The CustOwnership element and all of its attributes is available in version 8.0 or later of CWDirect for XML only.</p>			
cust_own_ID	alpha	10	A code that represents a product the sold to customer owns or previously owned. If a value is not defined in this field, the system creates a customer note indicating the customer ownership record was not created/updated: Missing Ownership ID: Ownership Description. The system does not place the e-commerce catalog request in an error status because of customer ownership errors. Maps to the <i>Ownership ID</i> field in the Customer Ownership file.
cust_own_desc	alpha	40	A description of the product. Maps to the <i>Description</i> field in the Customer Ownership file.

Attribute Name	Type	Length	Comments
cust_own_active	alpha	1	Indicates if the customer currently owns the product. Y = The customer currently owns the product. N = The customer previously owned the product. Maps to the <i>Act</i> field in the Customer Ownership file.
cust_own_entry_date	numeric	8	The date the customer ownership record was created, in MMDDYYYY format. Maps to the <i>Entry date</i> field in the Customer Ownership file.
cust_own_confirm_date	numeric	8	The most recent date when the customer confirmed ownership of the product, in MMDDYYYY format. Maps to the <i>Confirm date</i> field in the Customer Ownership file.

E-Commerce Catalog Request Message: Sample XML

A sample of the [E-Commerce Catalog Request Message \(CWCatRequest\)](#) in XML format is presented below.

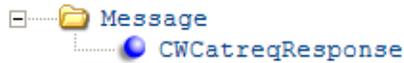
```
- <Message source="WEB" target="RDC" type="CWCatRequest">
  - <CatRequest company_code="555" response_required="1" offer_id="204"
    source_code="2004" bill_to_fname="BERNADETTE" bill_to_initial="T"
    bill_to_lname="MIRANDA" bill_to_busres="R" bill_to_address1="109 TURNER LN"
    bill_to_city="TEMPLETON" bill_to_state="MA" bill_to_country="USA" bill_to_zip="01468"
    bill_to_email="BMIRANDA@HOME.COM" allow_rent="Y" allow_email="Y" allow_mail="Y"
    bill_to_day_phone="9786233344" bill_to_evening_phone="6663334444"
    bill_to_fax_phone="4443335555" bill_to_opt_in="02">
    - <CustOwnerships>
      <CustOwnership />
    </CustOwnerships>
  </CatRequest>
</Message>
```

E-Commerce Catalog Request Message: Sample NVP

A sample of the [E-Commerce Catalog Request Message \(CWCatRequest\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

```
company_code=555;offer_id=204;source_code=2004;bill_to_fname=LUCA;bill_to_lname=ROBIN;bill_to_busres=R;bill_to_address1=2 LANE AVENUE;bill_to_city=NATICK;bill_to_state=MA;bill_to_country=USA;bill_to_zip=01760;bill_to_email=LUCAR@AOL.COM;allow_rent=1;allow_email=1;allow_mail=1;bill_to_day_phone=5081115555;bill_to_eve_phone=5082225555;bill_to_opt_in=1;
```

E-Commerce Catalog Request Response Message (CWCatreqResponse)



The Catalog Requests e-commerce job sends a catalog request response to the web storefront if the *response_required* field in the e-commerce catalog request message is set to **Y**.

If the *Edit for Duplicate Catalog Requests (E46)* system control value is **selected** set to **Y**, the system checks for duplicate catalog requests, based on match code. If a duplicate catalog request exists, the system does not create the duplicate catalog request. However, the system will still send a catalog request response back to the web storefront.

Available in version: The CWCatreqResponse XML message is available in version 7.0 or later of CWDirect for XML only.

For more information: See:

- [E-Commerce Catalog Request Response Message: Sample XML](#).

Attribute Name	Type	Length	Comments
Message One Message element is required.			
source	alpha		Identifies the source of the XML message. RDC indicates the XML message is from CWDirect.
target	alpha		Identifies the target of the XML message. WEB indicates the XML message is sent to the web storefront.
type	alpha		Identifies the type of information in the XML message. CWCatreqResponse indicates the message contains a catalog request response.
CWCatreqResponse One CWCatreqResponse element is required.			
company_code	numeric	3	A code for the company associated with the catalog request. From the <i>CMP Company</i> field in the Catalog Request file.

Attribute Name	Type	Length	Comments
customer_number	numeric	9	The sold to customer number associated with the catalog request. This may represent a new sold to customer or an existing sold to customer. If this number is 000000000 , the catalog request did not process correctly and needs to be corrected through Work with Catalog Request Interface (WCRU). From the <i>CST Customer #</i> field in the Catalog Request file.
individual_number	numeric	3	The individual customer number associated with the catalog request. This may represent a new individual customer or an existing individual customer. If this number is 000 , an individual is not associated with the catalog request. If this number is 000 and the <i>customer_number</i> is 000000000 , the catalog request did not process correctly and needs to be corrected through Work with Catalog Request Interface (WCRU). From the <i>CIF Customer individual #</i> field in the Catalog Request Cust Indv file.

E-Commerce Catalog Request Response Message: Sample XML

A sample of the [E-Commerce Catalog Request Response Message \(CWCatreqResponse\)](#) in XML format is presented below.

```
- <Message source="RDC" target="IDC" type="CWCatreqResponse">
  <CWCatreqResponse company_code="555" customer_number="000000460"
    individual_number="000" />
</Message>
```

E-Commerce Order List Message (CWOrderList)



The EC_CST_ORD job, started through E-Commerce Job Control (**EJCT**), receives e-commerce order list messages from the web storefront. The order list message indicates a request for a list of orders of any status, including suspended orders. The system sends an [E-Commerce Order List Response Message \(CWListResponse\)](#) message back to the web storefront; this message includes the order number and order date for up to 10 orders that match the request criteria, in reverse chronological order.

For more information: See:

- [E-Commerce Order List Message: Sample XML](#)
- [E-Commerce Order List Message: Sample NVP](#)

Name/Value Pair layout: The e-commerce order list (EC_CST_INQ) name/value pair message uses the following layout: name=value.

Example:

```
companycode=555  
customer_number=204  
ind_number=1
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Note: If a field is included in the name/value pair message, the field must be included in the order shown below. However, if the field is empty, the field does not need to be sent.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the message. <i>WEB</i> indicates the message is from the web storefront. Required.
target	alpha		Identifies the target of the message. <i>RDC</i> indicates the message is sent to CWDirect. Required.
type	alpha		Identifies the type of information in the message. <i>CWOrderList</i> indicates the message contains an order list request. Required.
resp_qmgr	alpha	44	The MQ Series queue manager identified for the process queue in E-Commerce Job Control (EJCT).
resp_q	alpha	44	The MQ Series queue identified for the process queue in E-Commerce Job Control (EJCT).
OrderList One OrderList element is required.			
company_code	numeric	3	A code for the company where the orders are located. Maps to the <i>CMP Company</i> field in the Order Header file. Required.
customer_number	numeric	9	The sold to customer on the order. Maps to the <i>Cust #</i> field in the Order Header file. Required.
ind_number	numeric	3	The individual number of the placer of the order. Maps to the <i>OHE Placer</i> field in the Order Header Extended file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
start_date	numeric	8	The most recent date to include in the order list, in MMDDYYYY format. Note: If you do not specify a start date, the system defaults 00/00/1900 as the start date. However, the system will retrieve the 10 most recent orders for the customer. Maps to the <i>OHD Order date</i> field in the Order Header file.

E-Commerce Order List Message: Sample XML

A sample of the [E-Commerce Order List Message \(CWOrderList\)](#) in XML format is presented below.

```
- <Message source="WEB" target="RDC" type="CWOrderList">
  <OrderList company_code="555" customer_number="6" start_date="05012004" />
</Message>
```

E-Commerce Order List Message: Sample NVP

A sample of the [E-Commerce Order List Message \(CWOrderList\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

```
company_code=555;customer_number=6;start_date=04012004;
```

E-Commerce Order List Response Message (CWListResponse)



The EC_CST_ORD job, started through E-Commerce Job Control (**EJCT**), generates an e-commerce order list response message when an [E-Commerce Order List Message \(CWOrderList\)](#) is received from the web storefront. The order list response message includes the order number and order date for up to 10 orders that match the request criteria, in reverse chronological order.

For more information: See:

- [E-Commerce Order List Response Message: Sample XML](#)
- [E-Commerce Order List Response Message: Sample NVP](#)

Name/Value Pair layout: The e-commerce order list response (EC_CST_INQ) name/value pair message uses the following layout: name=value.

Example:

```

companycode=555
customer_number=204
ind_number=1
  
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the message. RDC indicates the message is from CWDirect. Required.
target	alpha		Identifies the target of the message. WEB indicates the message is sent to the web storefront. Required.
type	alpha		Identifies the type of information in the message. CWListResponse indicates the message contains an order list response. Required.

Attribute Name	Type	Length	Comments
Header One Header element is required.			
company_code	numeric	3	A code for the company where the orders are located. From the <i>CMP Company</i> field in the Order Header file. Required.
customer_number	numeric	9	The sold to customer on the order. From the <i>Cust #</i> field in the Order Header file. Required.
ind_number	numeric	3	The individual number of the placer of the order. From the <i>OHE Placer</i> field in the Order Header Extended file.
start_date	numeric	8	The most recent date to include in the order list. Note: If you do not specify a start date, the system defaults 00/00/1900 as the start date. However, the system will retrieve the 10 most recent orders for the customer. From the <i>OHD Order date</i> field in the Order Header file.
Order The Orders element can include up to 10 Order elements.			
order_number	numeric	9	The CWDirect order number. From the <i>Order #</i> field in the Order Header file. Required.
order_date	numeric	8	The date the order was placed. From the <i>OHD Order date</i> field in the Order Header file. Required.

E-Commerce Order List Response Message: Sample XML

A sample of the [E-Commerce Order List Response Message \(CWListResponse\)](#) in XML format is presented below.

```
- <Message source="RDC" target="WEB" type="CWListResponse">
  <Header company_code="555" customer_number="6" ind_number="" start_date="05012004" />
  - <Orders>
    <Order order_number="7415" order_date="05012004" />
    <Order order_number="7413" order_date="05012004" />
    <Order order_number="7412" order_date="05012004" />
    <Order order_number="7560" order_date="04012004" />
    <Order order_number="7359" order_date="04012004" />
    <Order order_number="7358" order_date="04012004" />
  -
```

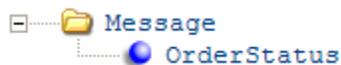
```
<Order order_number="7357" order_date="03312004" />
<Order order_number="7351" order_date="03292004" />
<Order order_number="7350" order_date="03292004" />
<Order order_number="7347" order_date="03292004" />
</Orders>
</Message>
```

E-Commerce Order List Response Message: Sample NVP

A sample of the [E-Commerce Order List Response Message \(CWListResponse\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

```
company_code=555;customer_number=6;ind_number=;start_date=04012004;order_number=7560;order_date=04012004;order_number=7359;order_date=04012004;order_number=7358;order_date=04012004;order_number=7357;order_date=03312004;order_number=7351;order_date=03292004;order_number=7350;order_date=03292004;order_number=7347;order_date=03292004;order_number=7345;order_date=03292004;order_number=7344;order_date=03292004;order_number=7338;order_date=03242004;
```

E-Commerce Order Status Message (CWOrderStatus)



The EC_STS_INQ job, started through E-Commerce Job Control (**EJCT**), receives E-Commerce Order Status messages from the web storefront. The Order Status message defines the order number whose summary information you wish to review. The system sends an [E-Commerce Order Status Response Message \(CWStatusResponse\)](#) back to the web storefront containing the order summary information.

Note: You can also inquire about a customer's order history or detailed information about a single order, using the generic customer history API.

For more information: See:

- [E-Commerce Order Status Message: Sample XML](#)
- [E-Commerce Order Status Message: Sample NVP](#)

Name/Value Pair layout: The e-commerce Order Status (EC_STS_INQ) name/value pair message uses a layout such as `name=value` and does not include the elements (`Message` or `OrderStatus`).

Example:

```
companycode=555  
order_id=7557  
bill_to_lname=MIRANDA
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Note: If a field is included in the name/value pair message, the field must be included in the order shown below. However, if the field is empty, the field does not need to be sent.

Attribute Name	Type	Length	Comments
Message One Message is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the message. <i>WEB</i> indicates the message is from the web storefront. Required.
target	alpha		Identifies the target of the message. <i>RDC</i> indicates the message is sent to CWDirect. Required.
type	alpha		Identifies the type of information in the message. Required.
resp_qmgr	alpha	44	The MQ Series queue manager identified for the process queue in E-Commerce Job Control (EJCT).
resp_q	alpha	44	The MQ Series queue identified for the process queue in E-Commerce Job Control (EJCT).
OrderStatus One OrderStatus is required, and either the bill-to name, individual name, or company name should be provided. See Order Status Response Includes Response Type? for a discussion of how these fields can determine the information included in the response message.			
company_code	numeric	3	A code for the company where the order is located. Maps to the <i>CMP Company</i> field in the Order Header file. Required.
order_id	numeric	8	The CWDirect order number. Maps to the <i>Order #</i> field in the Order Header file. Required.
bill_to_lname	alpha	25	The last name of the sold to customer on the order. Maps to the <i>NAM Last name</i> field in the Customer Sold To file, based on the <i>Cust #</i> field in the Order Header file.
ind_lname	alpha	25	The last name of the placer of the order. Maps to the <i>CIF Last name</i> field in the Customer Individual file, based on the <i>OHE Placer</i> field in the Order Header Extended file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
company_name	alpha	30	The company name of the sold to customer on the order. Maps to the <i>NAM Company name</i> field in the Customer Sold To file, based on the <i>Cust #</i> field in the Order Header file. Available in version: 6.0 or later of CWDirect.
ship_to_details	alpha	1	Indicates whether to include ship-to information in the E-Commerce Order Status Response Message (CWStatusResponse) , and to list items under each ship-to. Note: Applies only to name-value pair (NVP). If you use XML format, the response message always lists each ship-to and its items separately. 1 = The Order Status Response message lists each ship-to and its items separately. 0 or blank = The Order Status Response message does not include the ship to information; all items on the order are listed together regardless of the ship to address. Available in version: 4.01 or later of CWDirect.

E-Commerce Order Status Message: Sample XML

A sample of the [E-Commerce Order Status Message \(CWOrderStatus\)](#) in XML format is presented below.

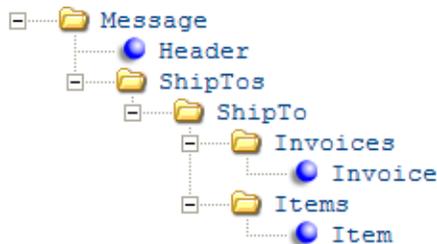
```
- <Message source="WEB" target="RDC" type="CWOrderStatus">
  <OrderStatus company_code="555" order_id="7564" bill_to_lname="MIRANDA"/>
</Message>
```

E-Commerce Order Status Message: Sample NVP

A sample of the [E-Commerce Order Status Message \(CWOrderStatus\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

```
company_code=555;order_id=7564;bill_to_lname=MIRANDA;ship_to_details=1;
```

E-Commerce Order Status Response Message (CWStatusResponse)



The EC_STS_INQ job, started through E-Commerce Job Control (**EJCT**), generates an Order Status Response message when an [E-Commerce Order Status Message \(CWOrderStatus\)](#) is received from the web storefront. The Order Status Response message contains order summary information.

For more information: See:

- [E-Commerce Order Status Response Message: Sample XML](#)
- [E-Commerce Order Status Response Message: Sample NVP](#)

Name/Value Pair layout: The e-commerce Order Status Response (EC_STS_INQ) name/value pair message uses a layout such as name=value and does not include the elements (such as Message or Header, etc.).

Example:

```

companycode=555
offer_id=204
order_id=7557
    
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Note: If a field is included in the name/value pair message, the field must be included in the order shown below. However, if the field is empty, the field does not need to be sent.

Attribute Name	Type	Length	Comments
Message One Message element is always included in the XML message. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the message. RDC indicates the message is from CWDirect. Required.

Attribute Name	Type	Length	Comments
target	alpha		Identifies the target of the message. <code>WEB</code> indicates the message is sent to the web storefront. Required.
type	alpha		Identifies the type of information in the message. <code>CWStatusResponse</code> indicates the message is an order status response message. Required.
Header One Header element is always included in the XML message.			
company_code	numeric	3	A code for the company where the order is located. From the <i>CMP Company</i> field in the Order Header file. Required.
offer_id	alpha	3	A code for the offer associated with the order. From the <i>Offer number</i> field in the Source file, based on the <i>OHD SRC Source code</i> field in the Order Header file.
order_id	numeric	8	The CWDirect order number. From the <i>Order #</i> field in the Order Header file. Required.
response_type	numeric	2	Included if the <i>Pass E-Commerce Order Status Response Type (H68)</i> system control value is selected set to Y . Indicates if an order was found that matches the order status inquiry. 01 = An order was found that matches the order status inquiry. The Order Status Response message includes order information. 02 = An order was found that matches the order status inquiry, but the last name defined for the inquiry does not match the last name on the order. The Order Status Response message includes order information; however the response type 02 indicates the last name defined on the order status inquiry does not match the last name on the order. 03 = An order was not found that matches the order status inquiry. The Order Status Response message includes <i>company_code</i> , <i>order_id</i> , and a <i>response_type</i> of 3, but does not include order information.

Attribute Name	Type	Length	Comments
			<p>If the <i>Pass E-Commerce Order Status Response Type (H68)</i> system control value is unselected set to Y, the system only sends an Order Status Response message to the web storefront if an order number is found that matches the <i>order_id</i> in the Order Status message and a match is found on at least one of the name fields in the request (<i>bill_to_lname</i>, <i>ind_lname</i>, or <i>company_name</i>).</p> <p>Required.</p> <p>Available in version: 6.0 or later of CWDirect.</p>
date_placed	numeric	8	<p>The date the order was placed.</p> <p>From the <i>OHD Order date</i> field in the Order Header file.</p>
<p>ShipTo</p> <p>The ShipTos element in the XML message can include one or more ShipTo elements. If the <i>Pass Ship To Address in E-Commerce Status Inquiry (J33)</i> system control value is selected, the system includes the complete ship to name and address information in the <i>ShipTo</i> element; otherwise, only the ship to customer's number, first name, and last name are included in the <i>ShipTo</i> element.</p>			
ship_to_number	numeric	3	<p>The order ship to number on the order. From the <i>Ship to #</i> field in the Order Ship To file.</p>
ship_to_fname	alpha	15	<p>The first name of the ship to customer on the order. From the:</p> <ul style="list-style-type: none"> • <i>NAM First name</i> field in the Order Ship To Address file. • <i>NAM First name</i> field in the Customer Ship To file, or • <i>NAM First name</i> field in the Customer Sold To file.
ship_to_lname	alpha	25	<p>The last name of the ship to customer on the order. From the:</p> <ul style="list-style-type: none"> • <i>NAM Last name</i> field in the Order Ship To Address file, or • <i>NAM Last name</i> field in the Customer Ship To file, or • <i>NAM Last name</i> field in the Customer Sold To file.

Attribute Name	Type	Length	Comments
ship_to_street_addr	alpha	32	<p>The street address of the ship to customer on the order. From the:</p> <ul style="list-style-type: none"> • <i>NAM Street address</i> field in the Order Ship To Address file, or • <i>NAM Street address</i> field in the Customer Ship To file, or • <i>NAM Street address</i> field in the Customer Sold To file. <p>This field is only included if the <i>Pass Ship To Address in E-Commerce Status Inquiry (J33)</i> system control value is selectedselected.</p> <p>Available in version: 10.0 or later of CWDirect.</p>
ship_to_addr_line_2	alpha	32	<p>The second address line of the ship to customer on the order. From the:</p> <ul style="list-style-type: none"> • <i>NAM Address line 2</i> field in the Order Ship To Address file, or • <i>NAM Address line 2</i> field in the Customer Ship To file, or • <i>NAM Address line 2</i> field in the Customer Sold To file. <p>This field is only included if the <i>Pass Ship To Address in E-Commerce Status Inquiry (J33)</i> system control value is selectedselected.</p> <p>Available in version: 10.0 or later of CWDirect for XML only.</p>
ship_to_addr_line_3	alpha	32	<p>The third address line of the ship to customer on the order. From the:</p> <ul style="list-style-type: none"> • <i>Address line 3</i> field in the Order Ship To Address file, or • <i>Address line 3</i> field in the Customer Ship To Extended file, or • <i>Address line 3</i> field in the Customer Sold To Extended file. <p>This field is only included if the <i>Pass Ship To Address in E-Commerce Status Inquiry (J33)</i> system control value is selectedselected.</p> <p>Available in version: 10.0 or later of CWDirect for XML only.</p>

Attribute Name	Type	Length	Comments
ship_to_addr_line_4	alpha	32	<p>The fourth address line of the ship to customer on the order. From the:</p> <ul style="list-style-type: none"> • <i>Address line 4</i> field in the Order Ship To Address file, or • <i>Address line 4</i> field in the Customer Ship To Extended file, or • <i>Address line 4</i> field in the Customer Sold To Extended file. <p>This field is only included if the <i>Pass Ship To Address in E-Commerce Status Inquiry (J33)</i> system control value is selectedselected.</p> <p>Available in version: 10.0 or later of CWDirect for XML only.</p>
ship_to_city	alpha	25	<p>The city of the ship to customer on the order. From the:</p> <ul style="list-style-type: none"> • <i>NAM City</i> field in the Order Ship To Address file, or • <i>NAM City</i> field in the Customer Ship To file, or • <i>NAM City</i> field in the Customer Sold To file. <p>This field is only included if the <i>Pass Ship To Address in E-Commerce Status Inquiry (J33)</i> system control value is selectedselected.</p> <p>Available in version: 10.0 or later of CWDirect for XML only.</p>
ship_to_state	alpha	2	<p>The state of the ship to customer on the order. From the:</p> <ul style="list-style-type: none"> • <i>NAM State</i> field in the Order Ship To Address file, or • <i>NAM State</i> field in the Customer Ship To file, or • <i>NAM State</i> field in the Customer Sold To file. <p>This field is only included if the <i>Pass Ship To Address in E-Commerce Status Inquiry (J33)</i> system control value is selectedselected.</p> <p>Available in version: 10.0 or later of CWDirect for XML only.</p>

Attribute Name	Type	Length	Comments
ship_to_zip	alpha	10	The postal code of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>NAM Zip</i> field in the Order Ship To Address file, or • <i>NAM Zip</i> field in the Customer Ship To file, or • <i>NAM Zip</i> field in the Customer Sold To file. This field is only included if the <i>Pass Ship To Address in E-Commerce Status Inquiry (J33)</i> system control value is selectedselected. Available in version: 10.0 or later of CWDirect for XML only.
ship_to_country	alpha	3	The country code of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>RPR Country</i> field in the Order Ship To Address file, or • <i>RPR Country</i> field in the Customer Ship To file, or • <i>RPR Country</i> field in the Customer Sold To file. This field is only included if the <i>Pass Ship To Address in E-Commerce Status Inquiry (J33)</i> system control value is selectedselected. Available in version: 10.0 or later of CWDirect for XML only.
allow_maint	alpha	1	Indicates if the order is eligible for maintenance. Y = The order is eligible for maintenance. N = The order is not eligible for maintenance. This field is included only if the order type on the order matches the <i>E-Commerce Order Type (G42)</i> OR the <i>Internet order (Future use sts 1)</i> field in the Order Header file is set to I.
Invoice The Invoices element in the XML message can include one or more Invoice elements. A separate Invoice element is included for each invoice on the order; however, the invoice number is not included.			
date_shipped	numeric	8	The date the order was shipped. From the <i>IDT Date shipped</i> field in the Invoice Detail file.
tracking_id	alpha	30	The shipment tracking number assigned to the order shipment. From the <i>MUA Tracking #</i> field in the Manifest Upload Audit file; not included if there is no record in this file.

Attribute Name	Type	Length	Comments
ship_via	numeric	2	The shipper assigned to the order shipment. From the <i>VIA Ship via code</i> field in the Manifest Upload Audit file; not included if there is no record in this file.
<p>Item The Items element can include one or more Item elements. Note: If you pre-bill items, the <i>Pre Billed Amount Item (J72)</i> is included in the response message. The status is <i>In stock and reserved</i> if the pre-billing has not yet occurred; otherwise, the response includes the shipment (pre-billing) date. The quantity is always 1 for each pre-billable item on the order, regardless of the quantity of the pre-billable item.</p>			
sku	numeric	7	The short SKU code of the item on the order line. From the <i>Short SKU</i> field in the SKU file.
item_id	alpha	12	The item number on the order line. From the <i>ITM Number</i> field in the Order Detail file.
line_nbr	numeric	3	The order line sequence number. From the <i>Seq #</i> field in the Order Detail file. Note: This is the sequence number, not the order line number.
description	alpha	40	A description of the item on the order line. From the <i>Description</i> field in the Item file.
sku_description1	alpha	10	A description of the first SKU element. From the <i>Element 1 desc</i> field in the SKU Element 1 file.
sku_description2	alpha	10	A description of the second SKU element. From the <i>Element 2 desc</i> field in the SKU Element 2 file. Included only if item/SKU has this SKU element.
sku_description3	alpha	10	A description of the third SKU element. From the <i>Element 3 desc</i> field in the SKU Element 3 file. Included only if item/SKU has this SKU element.
quantity	numeric	5	The quantity of the item ordered on the order line. From the <i>ODT Qty ordered</i> field in the Order Detail file.
list_price	numeric	7.2	The selling price of the item on the order line. From the <i>ODT Price</i> field in the Order Detail file.

Attribute Name	Type	Length	Comments
status	alpha	40	Indicates the status of the item on the order line, based on the <i>ODT Line status</i> field in the Order Detail file. Valid values: Item sent to store for pickup (SP) Your membership is being processed (Y) Item is no longer available (S) Item will be shipped directly from the vendor (D) In stock and reserved (IN) (This status also applies to non-inventory items.) Item is backordered (BO) X reserved (1 , partial backorder) No status is indicated for set master items.
rtn_qty	numeric	5	The quantity of the item on the order line that has been shipped, and so is eligible to be returned. Not included for set components, just the set master item.
cancel_qty	numeric	5	The quantity of the item on the order line that is open, and so is eligible to be canceled. Included only for e-commerce orders (the <i>Internet order</i> flag on the Order Header is set to I).

E-Commerce Order Status Response Message: Sample XML

A sample of the [E-Commerce Order Status Response Message \(CWStatusResponse\)](#) in XML format is presented below.

```
- <Message source="RDC" target="WEB" type="CWStatusResponse">
  <Header company_code="555" offer_id="204" order_id="7564" response_type="01"
    date_placed="07192004" />
  - <ShipTos>
    - <ShipTo ship_to_number="001" ship_to_fname="BERNADETTE" ship_to_lname="MIRANDA">
      - <Invoices>
        <Invoice date_shipped="07192004" ship_via="1" />
      </Invoices>
      - <Items>
        <Item sku="1748" item_id="2004ITEM2" line_nbr="2" description="2004ITEM2
          ITEM DESCRIPTION" quantity="1" list_price="0001000" status="1 unit shipped
          on 07/19/2004" />
        <Item sku="1745" item_id="2004ITEM1" line_nbr="11" description="2004ITEM1
          DESCRIPTION" quantity="1" list_price="0000500" status="" />
        <Item sku="1750" item_id="2004ITEM3" line_nbr="13" description="2004ITEM3
          ITEM DESCRIPTION" quantity="1" list_price="0001000" status="" />
      </Items>
    </ShipTo>
  </ShipTos>
</Message>
```

E-Commerce Order Status Response Message: Sample NVP

A sample of the [E-Commerce Order Status Response Message \(CWStatusResponse\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

```
company_code=555;offer_id=204;order_id=7564;response_type=01;date_placed=07192004;ship_to_
number=001;ship_to_fname=BERNADETTE;ship_to_lname=MIRANDA;date_shipped=07192004;ship_via=1
;sku=1748;item_id=2004ITEM2;line_nbr=2;description=2004ITEM2 ITEM
DESCRIPTION;quantity=1;list_price=0001000;status=1 unit shipped on
07/19/2004;sku=1745;item_id=2004ITEM1;line_nbr=11;description=2004ITEM1
DESCRIPTION;quantity=1;list_price=0000500;status=;sku=1750;item_id=2004ITEM3;line_nbr=13;d
escription=2004ITEM3 ITEM DESCRIPTION;quantity=1;list_price=0001000;status=;
```

E-Commerce Return Request Message (CWReturn)



The EC_RETURNS job, started through E-Commerce Job Control (**EJCT**), receives E-Commerce Return Request messages from the web storefront. The Return Request message defines the order line(s) you wish to return. The [E-Commerce Return Response Message \(CWReturnResponse\)](#) sends the return authorization information back to the web storefront.

For more information: See:

- [E-Commerce Return Request Message: Sample XML](#)
- [E-Commerce Return Request Message: Sample NVP](#)

Name/Value Pair layout: The e-commerce Return Request (EC_RETURNS) name/value pair message uses the following layout: name=value.

Example:

```
companycode=555  
order_id=7557  
ship_to=1
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Note: If a field is included in the name/value pair message, the field must be included in the order shown below. However, if the field is empty, the field does not need to be sent.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the message. <i>WEB</i> indicates the message is from the web storefront. Required.
target	alpha		Identifies the target of the message. <i>RDC</i> indicates the message is sent to CWDirect. Required.
type	alpha		Identifies the type of information in the message. <i>CWReturn</i> indicates the message contains a return request. Required.
resp_qmgr	alpha	44	The MQ Series queue manager in E-Commerce Job Control (EJCT).
resp_q	alpha	44	The MQ Series queue identified for the process queue in E-Commerce Job Control (EJCT).
Return One Return element is required.			
company_code	numeric	3	A code for the company where the order to return is located. Maps to the <i>CMP company</i> field in the Order Detail file. Required.
order_id	numeric	8	The order number containing the item(s) to return. Maps to the <i>Order #</i> field in the Order Detail file. Required.
ship_to	numeric	3	The order ship to number containing the item(s) to return. Maps to the <i>Ship to #</i> field in the Order Detail file. Required.
Line The Lines element can include one ore more Line elements.			

Attribute Name	Type	Length	Comments
line_number	numeric	5	The order line sequence number containing the item to return. Maps to the <i>Seq #</i> field in the Order Detail file. Required.
qty	numeric	5	The quantity of the item to return. Maps to the <i>RAD Qty to return</i> field in the RA Detail file. Required.
reason	numeric	3	The reason for returning the item. Maps to the <i>RTR Return reason code</i> field in the RA Detail file. Required.

E-Commerce Return Request Message: Sample XML

A sample of the [E-Commerce Return Request Message \(CWReturn\)](#) in XML format is presented below.

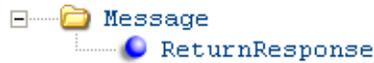
```
- <Message source="web" target="rdc" type="CWReturn">
  - <Return company_code="555" order_id="7616" ship_to="1">
    - <Lines>
      <Line line_number="1" qty="1" reason="2" />
      <Line line_number="2" qty="1" reason="1" />
    </Lines>
  </Return>
</Message>
```

E-Commerce Return Request Message: Sample NVP

A sample of the [E-Commerce Return Request Message \(CWReturn\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

```
company_code=555;order_id=7617;ship_to=1;line_number=1;qty=1;reason=1;line_number=2;qty=1;reason=2;
```

E-Commerce Return Response Message (CWReturnResponse)



The EC_RETURNS job, started through E-Commerce Job Control (**EJCT**), generates an E-Commerce Return Response message when it receives an [E-Commerce Return Request Message \(CWReturn\)](#) from the web storefront. The Return Response message contains information about the return that was processed and information to print on a confirmation label.

For more information: See:

- [E-Commerce Return Response Message: Sample XML](#)
- [E-Commerce Return Response Message: Sample NVP](#)

Name/Value Pair layout: The e-commerce Return Response (EC_RETURNS) name/value pair message uses the following layout: name=value.

Example:

```

companycode=555
order_id=7557
ship_to=1
  
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Note: If a field is included in the name/value pair message, the field must be included in the order shown below. However, if the field is empty, the field does not need to be sent.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the message. RDC indicates the message is from CWDirect. Required.
target	alpha		Identifies the target of the message. WEB indicates the message is sent to the web storefront. Required.

Attribute Name	Type	Length	Comments
type	alpha		Identifies the type of information in the message. <code>CWReturnResponse</code> indicates the message contains a return response. Required.
ReturnResponse One ReturnResponse element is required.			
company_code	numeric	3	A code for the company where the return was processed. From the <i>Company</i> field in the RA Header file. Required.
order_id	numeric	8	The order number containing the item(s) returned. From the <i>Order #</i> field in the RA Header file. Required.
ship_to	numeric	3	The order ship to number containing the item(s) returned. From the <i>Ship to #</i> field in the RA Header file. Required.
ra_number	alpha	16	The order number + ship to number + return authorization number associated with the return. none displays if the return was rejected. From the <i>Order #</i> , <i>Ship to #</i> , and <i>RAH RA#</i> field in the RA Header file. Required.
total_weight	numeric	7.3	The total weight of the returned items. From the <i>Ship weight</i> field in the SKU file or Item file.
date_entered	numeric	8	The date the return was processed in MMDDYYYY format. From the <i>RAH Date entered</i> field in the RA Header file.
name	alpha	30	The name of the warehouse where the item will be returned. From the <i>Name</i> field in the Warehouse file.
address	alpha	32	The street address for the warehouse address. From the <i>Address</i> field in the Warehouse file.

Attribute Name	Type	Length	Comments
address2	alpha	32	The second address line of the warehouse address. From the <i>Address line 2</i> field in the Warehouse file.
city	alpha	25	The city for the warehouse address. From the <i>City</i> field in the Warehouse file.
state	alpha	2	The state code for the warehouse address. From the <i>State</i> field in the Warehouse file.
zip	alpha	10	The postal code for the warehouse address. From the <i>Zip code</i> field in the Warehouse file.
country	alpha	3	The country code for the warehouse address. From the <i>RPR country</i> field in the Warehouse file.
phone_number	alpha	14	The warehouse's phone number. From the <i>Phone</i> field in the Warehouse file.

E-Commerce Return Response Message: Sample XML

A sample of the [E-Commerce Return Response Message \(CWReturnResponse\)](#) in XML format is presented below.

```
- <Message source="RDC" target="WEB" type="CWReturnResponse">
  <ReturnResponse company_code="555" order_id="7616" ship_to="001" ra_number="7616-1-1"
    total_weight="12000" date_entered="07262004" name="KAB Co." address="24 PRIME PARK
    WAY" address2="COCHITUATE PLACE" city="NATICK" state="MA" zip="01760" country="USA"
    phone_number="508 652-9489" />
</Message>
```

E-Commerce Return Response Message: Sample NVP

A sample of the [E-Commerce Return Response Message \(CWReturnResponse\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

```
company_code=555;order_id=7617;ship_to=001;ra_number=7617-1-1;total_weight=24000;date_entered=07262004;name=KAB Co.;address=24 PRIME PARK WAY;address2=COCHITUATE PLACE;city=NATICK;state=MA;zip=01760;country=USA;phone_number=508 652-9489;
```

E-Commerce Item Availability Request Message (CWItemAvail)



The EVAVAIL job, started through E-Commerce Job Control (**EJCT**), receives E-Commerce Item Availability messages from the web storefront. The Item Availability message requests for item availability information on specified items. The EVAVAIL job responds to the request by sending the [E-Commerce Item Availability Response Message \(CWAvailResponse\)](#) back to the web storefront.

Note:

- You can also download item availability information using the generic inventory download API.
- You can pass availability information for a maximum of 250 items in a single request and response.
- The e-commerce Item Availability Request message is not available in name/value pair format.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the message. WEB indicates the message is from the web storefront. Required.

Attribute Name	Type	Length	Comments
target	alpha		Identifies the target to the message. RDC indicates the message is sent to CWDirect. Required.
type	alpha		Identifies the type of information in the message. CWItemAvail indicates the message contains an item availability request. Required.
Item The Items element can include one or more Item elements			
company_code	numeric	3	A code for the company where the item is located. Maps to the <i>ECO Company code</i> field in the EC Item Availability file. Required.
item_id	alpha	12	The item number whose availability you are requesting. Maps to the <i>ECI Item number</i> field in the EC Item Availability file. Required.
sku	numeric	7	The short SKU number defined for the item whose availability you are requesting. Maps to the <i>ECK Short SKU</i> field in the EC Item Availability file. Required.

E-Commerce Item Availability Request Message: Sample XML

A sample of the [E-Commerce Item Availability Request Message \(CWItemAvail\)](#) in XML format is presented below.

```
- <Message source="WEB" target="RDC" type="CWItemAvail">
  - <Items>
    <Item company_code="555" item_id="2004ITEM1" sku="1745" />
    <Item />
  </Items>
</Message>
```

E-Commerce Item Availability Response Message (CWAvailResponse)



The EVAVAIL job, started through E-Commerce Job Control (**EJCT**), generates the E-Commerce Item Availability Response message when:

- you submit the **ECAVAIL** periodic function (program name ECR0144). This periodic function downloads the current available quantity for every item and SKU for which you have downloaded information to your web storefront.
- an item's availability falls below a specified item availability web threshold (as specified for the item, the item class, or the *Quantity Available Threshold for Inventory Downloads (G36)* system control value), triggering an interactive download.
- an [E-Commerce Item Availability Request Message \(CWItemAvail\)](#) is received from the web storefront.

The Item Availability Response message indicates the quantity available, expected date, and how this date was determined (that is, whether this date is from an open purchase order, or defaulted based on a standard calculation for items without open purchase orders).

Note:

- You can pass availability information for a maximum of 999 items in a single request and response.
- The e-commerce Item Availability Response is not available in name/value pair format.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the message. RDC indicates the message is from CWDirect.
target	alpha		Identifies the target of the message. WEB indicates the message is from the web storefront.
type	alpha		Identifies the type of information in the message. CWAvailResponse indicates the message contains item availability information.

Attribute Name	Type	Length	Comments
Item The Items element can include one or more Item elements.			
company_code	numeric	3	A code for the company where the item is located. From the <i>ECO Company code</i> field in the EC Item Availability file.
item_id	alpha	12	The item number whose availability information you are sending to the web storefront. From the <i>ECI Item number</i> field in the EC Item Availability file.
sku	numeric	7	The short SKU number defined for the item whose availability information you are sending to the web storefront. From the <i>ECK Short SKU</i> field in the EC Item Availability file.
qty_available	numeric	7	The quantity available for the item/SKU. From the <i>ECV Qty avail</i> field in the EC Item Availability file.

Attribute Name	Type	Length	Comments
date_expected	numeric	8	<p>The next date when you expect a purchase order receipt that should be able to fulfill the next order:</p> <ul style="list-style-type: none"> • If the item is not on any open purchase orders, the system calculates an expected date by adding the <i>FTC -- # of Days for Items without Expected Ship Date (C71)</i> to the current date; otherwise, • If there are any open purchase orders, the date sent to the web storefront is from the <i>Due Date</i> field in the PO Layering file. <p>However, the system does not assign a next expected date if the item is assigned a soldout control code with a status of:</p> <ul style="list-style-type: none"> • 1 (Sell out immediately). • 2 (Include on order) if the available quantity is zero or less and there is no quantity expected on open purchase orders (based on the <i>On order quantity</i> field for the Item Warehouse). • 3 (Exclude on order) and the available quantity is zero or less. <p>From the <i>ECV Date Expected</i> field in the EC Item Availability file.</p>

Attribute Name	Type	Length	Comments
default_delivery_date	numeric	1	<p>Indicates whether the <i>date_expected</i> was based on an actual purchase order, or was defaulted based on the <i>FTC -- # of Days for Items without Expected Ship Date (C71)</i> system control value:</p> <ul style="list-style-type: none"> 1 = date was defaulted based on the <i>FTC -- # of Days for Items without Expected Ship Date (C71)</i> system control value. 0 = actual purchase order date from the PO Layering (POLAYR) file. Note: The system also sets this flag to 0 if the <i>Include Projected Returns in Available Quantity for Download (J62)</i> is unselected, the <i>Include Projected Returns in Available Quantity for OE (L68)</i> system control value is selected, and the item/SKU: <ul style="list-style-type: none"> has a soldout control value with a status of 2 (include on-order quantity in soldout calculation), has no available quantity, and is associated with a <i>Projected return</i> quantity. <p>From the <i>ECV Default delivery date</i> field in the EC Item Availability file.</p>

E-Commerce Item Availability Response Message: Sample XML

A sample of the [E-Commerce Item Availability Response Message \(CWAvailResponse\)](#) in XML format is presented below.

```
- <Message source="RDC" target="WEB" type="CWAvailResponse">
  - <Items>
    <Item company_code="555" item_id="2004ITEM1" sku="1745" qty_available="551"
      date_expected="06172004" default_delivery_date="0" />
  </Items>
</Message>
```

Promotional Pricing Request Message (CWPromotionalRequest)



The Promotional Pricing job, started through Integration Layer Job Control (**IJCT**), receives CWPromotionalRequest messages from the web storefront to determine if any promotional pricing is eligible for the order being created on the web storefront.

The main purposes of this job:

- determine if any promotional pricing is eligible for the order on the web storefront.
- send the [Promotional Pricing Response Message \(CWPromotionalResponse\)](#) to the web storefront, indicating the promotions that can be applied to the order.

Note: The CWPromotionalRequest message is used to apply promotional pricing to orders on the web storefront. CWDirect may receive the order from the web storefront in the [E-Commerce New Order Message \(CWCreateOrder\)](#) or [Inbound Order XML Message \(CWORDERIN\)](#).

E-Commerce: The CWPromotionalRequest message is available for XML only.

For more information: See [Promotional Pricing Messages: Sample XMLs](#).

Attribute Name	Type	Length	Comments
Message			One Message element is required.

Attribute Name	Type	Length	Comments
source	alpha		Identifies the source of the message. IDC indicates the XML message is from the web storefront. Required.
target	alpha		Identifies the target of the message. RDC indicates the XML message is sent to CWDirect. Required.
type	alpha		Identifies the type of information in the XML message. CWPROMOTIONALREQUEST indicates the message contains promotional pricing information. Required.
PromotionalHeader One Header element is required.			
company_code	numeric	3	The CWDirect company code associated with the promotional request. Maps to the <i>Company</i> field in the Promotion Pricing file. Must be a valid company code. Required.
external_reference_nbr	numeric	8	Web assigned reference number. You can use either the <i>external_reference_nbr</i> in the request or the associated MQ message ID to correlate the message request to the message response. Required.
source_code	alpha	9	The source code associated with the promotional request. The <i>source_code</i> is used to determine if there are any valid promotions for this source code. Also used to determine the offer for offer pricing. Maps to the <i>Source code</i> field in the Promotion Pricing file. Either <i>source_code</i> or <i>offer_id</i> is required, but both can be sent.

Attribute Name	Type	Length	Comments
offer_id	alpha	3	The offer associated with the promotional request. The <i>offer_id</i> is used to determine if there are any valid promotions for this offer code. Also used to determine the offer price and item number if <i>alias</i> is passed. Maps to the <i>Offer number</i> field in the Promotion Pricing file. Either <i>source_code</i> or <i>offer_id</i> is required, but both can be sent. The <i>offer_id</i> is also required if <i>alias</i> is sent.
merch_total	numeric	9.2	Used to determine if any promotions exist when ordering items whose sum equals or is greater than this dollar amount. This should be an accumulative dollar amount of all items on the order. Required for order/dollar promotions.
PromotionalItem The PromotionalItems element, if provided, can include one or more PromotionalItem elements.			
item_id	alpha	12	The item number from the web storefront. Used to determine if any promotions exist when ordering this item. Maps to the <i>Required purchase ITM num</i> field in the Promotion Pricing file. Either <i>item_id</i> and <i>sku</i> , <i>short_sku</i> , or <i>alias_item</i> is required.
sku	alpha	14	The SKU code for the item, if any, from the web storefront. Used to determine if any promotions exist when ordering this SKU. Either <i>item_id</i> and <i>sku</i> , <i>short_sku</i> , or <i>alias_item</i> is required.
short_sku_number	numeric	7	The short SKU code defined for the item on the web storefront. Used to determine the item and SKU. Ignored if the <i>item_id</i> is provided, even if the <i>item_id</i> is invalid.

Attribute Name	Type	Length	Comments
line_offer_id	alpha	3	The offer associated with the item on the order. The <i>offer_id</i> is used to determine if there are any valid promotions for this offer code. Also used to determine the offer price and item number if <i>alias</i> is passed. Maps to the <i>Offer number</i> field in the Promotion Pricing file. Required if <i>alias</i> is sent.
alias_item	alpha	12	The alias code defined for the item in the specified offer. If the <i>alias_item</i> is populated, the <i>offer_id</i> or <i>line_offer_id</i> must be populated. Used to determine the item and SKU. Ignored if the <i>item_id</i> or <i>short_sku</i> is provided, even if the value is invalid.
order_quantity	numeric	5	The quantity of the item being ordered on the web storefront. Used to determine if any promotions exist when ordering this quantity of the item/SKU. Required.

Promotional Pricing Response Message (CWPromotionalResponse)



The Promotional Pricing job, started through Integration Layer Job Control (IJCT), sends a CWPromotionalResponse message to the web storefront indicating the promotional pricing eligible for the order, based on the information received in the [Promotional Pricing Request Message \(CWPromotionalRequest\)](#).

E-Commerce: The CWPromotionalResponse message is available for XML only.

For more information: See [Promotional Pricing Messages: Sample XMLs](#).

Attribute Name	Type	Length	Comments
Message One Message element is required.			
source	alpha		Identifies the source of the message. CWDIRECT indicates the XML message is from the web storefront. Required.
target	alpha		Identifies the target of the message. WEB indicates the XML message is sent to the web storefront. Required.
type	alpha		Identifies the type of information in the message. CWPromotionalResponse indicates the message contains a promotional response.
date_created	numeric	8	Identifies the date when the message was created, in YYYY-MM-DD format.
time_created	numeric	6	Identifies the time when the message was created, in HH:MM:SS format.
Header One Header element is required.			

Attribute Name	Type	Length	Comments
company_code	numeric	3	The company code associated with the promotions in the response. From the <i>Company</i> field in the Promotion Pricing file.
external_reference_nbr	numeric	8	The reference number assigned by the web storefront and sent in the Promotional Pricing Request Message (CWPromotionalRequest) .
errors	alpha	1	Indicates if any errors occurred while determining if any eligible promotions exist for the web order, based on the information passed in the Promotional Pricing Request Message (CWPromotionalRequest) . N = No errors exist; the promotions eligible for the web order are included in the CWPromotionalResponse message. Y = Errors exist; the number of eligible promotions for the web order is 0.
nbr_eligible_promotions	numeric	3	The number of eligible promotions for the information included in the Promotional Pricing Request Message (CWPromotionalRequest) . 0 displays if there are no eligible promotions for the web order; all other tags in the CWPromotionalResponse message will be blank.
Promotion One or more Promotion elements can be included in the message.			
promotion_id	alpha	5	The promotion ID for the promotion eligible to apply to the web order. From the <i>PRP Promotion ID</i> field in the Promotion Pricing file.
qualifying_source	alpha	9	The source code the customer used on the web order to be eligible for the promotion. Either <i>qualifying_source</i> or <i>qualifying_offer</i> will be populated, but not both. From the <i>Source code</i> field in the Promotion Pricing file.
qualifying_offer	alpha	3	The offer code the customer used on the web order to be eligible for the promotion. Either <i>qualifying_source</i> or <i>qualifying_offer</i> will be populated, but not both. From the <i>Offer number</i> field in the Promotion Pricing file.

Attribute Name	Type	Length	Comments
qualifying_dollars	numeric	11.2	The merchandise total that the customer must order on the web order to be eligible for the promotion. Only applies to O (order/dollar type promotions). From the <i>PRP dollars required</i> field in the Promotion Pricing file.
qualifying_qty	numeric	5	The order quantity (from the required item or items within the required group) that the customer must order on the web order to be eligible for an incentive item or incentive group. Only applies to I (item) or G (group) type promotions. This is not the sum of the quantities sent in the Promotional Pricing Request Message (CWPromotionalRequest) . From the <i>PRP Qty required</i> field in the Promotion Pricing file.
incentive_type	alpha	1	Defines whether a specific item or a group of items is used as an incentive. Valid values: G = Group; the item(s) associated with the incentive group are included in the CWPromotionalResponse sent back to the web storefront. I = Item; the item is included in the CWPromotionalResponse sent back to the web storefront. From the <i>PRP Type of incentive</i> field in the Promotion Pricing file.
qty_eligible	numeric	5	The maximum order quantity allowed for an incentive item or item(s) from an incentive group. From the <i>PRP Qty limit</i> field in the Promotion Pricing file.
incentive_discount_pct	numeric	5.2	The percentage by which the offer price of the item will be discounted. Only the <i>incentive_discount_pct</i> , <i>incentive_discount_dollars</i> , or <i>no_charge</i> tag will be populated. None of these tags will be populated if an incentive price has been defined. From the <i>PRP Incentive Disc Percnt</i> field in the Promotion Pricing file.

Attribute Name	Type	Length	Comments
incentive_discount_dollars	numeric	7.2	The dollar amount that will be subtracted from the offer price. Only the <i>incentive_discount_pct</i> , <i>incentive_discount_dollars</i> , or <i>no_charge</i> tag will be populated. None of these tags will be populated if an incentive price has been defined. From the <i>PRP Incentive Disc Dollar</i> field in the Promotion Pricing file.
no_charge	alpha	1	Indicates whether to charge for an incentive item or item(s) from an incentive group. Valid values: Y = The customer is receiving incentive items free of charge. blank = The customer is receiving incentive items for the specified price. From the <i>No charge?</i> field in the Promotion Pricing file.
QualifyingItem One or more QualifyingItem elements can be included in the message.			
qualifying_item_id	alpha	12	The item(s) the customer ordered that made the web order eligible for the promotion. The response only includes the items from the Promotional Pricing Request Message (CWPromotionalRequest) that made the web order eligible for the promotion. All items within the qualifying group are not included in the response message. <ul style="list-style-type: none"> From the <i>Incentive ITM Number</i> field in the Promotion Pricing file, <i>OR</i> From the <i>ITM Number</i> field in the Group Code Detail file.
qualifying_item_desc	alpha	40	A description of the qualifying item. From the <i>Description</i> field in the Item file.

Attribute Name	Type	Length	Comments
qualifying_sku	alpha	14	The SKU(s) the customer ordered that made the web order eligible for the promotion. The response only includes the SKUs from the Promotional Pricing Request Message (CWPromotionalRequest) that made the web order eligible for the promotion. All SKUs within the qualifying group are not included in the response message. <ul style="list-style-type: none"> From the <i>Incentive SKU Code</i> field in the Promotion Pricing file, <i>OR</i> From the <i>SKU Code</i> field in the Group Code Detail file.
qualifying_sku_desc	alpha	40	A description of the qualifying SKU. From the <i>Description</i> field in the SKU file.
qualifying_short_sku	numeric	7	The short SKU of the item the customer ordered that made the web order eligible for the promotion. From the <i>Short SKU</i> field in the SKU file.
qualifying_alias_item	alpha	12	The alias of the item the customer ordered that made the web order eligible for the promotion. This field is only populated if the alias exists for the offer that was passed in the Promotional Pricing Request Message (CWPromotionalRequest) . From the <i>Alias item</i> field in the Page Letter Alias file.
IncentiveItem One or more Incentive Item elements can be included in the message.			
incentive_item_id	alpha	12	The incentive item that the customer is eligible to receive. If the item is a SKU'd item, all SKUs for the item are included in the response message. <ul style="list-style-type: none"> From the <i>Incentive ITM Number</i> field in the Promotion Pricing file, <i>OR</i> From the <i>ITM Number</i> field in the Group Code Detail file.
incentive_item_desc	alpha	40	A description of the incentive item. From the <i>Description</i> field in the Item file.

Attribute Name	Type	Length	Comments
incentive_sku	alpha	14	The incentive SKU the customer is eligible to receive. If the item is a SKU'd item, all SKUs for the item are included in the response message. <ul style="list-style-type: none"> From the <i>Incentive SKU Code</i> field in the Promotion Pricing file, <i>OR</i> From the <i>SKU Code</i> field in the Group Code Detail file.
incentive_sku_desc	alpha	40	A description of the incentive SKU. From the <i>Description</i> field in the SKU file.
incentive_short_sku	numeric	7	The short SKU of the item that the customer is eligible to receive. From the <i>Short SKU</i> field in the SKU file.
incentive_alias_item	alpha	12	The alias of the item that the customer is eligible to receive. This field is only populated if the alias exists for the offer that was passed in the Promotional Pricing Request Message (CWPromotionalRequest) . From the <i>Alias item</i> field in the Page Letter Alias file.
incentive_price	numeric	7.2	The incentive price for the item. This field remains blank if an incentive price has not been defined and the SKU price and offer price cannot be determined. Note: The tax inclusive price cannot be used because the tax status is not known. <ul style="list-style-type: none"> From the <i>PRP Incentive price</i> field in the Promotion Pricing file, <i>OR</i> Calculated by subtracting the discount percentage or discount dollars from the offer price.
offer_price	numeric	7.2	The offer price for the item. This field remains blank if a SKU offer price and offer price have not been defined. Note: The tax inclusive price cannot be used because the tax status is not known. <ul style="list-style-type: none"> From the <i>Price</i> field in the SKU Price file, <i>OR</i> From the <i>Price</i> field in the Item Price file.

Promotional Pricing Messages: Sample XMLs

Purpose: Samples of the [Promotional Pricing Request Message \(CWPromotionalRequest\)](#) and its corresponding [Promotional Pricing Response Message \(CWPromotionalResponse\)](#) are presented below.

- [Sample Promotional Pricing Messages: Qualifying Group Promotion](#)
- [Sample Promotional Pricing Messages: Qualifying Item Promotion](#)
- [Sample Promotional Pricing Messages: Qualifying Order/Dollar Promotion](#)
- [Sample Promotional Pricing Messages: Multiple Qualifying Promotions](#)

Sample Promotional Pricing Messages: Qualifying Group Promotion

The sample XMLs displayed below depict a web order that qualifies for a group promotion.

Promotional Pricing Request Message: Sample XML

```
<Message source="IDC" target="RDC" type="CWPROMOTIONALREQUEST">
  <PromotionalHeader company_code="555" external_reference_nbr="5552" source_code="2006"
    offer_id="206" merch_total="1000">
    <PromotionalItem item_id="2006ITEM1" order_quantity="1" />
  </PromotionalHeader>
</Message>
```

Promotional Pricing Response Message: Sample XML

```
<Message source="CWDirect" target="Web" type="CWPromotionalResponse" date_created="2006-
04-24" time_created="10:59:45">
  <Header company_code="555" external_reference_nbr="00005552" errors="N"
    nbr_eligible_promotions="001">
    <Promotions>
      <Promotion promotion_id="G" qualifying_source="2006" qualifying_qty="00001"
        incentive_type="G" qty_eligible="00001">
        <QualifyingItems />
        <IncentiveItems>
          <IncentiveItem incentive_item_id="2006ITEM2"
            incentive_item_desc="2006ITEM2 ITEM DESCRIPTION"
            incentive_short_sku="0001929" incentive_price="0000250"
            offer_price="0000500" />
          <IncentiveItem incentive_item_id="2006SKU1" incentive_sku="BLUE WMNS
            SMLL" incentive_item_desc="2006SKU1 ITEM DESCRIPTION"
            incentive_sku_desc="BLUE WOMANS SMALL" incentive_short_sku="0001932"
            incentive_price="0000250" offer_price="0000500" />
          <IncentiveItem incentive_item_id="2006SKU1" incentive_sku="GRN WMNS
            SMLL" incentive_item_desc="2006SKU1 ITEM DESCRIPTION"
            incentive_sku_desc="FOREST WOMANS SMALL" incentive_short_sku="0001933"
            incentive_price="0000250" offer_price="0000500" />
          <IncentiveItem incentive_item_id="2006SKU1" incentive_sku="RED WMNS
            SMLL" incentive_item_desc="2006SKU1 ITEM DESCRIPTION"
            incentive_sku_desc="MAROON WOMANS SMALL" incentive_short_sku="0001931"
            incentive_price="0000250" offer_price="0000500" />
        </IncentiveItems>
      </Promotion>
    </Promotions>
  </Header>
</Message>
```

Sample Promotional Pricing Messages: Qualifying Item Promotion

The sample XMLs displayed below depict a web order that qualifies for an item promotion.

Promotional Pricing Request Message: Sample XML

```
<Message source="IDC" target="RDC" type="CWPPROMOTIONALREQUEST">
  <PromotionalHeader company_code="555" external_reference_nbr="5552" source_code="2006"
    offer_id="206" merch_total="1000">
    <PromotionalItem item_id="2006ITEM1" order_quantity="1" />
  </PromotionalHeader>
</Message>
```

Promotional Pricing Response Message: Sample XML

```
<Message source="CWDirect" target="Web" type="CWPromotionalResponse" date_created="2006-
04-24" time_created="10:49:50">
  <Header company_code="555" external_reference_nbr="00005552" errors="N"
    nbr_eligible_promotions="001">
    <Promotions>
      <Promotion promotion_id="I" qualifying_source="2006" qualifying_qty="00001"
        incentive_type="I" qty_eligible="00001" no_charge="Y">
        <QualifyingItems>
          <QualifyingItem qualifying_item_id="2006ITEM1"
            qualifying_item_desc="2006ITEM1 DESCRIPTION"
            qualifying_short_sku="0001925" />
        </QualifyingItems>
        <IncentiveItems>
          <IncentiveItem incentive_item_id="VCS20QPSB"
            incentive_item_desc="VCS20QPSB ITEM DESCRIPTION"
            incentive_short_sku="0001952" offer_price="0000500" />
        </IncentiveItems>
      </Promotion>
    </Promotions>
  </Header>
</Message>
```

Sample Promotional Pricing Messages: Qualifying Order/Dollar Promotion

The sample XMLs displayed below depict a web order that qualifies for an order/dollar promotion.

Promotional Pricing Request Message: Sample XML

```
<Message source="IDC" target="RDC" type="CWPPROMOTIONALREQUEST">
  <PromotionalHeader company_code="555" external_reference_nbr="5552" source_code="2006"
    offer_id="206" merch_total="2500">
    <PromotionalItem item_id="2006ITEM1" order_quantity="5" />
  </PromotionalHeader>
</Message>
```

Promotional Pricing Response Message: Sample XML

```
<Message source="CWDirect" target="Web" type="CWPromotionalResponse" date_created="2006-
04-24" time_created="11:08:03">
  <Header company_code="555" external_reference_nbr="00005552" errors="N"
    nbr_eligible_promotions="001">
    <Promotions>
      <Promotion promotion_id="O" qualifying_source="2006"
        qualifying_dollars="00000002500" incentive_type="G" qty_eligible="00001"
        incentive_discount_pct="01000">
        <IncentiveItems>
```

```

    <IncentiveItem incentive_item_id="2006ITEM2"
    incentive_item_desc="2006ITEM2 ITEM DESCRIPTION"
    incentive_short_sku="0001929" offer_price="0000500" />
    <IncentiveItem incentive_item_id="2006SKU1" incentive_sku="BLUE WMNS
    SMLL" incentive_item_desc="2006SKU1 ITEM DESCRIPTION"
    incentive_sku_desc="BLUE WOMANS SMALL" incentive_short_sku="0001932"
    offer_price="0000500" />
    <IncentiveItem incentive_item_id="2006SKU1" incentive_sku="GRN WMNS
    SMLL" incentive_item_desc="2006SKU1 ITEM DESCRIPTION"
    incentive_sku_desc="FOREST WOMANS SMALL" incentive_short_sku="0001933"
    offer_price="0000500" />
    <IncentiveItem incentive_item_id="2006SKU1" incentive_sku="RED WMNS
    SMLL" incentive_item_desc="2006SKU1 ITEM DESCRIPTION"
    incentive_sku_desc="MAROON WOMANS SMALL" incentive_short_sku="0001931"
    offer_price="0000500" />
  </IncentiveItems>
</Promotion>
</Promotions>
</Header>
</Message>

```

Sample Promotional Pricing Messages: Multiple Qualifying Promotions

The sample XMLs displayed below depict an order that qualifies for multiple promotions.

Promotional Pricing Request Message: Sample XML

```

<Message source="IDC" target="RDC" type="CWPROMOTIONALREQUEST">
  <PromotionalHeader company_code="555" external_reference_nbr="5552" source_code="2006"
  offer_id="206" merch_total="2500">
    <PromotionalItem item_id="2006ITEM1" order_quantity="5" />
  </PromotionalHeader>
</Message>

```

Promotional Pricing Response Message: Sample XML

```

<Message source="CWDirect" target="Web" type="CWPromotionalResponse" date_created="2006-
04-24" time_created="11:16:28">
  <Header company_code="555" external_reference_nbr="00005552" errors="N"
  nbr_eligible_promotions="003">
    <Promotions>
      <Promotion promotion_id="G" qualifying_source="2006" qualifying_qty="00001"
      incentive_type="G" qty_eligible="00001">
        <QualifyingItems />
        <IncentiveItems>
          <IncentiveItem incentive_item_id="2006ITEM2"
          incentive_item_desc="2006ITEM2 ITEM DESCRIPTION"
          incentive_short_sku="0001929" incentive_price="0000250"
          offer_price="0000500" />
          <IncentiveItem incentive_item_id="2006SKU1" incentive_sku="BLUE WMNS
          SMLL" incentive_item_desc="2006SKU1 ITEM DESCRIPTION"
          incentive_sku_desc="BLUE WOMANS SMALL" incentive_short_sku="0001932"
          incentive_price="0000250" offer_price="0000500" />
          <IncentiveItem incentive_item_id="2006SKU1" incentive_sku="GRN WMNS
          SMLL" incentive_item_desc="2006SKU1 ITEM DESCRIPTION"
          incentive_sku_desc="FOREST WOMANS SMALL" incentive_short_sku="0001933"
          incentive_price="0000250" offer_price="0000500" />
          <IncentiveItem incentive_item_id="2006SKU1" incentive_sku="RED WMNS
          SMLL" incentive_item_desc="2006SKU1 ITEM DESCRIPTION"
          incentive_sku_desc="MAROON WOMANS SMALL" incentive_short_sku="0001931"
          incentive_price="0000250" offer_price="0000500" />
        </IncentiveItems>
      </Promotion>
    </Promotions>
  </Header>
</Message>

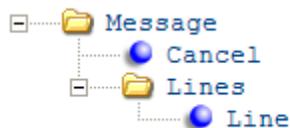
```

```

        </IncentiveItems>
    </Promotion>
    <Promotion promotion_id="I" qualifying_source="2006" qualifying_qty="00001"
incentive_type="I" qty_eligible="00001" no_charge="Y">
        <QualifyingItems>
            <QualifyingItem qualifying_item_id="2006ITEM1"
                qualifying_item_desc="2006ITEM1 DESCRIPTION"
                qualifying_short_sku="0001925" />
        </QualifyingItems>
        <IncentiveItems>
            <IncentiveItem incentive_item_id="VCS20QPSB"
                incentive_item_desc="VCS20QPSB QUICK12, MAIN12, SECOND12 B12"
                incentive_short_sku="0001952" offer_price="0000500" />
        </IncentiveItems>
    </Promotion>
    <Promotion promotion_id="O" qualifying_source="2006"
qualifying_dollars="00000002500" incentive_type="G" qty_eligible="00001"
incentive_discount_pct="01000">
        <IncentiveItems>
            <IncentiveItem incentive_item_id="2006ITEM2"
                incentive_item_desc="2006ITEM2 ITEM DESCRIPTION"
                incentive_short_sku="0001929" offer_price="0000500" />
            <IncentiveItem incentive_item_id="2006SKU1" incentive_sku="BLUE WMNS
SMLL" incentive_item_desc="2006SKU1 ITEM DESCRIPTION"
                incentive_sku_desc="BLUE WOMANS SMALL" incentive_short_sku="0001932"
                offer_price="0000500" />
            <IncentiveItem incentive_item_id="2006SKU1" incentive_sku="GRN WMNS
SMLL" incentive_item_desc="2006SKU1 ITEM DESCRIPTION"
                incentive_sku_desc="FOREST WOMANS SMALL" incentive_short_sku="0001933"
                offer_price="0000500" />
            <IncentiveItem incentive_item_id="2006SKU1" incentive_sku="RED WMNS
SMLL" incentive_item_desc="2006SKU1 ITEM DESCRIPTION"
                incentive_sku_desc="MAROON WOMANS SMALL" incentive_short_sku="0001931"
                offer_price="0000500" />
        </IncentiveItems>
    </Promotion>
</Promotions>
</Header>
</Message>

```

E-Commerce Cancel Request Message (CWCancel)



The EC_CANCELS job, started through Work with E-Commerce Job Control (**EJCT**), handles Cancel Request messages from the web storefront. The Cancel Request message can specify the entire order ship-to, or specific items on the order. An email confirmation indicates whether the cancellation request was successful.

For more information: See:

- [E-Commerce Cancel Request Message: Sample XML](#)
- [E-Commerce Cancel Request Message: Sample NVP](#)

Name/Value Pair layout: The e-commerce Cancel Request (EC_CANCELS) name/value pair message uses the following layout: name=value.

Example:

```
companycode=555  
order_id=7557  
ship_to=1
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Note: If a field is included in the name/value pair message, the field must be included in the order shown below. However, if the field is empty, the field does not need to be sent.

Attribute Name	Type	Length	Comments
<p>Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.</p>			
source	alpha		Identifies the source of the message. WEB indicates the XML message is from the web storefront. Required.
target	alpha		Identifies the target of the message. RDC indicates the XML message is sent to CWDirect. Required.
type	alpha		Identifies the type of information in the XML message. CWCcancel indicates the message contains a cancellation request. Required.
<p>Cancel One Cancel element is required. To cancel the entire order ship to, the <i>cancel_type</i> must be O and the <i>order_reason</i> must specify a valid cancel reason code. Note: If there are multiple shipping addresses, the cancel request for each ship to must be sent separately.</p>			
company_code	numeric	3	The company where the order is located. Maps to the <i>CMP Company</i> field in the Order Ship To file. Required.
order_id	numeric	8	The CWDirect order number you wish to cancel. Maps to the <i>Order #</i> field in the Order Ship To file. Required.
ship_to	numeric	3	The order ship to you wish to cancel. Maps to the <i>Ship to #</i> field in the Order Ship To file. Required.
cancel_type	alpha	1	Indicates the type of cancel to perform. Valid values: O = Order cancel. L = Line cancel. Required.

Attribute Name	Type	Length	Comments
order_reason	numeric	2	A code that represents the reason for canceling the order. Maps to the <i>CNR Cancel reason code</i> field in the Order Detail file.
Line The Lines element, if provided, can include one or more Line elements. To cancel an order line, the <i>cancel_type</i> must be L and you must specify the <i>line_number</i> to cancel, the <i>qty</i> on the order line to cancel, and the <i>reason</i> .			
line_number	numeric	5	The order detail line sequence number to cancel. Maps to the <i>Seq #</i> field in the Order Detail file.
qty	numeric	5	The quantity on the order line to cancel. Maps to the <i>ODT Qty cancelled</i> field in the Order Detail file.
reason	numeric	2	A code that represents the reason for canceling the order line. Maps to the <i>CNR Cancel reason code</i> field in the Order Detail file.

E-Commerce Cancel Request Message: Sample XML

A sample of the [E-Commerce Cancel Request Message \(CWCcancel\)](#) in XML format is presented below.

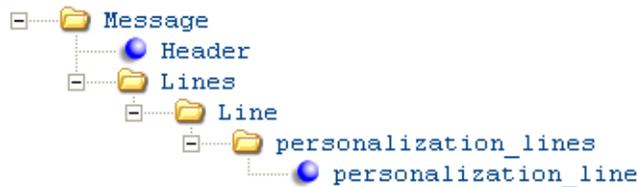
```
- <Message source="WEB" target="RDC" type="CWCcancel">
  <Cancel company_code="555" order_id="7602" ship_to="1" cancel_type="0"
  order_reason="1" />
  - <Lines>
    <Line line_number="1" qty="1" reason="1" />
    <Line />
  </Lines>
</Message>
```

E-Commerce Cancel Request Message: Sample NVP

A sample of the [E-Commerce Cancel Request Message \(CWCcancel\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

```
company_code=555;order_id=7603;ship_to=1;cancel_type=0;order_reason=1;
```

E-Commerce Maintenance Request Message (CWMaintenance)



The EC_MAINT job, started through Work with E-Commerce Job Control (**EJCT**), handles Maintenance Request messages from the web storefront. The first Maintenance Request message is flagged as an inquiry (the *Maint_type* field = **I**), and the [E-Commerce Maintenance Response Message \(CWMaintResp\)](#) provides all maintainable information on the order. The next Maintenance Request message, with the *Maint_type* field set to **M**, provides the specifics of the maintenance request. A subsequent email confirmation indicates whether the maintenance request was successful.

For more information: See:

- [E-Commerce Maintenance Request Message: Sample XML](#)
- [E-Commerce Maintenance Request Message: Sample NVP](#)
-

Name/Value Pair layout: The e-commerce Maintenance Request (EC_MAINT) name/value pair message uses the following layout: name=value.

Example:

```

companycode=555
order_id=7557
ship_to=001
    
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

Note: If a field is included in the name/value pair message, the field must be included in the order shown below. However, if the field is empty, the field does not need to be sent.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			

Attribute Name	Type	Length	Comments
source	alpha		Identifies the source of the message. <i>WEB</i> indicates the message is from the web storefront. Required.
target	alpha		Identifies the target of the message. <i>RDC</i> indicates the message is sent to CWDirect. Required.
type	alpha		Identifies the type of information in the message. <i>CWMaintenance</i> indicates the message contains an order maintenance request. Required.
Header One Header element is required.			
company_code	numeric	3	A code for the company where the order is located. Maps to the <i>CMP Company</i> field in the Order Ship To file. Required.
order_id	numeric	8	The CWDirect order number you wish to maintain. Maps to the <i>Order #</i> field in the Order Ship To file. Required.
ship_to	numeric	3	The order ship to number you wish to maintain. Maps to the <i>Ship to #</i> field in the Order Ship To file. Required.

Attribute Name	Type	Length	Comments
maint_type	alpha	1	Indicates the type of maintenance transaction. I = Inquiry. The Maintenance Request message requests to maintain the order. The Maintenance Request Inquiry message includes only the <i>company_code</i> , <i>order_id</i> , <i>ship_to</i> numbers, and a <i>maint_type</i> of I . The E-Commerce Maintenance Response Message (CWMaintResp) sent back to the web storefront indicates all the maintainable information on the order. M = Maintenance. The Maintenance Request message provides the specifics of the maintenance request. The E-Commerce Maintenance Response Message (CWMaintResp) sent back to the web storefront confirms that the maintenance request was received. Required.
shipping_method	numeric	2	The shipping method defined for the order ship to. Maps to the <i>Ship via</i> field in the Order Ship To file.
gift	alpha	1	Indicates if the order ship to is a gift order. Y = The order ship to is a gift order. N = The order ship to is not a gift order. Maps to the <i>OST Gift order</i> field in the Order Ship To file.
gift_message	alpha	256	Up to 5 gift messages for the order ship to. Positions 1 - 56 represent the first gift message. Positions 57 - 106 represent the second gift message. Positions 107 - 156 represent the third gift message. Positions 157 - 206 represent the fourth gift message. Positions 207 - 256 represent the fifth gift message. Maps to the <i>OMS message</i> field in the Order Messages file whose <i>OMS Print?</i> field is G .

Attribute Name	Type	Length	Comments
ship_to_fname	alpha	15	The first name of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>NAM First name</i> field in the Order Ship To file, or • <i>NAM First name</i> field in the Customer Ship To file, or • <i>NAM First name</i> field in the Customer Sold To file.
ship_to_initial	alpha	1	The middle initial of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>NAM Initial</i> field in the Order Ship To Address file, or • <i>NAM Initial</i> field in the Customer Ship To file, or • <i>NAM Initial</i> field in the Customer Sold To file. Available in version: 6.0 or later of CWDirect.
ship_to_lname	alpha	25	The last name of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>NAM Last name</i> field in the Order Ship To Address file, or • <i>NAM Last name</i> field in the Customer Ship To file, or • <i>NAM Last name</i> field in the Customer Sold To file.
ship_to_company	alpha	30	The company of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>NAM Company name</i> field in the Order Ship To Address file, or • <i>NAM Company name</i> field in the Customer Ship To file, or • <i>NAM Company name</i> field in the Customer Sold To file.

Attribute Name	Type	Length	Comments
ship_to_address1	alpha	32	The street address of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>NAM Street address</i> field in the Order Ship To Address file, or • <i>NAM Street address</i> field in the Customer Ship To file, or • <i>NAM Street address</i> field in the Customer Sold To file.
ship_to_address2	alpha	32	The second address line of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>NAM Address line 2</i> field in the Order Ship To Address file, or • <i>NAM Address line 2</i> field in the Customer Ship To file, or • <i>NAM Address line 2</i> field in the Customer Sold To file.
ship_to_address3	alpha	32	The third address line of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>Address line 3</i> field in the Order Ship To Address file, or • <i>Address line 3</i> field in the Customer Ship To Extended file, or • <i>Address line 3</i> field in the Customer Sold To Extended file.
ship_to_address4	alpha	32	The fourth address line of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>Address line 4</i> field in the Order Ship To Address file, or • <i>Address line 4</i> field in the Customer Ship To Extended file, or • <i>Address line 4</i> field in the Customer Sold To Extended file.

Attribute Name	Type	Length	Comments
ship_to_apartment	alpha	10	The apartment for the address of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>NAM Apartment</i> field in the Order Ship To Address file, or • <i>NAM Apartment</i> field in the Customer Ship To file, or • <i>NAM Apartment</i> field in the Customer Sold To file. Available in version: 6.0 or later of CWDirect.
ship_to_city	alpha	25	The city for the address of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>NAM City</i> field in the Order Ship To Address file, or • <i>NAM City</i> field in the Customer Ship To file, or • <i>NAM City</i> field in the Customer Sold To file.
ship_to_state	alpha	2	The state code for the address of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>NAM State</i> field in the Order Ship To Address file, or • <i>NAM State</i> field in the Customer Ship To file, or • <i>NAM State</i> field in the Customer Sold To file.
ship_to_zip	alpha	10	The postal code for the address of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>NAM Zip</i> field in the Order Ship To Address file, or • <i>NAM Zip</i> field in the Customer Ship To file, or • <i>NAM Zip</i> field in the Customer Sold To file.
ship_to_country	alpha	3	The country code for the address of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>RPR Country</i> field in the Order Ship To Address file, or • <i>RPR Country</i> field in the Customer Ship To file, or • <i>RPR Country</i> field in the Customer Sold To file.

Attribute Name	Type	Length	Comments
ship_to_email	alpha	50	The email address of the ship to customer on the order. Maps to the: <ul style="list-style-type: none"> • <i>OSA Email address</i> field in the Order Ship To Address file, or • <i>CSH Email address</i> field in the Customer Ship To file, or • <i>Email</i> field in the Customer Sold To file.
Line The Lines element can include one or more Line elements.			
line_nbr	numeric	5	The order detail line sequence number. If you enter NEW in this field, the system adds a new order line to the order. Maps to the <i>Seq #</i> field in the Order Detail file. Required.
item_id	alpha	12	The item number on the order line. Maps to the <i>ITM number</i> field in the Order Detail file. Required.
sku	numeric	7	The short SKU code for the item on the order line. Maps to the <i>Short SKU</i> field in the SKU file. Required.
quantity	numeric	5	The order quantity on the order line. Maps to the <i>Qty ordered</i> field in the Order Detail file. Required.
list_price	numeric	7.2	The price for the item on the order line. Maps to the <i>Price</i> field in the Order Detail file.
price_override	alpha	1	Indicates if the price from the web storefront should be used for the order line. Y = Use the price from the web storefront. N = Update the price based on regular price processing.
gift_wrap	alpha	1	Indicates if the item on the order line should be gift wrapped. Y = Gift wrap the item. N or blank = Do not gift wrap the item. Maps to the <i>Gift wrap</i> field in the Order Detail file.

Attribute Name	Type	Length	Comments
personalization_id	alpha	2	The special handling code defined for the item on the order line. Overrides the additional charge code, if any, from the Item Offer or SKU Offer. Maps to the <i>Add'l chg code</i> field in the Order Detail file.
personalization_cost	numeric	7.2	The special handling charge. Maps to the <i>Special handling \$</i> field in the Order Detail file.
personalization_line The <code>personalization_lines</code> element, if provided, can include one or more <code>personalization_line</code> elements.			
personalization_text	alpha	45	Special handling instructions. Maps to the <i>Input</i> field in the Order Special Format file for custom special handling.

E-Commerce Maintenance Request Message: Sample XML

A sample of the [E-Commerce Maintenance Request Message \(CWMaintenance\)](#) in XML format is presented below.

Inquiry message:

```
- <Message source="WEB" target="RDC" type="CWMaintenance">
  <Header company_code="555" order_id="7609" ship_to="001" maint_type="I" />
  - <Lines>
    - <Line>
      - <personalization_lines>
        <personalization_line />
        <personalization_line />
      </personalization_lines>
    </Line>
  </Lines>
</Message>
```

Maintenance message:

```
- <Message source="WEB" target="RDC" type="CWMaintenance">
  <Header company_code="555" order_id="7609" ship_to="001" maint_type="M"
  shipping_method="1" ship_to_fname="DARCY" ship_to_lname="BOTTTGER"
  ship_to_address1="109 TURNER LN" ship_to_city="TEMPLETON" ship_to_state="MA"
  ship_to_zip="01468" ship_to_country="USA" ship_to_email="DBOTTGER@HOME.COM" />
  - <Lines>
    - <Line line_nbr="1" item_id="2004ITEM1" sku="1745" quantity="2" list_price="1200"
    price_override="C">
      - <personalization_lines>
        <personalization_line />
        <personalization_line />
      </personalization_lines>
    </Line>
  </Lines>
</Message>
```

E-Commerce Maintenance Request Message: Sample NVP

A sample of the [E-Commerce Maintenance Request Message \(CWMaintenance\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

Inquiry message:

```
company_code=555;order_id=7609;ship_to=001;maint_type=I;
```

Maintenance message:

```
company_code=555;order_id=7609;ship_to=001;maint_type=M;shipping_method=1;ship_to_fname=DA  
RCY;ship_to_lname=BOTTGER;ship_to_address1=109 TURNER  
LN;ship_to_city=TEMPLETON;ship_to_state=MA;ship_to_zip=01468;ship_to_country=USA;ship_to_e  
mail=DBOTTGER@HOME.COM;item_count=1;line_nbr=1;item_id=2004ITEM1;sku=1745;quantity=2;list_  
price=1200;price_override=C;
```

E-Commerce Maintenance Response Message (CWMaintResp)



The EC_MAINT job, started through Work with E-Commerce Job Control (**EJCT**), handles Maintenance Request messages from the web storefront. The first [E-Commerce Maintenance Request Message \(CWMaintenance\)](#) is flagged as an inquiry (the *Maint_type* field = **I**), and the Maintenance Response provides all maintainable information on the order. The next [E-Commerce Maintenance Request Message \(CWMaintenance\)](#), with the *Maint_type* field set to **M**, provides the specifics of the maintenance request. A subsequent email confirmation indicates whether the maintenance request was successful.

For more information: See:

- [E-Commerce Maintenance Response Message: Sample XML](#)
- [E-Commerce Maintenance Response Message: Sample NVP](#)

Name/Value Pair layout: The e-commerce Maintenance Response (EC_MAINT) name/value pair message uses the following layout: name=value.

Example:

```

companycode=555
order_id=7557
ship_to=001
  
```

The **Attribute Name** column in the table below indicates the name part of the name/value pair. The **Comments** column indicates the data to enter in the value part of the name/value pair. A note displays in the **Comments** column if the field is only available in the XML message.

If a field is included in the name/value pair message, the field must be included in the order shown below. However, if the field is empty, the field does not need to be sent.

Attribute Name	Type	Length	Comments
Message One Message element is required. Available in version: The Message element and all of its attributes is available for XML only.			
source	alpha		Identifies the source of the message. RDC indicates the message is from CWDirect. Required.

Attribute Name	Type	Length	Comments
target	alpha		Identifies the target of the message. WEB indicates the message is sent to the web storefront. Required.
type	alpha		Identifies the type of information in the message. CWMaintResp indicates the message contains a maintenance response message. Required.
Header One Header element is required.			
company_code	numeric	3	A code for the company where the order is located. From the <i>CMP Company</i> field in the Order Ship To file. Required.
order_id	numeric	8	The order number where the maintenance occurred. From the <i>Order #</i> field in the Order Ship To file. Required.
ship_to	numeric	3	The order ship to number associated with the maintenance. From the <i>Ship to #</i> field in the Order Ship To file. Required.
ship_via	numeric	2	The ship via defined for the ship to order. From the <i>Ship via</i> field in the Order Ship To file. Required.
ship_to_fname	alpha	15	The first name of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>NAM First name</i> field in the Order Ship To Address file, or • <i>NAM First name</i> field in the Customer Ship To file, or • <i>NAM First name</i> field in the Customer Sold To file. Required.

Attribute Name	Type	Length	Comments
ship_to_initial	alpha	1	The middle initial of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>NAM Initial</i> field in the Order Ship To Address file, or • <i>NAM Initial</i> field in the Customer Ship To file, or • <i>NAM Initial</i> field in the Customer Sold To file. Required. Available in version: 6.0 or later of CWDirect.
ship_to_lname	alpha	25	The last name of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>NAM Last name</i> field in the Order Ship To Address file, or • <i>NAM Last name</i> field in the Customer Ship To file, or • <i>NAM Last name</i> field in the Customer Sold To file. Required.
ship_to_company	alpha	30	The company of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>NAM Company name</i> field in the Order Ship To Address file, or • <i>NAM Company name</i> field in the Customer Ship To file, or • <i>NAM Company name</i> field in the Customer Sold To file.
ship_to_address1	alpha	32	The street address of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>NAM Street address</i> field in the Order Ship To Address file, or • <i>NAM Street address</i> field in the Customer Ship To file, or • <i>NAM Street address</i> field in the Customer Sold To file. Required.

Attribute Name	Type	Length	Comments
ship_to_address2	alpha	32	The second address line of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>NAM Address line 2</i> field in the Order Ship To Address file, or • <i>NAM Address line 2</i> field in the Customer Ship To file, or • <i>NAM Address line 2</i> field in the Customer Sold To file.
ship_to_address3	alpha	32	The third address line of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>Address line 3</i> field in the Order Ship To Address file, or • <i>Address line 3</i> field in the Customer Ship To Extended file, or • <i>Address line 3</i> field in the Customer Sold To file.
ship_to_address4	alpha	32	The fourth address line of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>Address line 4</i> field in the Order Ship To Address file, or • <i>Address line 4</i> field in the Customer Ship To Extended file, or • <i>Address line 4</i> field in the Customer Sold To Extended file.
ship_to_apartment	alpha	10	The apartment/suite number for the address of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>NAM Apartment</i> field in the Order Ship To Address file, or • <i>NAM Apartment</i> field in the Customer Ship To file, or • <i>NAM Apartment</i> field in the Customer Sold To file. Available in version: 6.0 or later of CWDirect.

Attribute Name	Type	Length	Comments
ship_to_city	alpha	25	The city for the address of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>NAM City</i> field in the Order Ship To Address file, or • <i>NAM City</i> field in the Customer Ship To file, or • <i>NAM City</i> field in the Customer Sold To file. Required.
ship_to_state	alpha	2	The state code for the address of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>NAM State</i> field in the Order Ship To Address file, or • <i>NAM State</i> field in the Customer Ship To file, or • <i>NAM State</i> field in the Customer Sold To file.
ship_to_zip	alpha	10	The postal code for the address of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>NAM Zip</i> field in the Order Ship To Address file, or • <i>NAM Zip</i> field in the Customer Ship To file, or • <i>NAM Zip</i> field in the Customer Sold To file.
ship_to_country	alpha	3	The country code for the address of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>RPR Country</i> field in the Order Ship To Address file, or • <i>RPR Country</i> field in the Customer Ship To file, or • <i>RPR Country</i> field in the Customer Sold To file. Required.
ship_to_email	alpha	50	The email address of the ship to customer on the order. From the: <ul style="list-style-type: none"> • <i>OSA Email address</i> field in the Order Ship To Address file, or • <i>CSH Email address</i> field in the Customer Ship To file, or • <i>Email</i> field in the Customer Sold To file.

Attribute Name	Type	Length	Comments
gift	alpha	1	Indicates if the ship to order is a gift order. From the <i>OST Gift order</i> field in the Order Ship To file.
gift_message	alpha	256	Up to 5 gift order messages. Positions 1 - 56 represent the first order message. Positions 57 - 106 represent the second order message. Positions 107 - 156 represent the third order message. Positions 157 - 206 represent the fourth order message. Positions 207 - 256 represent the fifth order message. From the <i>OMS message</i> field in the Order Messages file whose <i>OMS Print?</i> field is G .
Line The Lines element can include one or more Line elements.			
sku	numeric	7	The short SKU code of the item on the order line. From the <i>Short SKU</i> field in the SKU file. Required.
item_id	alpha	12	The item number on the order line. From the <i>ITM number</i> field in the Order Detail file. Required.
line_nbr	numeric	5	The order sequence line number. From the <i>Seq #</i> field in the Order Detail file. Required.
quantity	numeric	5	The order quantity for the item on the order line. From the <i>ODT Qty ordered</i> field in the Order Detail file. Required.
qty_open	numeric	5	The quantity of the item on the order line that is in an open status. Required.
gift_wrap	alpha	1	Indicates if the item on the order line will be gift-wrapped. From the <i>Gift wrap</i> field in the Order Detail file. Required.

Attribute Name	Type	Length	Comments
price	numeric	7.2	The selling price for the item on the order line. From the <i>ODT Price</i> field in the Order Detail file. Required.
personalization_id	alpha	2	The special handling code defined for the item on the order line. From the <i>Add'l chg</i> field in the Order Detail file.
personalization_cost	numeric	7.2	The special handling cost. From the <i>ODT Special handling \$</i> field in the Order Detail file.
personalization_text	alpha	45	Special handling instructions. From the <i>Input</i> field in the Order Special Format file for custom special handling.

E-Commerce Maintenance Response Message: Sample XML

A sample of the [E-Commerce Maintenance Response Message \(CWMaintResp\)](#) in XML format is presented below.

```
- <Message source="RDC" target="WEB" type="CWMaintResp">
  <Header company_code="555" order_id="7609" ship_to="001" ship_via="1"
    ship_to_fname="DARCY" ship_to_lname="BOTTGER" ship_to_address1="109 TURNER LN"
    ship_to_city="TEMPLETON" ship_to_state="MA" ship_to_zip="01468" ship_to_country="USA"
    ship_to_email="KBOTTGER@COMMERCIALWARE.COM" gift="0" gift_message="ORDER MESSAGE" />
  - <Lines>
    <Line sku="1745" item_id="2004ITEM1" line_nbr="11" quantity="1" qty_open="1"
      gift_wrap="0" price="0000500" />
    <Line sku="1748" item_id="2004ITEM2" line_nbr="12" quantity="1" qty_open="1"
      gift_wrap="0" price="0001000" />
    <Line sku="1750" item_id="2004ITEM3" line_nbr="13" quantity="1" qty_open="1"
      gift_wrap="0" price="0001000" />
  </Lines>
</Message>
```

E-Commerce Maintenance Response Message: Sample NVP

A sample of the [E-Commerce Maintenance Response Message \(CWMaintResp\)](#) in name/value pair format is presented below. Each name/value pair is separated by a semi-colon (;).

```
company_code=555;order_id=7609;ship_to=001;ship_via=1;ship_to_fname=DARCY;ship_to_lname=BO
TTGER;ship_to_address1=109 TURNER
LN;ship_to_city=TEMPLETON;ship_to_state=MA;ship_to_zip=01468;ship_to_country=USA;ship_to_e
mail=KBOTTGER@COMMERCIALWARE.COM;gift=0;gift_message=ORDER
MESSAGE;sku=1745;item_id=2004ITEM1;line_nbr=11;quantity=1;qty_open=1;gift_wrap=0;price=000
0500;sku=1748;item_id=2004ITEM2;line_nbr=12;quantity=1;qty_open=1;gift_wrap=0;price=000100
0;sku=1750;item_id=2004ITEM3;line_nbr=13;quantity=1;qty_open=1;gift_wrap=0;price=0001000;
```

Document Type Definition (DTD) Layouts

Purpose: The DTDs for each documented message are:

- [Inbound Order Message \(CWOrderIn\)](#)
- [Order API Response \(CWORDEROUT\)](#)
- [E-Commerce New Order DTD \(CWCreateOrder\)](#)
- [E-Commerce Payment DTD \(CWPayment\)](#)
- [E-Commerce New Order Response DTD \(CWOrderResponse\)](#)
- [E-Commerce Cancel Request DTD \(CWCancel\)](#)
- [E-Commerce Maintenance Request DTD \(CWMaintenance\)](#)
- [E-Commerce Maintenance Response DTD \(CWMaintResp\)](#)
- [E-Commerce Name/Address Change DTD \(CWAddressChg\)](#)
- [E-Commerce Name/Address Change Response DTD \(CWCchgResponse\)](#)
- [E-Commerce Catalog Request DTD \(CWCatRequest\)](#)
- [E-Commerce Catalog Request Response DTD \(CWCatreqResponse\)](#)
- [E-Commerce Order List DTD \(CWOrderList\)](#)
- [E-Commerce Order List Response DTD \(CWListResponse\)](#)
- [E-Commerce Order Status DTD \(CWOrderStatus\)](#)
- [E-Commerce Order Status Response DTD \(CWStatusResponse\)](#)
- [E-Commerce Return Request DTD \(CWReturn\)](#)
- [E-Commerce Return Response DTD \(CWReturnResponse\)](#)
- [E-Commerce Item Availability Request DTD \(CWItemAvail\)](#)
- [E-Commerce Item Availability Response DTD \(CWAvailResponse\)](#)
- [E-Commerce Promotional Request DTD \(CWPromotionalRequest\)](#)
- [E-Commerce Promotional Response DTD \(CWPromotionalResponse\)](#)
- [E-Commerce Order Reject/Cancel DTD \(CWOrderReject\)](#)

Inbound Order Message (CWOrderIn)

```
<?xml version="1.0" encoding="UTF-8"?>
<!ELEMENT Message (Header)>
<!ATTLIST Message
  source CDATA #IMPLIED
  target CDATA #IMPLIED
  type CDATA "CWORDERIN"
  resp_mgr CDATA #IMPLIED
  resp_q CDATA #IMPLIED
```

```
>
<!ELEMENT Header (CustOwnerships?, CustUserFields?, UserFields?, Payments?, ShipTos?,
Profiles?, Coupons?)>
<!ATTLIST Header
  company_code CDATA #IMPLIED
  order_number CDATA #IMPLIED
  offer_id CDATA #IMPLIED
  payment_only CDATA #IMPLIED
  source_code CDATA #IMPLIED
  response_type CDATA #IMPLIED
  order_date CDATA #IMPLIED
  order_channel CDATA #IMPLIED
  customer_number CDATA #IMPLIED
  alternate_sold_to_id CDATA #IMPLIED
  prospect_id CDATA #IMPLIED
  sold_to_prefix CDATA #IMPLIED
  sold_to_fname CDATA #IMPLIED
  sold_to_initial CDATA #IMPLIED
  sold_to_lname CDATA #IMPLIED
  sold_to_suffix CDATA #IMPLIED
  sold_to_company CDATA #IMPLIED
  sold_to_busrres CDATA #IMPLIED
  sold_to_address1 CDATA #IMPLIED
  sold_to_address2 CDATA #IMPLIED
  sold_to_address3 CDATA #IMPLIED
  sold_to_address4 CDATA #IMPLIED
  sold_to_apartment CDATA #IMPLIED
  sold_to_city CDATA #IMPLIED
  sold_to_state CDATA #IMPLIED
  sold_to_zip CDATA #IMPLIED
  sold_to_country CDATA #IMPLIED
  sold_to_email CDATA #IMPLIED
  sold_to_email_update CDATA #IMPLIED
  sold_to_day_phone CDATA #IMPLIED
  sold_to_eve_phone CDATA #IMPLIED
  sold_to_fax_phone CDATA #IMPLIED
  sold_to_opt_in CDATA #IMPLIED
  sold_to_address_update CDATA #IMPLIED
  affluenceIndicator CDATA #IMPLIED
  allow_rent CDATA #IMPLIED
  allow_email CDATA #IMPLIED
  allow_mail CDATA #IMPLIED
  nbr_ship_tos CDATA #IMPLIED
  pay_incl CDATA #IMPLIED
  ind_number CDATA #IMPLIED
  ind_dept CDATA #IMPLIED
  ind_position CDATA #IMPLIED
  ind_prefix CDATA #IMPLIED
  ind_fname CDATA #IMPLIED
  ind_initial CDATA #IMPLIED
  ind_lname CDATA #IMPLIED
  ind_suffix CDATA #IMPLIED
  ind_day_phone CDATA #IMPLIED
  ind_eve_phone CDATA #IMPLIED
  ind_fax_phone CDATA #IMPLIED
  ind_email_address CDATA #IMPLIED
  ind_opt_in CDATA #IMPLIED
  ind_mail_flag CDATA #IMPLIED
  ind_rent_flag CDATA #IMPLIED
  bill_to_number CDATA #IMPLIED
  alternate_bill_to_id CDATA #IMPLIED
```

```

bill_to_prefix CDATA #IMPLIED
bill_to_fname CDATA #IMPLIED
bill_to_initial CDATA #IMPLIED
bill_to_lname CDATA #IMPLIED
bill_to_suffix CDATA #IMPLIED
bill_to_company_name CDATA #IMPLIED
bill_to_address1 CDATA #IMPLIED
bill_to_address2 CDATA #IMPLIED
bill_to_address3 CDATA #IMPLIED
bill_to_address4 CDATA #IMPLIED
bill_to_apt CDATA #IMPLIED
bill_to_city CDATA #IMPLIED
bill_to_state CDATA #IMPLIED
bill_to_zip CDATA #IMPLIED
bill_to_country CDATA #IMPLIED
bill_to_email CDATA #IMPLIED
bill_to_day_phone CDATA #IMPLIED
bill_to_eve_phone CDATA #IMPLIED
bill_to_fax_phone CDATA #IMPLIED
bill_to_print_statement CDATA #IMPLIED
user_hold_reason CDATA #IMPLIED
batch_number CDATA #IMPLIED
batch_date CDATA #IMPLIED
batch_beg_end_flag CDATA #IMPLIED
approve_batch CDATA #IMPLIED
batch_order_count CDATA #IMPLIED
batch_qty_count CDATA #IMPLIED
batch_prepaid_total CDATA #IMPLIED
order_type CDATA #IMPLIED
sales_rep_number CDATA #IMPLIED
sales_rep_name CDATA #IMPLIED
entered_by_user CDATA #IMPLIED
customer_class CDATA #IMPLIED
order_email CDATA #IMPLIED
bill_to_opt_in CDATA #IMPLIED
rdc_order_nbr CDATA #IMPLIED
enter_date CDATA #IMPLIED
enter_time CDATA #IMPLIED
ip_addr CDATA #IMPLIED
auto_renew CDATA #IMPLIED
pc_program_key CDATA #IMPLIED
>
<!ELEMENT CustOwnerships (CustOwnership)+>
<!ELEMENT CustOwnership EMPTY>
<!ATTLIST CustOwnership
  cust_own_ID CDATA #IMPLIED
  cust_own_desc CDATA #IMPLIED
  cust_own_active CDATA #IMPLIED
  cust_own_entry_date CDATA #IMPLIED
  cust_own_confirm_date CDATA #IMPLIED
>
<!ELEMENT CustUserFields (CustUserField+)>
<!ELEMENT CustUserField EMPTY>
<!ATTLIST CustUserField
  cust_usr fld_dtl_seq_nbr CDATA #IMPLIED
  cust_usr fld_label CDATA #IMPLIED
  cust_usr fld_data CDATA #IMPLIED
>
<!ELEMENT UserFields (UserField+)>
<!ELEMENT UserField EMPTY>
<!ATTLIST UserField

```

```
usr_fld_dtl_seq_number CDATA #IMPLIED
usr_fld_label CDATA #IMPLIED
usr_fld_data CDATA #IMPLIED
>
<!ELEMENT Payments (Payment+)>
<!ELEMENT Payment EMPTY>
<!ATTLIST Payment
  payment_type CDATA #IMPLIED
  charge_sequence CDATA #IMPLIED
  suppress_deposit_flag CDATA #IMPLIED
  suppress_refund_flag CDATA #IMPLIED
  cc_name CDATA #IMPLIED
  cc_type CDATA #IMPLIED
  cc_number CDATA #IMPLIED
  cc_exp_month CDATA #IMPLIED
  cc_exp_year CDATA #IMPLIED
  cc_sec_value CDATA #IMPLIED
  cc_sec_presence CDATA #IMPLIED
  cc_iss_bank CDATA #IMPLIED
  defer_bill CDATA #IMPLIED
  flexible_payment_code CDATA #IMPLIED
  amt_to_charge CDATA #IMPLIED
  auth_number CDATA #IMPLIED
  auth_date CDATA #IMPLIED
  auth_amount CDATA #IMPLIED
  gc_type CDATA #IMPLIED
  gift_certificate_number CDATA #IMPLIED
  gift_certificate_amount CDATA #IMPLIED
  expiration_date CDATA #IMPLIED
  hold_id CDATA #IMPLIED
  ar_type CDATA #IMPLIED
  po_number CDATA #IMPLIED
  check_number CDATA #IMPLIED
  check_amount CDATA #IMPLIED
  checking_account CDATA #IMPLIED
  routing_number CDATA #IMPLIED
  pin_id CDATA #IMPLIED
  cash_control_number CDATA #IMPLIED
  start_date CDATA #IMPLIED
  card_issue_nbr CDATA #IMPLIED
  soc_sec_nbr CDATA #IMPLIED
  bml_version CDATA #IMPLIED
  birthdate CDATA #IMPLIED
  authentication_value CDATA #IMPLIED
  ecommerce_indicator CDATA #IMPLIED
  account_type CDATA #IMPLIED
  transaction_id CDATA #IMPLIED
  vendor_response CDATA #IMPLIED
  cid_response CDATA #IMPLIED
  avs_response CDATA #IMPLIED
  already_tokenized CDATA #IMPLIED
  cc_last_four CDATA #IMPLIED
  cc_bin CDATA #IMPLIED
  bank_sort CDATA #IMPLIED
  rib_code CDATA #IMPLIED
  merchant_ref_override CDATA #IMPLIED
>
<!ELEMENT ShipTos (ShipTo+)>
<!ELEMENT ShipTo (AdditionalCharges?, Ord_Msgs?, Items?)>
<!ATTLIST ShipTo
  arrival_date CDATA #IMPLIED
```

```

cancel_bo CDATA #IMPLIED
cancel_bo_date CDATA #IMPLIED
contact_name CDATA #IMPLIED
fedex_number CDATA #IMPLIED
freight CDATA #IMPLIED
shipping_method CDATA #IMPLIED
gift CDATA #IMPLIED
resale_exempt_id CDATA #IMPLIED
ship_complete CDATA #IMPLIED
priority CDATA #IMPLIED
calc_frt CDATA #IMPLIED
discount_pct CDATA #IMPLIED
customer_ship_to_number CDATA #IMPLIED
alternate_ship_to_id CDATA #IMPLIED
ship_to_type CDATA #IMPLIED
ship_to_prefix CDATA #IMPLIED
ship_to_fname CDATA #IMPLIED
ship_to_initial CDATA #IMPLIED
ship_to_lname CDATA #IMPLIED
ship_to_suffix CDATA #IMPLIED
ship_to_company CDATA #IMPLIED
ship_to_address1 CDATA #IMPLIED
ship_to_address2 CDATA #IMPLIED
ship_to_address3 CDATA #IMPLIED
ship_to_address4 CDATA #IMPLIED
ship_to_apartment CDATA #IMPLIED
ship_to_city CDATA #IMPLIED
ship_to_state CDATA #IMPLIED
ship_to_zip CDATA #IMPLIED
ship_to_country CDATA #IMPLIED
ship_to_email CDATA #IMPLIED
ship_to_busres CDATA #IMPLIED
ship_to_day_phone CDATA #IMPLIED
ship_to_evening_phone CDATA #IMPLIED
ship_to_fax_phone CDATA #IMPLIED
email_gc CDATA #IMPLIED
permanent_ship_to_number CDATA #IMPLIED
ship_to_warehouse CDATA #IMPLIED
ship_to_po_number CDATA #IMPLIED
gift_message CDATA #IMPLIED
add_chg_count CDATA #IMPLIED
promotion CDATA #IMPLIED
tax_area_id CDATA #IMPLIED
single_use_promo_code CDATA #IMPLIED
>
<!ELEMENT AdditionalCharges (AdditionalCharge+)>
<!ELEMENT AdditionalCharge EMPTY>
<!ATTLIST AdditionalCharge
  additional_charge_seq_nbr CDATA #IMPLIED
  additional_charge_code CDATA #IMPLIED
  additional_charge_amount CDATA #IMPLIED
>
<!ELEMENT Ord_Msgs (Ord_Msg+)>
<!ELEMENT Ord_Msg EMPTY>
<!ATTLIST Ord_Msg
  ord_msg_text CDATA #IMPLIED
  ord_msg_code CDATA #IMPLIED
>
<!ELEMENT Items (Item+)>
<!ELEMENT Item (Lin_Msgs?, personalization_lines?, CouponDetails?)>
<!ATTLIST Item

```

```

drop_ship CDATA #IMPLIED
no_charge CDATA #IMPLIED
affect_inventory CDATA #IMPLIED
line_arrival_date CDATA #IMPLIED
line_cancel_date CDATA #IMPLIED
cord_group CDATA #IMPLIED
actual_price CDATA #IMPLIED
prc_ovr_rsn CDATA #IMPLIED
quantity CDATA #IMPLIED
bypass_reserve CDATA #IMPLIED
tax_override CDATA #IMPLIED
tax_amount CDATA #IMPLIED
gst_amount CDATA #IMPLIED
pst_amount CDATA #IMPLIED
gift_wrap CDATA #IMPLIED
cost_override_amount CDATA #IMPLIED
line_priority CDATA #IMPLIED
line_freight_override CDATA #IMPLIED
line_freight_override_amt CDATA #IMPLIED
line_coupon_flag CDATA #IMPLIED
line_coupon_amount CDATA #IMPLIED
personalization_id CDATA #IMPLIED
personalization_cost CDATA #IMPLIED
gc_number CDATA #IMPLIED
alias_item CDATA #IMPLIED
item_id CDATA #IMPLIED
sku CDATA #IMPLIED
short_sku_number CDATA #IMPLIED
retail_ref_number CDATA #IMPLIED
upc_type CDATA #IMPLIED
upc_code CDATA #IMPLIED
line_offer CDATA #IMPLIED
line_source_code CDATA #IMPLIED
line_shipping_method CDATA #IMPLIED
line_warehouse CDATA #IMPLIED
location CDATA #IMPLIED
return_reason CDATA #IMPLIED
return_disposition CDATA #IMPLIED
price_override CDATA #IMPLIED
pickup_type CDATA #IMPLIED
pickup_system_location CDATA #IMPLIED
pickup_location CDATA #IMPLIED
line_entered_date CDATA #IMPLIED
line_entered_time CDATA #IMPLIED
sku_xref_nbr CDATA #IMPLIED
>
<!ELEMENT Lin_Msgs (Lin_Msg+)>
<!ELEMENT Lin_Msg EMPTY>
<!ATTLIST Lin_Msg
  lin_msg_code CDATA #IMPLIED
  lin_msg_text CDATA #IMPLIED
>
<!ELEMENT personalization_lines (personalization_line+)>
<!ELEMENT personalization_line EMPTY>
<!ATTLIST personalization_line
  personalization_seq_nbr CDATA #IMPLIED
  personalization_type CDATA #IMPLIED
  personalization_text CDATA #IMPLIED
  standard_text CDATA #IMPLIED
>
<!ELEMENT CouponDetails (CouponDetail?)*>

```

```

<!ELEMENT CouponDetail EMPTY>
<!ATTLIST CouponDetail
  coupon_detail_code CDATA #IMPLIED
>
<!ELEMENT Profiles (Profile?)*>
<!ELEMENT Profile EMPTY>
<!ATTLIST Profile
  profile_code CDATA #IMPLIED
  profile_value CDATA #IMPLIED
>
<!ELEMENT Coupons (Coupon?)*>
<!ELEMENT Coupon EMPTY>
<!ATTLIST Coupon
  coupon_code CDATA #IMPLIED
>>

```

Order API Response (CWORDEROUT)

```

<?xml version="1.0" encoding="UTF-8"?>
<!ELEMENT Message (Header?)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type (CWORDEROUT) #REQUIRED
>
<!ELEMENT Header (Payments?, ShipTos?)>
<!ATTLIST Header
  company_code CDATA #REQUIRED
  order_id CDATA #IMPLIED
  reference_order_number CDATA #IMPLIED
  customer_number CDATA #IMPLIED
  alternate_sold_to_id CDATA #IMPLIED
  bill_to_number CDATA #IMPLIED
  order_date CDATA #IMPLIED
  order_channel CDATA #IMPLIED
  bill_me_later_ind CDATA #IMPLIED
  order_status CDATA #IMPLIED
  order_type CDATA #IMPLIED
  order_type_description CDATA #IMPLIED
  b2b_order CDATA #IMPLIED
  store_restock_order CDATA #IMPLIED
  entered_date CDATA #IMPLIED
  entered_time CDATA #IMPLIED
  email_confirm_date CDATA #IMPLIED
  source_code CDATA #IMPLIED
  offer_id CDATA #IMPLIED
  sold_to_prefix CDATA #IMPLIED
  sold_to_fname CDATA #IMPLIED
  sold_to_initial CDATA #IMPLIED
  sold_to_lname CDATA #IMPLIED
  sold_to_suffix CDATA #IMPLIED
  sold_to_company CDATA #IMPLIED
  sold_to_busres CDATA #IMPLIED
  sold_to_address1 CDATA #IMPLIED
  sold_to_address2 CDATA #IMPLIED
  sold_to_address3 CDATA #IMPLIED
  sold_to_address4 CDATA #IMPLIED
  sold_to_apartment CDATA #IMPLIED
  sold_to_city CDATA #IMPLIED
  sold_to_state CDATA #IMPLIED

```

```

sold_to_state_description CDATA #IMPLIED
sold_to_zip CDATA #IMPLIED
sold_to_country CDATA #IMPLIED
sold_to_day_phone CDATA #IMPLIED
sold_to_eve_phone CDATA #IMPLIED
sold_to_fax_phone CDATA #IMPLIED
allow_rent CDATA #IMPLIED
allow_mail CDATA #IMPLIED
sold_to_opt_in CDATA #IMPLIED
ind_number CDATA #IMPLIED
bill_to_prefix CDATA #IMPLIED
bill_to_fname CDATA #IMPLIED
bill_to_initial CDATA #IMPLIED
bill_to_lname CDATA #IMPLIED
bill_to_suffix CDATA #IMPLIED
bill_to_company CDATA #IMPLIED
bill_to_busres CDATA #IMPLIED
bill_to_address1 CDATA #IMPLIED
bill_to_address2 CDATA #IMPLIED
bill_to_address3 CDATA #IMPLIED
bill_to_address4 CDATA #IMPLIED
bill_to_apartment CDATA #IMPLIED
bill_to_city CDATA #IMPLIED
bill_to_state CDATA #IMPLIED
bill_to_state_description CDATA #IMPLIED
bill_to_zip CDATA #IMPLIED
bill_to_country CDATA #IMPLIED
bill_to_day_phone CDATA #IMPLIED
bill_to_eve_phone CDATA #IMPLIED
bill_to_fax_phone CDATA #IMPLIED
pc_expiration_date CDATA #IMPLIED
pc_type CDATA #IMPLIED
pc_program_key CDATA #IMPLIED
>
<!ELEMENT Payments (Payment*)>
<!ELEMENT Payment EMPTY>
<!ATTLIST Payment
  payment_seq_number CDATA #IMPLIED
  pay_type CDATA #IMPLIED
  pay_type_desc CDATA #IMPLIED
  credit_card_nbr CDATA #IMPLIED
  credit_card_exp_dt CDATA #IMPLIED
  credit_card_auth_dt CDATA #IMPLIED
  credit_card_auth_nbr CDATA #IMPLIED
  check_nbr CDATA #IMPLIED
  gift_cert_nbr CDATA #IMPLIED
  amt_to_chg CDATA #IMPLIED
  start_date CDATA #IMPLIED
  card_issue_nbr CDATA #IMPLIED
>
<!ELEMENT ShipTos (ShipTo+)>
<!ELEMENT ShipTo (Details, Errors?, Promotions?, Ord_Msgs?)>
<!ATTLIST ShipTo
  ship_to_number CDATA #IMPLIED
  sub_total CDATA #IMPLIED
  discount_total CDATA #IMPLIED
  shipping CDATA #IMPLIED
  shipping_override CDATA #IMPLIED
  additional_shipping CDATA #IMPLIED
  tax CDATA #IMPLIED
  additional_charges CDATA #IMPLIED

```

```
handling CDATA #IMPLIED
order_total CDATA #IMPLIED
gst CDATA #IMPLIED
pst CDATA #IMPLIED
ship_to_status CDATA #IMPLIED
gift_order CDATA #IMPLIED
purchase_order_nbr CDATA #IMPLIED
discount_pct CDATA #IMPLIED
ship_via_code CDATA #IMPLIED
ship_via_description CDATA #IMPLIED
customer_number CDATA #IMPLIED
permanent_ship_to_number CDATA #IMPLIED
ship_to_prefix CDATA #IMPLIED
ship_to_fname CDATA #IMPLIED
ship_to_initial CDATA #IMPLIED
ship_to_lname CDATA #IMPLIED
ship_to_suffix CDATA #IMPLIED
ship_to_company CDATA #IMPLIED
ship_to_busres CDATA #IMPLIED
ship_to_address1 CDATA #IMPLIED
ship_to_address2 CDATA #IMPLIED
ship_to_address3 CDATA #IMPLIED
ship_to_address4 CDATA #IMPLIED
ship_to_apartment CDATA #IMPLIED
ship_to_city CDATA #IMPLIED
ship_to_state CDATA #IMPLIED
ship_to_state_description CDATA #IMPLIED
ship_to_zip CDATA #IMPLIED
ship_to_country CDATA #IMPLIED
>
<!ELEMENT Details (Detail+)>
<!ELEMENT Detail (Shipments?)>
<!ATTLIST Detail
  line_seq_number CDATA #IMPLIED
  short_sku_number CDATA #IMPLIED
  retail_ref_number CDATA #IMPLIED
  status CDATA #IMPLIED
  alias_item CDATA #IMPLIED
  item_id CDATA #IMPLIED
  item_description CDATA #IMPLIED
  sku CDATA #IMPLIED
  sku_description CDATA #IMPLIED
  actual_price CDATA #IMPLIED
  offer_price CDATA #IMPLIED
  original_retail_price CDATA #IMPLIED
  drop_ship CDATA #IMPLIED
  detail_ship_via CDATA #IMPLIED
  pickup_type CDATA #IMPLIED
  pickup_system_location CDATA #IMPLIED
  pickup_location CDATA #IMPLIED
  order_quantity CDATA #IMPLIED
  cancel_quantity CDATA #IMPLIED
  sold_out_quantity CDATA #IMPLIED
  ship_quantity CDATA #IMPLIED
  return_quantity CDATA #IMPLIED
  expected_ship_date CDATA #IMPLIED
  last_ship_date CDATA #IMPLIED
  reserved_warehouse CDATA #IMPLIED
  reserve_quantity CDATA #IMPLIED
  tax CDATA #IMPLIED
  pst_tax CDATA #IMPLIED
```

```

    gst_tax CDATA #IMPLIED
    set_main_item CDATA #IMPLIED
    set_component_item CDATA #IMPLIED
    set_seq_number CDATA #IMPLIED
    gift_wrap CDATA #IMPLIED
  >
<!ELEMENT Shipments (Shipment+)>
<!ELEMENT Shipment EMPTY>
<!ATTLIST Shipment
  invoice_nbr CDATA #IMPLIED
  invoice_ship_quantity CDATA #IMPLIED
  invoice_ship_date CDATA #IMPLIED
  invoice_tracking_nbr CDATA #IMPLIED
  invoice_ship_via_code CDATA #IMPLIED
  invoice_ship_via_desc CDATA #IMPLIED
  >
<!ELEMENT Errors (Error?)*>
<!ELEMENT Error EMPTY>
<!ATTLIST Error
  error_type CDATA #IMPLIED
  error_code CDATA #IMPLIED
  error_ship_to CDATA #IMPLIED
  error_odt_seq CDATA #IMPLIED
  error_text CDATA #IMPLIED
  >
<!ELEMENT Promotions (Promotion+)>
<!ELEMENT Promotion EMPTY>
<!ATTLIST Promotion
  promotion_type_code CDATA #IMPLIED
  promotion_type_code_desc CDATA #IMPLIED
  promotion_original_freight_amt CDATA #IMPLIED
  promotion_freight_amt CDATA #IMPLIED
  promotion_addl_charge_code CDATA #IMPLIED
  promotion_addl_charge_code_desc CDATA #IMPLIED
  promotion_addl_charge_amt CDATA #IMPLIED
  original_shipping_method CDATA #IMPLIED
  original_shipping_method_desc CDATA #IMPLIED
  promotion_shipping_method CDATA #IMPLIED
  promotion_shipping_method_desc CDATA #IMPLIED
  promotion_item_id CDATA #IMPLIED
  promotion_item_desc CDATA #IMPLIED
  promotion_sku CDATA #IMPLIED
  promotion_sku_desc CDATA #IMPLIED
  promotion_offer_price CDATA #IMPLIED
  promotion_price CDATA #IMPLIED
  promotion_line_seq_nbr CDATA #IMPLIED
  >
<!ELEMENT Ord_Msgs (Ord_Msg+)>
<!ELEMENT Ord_Msg EMPTY>
<!ATTLIST Ord_Msg
  ord_msg_code CDATA #IMPLIED
  ord_msg_text CDATA #IMPLIED
  >

```

E-Commerce New Order DTD (CWCreateOrder)

```

<?xml version="1.0" encoding="UTF-8"?>
<!ELEMENT Message (Header, ShipTos+, Payments?)>
<!ATTLIST Message
  source CDATA #REQUIRED

```

```
target CDATA #REQUIRED
type NMTOKEN #REQUIRED
resp_qmgr CDATA #IMPLIED
resp_q CDATA #IMPLIED
>
<!ELEMENT Header (CustOwnerships?, UserFields?)>
<!ATTLIST Header
  company_code CDATA #REQUIRED
  order_number CDATA #IMPLIED
  offer_id CDATA #IMPLIED
  source_code CDATA #REQUIRED
  bill_to_prefix CDATA #IMPLIED
  bill_to_fname CDATA #IMPLIED
  bill_to_initial CDATA #IMPLIED
  bill_to_lname CDATA #IMPLIED
  bill_to_suffix CDATA #IMPLIED
  bill_to_company CDATA #IMPLIED
  bill_to_busres CDATA #IMPLIED
  bill_to_address1 CDATA #IMPLIED
  bill_to_address2 CDATA #IMPLIED
  bill_to_address3 CDATA #IMPLIED
  bill_to_address4 CDATA #IMPLIED
  bill_to_apartment CDATA #IMPLIED
  bill_to_city CDATA #IMPLIED
  bill_to_state CDATA #IMPLIED
  bill_to_country CDATA #IMPLIED
  bill_to_zip CDATA #IMPLIED
  bill_to_email CDATA #IMPLIED
  bill_to_day_phone CDATA #IMPLIED
  bill_to_evening_phone CDATA #IMPLIED
  bill_to_fax_phone CDATA #IMPLIED
  bill_to_opt_in CDATA #IMPLIED
  allow_rent CDATA #IMPLIED
  allow_email CDATA #IMPLIED
  allow_mail CDATA #IMPLIED
  customer_number CDATA #IMPLIED
  nbr_ship_tos CDATA #IMPLIED
  pay_incl CDATA #IMPLIED
  ind_number CDATA #IMPLIED
  ind_dept CDATA #IMPLIED
  ind_position CDATA #IMPLIED
  ind_prefix CDATA #IMPLIED
  ind_fname CDATA #IMPLIED
  ind_initial CDATA #IMPLIED
  ind_lname CDATA #IMPLIED
  ind_suffix CDATA #IMPLIED
  ind_day_phone CDATA #IMPLIED
  ind_eve_phone CDATA #IMPLIED
  ind_fax_phone CDATA #IMPLIED
  ind_email_address CDATA #IMPLIED
  ind_opt_in CDATA #IMPLIED
  ind_mail_flag CDATA #IMPLIED
  ind_rent_flag CDATA #IMPLIED
  ar_number CDATA #IMPLIED
  ar_prefix CDATA #IMPLIED
  ar_fname CDATA #IMPLIED
  ar_initial CDATA #IMPLIED
  ar_lname CDATA #IMPLIED
  ar_suffix CDATA #IMPLIED
  ar_company_name CDATA #IMPLIED
  ar_street_address CDATA #IMPLIED
```

```

ar_address_2 CDATA #IMPLIED
ar_address_3 CDATA #IMPLIED
ar_address_4 CDATA #IMPLIED
ar_apt CDATA #IMPLIED
ar_city CDATA #IMPLIED
ar_state CDATA #IMPLIED
ar_country CDATA #IMPLIED
ar_zip CDATA #IMPLIED
ar_day_phone CDATA #IMPLIED
ar_eve_phone CDATA #IMPLIED
ar_fax_phone CDATA #IMPLIED
ar_email_address CDATA #IMPLIED
ar_opt_in CDATA #IMPLIED
ar_print_statement CDATA #IMPLIED
ip_addr CDATA #IMPLIED
>
<!ELEMENT ShipTos (ShipTo)>
<!ELEMENT Payments (Payment+)>
<!ELEMENT CustOwnerships (CustOwnership)+>
<!ELEMENT UserFields (UserField+)>
<!ELEMENT ShipTo (Ord_Msgs?, Items)>
<!ATTLIST ShipTo
  shipping_method CDATA #REQUIRED
  gift CDATA #IMPLIED
  gift_message CDATA #IMPLIED
  arrival_date CDATA #IMPLIED
  freight CDATA #IMPLIED
  ship_complete CDATA #IMPLIED
  ship_to_type CDATA #IMPLIED
  ship_to_prefix CDATA #IMPLIED
  ship_to_fname CDATA #IMPLIED
  ship_to_initial CDATA #IMPLIED
  ship_to_lname CDATA #IMPLIED
  ship_to_suffix CDATA #IMPLIED
  ship_to_company CDATA #IMPLIED
  ship_to_busres CDATA #IMPLIED
  ship_to_address1 CDATA #IMPLIED
  ship_to_address2 CDATA #IMPLIED
  ship_to_address3 CDATA #IMPLIED
  ship_to_address4 CDATA #IMPLIED
  ship_to_apartment CDATA #IMPLIED
  ship_to_city CDATA #IMPLIED
  ship_to_state CDATA #IMPLIED
  ship_to_zip CDATA #IMPLIED
  ship_to_country CDATA #IMPLIED
  ship_to_email CDATA #IMPLIED
  ship_to_day_phone CDATA #IMPLIED
  ship_to_evening_phone CDATA #IMPLIED
  ship_to_fax_phone CDATA #IMPLIED
  email_gc CDATA #IMPLIED
  ship_to_po_number CDATA #IMPLIED
  promotion CDATA #IMPLIED
  tax_area_id CDATA #IMPLIED
>
<!ELEMENT Payment EMPTY>
<!ATTLIST Payment
  cc_name CDATA #IMPLIED
  cc_type CDATA #IMPLIED
  cc_number CDATA #IMPLIED
  cc_exp_month CDATA #IMPLIED
  cc_exp_year CDATA #IMPLIED

```

```

cc_sec_value CDATA #IMPLIED
cc_sec_presence CDATA #IMPLIED
auth_number CDATA #IMPLIED
auth_date CDATA #IMPLIED
auth_amount CDATA #IMPLIED
amt_to_charge CDATA #IMPLIED
gc_type CDATA #IMPLIED
gift_certificate_number CDATA #IMPLIED
gift_certificate_amount CDATA #IMPLIED
expiration_date CDATA #IMPLIED
hold_id CDATA #IMPLIED
ar_type CDATA #IMPLIED
po_number CDATA #IMPLIED
start_date CDATA #IMPLIED
card_issue_nbr CDATA #IMPLIED
bml_version CDATA #IMPLIED
soc_sec_nbr CDATA #IMPLIED
birthdate CDATA #IMPLIED
check_type CDATA #IMPLIED
check_number CDATA #IMPLIED
check_amount CDATA #IMPLIED
checking_account CDATA #IMPLIED
routing_number CDATA #IMPLIED
cash_control_number CDATA #IMPLIED
pin_id CDATA #IMPLIED
authentication_value CDATA #IMPLIED
ecommerce_indicator CDATA #IMPLIED
>
<!ELEMENT CustOwnership EMPTY>
<!ATTLIST CustOwnership
  cust_own_ID CDATA #IMPLIED
  cust_own_desc CDATA #IMPLIED
  cust_own_active CDATA #IMPLIED
  cust_own_entry_date CDATA #IMPLIED
  cust_own_confirm_date CDATA #IMPLIED
>
<!ELEMENT UserField EMPTY>
<!ATTLIST UserField
  usr_fld_dtl_seq_number CDATA #IMPLIED
  usr_fld_label CDATA #IMPLIED
  usr_fld_data CDATA #IMPLIED
>
<!ELEMENT Ord_Msgs (Ord_Msg+)>
<!ELEMENT Items (Item+)>
<!ELEMENT Ord_Msg EMPTY>
<!ATTLIST Ord_Msg
  ord_msg_code CDATA #IMPLIED
  ord_msg_text CDATA #REQUIRED
>
<!ELEMENT Item (personalization_lines?, Lin_Msgs?)>
<!ATTLIST Item
  item_id CDATA #REQUIRED
  sku CDATA #REQUIRED
  quantity CDATA #REQUIRED
  list_price CDATA #IMPLIED
  price_override CDATA #IMPLIED
  gift_wrap CDATA #IMPLIED
  cord_group CDATA #IMPLIED
  personalization_id CDATA #IMPLIED
  personalization_cost CDATA #IMPLIED
  gc_number CDATA #IMPLIED

```

```

no_charge CDATA #IMPLIED
prc_ovr_rsn CDATA #IMPLIED
pickup_type CDATA #IMPLIED
pickup_system_location CDATA #IMPLIED
pickup_location CDATA #IMPLIED
line_offer CDATA #IMPLIED
>
<!ELEMENT personalization_lines (personalization_line+)>
<!ELEMENT Lin_Msgs (Lin_Msg+)>
<!ELEMENT personalization_line EMPTY>
<!ATTLIST personalization_line
  personalization_seq_nbr CDATA #IMPLIED
  personalization_type CDATA #IMPLIED
  standard_text CDATA #IMPLIED
  personalization_text CDATA #IMPLIED
>
<!ELEMENT Lin_Msg EMPTY>
<!ATTLIST Lin_Msg
  lin_msg_code CDATA #IMPLIED
  lin_msg_text CDATA #REQUIRED
>

```

E-Commerce Payment DTD (CWPayment)

```

<!ELEMENT Message (Payments)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
  resp_qmgr CDATA #IMPLIED
  resp_q CDATA #IMPLIED
<!ELEMENT Payments (Payment+)>
<!ELEMENT Payment EMPTY>
<!ATTLIST Payment
  company_code CDATA #IMPLIED
  order_id CDATA #IMPLIED
  order_number CDATA #IMPLIED
  cc_name CDATA #IMPLIED
  cc_type CDATA #IMPLIED
  cc_number CDATA #IMPLIED
  cc_exp_month CDATA #IMPLIED
  cc_exp_year CDATA #IMPLIED
  cc_sec_value CDATA #IMPLIED
  cc_sec_presence CDATA #IMPLIED
  auth_number CDATA #IMPLIED
  auth_date CDATA #IMPLIED
  auth_amount CDATA #IMPLIED
  amt_to_charge CDATA #IMPLIED
  gc_type CDATA #IMPLIED
  gift_certificate_number CDATA #IMPLIED
  gift_certificate_amount CDATA #IMPLIED
  expiration_date CDATA #IMPLIED
  hold_id CDATA #IMPLIED
  ar_type CDATA #IMPLIED
  po_number CDATA #IMPLIED
  start_date CDATA #IMPLIED
  card_issue_nbr CDATA #IMPLIED
  soc_sec_nbr CDATA #IMPLIED
  bml_version CDATA #IMPLIED
  birthdate CDATA #IMPLIED

```

```

check_type CDATA #IMPLIED
check_number CDATA #IMPLIED
check_amount CDATA #IMPLIED
checking_account CDATA #IMPLIED
routing_number CDATA #IMPLIED
cash_control_number CDATA #IMPLIED
pin_id CDATA #IMPLIED
authentication_value CDATA #IMPLIED
ecommerce_indicator CDATA #IMPLIED

```

E-Commerce New Order Response DTD (CWOrderResponse)

```

<!ELEMENT Message (Header, Details, Promotions)>
<!ATTLIST Message
  source CDATA #IMPLIED
  target CDATA #IMPLIED
  type NMTOKEN #IMPLIED
<!ELEMENT Header EMPTY>
<!ATTLIST Header
  company_code CDATA #IMPLIED
  order_id CDATA #IMPLIED
  offer_id CDATA #IMPLIED
  order_number CDATA #IMPLIED
  bill_me_later_ind CDATA #IMPLIED
  sub_total CDATA #IMPLIED
  discount_total CDATA #IMPLIED
  shipping CDATA #IMPLIED
  additional_shipping CDATA #IMPLIED
  tax CDATA #IMPLIED
  additional_charges CDATA #IMPLIED
  handling CDATA #IMPLIED
  order_total CDATA #IMPLIED
  gst CDATA #IMPLIED
  pst CDATA #IMPLIED
  customer_number CDATA #IMPLIED
  ind_number CDATA #IMPLIED
  ar_number CDATA #IMPLIED
  free_giftr CDATA #IMPLIED
<!ELEMENT Details (Detail+)>
<!ELEMENT Promotions (Promotion+)>
<!ELEMENT Detail EMPTY>
<!ATTLIST Detail
  ship_to_number CDATA #IMPLIED
  sku CDATA #IMPLIED
  item_id CDATA #IMPLIED
  pickup_type CDATA #IMPLIED
  pickup_system_location CDATA #IMPLIED
  pickup_location CDATA #IMPLIED
  list_price CDATA #IMPLIED
  status CDATA #IMPLIED
  expected_ship_date CDATA #IMPLIED
  reserved_warehouse CDATA #IMPLIED
  reserved_quantity CDATA #IMPLIED
<!ELEMENT Promotion EMPTY>
<!ATTLIST Promotion
  promotion_ship_to_number CDATA #IMPLIED
  promotion_type_code CDATA #IMPLIED
  promotion_type_code_desc CDATA #IMPLIED
  promotion_original_freight_amt CDATA #IMPLIED
  promotion_freight_amt CDATA #IMPLIED

```

```

promotion_addl_charge_code CDATA #IMPLIED
promotion_addl_charge_code_desc CDATA #IMPLIED
promotion_addl_charge_amt CDATA #IMPLIED
original_shipping_method CDATA #IMPLIED
original_shipping_method_desc CDATA #IMPLIED
promotion_shipping_method CDATA #IMPLIED
promotion_shipping_method_desc CDATA #IMPLIED
promotion_item_id CDATA #IMPLIED
promotion_item_desc CDATA #IMPLIED
promotion_sku CDATA #IMPLIED
promotion_sku_desc CDATA #IMPLIED
promotion_offer_price CDATA #IMPLIED
promotion_price CDATA #IMPLIED
promotion_line_seq_nbr CDATA #IMPLIED

```

E-Commerce Cancel Request DTD (CWCcancel)

```

<!ELEMENT Message (Cancel, Lines?)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
<!ELEMENT Cancel EMPTY>
<!ATTLIST Cancel
  company_code CDATA #REQUIRED
  order_id CDATA #REQUIRED
  ship_to CDATA #REQUIRED
  cancel_type NMTOKEN #REQUIRED
  order_reason CDATA #IMPLIED
<!ELEMENT Lines (Line+)>
<!ELEMENT Line EMPTY>
<!ATTLIST Line
  line_number CDATA #REQUIRED
  qty CDATA #REQUIRED
  reason CDATA #REQUIRED

```

E-Commerce Maintenance Request DTD (CWMaintenance)

```

<!ELEMENT Message (Header, Lines*)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
<!ELEMENT Header EMPTY>
<!ATTLIST Header
  company_code CDATA #REQUIRED
  order_id CDATA #REQUIRED
  ship_to CDATA #REQUIRED
  maint_type NMTOKEN #REQUIRED
  shipping_method CDATA #IMPLIED
  gift CDATA #IMPLIED
  gift_message CDATA #IMPLIED
  ship_to_fname CDATA #IMPLIED
  ship_to_initial CDATA #IMPLIED
  ship_to_lname CDATA #IMPLIED
  ship_to_company CDATA #IMPLIED
  ship_to_address1 CDATA #IMPLIED
  ship_to_address2 CDATA #IMPLIED
  ship_to_address3 CDATA #IMPLIED
  ship_to_address4 CDATA #IMPLIED

```

```

    ship_to_apartment CDATA #IMPLIED
    ship_to_city CDATA #IMPLIED
    ship_to_state CDATA #IMPLIED
    ship_to_zip CDATA #IMPLIED
    ship_to_country CDATA #IMPLIED
    ship_to_email CDATA #IMPLIED
<!ELEMENT Lines (Line+)>
<!ELEMENT Line (personalization_lines?)>
<!ATTLIST Line
  line_nbr CDATA #REQUIRED
  item_id CDATA #REQUIRED
  sku CDATA #REQUIRED
  quantity CDATA #REQUIRED
  list_price CDATA #IMPLIED
  price_override CDATA #IMPLIED
  gift_wrap CDATA #IMPLIED
  personalization_id CDATA #IMPLIED
  personalization_cost CDATA #IMPLIED
<!ELEMENT personalization_lines (personalization_line+)>
<!ELEMENT personalization_line EMPTY>
<!ATTLIST personalization_line
  personalization_text CDATA #IMPLIED

```

E-Commerce Maintenance Response DTD (CWMaintResp)

```

<!ELEMENT Message (Header, Lines)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
<!ELEMENT Header EMPTY>
<!ATTLIST Header
  company_code CDATA #REQUIRED
  order_id CDATA #REQUIRED
  ship_to CDATA #REQUIRED
  ship_via CDATA #REQUIRED
  ship_to_fname CDATA #REQUIRED
  ship_to_initial CDATA #REQUIRED
  ship_to_lname CDATA #REQUIRED
  ship_to_company CDATA #IMPLIED
  ship_to_address1 CDATA #REQUIRED
  ship_to_address2 CDATA #IMPLIED
  ship_to_address3 CDATA #IMPLIED
  ship_to_address4 CDATA #IMPLIED
  ship_to_apartment CDATA #IMPLIED
  ship_to_city CDATA #REQUIRED
  ship_to_state CDATA #IMPLIED
  ship_to_zip CDATA #IMPLIED
  ship_to_country CDATA #REQUIRED
  ship_to_email CDATA #IMPLIED
  gift CDATA #IMPLIED
  gift_message CDATA #IMPLIED
<!ELEMENT Lines (Line+)>
<!ELEMENT Line (personalization_text*)>
<!ATTLIST Line
  sku CDATA #REQUIRED
  item_id CDATA #REQUIRED
  line_nbr CDATA #REQUIRED
  quantity CDATA #REQUIRED
  qty_open CDATA #REQUIRED

```

```

    gift_wrap CDATA #REQUIRED
    price CDATA #REQUIRED
    personalization_id CDATA #IMPLIED
    personalization_cost CDATA #IMPLIED
<!ELEMENT personalization_text (#PCDATA)>

```

E-Commerce Name/Address Change DTD (CWAddressChg)

```

<!ELEMENT Message (AddressChg)>
<!ATTLIST Message
    source CDATA #REQUIRED
    target CDATA #REQUIRED
    type NMTOKEN #REQUIRED
<!ELEMENT AddressChg (CustOwnerships?)?>
<!ATTLIST AddressChg
    company_code CDATA #REQUIRED
    customer_number CDATA #REQUIRED
    processing_type CDATA #IMPLIED
    new_prefix CDATA #IMPLIED
    new_fname CDATA #IMPLIED
    new_initial CDATA #IMPLIED
    new_lname CDATA #IMPLIED
    new_suffix CDATA #IMPLIED
    new_company CDATA #IMPLIED
    new_busres CDATA #IMPLIED
    new_address1 CDATA #IMPLIED
    new_address2 CDATA #IMPLIED
    new_address3 CDATA #IMPLIED
    new_address4 CDATA #IMPLIED
    new_apartment CDATA #IMPLIED
    new_city CDATA #IMPLIED
    new_state CDATA #IMPLIED
    new_zip CDATA #IMPLIED
    new_country CDATA #IMPLIED
    new_email CDATA #IMPLIED
    new_day_phone CDATA #IMPLIED
    new_eve_phone CDATA #IMPLIED
    new_fax_phone CDATA #IMPLIED
    allow_rent CDATA #IMPLIED
    allow_email CDATA #IMPLIED
    allow_mail CDATA #IMPLIED
    new_opt_in CDATA #IMPLIED
    new_user_field_1 CDATA #IMPLIED
    new_user_field_2 CDATA #IMPLIED
    new_user_field_3 CDATA #IMPLIED
    new_user_field_4 CDATA #IMPLIED
    ind_number CDATA #IMPLIED
    ind_dept CDATA #IMPLIED
    ind_position CDATA #IMPLIED
    ind_prefix CDATA #IMPLIED
    ind_fname CDATA #IMPLIED
    ind_initial CDATA #IMPLIED
    ind_lname CDATA #IMPLIED
    ind_suffix CDATA #IMPLIED
    ind_day_phone CDATA #IMPLIED
    ind_eve_phone CDATA #IMPLIED
    ind_fax_phone CDATA #IMPLIED
    ind_email_address CDATA #IMPLIED
    ind_opt_in CDATA #IMPLIED
    ind_mail_flag CDATA #IMPLIED

```

```

ind_rent_flag CDATA #IMPLIED
ind_user_field_1 CDATA #IMPLIED
ind_user_field_2 CDATA #IMPLIED
ind_user_field_3 CDATA #IMPLIED
ind_user_field_4 CDATA #IMPLIED
ar_number CDATA #IMPLIED
ar_prefix CDATA #IMPLIED
ar_fname CDATA #IMPLIED
ar_initial CDATA #IMPLIED
ar_lname CDATA #IMPLIED
ar_suffix CDATA #IMPLIED
ar_company_name CDATA #IMPLIED
ar_street_address CDATA #IMPLIED
ar_address_2 CDATA #IMPLIED
ar_address_3 CDATA #IMPLIED
ar_address_4 CDATA #IMPLIED
ar_apt CDATA #IMPLIED
ar_city CDATA #IMPLIED
ar_state CDATA #IMPLIED
ar_country CDATA #IMPLIED
ar_zip CDATA #IMPLIED
ar_day_phone CDATA #IMPLIED
ar_eve_phone CDATA #IMPLIED
ar_fax_phone CDATA #IMPLIED
ar_email_address CDATA #IMPLIED
ar_opt_in CDATA #IMPLIED
ar_print_statement CDATA #IMPLIED
<!ELEMENT CustOwnerships (CustOwnership)+>
<!ELEMENT CustOwnership EMPTY>
<!ATTLIST CustOwnership
  cust_own_ID CDATA #IMPLIED
  cust_own_desc CDATA #IMPLIED
  cust_own_active CDATA #IMPLIED
  cust_own_entry_date CDATA #IMPLIED
  cust_own_confirm_date CDATA #IMPLIED

```

E-Commerce Name/Address Change Response DTD (CWCchgResponse)

```

<!ELEMENT Message (CWCchgResponse)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
<!ELEMENT CWCchgResponse EMPTY>
<!ATTLIST CWCchgResponse
  company_code CDATA #REQUIRED
  customer_number CDATA #REQUIRED
  response_type CDATA #IMPLIED
  bill_me_later_ind CDATA #IMPLIED

```

E-Commerce Catalog Request DTD (CWCatRequest)

```

<!ELEMENT Message (CatRequest)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
<!ELEMENT CatRequest (CustOwnerships?)?>
<!ATTLIST CatRequest
  company_code CDATA #REQUIRED

```

```

response_required CDATA #IMPLIED
offer_id CDATA #IMPLIED
source_code CDATA #IMPLIED
bill_to_prefix CDATA #IMPLIED
bill_to_fname CDATA #IMPLIED
bill_to_initial CDATA #IMPLIED
bill_to_lname CDATA #IMPLIED
bill_to_suffix CDATA #IMPLIED
bill_to_company CDATA #IMPLIED
bill_to_busres CDATA #IMPLIED
bill_to_address1 CDATA #IMPLIED
bill_to_address2 CDATA #IMPLIED
bill_to_address3 CDATA #IMPLIED
bill_to_address4 CDATA #IMPLIED
bill_to_apartment CDATA #IMPLIED
bill_to_city CDATA #IMPLIED
bill_to_state CDATA #IMPLIED
bill_to_country CDATA #IMPLIED
bill_to_zip CDATA #IMPLIED
bill_to_email CDATA #IMPLIED
allow_rent CDATA #IMPLIED
allow_email CDATA #IMPLIED
allow_mail CDATA #IMPLIED
bill_to_day_phone CDATA #IMPLIED
bill_to_evening_phone CDATA #IMPLIED
bill_to_fax_phone CDATA #IMPLIED
bill_to_opt_in CDATA #IMPLIED
indiv_prefix CDATA #IMPLIED
indiv_fname CDATA #IMPLIED
indiv_lname CDATA #IMPLIED
indiv_initial CDATA #IMPLIED
indiv_suffix CDATA #IMPLIED
indiv_day_phone CDATA #IMPLIED
indiv_eve_phone CDATA #IMPLIED
indiv_fax_phone CDATA #IMPLIED
indiv_email CDATA #IMPLIED
indiv_mailstop CDATA #IMPLIED
indiv_position CDATA #IMPLIED
indiv_department CDATA #IMPLIED
indiv_opt_in CDATA #IMPLIED
<!ELEMENT CustOwnerships (CustOwnership)+>
<!ELEMENT CustOwnership EMPTY>
<!ATTLIST CustOwnership
  cust_own_ID CDATA #IMPLIED
  cust_own_desc CDATA #IMPLIED
  cust_own_active CDATA #IMPLIED
  cust_own_entry_date CDATA #IMPLIED
  cust_own_confirm_date CDATA #IMPLIED

```

E-Commerce Catalog Request Response DTD (CWCatreqResponse)

```

<!ELEMENT Message (CWCatreqResponse)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
<!ELEMENT CWCatreqResponse EMPTY>
<!ATTLIST CWCatreqResponse
  company_code CDATA #REQUIRED
  customer_number CDATA #IMPLIED

```

```
individual_number CDATA #IMPLIED
```

E-Commerce Order List DTD (CWOrderList)

```
<!ELEMENT Message (OrderList)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
  resp_qmgr CDATA #IMPLIED
  resp_q CDATA #IMPLIED
<!ELEMENT OrderList EMPTY>
<!ATTLIST OrderList
  company_code CDATA #REQUIRED
  customer_number CDATA #REQUIRED
  ind_number CDATA #IMPLIED
  start_date CDATA #IMPLIED
```

E-Commerce Order List Response DTD (CWListResponse)

```
<!ELEMENT Message (Header, Orders?)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
<!ELEMENT Header EMPTY>
<!ATTLIST Header
  company_code CDATA #REQUIRED
  customer_number CDATA #REQUIRED
  ind_number CDATA #IMPLIED
  start_date CDATA #IMPLIED
<!ELEMENT Orders (Order+)>
<!ELEMENT Order EMPTY>
<!ATTLIST Order
  order_number CDATA #REQUIRED
  order_date CDATA #REQUIRED
```

E-Commerce Order Status DTD (CWOrderStatus)

```
<!ELEMENT Message (OrderStatus)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
  resp_qmgr CDATA #IMPLIED
  resp_q CDATA #IMPLIED
<!ELEMENT OrderStatus EMPTY>
<!ATTLIST OrderStatus
  company_code CDATA #REQUIRED
  order_id CDATA #REQUIRED
  bill_to_lname CDATA #IMPLIED
  ind_lname CDATA #IMPLIED
  company_name CDATA #IMPLIED
  ship_to_details CDATA #IMPLIED
```

E-Commerce Order Status Response DTD (CWStatusResponse)

```
<!ELEMENT Message (Header, ShipTos*)>
<!ATTLIST Message
```

```

    source CDATA #REQUIRED
    target CDATA #REQUIRED
    type NMTOKEN #REQUIRED
<!ELEMENT Header EMPTY>
<!ATTLIST Header
    company_code CDATA #REQUIRED
    offer_id CDATA #IMPLIED
    order_id CDATA #REQUIRED
    response_type CDATA #IMPLIED
    date_placed CDATA #IMPLIED
<!ELEMENT ShipTos (ShipTo+)>
<!ELEMENT ShipTo (Invoices*, Items+)>
<!ATTLIST ShipTo
    ship_to_number CDATA #REQUIRED
    ship_to_fname CDATA #IMPLIED
    ship_to_lname CDATA #IMPLIED
    allow_maint CDATA #IMPLIED
<!ELEMENT Invoices (Invoice+)>
<!ELEMENT Items (Item+)>
<!ELEMENT Invoice EMPTY>
<!ATTLIST Invoice
    date_shipped CDATA #REQUIRED
    tracking_id CDATA #IMPLIED
    ship_via CDATA #REQUIRED
<!ELEMENT Item EMPTY>
<!ATTLIST Item
    sku CDATA #REQUIRED
    item_id CDATA #REQUIRED
    line_nbr CDATA #REQUIRED
    description CDATA #IMPLIED
    sku_description1 CDATA #IMPLIED
    sku_description2 CDATA #IMPLIED
    sku_description3 CDATA #IMPLIED
    quantity CDATA #IMPLIED
    list_price CDATA #IMPLIED
    status CDATA #IMPLIED
    rtn_qty CDATA #IMPLIED
    cancel_qty CDATA #IMPLIED

```

E-Commerce Return Request DTD (CWReturn)

```

<!ELEMENT Message (Return, Lines)>
<!ATTLIST Message
    source CDATA #REQUIRED
    target CDATA #REQUIRED
    type NMTOKEN #REQUIRED
    resp_qmgr CDATA #IMPLIED
    resp_q CDATA #IMPLIED
<!ELEMENT Return EMPTY>
<!ATTLIST Return
    company_code CDATA #REQUIRED
    order_id CDATA #REQUIRED
    ship_to CDATA #REQUIRED
<!ELEMENT Lines (Line+)>
<!ELEMENT Line EMPTY>
<!ATTLIST Line
    line_number CDATA #REQUIRED
    qty CDATA #REQUIRED
    reason CDATA #REQUIRED

```

E-Commerce Return Response DTD (CWReturnResponse)

```

<!ELEMENT Message (ReturnResponse)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
<!ELEMENT ReturnResponse EMPTY>
<!ATTLIST ReturnResponse
  company_code CDATA #REQUIRED
  order_id CDATA #REQUIRED
  ship_to CDATA #REQUIRED
  ra_number CDATA #REQUIRED
  total_weight CDATA #IMPLIED
  date_entered CDATA #IMPLIED
  name CDATA #IMPLIED
  address CDATA #IMPLIED
  address2 CDATA #IMPLIED
  city CDATA #IMPLIED
  state CDATA #IMPLIED
  zip CDATA #IMPLIED
  country CDATA #IMPLIED
  phone_number CDATA #IMPLIED

```

E-Commerce Item Availability Request DTD (CWItemAvail)

```

<!ELEMENT Message (Items)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
<!ELEMENT Items (Item+)>
<!ELEMENT Item EMPTY>
<!ATTLIST Item
  company_code CDATA #REQUIRED
  item_id CDATA #REQUIRED
  sku CDATA #REQUIRED

```

E-Commerce Item Availability Response DTD (CWAvailResponse)

```

<!ELEMENT Message (Items)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
<!ELEMENT Items (Item+)>
<!ELEMENT Item EMPTY>
<!ATTLIST Item
  company_code CDATA #REQUIRED
  item_id CDATA #REQUIRED
  sku CDATA #IMPLIED
  qty_available CDATA #REQUIRED
  date_expected CDATA #IMPLIED
  default_delivery_date NMTOKEN #REQUIRED

```

E-Commerce Promotional Request DTD (CWPromotionalRequest)

```

<!ELEMENT Message (Header)>
<!ATTLIST Message

```

```

    source CDATA #IMPLIED
    target CDATA #IMPLIED
    type NMTOKEN #IMPLIED
<!ELEMENT Header (PromotionalItems)>
<!ATTLIST Header
    company_code CDATA #IMPLIED
    external_reference_nbr CDATA #IMPLIED
    source_code CDATA #IMPLIED
    offer_id CDATA #IMPLIED
    merch_total CDATA #IMPLIED
<!ELEMENT PromotionalItems (PromotionalItem+)>
<!ELEMENT PromotionalItem EMPTY>
<!ATTLIST PromotionalItem
    line_offer_id CDATA #IMPLIED
    item_id CDATA #IMPLIED
    sku CDATA #IMPLIED
    short_sku_number CDATA #IMPLIED
    alias_item CDATA #IMPLIED
    order_quantity CDATA #IMPLIED

```

E-Commerce Promotional Response DTD (CWPromotionalResponse)

```

<!ELEMENT Message (Header)>
<!ATTLIST Message
    source CDATA #IMPLIED
    target CDATA #IMPLIED
    type NMTOKEN #IMPLIED
    date_created CDATA #IMPLIED
    time_created CDATA #IMPLIED
<!ELEMENT Header (Promotions)>
<!ATTLIST Header
    company_code CDATA #IMPLIED
    external_reference_nbr CDATA #IMPLIED
    errors CDATA #IMPLIED
    nbr_eligible_promotions CDATA #IMPLIED
<!ELEMENT Promotions (Promotion+)>
<!ELEMENT Promotion (QualifyingItems, IncentiveItems)>
<!ATTLIST Promotion
    promotion_id CDATA #IMPLIED
    qualifying_source CDATA #IMPLIED
    qualifying_offer CDATA #IMPLIED
    qualifying_dollars CDATA #IMPLIED
    qualifying_qty CDATA #IMPLIED
    incentive_type CDATA #IMPLIED
    qty_eligible CDATA #IMPLIED
    incentive_discount_pct CDATA #IMPLIED
    incentive_discount_dollars CDATA #IMPLIED
    no_charge CDATA #IMPLIED
<!ELEMENT QualifyingItems (QualifyingItem*)>
<!ELEMENT IncentiveItems (IncentiveItem+)>
<!ELEMENT QualifyingItem EMPTY>
<!ATTLIST QualifyingItem
    qualifying_item_id CDATA #IMPLIED
    qualifying_item_desc CDATA #IMPLIED
    qualifying_sku CDATA #IMPLIED
    qualifying_sku_desc CDATA #IMPLIED
    qualifying_short_sku CDATA #IMPLIED
    qualifying_alias_item CDATA #IMPLIED
<!ELEMENT IncentiveItem EMPTY>
<!ATTLIST IncentiveItem

```

```
incentive_item_id CDATA #IMPLIED
incentive_item_desc CDATA #IMPLIED
incentive_sku CDATA #IMPLIED
incentive_sku_desc CDATA #IMPLIED
incentive_short_sku CDATA #IMPLIED
incentive_alias_item CDATA #IMPLIED
incentive_price CDATA #IMPLIED
offer_price CDATA #IMPLIED
```

E-Commerce Order Reject/Cancel DTD (CWOrderReject)

```
<!ELEMENT Message (OrderReject)>
<!ATTLIST Message
  source CDATA #REQUIRED
  target CDATA #REQUIRED
  type NMTOKEN #REQUIRED
<!ELEMENT OrderReject EMPTY>
<!ATTLIST OrderReject
  company_code CDATA #REQUIRED
  order_id CDATA #REQUIRED
```

Order Creation and Maintenance Errors

Purpose: The following table describes errors that can occur when you create, cancel, or maintain orders through the order API or batch order edit. These errors might be listed on an error report such as the Order Error Listing, displayed in Work with Batch Order Maintenance Transactions (**WBOM**), or be included in the CWOrderOut response message if the CWOrderIn message has a response_type of **E**.

For more information: See the CWDirect **User Reference**.

Code	Error	Explanation
61	% Discount Not Allowed	The customer has tried to apply a detail-level percentage discount to an item that is restricted from percentage discounts, as specified through the Work with Coupon Item Restriction screen; or, the customer tried to apply a percentage discount to an order, and all of the items on the order are restricted.
D0	A/R and COD Not Allowed	The order includes both an accounts receivable and a C.O.D. payment method.
D3	A/R, COD Amount must be 0	There is an accounts receivable or C.O.D. payment method with an amount to charge specified. If an order uses either of these payment types, it must be the “catch-all.”
B3	Base item does not exist	The system cannot identify the item/SKU for an order detail line based on the information provided in the message.
I3	Bill Me Later trans limit	The customer is applying for a Bill Me Later account, and the total order value exceeds the <i>BML trans limit</i> .
KD	Cannot Update Membership	Information will be provided by MICROS at a later date.

Code	Error	Explanation
Z4	CC Expiration/Start Date	If an expiration date is required for the credit card pay type (based on the Require expiration date <i>Require expiration date</i> flag), the credit card payment method did not include a valid expiration date, or the expiration date is passed; or, if a start date is required for the credit card pay type (based on the <i>Require start date</i> flag), the credit card payment method did not include a start date.
ZB	Invalid EUDD Country	The bill to country (or sold to country if a bill to is not defined) is not a valid country for the European Direct Debit pay type on the order. You define the valid countries for a European Direct Debit pay type on the Work with Pay Type Countries screen in Work with Pay Types (WPAY).
ZC	Missing EUDD Bank Sort	A bank sort was not defined for the European Direct Debit pay type on the order. You can indicate whether a bank sort number is required for a European Direct Debit pay type on the Work with Pay Type Countries screen in Work with Pay Types (WPAY).
ZD	Missing EUDD RIB Code	A rib code was not defined for the European Direct Debit pay type on the order. You can indicate whether a RIB code is required for a European Direct Debit pay type on the Work with Pay Type Countries screen in Work with Pay Types (WPAY).
E8	CC Pmt Req w/Store Ship	There is no credit card payment method specified for a store shipment request.
W3	City Blank	No city is specified for the shipping address.
S7	Code previously redeemed	The <i>single_use_promo_code</i> specified to apply a promotion to the order has already been redeemed on another order.
W4	Country Not Found	The country code is invalid.
63	Cpn Item Required	The coupon has an item requirement (indicated by the <i>Item requirement?</i> field), and the item on the order detail line does not match an item specified through the Work with Coupon Item Requirement screen; or, if this is an order-level coupon with an item requirement, all of the required items are not on the order. <ul style="list-style-type: none"> For detail-level coupons: the customer cannot apply the coupon to this item. For order-level coupons: the customer cannot apply the coupon to this order without adding all required items.
56	Cpn Not Active	The current date is earlier than the <i>Start date</i> or later than the <i>End date</i> for the coupon. The customer cannot apply this coupon at this time.

Code	Error	Explanation
78	Cpn Not Allowed-Item S/O	The customer has tried to enter a detail-level coupon against an item that is sold out.
60	Cpn Restricted	The coupon has a restriction against use with another coupon that is on the order (the <i>Coupon restriction?</i> field is selected set to Y , and there is another coupon on the order that has a coupon restriction for this coupon as specified through the Work with Coupon Restriction screen). The customer cannot apply both of these coupons on the same order.
64	Detail \$ < Required	The coupon has an order detail line total requirement (indicated by the <i>Minimum detail \$ amount</i> field), and the regular offer price of the item is less than this minimum. The customer cannot apply the coupon to this item.
Z0	Direct Disbursement N/A	The order includes a Direct Bank Disbursement pay type; you cannot enter a Direct Bank Disbursement pay type on an e-commerce order.
B4	Discount limit exceeded	The discount on the order ship to exceeds the limit defined in the <i>Order Discount Percentage Limit (D16)</i> system control value.
80	Dtl Cpn Passed at Ord Lvl	The message includes a detail coupon (<i>Type = D</i>) in the <i>coupon_code</i> attribute of the <i>Coupon</i> element, which should be used for header coupons (<i>Type = O</i>). To apply a detail coupon, the message should use the <i>coupon_detail_code</i> attribute of the <i>CouponDetail</i> element.
KE	Dtl Errs Prevent Hdr Edit	Occurs when there is an additional error related to an order detail line.
I1	Duplicate item for cust	The <i>Duplicate Item Check (C09)</i> system control value is selected set to Y and an item appears in more than one order for the customer within the specified number of days.
W5	Duplicate PO#	The <i>ship_to_po_number</i> or the <i>po_number</i> is a duplicate (the system checks for duplicate PO numbers only if the <i>Verify Duplicate PO Numbers for A/R Orders (D80)</i> system control value is selected set to Y).
E9	Email invalid	The email address is not properly formatted.
01	Entered Price Exceeds Lim	The requested price of a new or existing item is below the maximum discount percentage, as specified in the <i>Price Override Limit Percent (E55)</i> system control value. For example, if this system control value specifies a limit of 10%, and the requested price of an item was 15% below the regular price, this would produce an error.

Code	Error	Explanation
EM	Exceeds maximum char	The personalization text exceeds the maximum specified for the custom special handling format. See the personalization_line element in the Inbound Order XML Message (CWORDERIN) for more information.
C5	Gift wrap not allowed	The <i>gift_wrap</i> field is selected and gift wrapping is not allowed for the offer.
VR	Input not valid response	The personalization text is not a valid entry for the custom special handling format. See the personalization_line element in the Inbound Order XML Message (CWORDERIN) for more information.
Z7	Invalid Bill To Address	Some part or all of the bill-to (A/R) information in the message is invalid.
W7	Invalid Cancel Date	The cancel date specified is not later than the order date.
K8	Invalid Cancel Quantity	The quantity specified in the cancel request exceeds the quantity eligible for cancellation for the order detail line.
K3	Invalid Cancel Reason	The cancel reason is not valid, as defined through Work with Cancel Reason Codes (WCNR).
I2	Invalid Card Issue#	An issue number is required for the credit card pay type (based on the <i>Require issue #</i> flag), but an issue number was not provided.
W9	Invalid City(VERTEX)	The city/state/zip code is invalid for Vertex.
Z3	Invalid Coupon	The gift certificate number indicated does not match a record in the Coupon Redemption file, and the Dynamic Creation of Coupons (B21) system control value is unselected set to Y .
55	Invalid Cpn Code	The coupon code you entered is not a valid coupon in your company. The customer cannot apply this coupon to an order. When an order receives this error, it also receives errors 56 (Cpn Not Active) and 57 (Invalid Cpn Type).
57	Invalid Cpn Type	The <i>Coupon type</i> for the coupon is not set to O (order) or D (detail). The customer cannot apply the coupon to an order until this field is set to one of the valid values.

Code	Error	Explanation
Z5	Invalid Credit Card	<ul style="list-style-type: none"> No credit card number was provided for a credit card pay type. The credit card number failed validation against the credit card length, leading digits, or bin number defined for the credit card pay type. The <i>Require Credit Card Token (L40)</i> system control value is selected and the credit card number was not replaced with a token.
X0	Invalid date of birth	The customer is using a Bill Me Later pay type for the first time, and there is no date of birth provided.
M1	Invalid email/opt in-SVC	There is a virtual stored value card on the order and a valid email address was not provided. The system requires an email address in order to send a Stored Value Card Notification email to the recipient of the stored value card.
A8	Invalid line frt override	A line freight override is indicated, but the freight method on the order is not a line-level freight method.
68	Invalid Mbrshp Type	The <i>Join/Renew</i> flag for the President's Club program that the customer is interested in purchasing is not set to either J or R . This error occurs only if the <i>Use President's Club Membership (H94)</i> system control value is selected set to Y .
K9	Invalid New Order Qty	The new quantity specified in a maintenance request for an existing line is lower than the current quantity. To reduce the quantity of an existing order line, you must use a cancel request rather than a maintenance request.
C0	Invalid offer	The item specified is associated with an invalid offer.
K6	Invalid Order Detail	The order line number specified in the maintenance or cancel request does not exist on the order. You might receive this error if you specify an order detail line when attempting to add an item to an order.
X1	Invalid Order Hold Reason	The order hold reason code indicated does not exist in the Order Hold Reason file.
X2	Invalid Order Type	The order type indicated does not exist in the Order Type file, or matches the retail pickup or delivery order types.
Z6	Invalid Pay Type	The payment method was missing essential information; for example, you would see this message if the order included a <i>gift_certificate_number</i> and <i>gift_certificate_amount</i> , but there was no <i>gc_type</i> in the message and the <i>Default Pay Type for Gift Certificates/Coupons (G48)</i> system control value is blank. This error also occurs if the payment method matches the retail pickup and delivery pay type.

Code	Error	Explanation
52	Invalid PC#	Indicates that there is an alternate customer number indicated in the inbound message; this alternate customer number is not assigned to a customer in the Customer Sold To file; and this alternate customer is also not found in the President's Club Pre-Accounts file (OEPCPA). This error occurs only if the <i>Use President's Club Membership (H94)</i> system control value is selectedset to Y . Note: This error occurs even if the alternate customer number is assigned to a customer in the Customer Sold To Cross Reference file but not the Customer Sold To file.
G5	Invalid Prefix Code	The Validate Prefix (I27) system control value is selectedset to Y , and the prefix does not exist in the Prefix file.
A5	Invalid price override reason	The item has an invalid price override reason code, as defined through Work with Price Override Reasons (WPOR).
A0	Invalid Promotion Code	The promotion code specified in the message does not actually exist.
X3	Invalid Salesman Number	The order does not have a valid sales rep, if the <i>Require Salesrep Number in Order Entry/Order Maintenance (E87)</i> system control value is selectedset to Y .
79	Invalid Slsman on Mbrship	The customer is purchasing a President's Club membership, and the sales rep number indicated in the message or in the <i>Default Salesrep for E-Commerce Interface (H24)</i> system control value is not valid. This error occurs only if the <i>Use President's Club Membership (H94)</i> system control value is selectedset to Y . This error occurs with the Invalid Salesman Number error.
Z9	Invalid Ship to Address	Any of the entries for the shipping address are invalid. This error appears with one or more other error messages describing the fields that are invalid.
C8	Invalid Ship Via	There is not a valid ship via code on the order.
X4	Invalid Ship Via for FEDX	There is a Federal Express tracking number indicated, but the ship via on the order does not have a <i>Type</i> of FX .
X5	Invalid Ship Via for POB	The ship via for the order does not deliver to P.O. boxes, as specified by the <i>PO box delivery</i> field for the ship via.
X6	Invalid Ship Via for SCF	Either the ship via, the SCF, or the ship via/SCF combination is not valid.
S0	Invalid Single Use Promo	The <i>single_use_promo_code</i> specified to apply a promotion to the order is not valid, or the related promotion is not currently active.

Code	Error	Explanation
Y0	Invalid social security #	The customer is applying for a Bill Me Later account, but the <i>soc_sec_nbr</i> was blank.
Z8	Invalid Sold to Address	There is a problem with the sold-to customer's address. This error accompanies the error message indicating the specific problem.
X7	Invalid Source Code	The source code specified is not valid, or no source code is specified.
59	Invalid Src Requirement	The coupon has a source code restriction (the <i>Source requirement?</i> field is selected set to Y), and the source code on the order is not specified through the Work with Coupon Source Requirement screen. The customer cannot apply the coupon to this order.
X9	Invalid State for Zip	The state is not valid for the postal code, as defined through Work with Postal Code/City/States (WZIP).
Y1	Invalid Tax Code	There is a resale/exempt number specified, but the customer is not tax exempt.
C4	Invalid/Missing Cust Cls	There is no valid customer class indicated in the message, the Default Customer Class in Order Entry (D63) system control value is blank, and the Require Customer Class in OE, WCAT, and WCST (H85) system control value is selected set to Y .
A7	Item not valid for whs	There is no record of the item/SKU in the warehouse indicated for a return or express bill.
C2	Item Ctry/St Restriction	The item is restricted from shipment to that country or state, as defined through the Work with Item Restriction by Country/State screen.
C1	Item/Cust cls restriction	The customer's class is restricted from shipment of items of this item class, as defined through the Item Class Restrictions by Customer Class screen.
E4	Item/SpclH restriction	The maintenance request includes special handling for an item that is restricted from special handling, as defined through the Special Handling Restrictions by Item Class screen.
Y2	Last Name & Comp Blank	Both the last name and the company field are blank; at least one is required.
E5	Line \$value > max allowed	The extended price of the order detail line exceeds the limit specified in the <i>Maximum Order Line Value (E98)</i> .
K7	Line is not Open	The order line has a status of X (closed) for a maintenance or cancel request.

Code	Error	Explanation
51	Mismatched PC#	Indicates that there is an alternate customer number indicated in the inbound message and: <ul style="list-style-type: none"> the alternate customer number matches a record in the President's Club Pre-Accounts file that is in X or N status, and the inbound message also includes a valid or invalid customer number; or, the alternate customer number matches a record in the Customer Sold To file, and the inbound message does not include a valid customer number that matches the alternate customer number This error occurs only if the <i>Use President's Club Membership (H94)</i> system control value is selected set to Y .
F3	Missing Membership	The item is a membership item, but there is not a membership program with the same name as the item, as defined through Work with Membership Programs (WWMP).
G9	Missing PO#-Req for A/R	The PO Required for A/R Orders (D79) system control value is selected set to Y and no purchase order number is specified.
A6	Missing price over reasonn	The <i>Price_override</i> field in the maintenance request was 1 , and no price override reason code is specified in the <i>Price Override Reason for E-Commerce (G73)</i> system control value.
D8	Missing Whse/Loc-No IT Ln	The warehouse location indicated for a return or express bill does not exist.
E7	Multiple CC with pay plan	There is more than one credit card on an order that includes a flexible payment option.
D4	Multiple CCs with \$0	There is more than one "catch-all" payment method.
A1	Multiples error	The order line quantity is not evenly divisible by the <i>Sell quantity</i> for the item/SKU.
NC	No catch all pay method	There is no payment method on the order with the <i>amt_to_charge</i> field blank.
74	No Cpn Maint - Pick	Information will be provided by MICROS at a later date.
73	No Cpn Maint<>Open	Information will be provided by MICROS at a later date.
Z1	No Detail lines	No items were specified for the order.
77	No Discountable Items	All items on the order have the Discountable <i>Discountable</i> field in the Item file unselected set to N . The customer cannot apply a coupon against this order.

Code	Error	Explanation
ZZ	No Order I/T Line for Item	You attempted to send an express-billed order without specifying the warehouse and location where the item(s) were taken.
Z2	No Paytypes for Order	No payment methods have been provided. The system returns this error if the <code>response_type</code> in the <code>CWOrderIn</code> message is set to E , and the payment information has not yet been received.
NP	Non-CC OPM for Prebill	The order includes a pre-billable item and a non-credit card payment method. You also receive this error if you attempt to cancel or maintain an order that includes a pre-billable item, because canceling or maintaining a pre-billable item is not supported.
65	Non-Disc Item	The item that the customer selected has the Discountable <code>Discountable</code> field in the Item file unselected set to N . The customer cannot apply a coupon against this item.
58	Offer Restricted	The coupon has an offer restriction (the <code>Offer requirement?</code> field is selected set to Y), and the offer associated with the source code on the order header is not specified through the Work with Offer Requirement screen. The customer cannot apply the coupon to this order.
K2	Order Has Picks Open	One or more detail lines on the order have pick slips printed (maintenance or cancel request).
K4	Order In Use	The order is locked from update because a user is maintaining it, or another process on the system is updating it. Use Unlock Stranded Order or Batch (MULO) to unlock the order.
K1	Order Not Open or Held	The order status is not open (blank) or held (H) (maintenance or cancel request).
E3	Order qty > max allowed	The item quantity exceeds the maximum specified in the <i>Maximum Order Quantity (C60)</i> system control value.
62	Order Tot < Cpn Requires	The coupon has an order total requirement (indicated by the <i>Minimum order \$ amount</i> field), and the merchandise total on the order is less than this minimum. The customer cannot apply the coupon to this order without adding more merchandise. Non-discountable items (the Discountable <code>Discountable</code> field in the Item file is unselected set to N) are not included in the merchandise dollar total for the purposes of meeting this minimum.

Code	Error	Explanation
B9	Originator Invalid	The order does not have a valid originator. Occurs if the <i>Individuals Required in Order Entry (E01)</i> system control value is selectedset to Y and the <i>Originator unknown</i> field is Unselectedset to N .
67	PC Mbrs Only	The <i>PC member only?</i> field for the coupon is selectedset to Y . The customer must be a member of the President's Club to use the coupon. The system checks the setting of the Associate Associate field and the <i>Alternate customer number</i> to determine if a customer is a President's Club member.
81	Pgm Key Not Active	The <i>Active</i> flag for the President's Club program specified in the inbound message or in the President's Club Pre-Accounts file (OEPCPA) is not selectedset to Y . This error occurs only if the <i>Use President's Club Membership (H94)</i> system control value is selectedset to Y .
70	Pgm Key Not Found	The President's Club program specified in the inbound message or in the President's Club Pre-Accounts file (OEPCPA) does not exist. This error occurs only if the <i>Use President's Club Membership (H94)</i> system control value is selectedset to Y .
K5	Pick Exists for Line	There is currently a printed pick slip for the order line specified in a maintenance or cancel request.
E6	Price can not be negative	The item has a price that is negative and the <i>Allow Negative Prices in Order Entry (E97)</i> system control value is not selected.
B0	Placer Invalid	The order does not have a valid placer, and the <i>Individuals Required in Order Entry (E01)</i> system control value is selectedset to Y .
A4	Price is zero	No price was found for the item/offer, but the item is not eligible for a price override to zero.
IM	Required Input missing	Required information is missing from the custom special handling instructions.
A9	S/H code is invalid	The <i>Special handling code</i> specified for the item is invalid.
C3	S/H code not allowed	Special handling is not allowed for the item, as defined at the Create Item Offer screen or the Create SKU Offer screen.
Y3	SCF not Found	The SCF is not valid for the country, as defined through Work with SCF Codes (WSCF).
F9	Ship Via invalid for Item	The shipper is not eligible to ship the item to its destination, based on the Item Ship Via Override file.

Code	Error	Explanation
B2	SKU does not exist	The short SKU specified in the message is not associated with a valid SKU.
Y4	State Blank	No state is specified.
E2	State not found	The state is not valid for the country, as defined through Work with Countries (WCTY).
S3	Store Fulfillment Con Mas	You cannot generate a store fulfillment request for a continuity master item, although you can generate a request for the continuity components.
S1	Store Fulfillment Loc Msg	Either the <i>pickup_system_location</i> or the <i>pickup_location</i> , or both, were not specified for a store fulfillment request.
S5	Store Fulfillment Mbrship	You cannot generate a store fulfillment request for a membership item.
S6	Store Fulfillment Neg Qty	You cannot generate a store fulfillment request for a negative quantity.
S2	Store Pickup Set Compon	Information will be provided by MICROS at a later date.
S4	Store Fulfillment Subscrp	You cannot generate a store fulfillment request for a subscription item.
Y5	Street Address Blank	No street address is specified.
Y8	Zip Code Blank	No postal code is specified
MP	No multi paymnt w SCV K16	The order contains an online cash pay type (the pay type defined in the Pay Type for Payment Processing (K16) system control value) and another form of payment.