



Yazaki North America, Inc.

Electronic Document Interchange Standards – Version 5050

Dear Supplier.

Enclosed you will find current versions of our EDI Document Guidelines **for our Suppliers that are shipping to YNA locations that have migrated to our new SAP system.**

If the YNA location that you ship to has **not yet been migrated** to our new SAP system, then **do not use these version 5050 EDI Guidelines.**

If you have any questions, please send an e-mail to our EDI Support Team (Yazaki.EDI.Support@us.yazaki.com).

Yazaki North America, Inc. EDI Guidelines:

Yazaki EDI FAQ

ICS Interchange Control Structures (X-12 AIAG version 5050)

830 Planning Schedule with Release Capability (X-12 AIAG version 5050)

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856 Ship Notice/Manifest (X-12 AIAG version 5050)

➤ SAMPLE 856 – Truck Shipment

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Yazaki X-12 v5050 EDI – Frequently Asked Questions

FAQs about EDI in general

1. How can I become certified as an EDI Compliant supplier to Yazaki North America?
 - a. In order to become certified by Yazaki North America as EDI Compliant, each supplier must undergo and pass our EDI Testing process. This testing process is triggered by the supplier filling out and returning to YNA an “EDI Testing Reservation” form. This form can be found on our Supplier Network Collaboration (SNC) web site, or the supplier can request a copy of this form via e-mail by writing to Yazaki.EDI.Support@us.yazaki.com.
2. Does Yazaki North America use a VAN? Which one?
 - a. Yazaki North America currently makes use of the Sterling Commerce VAN for the majority of our trading partner EDI communications. Our trading partners are free to choose any VAN they wish so long as the VAN chosen can intercommunicate with Sterling Commerce.
3. We currently receive EDI from Yazaki North America in the EDIFACT standard. Has this changed?
 - a. Yes. Because of the consolidation of our multiple EDI systems into a single EDI system, we have upgraded all Yazaki locations to the Yazaki North America ANSI X-12 version 5050 Guideline. All other versions of both the EDIFACT and ANSI X-12 standard that our various Yazaki locations may have used are now officially obsolete and will eventually be replaced by the Yazaki North America ANSI X-12 version 5050 Guideline.
4. We currently receive EDI from Yazaki North America in the ANSI X-12 version 2040 standard. Has this changed?
 - a. Yes. Because of the consolidation of our multiple EDI systems into a single EDI system, we have upgraded all Yazaki locations to the Yazaki North America ANSI X-12 version 5050 Guideline. All other versions of both the EDIFACT and ANSI X-12 standard that our various Yazaki locations may have used are now officially obsolete and will eventually be replaced by the Yazaki North America ANSI X-12 version 5050 Guideline.
5. We currently receive EDI from Yazaki North America in the ANSI X-12 version 3050 standard. Has this changed?
 - a. Yes. Because of the consolidation of our multiple EDI systems into a single EDI system, we have upgraded all Yazaki locations to the Yazaki North America ANSI X-12 version 5050 Guideline. All other versions of both the EDIFACT and ANSI X-12 standard that our various Yazaki locations may have used are now officially obsolete and will eventually be replaced by the Yazaki North America ANSI X-12 version 5050 Guideline.
6. We currently receive EDI from Yazaki North America in the ANSI X-12 version 4010 standard. Has this changed?
 - a. Yes. Because of the consolidation of our multiple EDI systems into a single EDI system, we have upgraded all Yazaki locations to the Yazaki North America ANSI X-12 version 5050 Guideline. All other versions of

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both the EDIFACT and ANSI X-12 standard that our various Yazaki locations may have used are now officially obsolete and will eventually be replaced by the Yazaki North America ANSI X-12 version 5050 Guideline.

7. Why have your Sender/Receiver IDs in the ISA and GS envelope segments changed?
- a. Because Yazaki North America is consolidating multiple EDI systems into a single EDI system in a phased roll out that is expected to take several years to fully complete, it is probable that each of our trading partners will have to support both their current Yazaki EDI communications and our new version 5050 EDI communications **at the same time**. In order to more clearly separate these communications and to simplify the EDI testing process that all of our trading partners will have to go through, Yazaki North America has created a new set of Sender/Receiver IDs for the exchange of our new version 5050 EDI documents.
8. What Sender/Receiver IDs does Yazaki North America use in the version 5050 EDI communications?

- a. Yazaki North America makes use of two sets of Sender/Receiver IDs for our version 5050 EDI Communications: One for testing and one for production.

For testing purposes we use the following:

When sending EDI documents:

Interchange Sender ID Qualifier	ISA05	12
Interchange Sender ID	ISA06	7349831001TEST
Application Sender's Code	GS02	7349831001TEST

When receiving EDI documents:

Interchange Receiver ID Qualifier	ISA07	12
Interchange Receiver ID	ISA08	7349831001TEST
Application Receiver's Code	GS03	7349831001TEST

For production purposes we use the following:

When sending EDI documents:

Interchange Sender ID Qualifier	ISA05	12
Interchange Sender ID	ISA06	7349831001
Application Sender's Code	GS02	7349831001

When receiving EDI documents:

Interchange Receiver ID Qualifier	ISA07	12
Interchange Receiver ID	ISA08	7349831001
Application Receiver's Code	GS03	7349831001

9. What separator characters does Yazaki North America use in the version 5050 EDI documents?
- a. Yazaki North America uses the following separator characters:
- i. The “repetition separator” used in element ISA11 must be the “<” character.
1. PLEASE NOTE: In earlier versions of the X-12 Interchange Control Structure envelopes, element ISA11 was called the “Interchange Control Standards Identifier” and it contained the value “U”. This changed in X-12

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- version 4020. Now element ISA11 is called the “Repetition Separator” and it must contain the value “<”.
- ii. The “sub-element separator” used in element ISA16 should be the “^” character.
 - iii. The “element separator” used to delimit each element within a segment should be the “*” character.
 - iv. The “segment terminator” used to end each segment in the EDI document should be the “~” character.
10. What is a “repetition separator”? Is this something new? Why can’t I just send “U” in element ISA11 like I always have?
- a. This change was made to the ISA envelope by the ANSI X-12 standards body. They have changed this element so that at version 4020 and above, element ISA11 is now called a “repetition separator”. In order to remain compliant with the published X-12 standards, Yazaki North America has chosen to use the “<” character as the repetition separator character.
 - b. PLEASE NOTE: You cannot use the “<” character anywhere within the data on the EDI document. If the “<” character is used within the data, the EDI system will not be able to translate the document correctly.
11. My system can only have one bill-to address associated with each EDI Sender ID. If all Yazaki locations are switching to the same EDI Sender ID are you also changing your bill-to addresses to a new address at the same time?
- a. Yazaki bill-to addresses are totally unrelated to our EDI Sender ID. You will need to contact your Material Analyst(s) at the various Yazaki locations that you ship to in order to find out what the bill-to address is currently, whether it will be changing or not, and what the new post-migration bill-to address will be.

FAQs about the 830

12. The “ship from” and “ship to” location codes on our 830 release are not the same as what we currently receive. Have these changed? What do the new codes mean? Can you provide us with a list of these new location codes?
- a. The “ship from” and “ship to” codes sent on the Yazaki North America ANSI X-12 version 5050 830 releases are indeed different than what Yazaki North America currently sends. This is unavoidable. We are consolidating multiply ERP systems (i.e. Trans4M, JD Edwards, the 3.5 System, etc.) into a single implementation of SAP. As a result it is impossible to preserve the existing “ship from” and “ship to” location codes. At this time there is no single master list of these location codes available for mass distribution. Each trading partner will receive a list of the location codes that will be sent to them on their version 5050 830 release before go-live so that each trading partner can setup their system appropriately.
13. The part numbers on our release are not the same as what we currently receive. Have these changed? Can you provide us with a cross reference list of these new part numbers to the current part numbers?

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- a. The Buyer's Part Numbers (i.e. Yazaki North America part numbers) sent on the Yazaki North America ANSI X-12 version 5050 830 releases are indeed different than what Yazaki North America currently sends. This is unavoidable. We are consolidating multiply ERP systems (i.e. Trans4M, JD Edwards, the 3.5 System, etc.) into a single implementation of SAP. As a result it is impossible to preserve the existing Yazaki North America part numbers. At this time there is no single master list of these part numbers available for mass distribution. Each trading partner will receive a list of the part numbers ordered from them on their 830 release before go-live so that each trading partner can setup their system appropriately.
- 14. The purchase order numbers on our release are not the same as what we currently receive. Have these changed? Can you provide us with a cross reference list of these new purchase order numbers to the current purchase order numbers?
 - a. The purchase order numbers sent on the Yazaki North America ANSI X-12 version 5050 830 releases are indeed different than what Yazaki North America currently sends. This is unavoidable. We are consolidating multiply ERP systems (i.e. Trans4M, JD Edwards, 3.5 System, etc.) into a single implementation of SAP. As a result it is impossible to preserve the existing Yazaki North America purchase order numbers. It is also impossible to provide a cross reference list of the old and new purchase order numbers. Before go-live each trading partner will receive a list of their new purchase order numbers and the parts being ordered on each purchase order so that each trading partner can setup their system appropriately.

FAQs about the 856

- 15. When I sent my test 856 back to you, you marked the interchange control standards identifier in element ISA11 as being wrong. I sent a "U" like I always have. Why is this now an error?
 - a. This change was made to the ISA envelope by the ANSI X-12 standards body. They have changed this element so that at version 4020 and above, element ISA11 is now called a "repetition separator". Yazaki North America has chosen to use the "<" character as the repetition character.
- 16. You rejected my test 856 for not using the correct separator characters. What separator characters should I be using?
 - a. Yazaki North America uses the following separator characters:
 - i. The "repetition separator" used in element ISA11 must be the "<" character.
 - ii. The "sub-element separator" used in element ISA16 should be the "^" character.
 - iii. The "element separator" used to delimit each element within a segment should be the "*" character.
 - iv. The "segment terminator" used to end each segment in the EDI document should be the "~" character.

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17. We have never seen an 856 quite like this before. Please explain the hierarchical structure of your new 856.
- a. The new Yazaki North America ANSI X-12 version 5050 856 has four hierarchical levels as follows:
 - i. Shipment: Information sent at the shipment level pertains to the shipment as a whole. This includes information like “shipment date”, “expected delivery date”, total shipment weights, and information about the transportation company that is handling the shipment.
 - ii. Equipment: Information sent at the equipment level pertains to the shipping container or containers that the shipment is packed into. A single shipment can consist of just one shipping container, such as a single truck trailer, or it can consist of many shipping containers, such as an ocean shipment might have. Each shipping container will have a separate equipment level within the 856 to hold information about that specific shipping container. This includes information like the trailer number or shipping container number, and where the equipment was “stuffed” (loaded), as well as the seal number for the shipping container, US Customs Service (USCS) border entry authorization number, etc.
 - iii. Tare: Yazaki North America is using the tare level to transmit information about the individual pallets that are packed inside of a shipping container. Each pallet will have a separate tare level. Information about the pallet includes the pallet label serial number, the physical dimensions of the fully loaded pallet, the tare weight of the pallet when empty, and the gross weight of the pallet when fully loaded. Please note that all of the information sent within the tare level on the 856 is optional, but the tare level itself is mandatory. If you do not, or can not, send pallet information, you must still send at least one HL hierarchical segment for the tare level (HL*n*n*T~) within each equipment level in order to maintain the structure of the 856.
 - iv. Item: This is where all of the information about the parts you are shipping is sent. Information like part numbers, quantity shipped, and carton serial numbers.
18. Please explain how the shipment gross, shipment net, and shipment tare weights at the shipment level of the 856 are calculated.
- a. All three of these values should be “rolled up” or totaled from the item and pallet levels as follows:
 - i. The fully loaded weight of each carton is sent in the CLD04 element at the item level. (This CLD04 value must be the total weight of the carton and the parts packed within the carton.) Multiply this by the number of cartons as reported in element CLD01. When all of these values are totaled up for the entire shipment, this becomes the shipment net weight at the shipment level of the 856.

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1. NOTE: The shipment net weight includes that weight of the empty cartons, so do not include the weight of the empty cartons in the shipment tare weight value.
 - ii. The empty or tare weight of each of the pallets in the shipment is sent in the PAL05 element. When totaled up for the entire shipment, this becomes the shipment tare weight at the shipment level of the 856.
 1. NOTE: The shipment tare weight should only be the total of the empty pallet weights, and should not include the weight of the empty cartons.
 - iii. The fully loaded or gross weight of each of the pallets in the shipment is sent in the PAL11 element. When totaled up for the entire shipment, this becomes the shipment gross weight at the shipment level of the 856. (When totaled up for the specific shipping container that the pallets are loaded into, this also becomes the equipment gross weight in element TD305.)
 - iv. If totaled correctly the shipment gross weight should equal the shipment net weight plus the shipment tare weight.
19. Please explain how the shipment volume at the shipment level of the 856 is calculated.
 - a. The shipment volume is the total of the pallet volumes for the entire shipment. The pallet volume is calculated by taking the pallet length (in element PAL07) and multiplying it by the pallet width (in element PAL08) and the pallet height when fully loaded (in element PAL09). These pallet volumes are then totaled to get the shipment volume at the shipment level. Since the pallet dimension elements (PAL07, PAL08 and PAL09) are all optional, the shipment volume can be estimated. No 856 will be rejected for having a misstated shipment volume.
20. I have never seen so many weights on an 856 before. And this shipment volume requirement is new as well. What are you using these measurements for and why are they being required? Will my 856 be rejected if I don't, or can't, provide all of this information?
 - a. Yazaki North America is a global company that ships components and finished goods all over the world. As a result transportation costs are one of our greatest expenses. In an effort to reduce and control these transportation costs, we are implementing features of our new SAP system that will allow us to track and control our transportation expenses. In order for these features to work correctly we need to link the transportation charges from the transportation companies back to the individual shipments to and from our trading partners that these transportation companies handle. Since the transportation charges are based on either shipment weight or shipment volume (and sometimes both), it is necessary to confirm that the shipment weights and volumes we are being charged for by the transportation companies match what was actually sent by our trading partners. While we encourage all of our trading partners to provide as much information as possible on the 856, we

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understand that some of our partners will not be able to provide all of the optional weight and volume measurements requested. However those data items marked as “must use” or “mandatory” on the 856 Guideline must be provided.

21. How should I send the TD5 segments at the shipment level for a shipment that is going entirely by truck freight?
 - a. In this case the only TD5 segment you would send would be for the originating truck segment of the transportation. You would send a “B” in element TD501. It would have the Standard Carrier Alpha Code (SCAC) for the trucking company in element TD503 and either an “LT” or “M” in element TD504.
22. How should I send the TD5 segments at the shipment level for a shipment that starts out going by truck to the port, and then travels by ship over the ocean?
 - a. In this case the first TD5 segment (the one with a “B” in element TD501) would be for the originating truck segment of the transportation. As a result it would have the Standard Carrier Alpha Code (SCAC) for the trucking company in element TD503 and either an “LT” or “M” in element TD504.
 - b. This would be followed by several additional TD5 segments (sequentially numbered with a “1” in element TD501, and then a “2” in TD501, and then a “3” in TD501) to detail the ocean portions of the transportation. These would all have the Federal Maritime Commission (FMC) Code for the shipping company in element TD503 and an “O” in TD504. You would also sequentially specify the ports of departure, entry, and discharge in elements TD508.
23. How should I send the TD5 segments at the shipment level for a shipment that is going entirely by air freight?
 - a. In this case the only TD5 segment you would send would be for the departure air freight segment of the transportation. You would send a “B” in element TD501. It would have the Standard Carrier Alpha Code (SCAC) for the originating air freight carrier company in element TD503 and either an “A” or “AE” in element TD504. You would also specify “OR” in element TD507 and the International Air Transport Association (IATA) code for the departure air port in element TD508.
24. The “ship from” and “ship to” location codes on our 830 release are not the same as what we currently receive. Do we need to return these new “ship from” and “ship to” location codes on the 856? Why have these changed? What do the new codes mean? Can you provide us with a list of these new location codes?
 - a. The “ship from” and “ship to” codes sent on the Yazaki North America ANSI X-12 version 5050 830 release are indeed different than what Yazaki North America currently sends. And yes, these new location codes must be returned on the 856; you cannot use the location codes that you currently receive for the new version 5050 856. This change is unavoidable. We are consolidating multiply ERP systems (i.e. Trans4M, JD Edwards, the 3.5 System, etc.) into a single implementation of SAP. As a result it is impossible to preserve the existing “ship from” and “ship

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to” location codes. At this time there is no single master list of these location codes available for mass distribution. Each trading partner will receive a list of the location codes that will be sent to them on their version 5050 830 release (and that must be returned on the new version 5050 856) before go-live so that each trading partner can setup their system appropriately.

25. What is the “remit to” code and do I need to include this on my 856?
- The “remit to” code is only used if you have a physically separate location/address to which you want YNA to send payments for your shipments to us. In most cases our suppliers do not have a separate “remit to” address for payments, but if your company does, and you want YNA to send our payments to this separate address, you should include the “remit to” N1 segment on your 856s. Please contact your YNA Buyer or Materials Analyst and request that a “remit to” location code be setup for your company.
26. What is the “stuffing location” code and do I need to include this on my 856?
- The “stuffing location” code identifies where the shipping container (either truck or ocean-going container) was “stuffed” with pallets and/or parts. This is a mandatory segment for all shipments that cross international borders coming into the United States of America. If your shipment remains entirely within the USA, or if your shipment originates within the USA and then crosses international borders leaving the USA, then this segment is not required. It is being required in order to conform to the new US Customs Service (USCS) ISF “10+2” Rule.
 - NOTE: At this time the stuffing location is not required for air freight shipments, however it has been rumored that the USCS will require this in the future for all shipments, including air freight.
27. Why are you asking for the unit price of the shipped parts within the SLN segment?
- This is an optional segment and the vast majority of our suppliers will never need to send this segment. This segment is used primarily by our overseas finished goods suppliers. YNA uses the unit price on the 856 for information purposes only, and does not use this information to pay for received parts.
28. My company does not invoice at the time of shipment and I have no way of knowing what the invoice number will be when I create my 856. Do I have to include this information on the ASN?
- The “seller’s invoice number” does not have to be your company’s actual invoice number. YNA “pays on receipt”. This means that we do not wait for an actual invoice from our suppliers. Instead we pay for all shipments on receipt and we pay for only those parts received. We are requesting this “seller’s invoice number” information in order to return it to you on the payment voucher when we remit payment to you for your shipments. It is intended to help you reconcile our payments to your shipments. You are free to use any number or character string you choose as your “seller’s invoice number” on the 856 as long as you are able to positively identify

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the shipment we are paying for using this “seller’s invoice number”. In the past some of our suppliers have used the Bill of Lading Number as their “seller’s invoice number” while others have used an entirely random, but unique, series of characters for each shipment. Please note that the “seller’s invoice number” is sent at the item level of the ASN. This allows for the situation wherein a single shipment, or even a single equipment or pallet, contains parts with different “seller’s invoice numbers”.

29. What is the difference between a carton label serial number and a pallet label serial number? Where should I send these on the 856?
- a. The pallet and carton label serial numbers are sent in different REF segments at different points within the 856 as follows:
 - i. Each pallet must be labeled with a bar code scannable label. The format of this label includes a unique label serial number and this serial number must be reported within the REF*LS segment at the tare (pallet) level of the 856. Only one REF*LS segment can appear within each tare (pallet) level. (NOTE: The type of pallet label used on the pallet - mixed, master, or other - is not important for purposes of the 856. What is important on the 856 is simply the pallet label serial number.)
 - ii. Each box or carton of parts that you ship must also contain a bar code scannable label. The format of this label includes a unique serial number and this serial number must be reported within the REF*SE segment within the CLD-REF loop at the item level of the 856. Up to 200 REF*SE segments can appear within any particular CLD-REF loop.
30. Does my ASN have to include carton label serial numbers?
- a. Yes. Carton label serial numbers are required.
31. What is the required format of the carton label serial numbers?
- a. The required format of the carton label serial number is detailed in a separate document, but generally the format is as follows:
 - i. Position 1 through 7 contains the vendor’s ID number.
 - ii. Position 8 and 9 contain the two digit year
 - iii. Position 10 through 15 contains the vendor generated serial number.
 - iv. Example: 300012311987654 where:
 1. 3000123 is the vendor’s ID number
 2. 11 means the year is 2011
 3. 987654 is the vendor’s internally generated label serial number
32. Does my ASN have to include pallet label serial numbers?
- a. No. However if you do ship your cartons on pallets, Yazaki strongly recommends that you send the pallet label serial number on your ASNs. This makes it much easier and faster for our receiving dock personnel to receive your shipment.
33. What is the required format of the pallet label serial numbers?

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- a. The format of the pallet label serial number matches that of the carton label serial number.
- 34. We typically send around 300 cartons of a particular part in the same shipment. According to the 856 Guideline, there can only be 200 REF*SE segments within the CLD-REF loop at the item level. Do we have to send a whole new item level for the same part in order to send more than 200 carton serial numbers?
 - a. No. If you have more than 200 cartons of the same part **on the same pallet** (which is unlikely, but not impossible) simply generate a new instance of the CLD segment. Then you can include another 200 REF*SE segments. You can include up to 200 of these CLD-REF loops within the same item level. That's enough for 40,000 carton serial numbers for just one part. However please keep in mind that each item level is contained within a tare (pallet) level, so you should only be listing the carton serial numbers for the boxes packed on a single pallet.

FAQs about the 997

- 35. Do we have to send back an acknowledgement 997 when we receive the 830? What type of acknowledgement is Yazaki North America expecting?
 - a. Yes. Yazaki North America expects to receive a “document level” 997 acknowledgment for all 830s sent to a trading partner. A “document level” 997 must include the AK2 and AK5 segments to identify the specific document being acknowledged. For further details please review our ANSI X-12 version 5050 997 Guideline document.
- 36. Does Yazaki North America send back an acknowledgement 997 when they receive an 856? What type of acknowledgement is Yazaki North America going to send back?
 - a. Yes. Yazaki North America will transmit a “document level” 997 acknowledgment for all 856s received from our trading partners. This “document level” 997 will include both the AK2 and AK5 segments to identify the specific document being acknowledged. For further details please review our ANSI X-12 version 5050 997 Guideline document.
 - i. NOTE: The 997 only acknowledges receipt of the 856; it says nothing about the acceptability of the data contained within the 856. Any particular 856 may be acknowledged with a 997 but still fail to process successfully into our systems because of data errors. Any 856 that fails to process successfully because of data errors will be reported to the sender separately. The sender of the failed 856 will then have to correct the data and retransmit the corrected 856.

ICS Interchange Control Structures

Functional Group ID=

<u>Page</u> <u>No.</u>	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Base</u> <u>Guide</u>	<u>Yazaki</u> <u>Usage</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
2	0010	ISA	Interchange Control Header	M	M	1		
5	0020	GS	Functional Group Header	M	M	1		
7	0030	GE	Functional Group Trailer	M	M	1		
8	0040	IEA	Interchange Control Trailer	M	M	1		

Segment: **ISA** Interchange Control Header
Position: 0010
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:**Semantic Notes:****Comments:**

Notes: The codes used to identify Yazaki North America, Inc. in the ISA05, ISA06, ISA07, and ISA08 elements depend on which Value Added Network (VAN) our trading partner is using to communicate with Yazaki North America, Inc., and on what type of business we are conducting with them. Our trading partners will be notified of the correct codes to use by our EDI Support Team when the trading partner's EDI testing is scheduled.

In general our sender/receiver codes are as follows:

For EDI Testing purposes:

When Yazaki North America, Inc. is sending data we will send "12" in ISA05 and "7349831001TEST " in ISA06.

When our trading partners are sending data to YNA they should send "12" in ISA07 and "7349831001TEST " in ISA08.

For EDI Production purposes:

When Yazaki North America, Inc. is sending data we will send "12" in ISA05 and "7349831001 " in ISA06.

When our trading partners are sending data to YNA they should send "12" in ISA07 and "7349831001 " in ISA08.

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
ISA01	I01	Authorization Information Qualifier	M 1 ID 2/2	M
		Code identifying the type of information in the Authorization Information		
		00 No Authorization Information Present (No Meaningful Information in I02)		
ISA02	I02	Authorization Information	M 1 AN 10/10	M
		Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)		
ISA03	I03	Security Information Qualifier	M 1 ID 2/2	M
		Code identifying the type of information in the Security Information		
		00 No Security Information Present (No Meaningful Information in I04)		

ISA04	I04	Security Information	M	1	AN 10/10	M
		This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	Interchange ID Qualifier	M	1	ID 2/2	M
		Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		See the segment level notes above for the Interchange ID Qualifier that will be used when receiving data from Yazaki North America, Inc.				
		01	Duns (Dun & Bradstreet)			
		09	X.121 (CCITT)			
		12	Phone (Telephone Companies)			
		16	Duns Number With 4-Character Suffix			
ISA06	I06	Interchange Sender ID	M	1	AN 15/15	M
		Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
		See the segment level notes above for the Interchange Sender ID that will be used when receiving data from Yazaki North America, Inc.				
ISA07	I05	Interchange ID Qualifier	M	1	ID 2/2	M
		Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		See the segment level notes above for the Interchange ID Qualifier that should be used when sending data to Yazaki North America, Inc.				
		01	Duns (Dun & Bradstreet)			
		09	X.121 (CCITT)			
		12	Phone (Telephone Companies)			
		16	Duns Number With 4-Character Suffix			
ISA08	I07	Interchange Receiver ID	M	1	AN 15/15	M
		Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
		See the segment level notes above for the Interchange Receiver ID that should be used when sending data to Yazaki North America, Inc.				
ISA09	I08	Interchange Date	M	1	DT 6/6	M
		Date of the interchange				
ISA10	I09	Interchange Time	M	1	TM 4/4	M
		Time of the interchange				
ISA11	I65	Repetition Separator	M	1	AN 1/1	M
		Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
		Yazaki North America, Inc. prefers the use of the "<" character as the repetition				

		separator, but any mutually agreed upon character will be accepted.			
ISA12	I11	Interchange Control Version Number	M	1 ID 5/5	M
		Code specifying the version number of the interchange control segments			
		00505	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2007		
ISA13	I12	Interchange Control Number	M	1 N0 9/9	M
		A control number assigned by the interchange sender			
ISA14	I13	Acknowledgment Requested	M	1 ID 1/1	M
		Code indicating sender's request for an interchange acknowledgment			
		Refer to 005050 Data Element Dictionary for acceptable code values.			
ISA15	I14	Interchange Usage Indicator	M	1 ID 1/1	M
		Code indicating whether data enclosed by this interchange envelope is test, production or information			
		P	Production Data		
		T	Test Data		
ISA16	I15	Component Element Separator	M	1 AN 1/1	M
		Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator			
		Yazaki North America, Inc. prefers the use of the following characters as data separators, but any mutually agreed upon characters will be accepted:			
		For the sub-element separator, use the carot character: "^"			
		ASCII hexadecimal character "5E", or			
		EBCDIC hexadecimal character "5F"			
		NOTE: On US personal computer keyboards this is the [Shift][6] character at the top of the keyboard.			
		For the element separator, use the asterisk character: "*"			
		ASCII hexadecimal character "2A", or			
		EBCDIC hexadecimal character "5C"			
		For the segment terminator, use the tilde character: "~"			
		ASCII hexadecimal character "7E", or			
		EBCDIC hexadecimal character "A1"			

Segment:	GS Functional Group Header
Position:	0020
Loop:	
Level:	
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of a functional group and to provide control information
Syntax Notes:	
Semantic Notes:	1 GS04 is the group date. 2 GS05 is the group time. 3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.
Comments:	1 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.
Notes:	The codes used to identify Yazaki North America, Inc. in the GS02, and GS03 elements depend on which Value Added Network (VAN) our trading partner is using to communicate with Yazaki North America, Inc., and on what type of business we are conducting with them. Our trading partners will be notified of the correct codes to use by our EDI Support Team when the trading partner's EDI testing is scheduled. In general our sender/receiver codes are as follows: For EDI Testing purposes: When Yazaki North America, Inc. is sending data we will send "7349831001TEST" in GS02. When our trading partners are sending data to YNA they should send "7349831001TEST" in GS03. For EDI Production purposes: When Yazaki North America, Inc. is sending data we will send "7349831001" in GS02. When our trading partners are sending data to YNA they should send "7349831001" in GS03.

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
GS01	479	Functional Identifier Code	M 1 ID 2/2	M
		Code identifying a group of application related transaction sets		
		FA	Functional or Implementation Acknowledgment Transaction Sets (997, 999)	
		IB	Inventory Inquiry/Advice (846)	
		IM	Motor Carrier Freight Details and Invoice (210, 980)	
		IN	Invoice Information (810)	
		IO	Ocean Shipment Billing Details (310, 312, 980)	

		PS	Planning Schedule with Release Capability (830)				
		QM	Transportation Carrier Shipment Status Message (214)				
		QO	Ocean Shipment Status Information (313, 315)				
		RA	Payment Order/Remittance Advice (820)				
		SH	Ship Notice/Manifest (856)				
		SQ	Production Sequence (866)				
		SS	Shipping Schedule (862)				
GS02	142	Application Sender's Code		M	1	AN 2/15	M
		Code identifying party sending transmission; codes agreed to by trading partners					
		See the segment level notes above for the Application Sender ID that will be used when receiving data from Yazaki North America, Inc.					
GS03	124	Application Receiver's Code		M	1	AN 2/15	M
		Code identifying party receiving transmission; codes agreed to by trading partners					
		See the segment level notes above for the Application Receiver ID that should be used when sending data to Yazaki North America, Inc.					
GS04	373	Date		M	1	DT 8/8	M
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year					
GS05	337	Time		M	1	TM 4/8	M
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)					
GS06	28	Group Control Number		M	1	N0 1/9	M
		Assigned number originated and maintained by the sender					
GS07	455	Responsible Agency Code		M	1	ID 1/2	M
		Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480					
		X	Accredited Standards Committee X12				
GS08	480	Version / Release / Industry Identifier Code		M	1	AN 1/12	M
		Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed					
		005050	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2007				

Segment: **GE** Functional Group Trailer

Position: 0030

Loop:

Level:

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of a functional group and to provide control information

Syntax Notes:

Semantic Notes: 1 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments: 1 The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
GE01	97	Number of Transaction Sets Included	M 1 N0 1/6	M
		Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element		
GE02	28	Group Control Number	M 1 N0 1/9	M
		Assigned number originated and maintained by the sender		

Segment: **IEA** Interchange Control Trailer
Position: 0040
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
IEA01	I16	Number of Included Functional Groups	M 1 N0 1/5	M
		A count of the number of functional groups included in an interchange		
IEA02	I12	Interchange Control Number	M 1 N0 9/9	M
		A control number assigned by the interchange sender		

830 Planning Schedule with Release Capability

Functional Group ID=**PS**

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Planning Schedule with Release Capability Transaction Set (830) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business practice relative to the transfer of forecasting/material release information between organizations. The planning schedule transaction may be used in various ways or in a combination of ways, such as: (1) a simple forecast; (2) a forecast with the buyer's authorization for the seller to commit to resources, such as labor or material; (3) a forecast that is also used as an order release mechanism, containing such elements as resource authorizations, period-to-date cumulative quantities, and specific ship/delivery patterns for requirements that have been represented in "buckets," such as weekly, monthly, or quarterly. The order release forecast may also contain all data related to purchase orders, as required, because the order release capability eliminates the need for discrete generation of purchase orders.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Base Guide	Yazaki Usage	Max.Use	Loop Repeat	Notes and Comments
5	0100	ST	Transaction Set Header	M	M	1		
6	0200	BFR	Beginning Segment for Planning Schedule	M	M	1		
	0250	XPO	Preassigned Purchase Order Numbers		Not Used	>1		
	0400	CUR	Currency		Not Used	1		
	0500	REF	Reference Information		Not Used	12		
	0600	PER	Administrative Communications Contact		Not Used	3		
	0700	TAX	Tax Reference		Not Used	3		
	0800	FOB	F.O.B. Related Instructions		Not Used	1		
	0900	CTP	Pricing Information		Not Used	25		
	1000	SAC	Service, Promotion, Allowance, or Charge Information		Not Used	25		
	1100	CSH	Sales Requirements		Not Used	1		
	1200	ITD	Terms of Sale/Deferred Terms of Sale		Not Used	>1		
	1300	DTM	Date/Time Reference		Not Used	10		
	1400	PID	Product/Item Description		Not Used	200		
	1500	MEA	Measurements		Not Used	40		
	1600	PWK	Paperwork		Not Used	25		
	1700	PKG	Marking, Packaging, Loading		Not Used	25		
	1800	TD1	Carrier Details (Quantity and Weight)		Not Used	2		
	1900	TD5	Carrier Details (Routing Sequence/Transit Time)		Not Used	12		
	2000	TD3	Carrier Details (Equipment)		Not Used	12		
	2100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)		Not Used	5		

	2200	MAN	Marks and Numbers Information		Not Used	10		
			LOOP ID - N1			1		
9	2300	N1	Party Identification - Ship From Location		Must Use	1		
	2400	N2	Additional Name Information		Not Used	2		
	2500	N3	Party Location		Not Used	2		
	2600	N4	Geographic Location		Not Used	1		
	2700	REF	Reference Information		Not Used	12		
	2800	PER	Administrative Communications Contact		Not Used	3		
	2900	FOB	F.O.B. Related Instructions		Not Used	1		
			LOOP ID - N1			1		
10	2300	N1	Party Identification - Ship To Location	-	Must Use	1		
	2400	N2	Additional Name Information	-	Not Used	2		
	2500	N3	Party Location	-	Not Used	2		
	2600	N4	Geographic Location	-	Not Used	1		
11	2700	REF	Reference Information	-		1		
	2800	PER	Administrative Communications Contact	-	Not Used	3		
	2900	FOB	F.O.B. Related Instructions	-	Not Used	1		
			LOOP ID - LM			>1		
	3000	LM	Code Source Information		Not Used	1		
	3100	LQ	Industry Code Identification	M	Not Used	100		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Base Guide	Yazaki Usage	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN				>1	
12	0100	LIN	Item Identification	M	M	1		
15	0200	UIT	Unit Detail			1		
	0210	DTM	Date/Time Reference		Not Used	10		
	0300	CUR	Currency		Not Used	1		
	0600	PO3	Additional Item Detail		Not Used	25		
	0700	CTP	Pricing Information		Not Used	25		
	0800	PID	Product/Item Description		Not Used	1000		
	0900	MEA	Measurements		Not Used	40		
	1000	PWK	Paperwork		Not Used	25		
	1100	PKG	Marking, Packaging, Loading		Not Used	25		
	1200	PO4	Item Physical Details		Not Used	1		
	1300	PRS	Part Release Status		Not Used	1		
	1400	REF	Reference Information		Not Used	12		
	1500	PER	Administrative Communications Contact		Not Used	3		
	1700	SAC	Service, Promotion, Allowance, or Charge Information		Not Used	25		
	1800	ITD	Terms of Sale/Deferred Terms of Sale		Not Used	>1		
	1900	TAX	Tax Reference		Not Used	3		

	2000	FOB	F.O.B. Related Instructions	Not Used	1	
	2100	LDT	Lead Time	Not Used	12	
	2200	QTY	Quantity Information	Not Used	>1	n1
17	2300	ATH	Resource Authorization - High Fab		1	
19	2300	ATH	Resource Authorization - High Raw	-	1	
	2400	TD1	Carrier Details (Quantity and Weight)	Not Used	1	
	2500	TD5	Carrier Details (Routing Sequence/Transit Time)	Not Used	12	
	2600	TD3	Carrier Details (Equipment)	Not Used	12	
	2700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	Not Used	5	
	2800	MAN	Marks and Numbers Information	Not Used	10	
	2900	DD	Demand Detail	Not Used	10	
LOOP ID - SLN					100	
	3000	SLN	Subline Item Detail	Not Used	1	
	3100	PID	Product/Item Description	Not Used	1000	
	3150	NM1	Individual or Organizational Name	Not Used	10	
LOOP ID - N1					200	
	3200	N1	Party Identification	Not Used	1	
	3300	N2	Additional Name Information	Not Used	2	
	3400	N3	Party Location	Not Used	2	
	3500	N4	Geographic Location	Not Used	1	
	3600	REF	Reference Information	Not Used	12	
	3700	PER	Administrative Communications Contact	Not Used	3	
	3800	FOB	F.O.B. Related Instructions	Not Used	1	
LOOP ID - LM					>1	
	3900	LM	Code Source Information	Not Used	1	
	4000	LQ	Industry Code Identification	M	Not Used	100
LOOP ID - FST					>1	
21	4100	FST	Forecast Schedule - Firm Shipments		1	n2
	4150	QTY	Quantity Information	Not Used	>1	
	4200	SDQ	Destination Quantity	Not Used	50	
LOOP ID - LM					>1	
	4300	LM	Code Source Information	Not Used	1	
	4400	LQ	Industry Code Identification	M	Not Used	100
LOOP ID - FST					>1	
23	4100	FST	Forecast Schedule - Planned Shipments	-	1	
	4150	QTY	Quantity Information	-	Not Used	>1
	4200	SDQ	Destination Quantity	-	Not Used	50
LOOP ID - LM					>1	
	4300	LM	Code Source Information	-	Not Used	1
	4400	LQ	Industry Code Identification	-	Not Used	100
LOOP ID - SDP					260	
	4500	SDP	Ship/Delivery Pattern	Not Used	1	
	4600	FST	Forecast Schedule	Not Used	260	

			LOOP ID - SHP		1	
25	4700	SHP	Shipped/Received Information - Last Receipt	-	1	
26	4800	REF	Reference Information	-	1	
			LOOP ID - SHP		1	
28	4700	SHP	Shipped/Received Information - Cum Received to Date		1	
	4800	REF	Reference Information	Not Used	5	

Summary:

Page No.	Pos. No.	Seg. ID	Name	Base Guide	Yazaki Usage	Max.Use	Loop Repeat	Notes and Comments
29	0100	CTT	Transaction Totals			1		n3
30	0200	SE	Transaction Set Trailer	M	M	1		

Transaction Set Notes

1. QTY is used to specify supplemental quantities relevant to the forecast function. However, QTY is not related to the actual forecast quantity in the FST segments.
2. At least one occurrence of segment FST is required, either in the FST loop or within the SDP loop. These two loops are mutually exclusive.
3. Number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (FST01) for each FST segment.

Segment: ST Transaction Set Header**Position:** 0100**Loop:****Level:** Heading**Usage:** Mandatory**Max Use:** 1**Purpose:** To indicate the start of a transaction set and to assign a control number**Syntax Notes:**

- Semantic Notes:**
- 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
 - 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

Comments:**Data Element Summary**

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code	M 1 ID 3/3	M
		Code uniquely identifying a Transaction Set		
		830 Planning Schedule with Release Capability		
ST02	329	Transaction Set Control Number	M 1 AN 4/9	M
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
		The value sent in element SE02 will match this value.		
ST03	1705	Implementation Convention Reference	O 1 AN 1/35	N/U

Segment: BFR Beginning Segment for Planning Schedule**Position:** 0200**Loop:****Level:** Heading**Usage:** Mandatory**Max Use:** 1**Purpose:** To indicate the beginning of a planning schedule transaction set; whether a ship or delivery based forecast; and related forecast envelope dates**Syntax Notes:** 1 At least one of BFR02 or BFR03 is required.**Semantic Notes:** 1 If BFR01 contains the value "04" (Net Change), BFR09 is required.

2 BFR02 is the identifying number for a forecast assigned by the orderer/purchaser.

3 BFR06 is the forecast horizon start date: The date when the forecast horizon (envelope) begins.

4 BFR07 is the forecast horizon end date: The date when the forecast horizon (envelope) ends.

5 BFR08 is the date forecast generated: The date the forecast data was generated.

6 BFR09 is the date forecast updated: The date the forecast was updated with "net change" data. (Used only when data element 353 in BFR01 contains the value "04", meaning net change.)

Comments:**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
BFR01	353	Transaction Set Purpose Code	M 1 ID 2/2	M
		Code identifying purpose of transaction set		
		Yazaki North America, Inc. sends only replacement (i.e. "05") releases. If the supplier has not received a prior release, their system should treat this as an original (i.e. "00") release.		
		05 Replace		
BFR02	127	Reference Identification	X 1 AN 1/80	N/U
BFR03	328	Release Number	X 1 AN 1/30	Must Use
		Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction		
		Yazaki North America, Inc. will send an actual Release Number in this element that will increment each time a release is issued. This Release Number is issued against the Purchase Order Number (PSA Number) sent in element BFR11. This is provided to our suppliers and affiliates for their internal use. This Release Number is not required to be returned on the ASN. All shipments from suppliers and affiliates will always be automatically applied against the most current release within YNA's system.		
BFR04	675	Schedule Type Qualifier	M 1 ID 2/2	M
		Code identifying the type of dates used when defining a shipping or delivery time in a schedule or forecast		

		DL	Delivery Based				
BFR05	676	Schedule Quantity Qualifier	M 1 ID 1/1 M				
		Code identifying the type of quantities used when defining a schedule or forecast					
		A	Actual Discrete Quantities				
BFR06	373	Date	M 1 DT 8/8 M				
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year					
		Forecast horizon start date.					
BFR07	373	Date	O 1 DT 8/8				
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year					
		Forecast horizon end date.					
BFR08	373	Date	M 1 DT 8/8 M				
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year					
		Date forecast generated.					
BFR09	373	Date	O 1 DT 8/8 N/U				
BFR10	367	Contract Number	O 1 AN 1/30 N/U				
BFR11	324	Purchase Order Number	O 1 AN 1/22 Must Use				
		Identifying number for Purchase Order assigned by the orderer/purchaser					
		1. Yazaki North America, Inc. will send the supplier's ID Number here. This value should not be returned on the ASN at the Item Level. The supplier may treat this as a Blanket PO Number within their own systems. This value is constant and will not change from week to week for a particular supplier.					
		2. Each part being ordered has its own PO Number in the LIN segment for that part. It is this PO Number from the LIN segment that must be returned on the ASN at the Item Level. The PO Number for a particular part will not change from release to release over time. Only a change to a part that would require a part identification (i.e. part number) change, such as a change in model year or engineering level, will necessitate the issuance of a new PO Number for that part. See the LIN segment below for further details.					
BFR12	783	Planning Schedule Type Code	O 1 ID 2/2 N/U				
BFR13	306	Action Code	O 1 ID 1/2				
		Code indicating type of action					
		If a "DR" is sent in this element, then the release is for a Direct Shipment to a YNA customer. The data contained on these direct shipment releases will be the customer's data, not YNA's, and will be exactly as it was received from the customer. When shipments are made against these direct shipment releases, the supplier must send an 856 to YNA, not the customer, and this 856 must contain the customer's data exactly as it was received on the direct shipment release.					
		If no value is sent in this element, then the release is for a normal shipment to a Yazaki facility. The data contained on these normal releases will be YNA's data, not the customer's. When shipments are made against these normal releases, the supplier					

must send an 856 to YNA, not the customer, and this 856 must contain YNA's data exactly as it was received on the release.

DR

Direct

Segment:	N1	Party Identification - Ship From Location
Position:	2300	
Loop:	N1	Optional (Must Use)
Level:	Heading	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.	
Semantic Notes:		
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.	
Usage Notes:	Yazaki has upgraded this to be a MANDATORY segment.	

Data Element Summary						
Ref.	Data	Name	Base			User
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>			<u>Attributes</u>
N101	98	Entity Identifier Code	M	1	ID 2/3	M
		Code identifying an organizational entity, a physical location, property or an individual				
		SF	Ship From			
N102	93	Name	X	1	AN 1/60	
		Free-form name				
N103	66	Identification Code Qualifier	X	1	ID 1/2	Must Use
		Code designating the system/method of code structure used for Identification Code (67)				
		92	Assigned by Buyer or Buyer's Agent			
N104	67	Identification Code	X	1	AN 2/80	Must Use
		Code identifying a party or other code				
		This value should be returned as the ship-from location on the 856 Shipment Notification.				
N105	706	Entity Relationship Code	O	1	ID 2/2	N/U
N106	98	Entity Identifier Code	O	1	ID 2/3	N/U

Segment:	N1 Party Identification - Ship To Location
Position:	2300
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Usage Notes:	Yazaki has upgraded this to be a MANDATORY segment.

Data Element Summary					
Ref.	Data		Base		User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		<u>Attributes</u>
N101	98	Entity Identifier Code	M	1 ID 2/3	M
		Code identifying an organizational entity, a physical location, property or an individual			
		ST Ship To			
N102	93	Name	X	1 AN 1/60	
		Free-form name			
N103	66	Identification Code Qualifier	X	1 ID 1/2	Must Use
		Code designating the system/method of code structure used for Identification Code (67)			
		92 Assigned by Buyer or Buyer's Agent			
N104	67	Identification Code	X	1 AN 2/80	Must Use
		Code identifying a party or other code			
		This value should be returned as the ship-to location on the 856 Shipment Notification.			
N105	706	Entity Relationship Code	O	1 ID 2/2	N/U
N106	98	Entity Identifier Code	O	1 ID 2/3	N/U

Segment:	REF Reference Information
Position:	2700
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	

Data Element Summary					
Ref.	Data		Base		User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		<u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification DK Dock Number	M	1 ID 2/3	M
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	1 AN 1/80	
REF03	352	Description	X	1 AN 1/80	N/U
REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	1	N/U
C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M	ID 2/3	N/U
C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN 1/80	N/U
C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3	N/U
C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/80	N/U
C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3	N/U
C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/80	N/U

Segment:	LIN Item Identification
Position:	0100
Loop:	LIN Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	1 See the Data Dictionary for a complete list of IDs. 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.
Notes:	1. The given qualifier values noted below in the even numbered elements (LIN02, LIN04, etc.) may appear in any order.

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
LIN01	350	Assigned Identification	O 1 AN 1/20	N/U
LIN02	235	Product/Service ID Qualifier	M 1 ID 2/2	M
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		The Buyer's Part Number will always be the Yazaki Part Number. This value must be returned on the 856 when this part is shipped.		
		BP Buyer's Part Number		
LIN03	234	Product/Service ID	M 1 AN 1/48	M
		Identifying number for a product or service		
LIN04	235	Product/Service ID Qualifier	X 1 ID 2/2	
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		The Vendor's (Seller's) Part Number, if included, will be the supplier's part number.		
		VP Vendor's (Seller's) Part Number		

LIN05	234	Product/Service ID	X	1	AN 1/48
		Identifying number for a product or service			
LIN06	235	Product/Service ID Qualifier	X	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		PD Part Number Description			
LIN07	234	Product/Service ID	X	1	AN 1/48
		Identifying number for a product or service			
LIN08	235	Product/Service ID Qualifier	X	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		This is the OEM's part number.			
		MG Manufacturer's Part Number			
LIN09	234	Product/Service ID	X	1	AN 1/48
		Identifying number for a product or service			
LIN10	235	Product/Service ID Qualifier	X	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		This is the OEM's engineering change level for the OEM's part number.			
		EC Engineering Change Level			
LIN11	234	Product/Service ID	X	1	AN 1/48
		Identifying number for a product or service			
LIN12	235	Product/Service ID Qualifier	X	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		This PO Number must be returned on the ASN within the LIN segment. Do not use the Blanket PO Number from element BFR11.			
		PO Purchase Order Number			
LIN13	234	Product/Service ID	X	1	AN 1/48
		Identifying number for a product or service			
		The Purchase Order Number sent in this element overrides the PO Number sent at the Header in element BFR11 for this part only. This PO Number MUST be returned on the ASN.			
LIN14	235	Product/Service ID Qualifier	X	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		RN Release Number			
LIN15	234	Product/Service ID	X	1	AN 1/48
		Identifying number for a product or service			
		The Release Number sent in this element overrides the Release Number sent at the Header in element BFR03 for this part only. This Release Number does not need to be returned on the ASN.			

LIN16	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U
LIN17	234	Product/Service ID	X	1	AN 1/48	N/U
LIN18	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U
LIN19	234	Product/Service ID	X	1	AN 1/48	N/U
LIN20	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U
LIN21	234	Product/Service ID	X	1	AN 1/48	N/U
LIN22	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U
LIN23	234	Product/Service ID	X	1	AN 1/48	N/U
LIN24	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U
LIN25	234	Product/Service ID	X	1	AN 1/48	N/U
LIN26	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U
LIN27	234	Product/Service ID	X	1	AN 1/48	N/U
LIN28	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U
LIN29	234	Product/Service ID	X	1	AN 1/48	N/U
LIN30	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U
LIN31	234	Product/Service ID	X	1	AN 1/48	N/U

Segment: **UIT** Unit Detail
Position: 0200
Loop: LIN Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify item unit data
Syntax Notes: 1 If UIT03 is present, then UIT02 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
UIT01	C001	Composite Unit of Measure	M 1	M
		To identify a composite unit of measure (See Figures Appendix for examples of use)		
		UIT01 is a composite data element, C001, which contains 15 simple data elements. Yazaki North America, Inc. only utilizes the first component of the composite, data element 355.		
C00101	355	Unit or Basis for Measurement Code	M ID 2/2	M
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Any valid American National Standards Institute (ANSI) unit of measurement can be used. The values given below are typical:		
		EA	Each	
		FT	Foot	
		GA	Gallon	
		LB	Pound	
		MR	Meter	
		PC	Piece	
		RL	Roll	
C00102	1018	Exponent	O R 1/15	N/U
C00103	649	Multiplier	O R 1/10	N/U
C00104	355	Unit or Basis for Measurement Code	O ID 2/2	N/U
C00105	1018	Exponent	O R 1/15	N/U
C00106	649	Multiplier	O R 1/10	N/U
C00107	355	Unit or Basis for Measurement Code	O ID 2/2	N/U
C00108	1018	Exponent	O R 1/15	N/U
C00109	649	Multiplier	O R 1/10	N/U
C00110	355	Unit or Basis for Measurement Code	O ID 2/2	N/U
C00111	1018	Exponent	O R 1/15	N/U
C00112	649	Multiplier	O R 1/10	N/U

C00113	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
C00114	1018	Exponent	O	R 1/15	N/U
C00115	649	Multiplier	O	R 1/10	N/U
UIT02	212	Unit Price	X	1 R 1/17	N/U
UIT03	639	Basis of Unit Price Code	O	1 ID 2/2	N/U

Segment: ATH Resource Authorization - High Fab**Position:** 2300**Loop:** LIN Mandatory**Level:** Detail**Usage:** Optional**Max Use:** 1**Purpose:** To specify resource authorizations (i.e., finished labor, material, etc.) in the planning schedule

- Syntax Notes:**
- 1 At least one of ATH02 or ATH03 is required.
 - 2 If ATH03 is present, then ATH05 is required.
 - 3 If ATH04 is present, then ATH05 is required.

- Semantic Notes:**
- 1 ATH02 is the resource authorization through date: The date through which the buyer authorizes the seller to commit the resource defined in element ATH01.
 - 2 ATH03 is the current cumulative requirements quantity: The cumulative quantity that has been authorized to date from the cumulative start date (ATH05) through the resource authorization through date (ATH02).
 - 3 ATH05 is the cumulative start date: The date where the cumulative quantity count starts. This date might be the start date of a contract period, a calendar or fiscal year, or other.

- Comments:**
- 1 It is imperative that negotiations defining financial commitment have previously occurred and are agreed to by both buyer and seller.
 - 2 ATH04 is the maximum cumulative requirements quantity: The maximum cumulative quantity that has been authorized to date from the cumulative start date (ATH05) through the resource authorization through date (ATH02). This is a high water mark. If the forecast decreases, the current cumulative requirements quantity also decreases, but the maximum cumulative requirements quantity does not decrease.

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
ATH01	672	Resource Authorization Code	M 1 ID 2/2	M
		Code identifying the resource which the buyer is authorizing the seller to commit to		
		FI Finished (Labor, Material, and Overhead/Burden)		
ATH02	373	Date	X 1 DT 8/8	
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
		Cumulative "as of" date: When ATH01 = "FI" this is the "as of" date for the fabrication cum quantity given in ATH03.		
ATH03	380	Quantity	X 1 R 1/15	
		Numeric value of quantity		
		When ATH01 = "FI" this is the FAB authorization for all locations.		
ATH04	380	Quantity	O 1 R 1/15	N/U
ATH05	373	Date	X 1 DT 8/8	
		Date expressed as CCYYMMDD where CC represents the first two digits of the		

calendar year

If sent, this is the "beginning" date for the fabrication cum quantity given in ATH03.

Segment:	ATH Resource Authorization - High Raw
Position:	2300
Loop:	LIN Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify resource authorizations (i.e., finished labor, material, etc.) in the planning schedule
Syntax Notes:	1 At least one of ATH02 or ATH03 is required. 2 If ATH03 is present, then ATH05 is required. 3 If ATH04 is present, then ATH05 is required.
Semantic Notes:	1 ATH02 is the resource authorization through date: The date through which the buyer authorizes the seller to commit the resource defined in element ATH01. 2 ATH03 is the current cumulative requirements quantity: The cumulative quantity that has been authorized to date from the cumulative start date (ATH05) through the resource authorization through date (ATH02). 3 ATH05 is the cumulative start date: The date where the cumulative quantity count starts. This date might be the start date of a contract period, a calendar or fiscal year, or other.
Comments:	1 It is imperative that negotiations defining financial commitment have previously occurred and are agreed to by both buyer and seller. 2 ATH04 is the maximum cumulative requirements quantity: The maximum cumulative quantity that has been authorized to date from the cumulative start date (ATH05) through the resource authorization through date (ATH02). This is a high water mark. If the forecast decreases, the current cumulative requirements quantity also decreases, but the maximum cumulative requirements quantity does not decrease.

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
ATH01	672	Resource Authorization Code	M 1 ID 2/2	M
		Code identifying the resource which the buyer is authorizing the seller to commit to		
		MT Material		
ATH02	373	Date	X 1 DT 8/8	
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
		Cumulative "as of" date: When ATH01 = "MT" this is the "as of" date for the material cum quantity given in ATH03.		
ATH03	380	Quantity	X 1 R 1/15	
		Numeric value of quantity		
		When ATH01 = "MT" this is the RAW authorization for all locations.		
ATH04	380	Quantity	O 1 R 1/15	N/U
ATH05	373	Date	X 1 DT 8/8	
		Date expressed as CCYYMMDD where CC represents the first two digits of the		

calendar year

If sent, this is the "beginning" date for the material cum quantity given in ATH03.

Segment:	FST Forecast Schedule - Firm Shipments
Position:	4100
Loop:	FST Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the forecasted dates and quantities
Syntax Notes:	1 If either FST06 or FST07 is present, then the other is required. 2 If either FST08 or FST09 is present, then the other is required. 3 If FST13 is present, then FST12 is required.
Semantic Notes:	1 If FST03 equals "F" (indicating flexible interval), then FST04 and FST05 are required. FST04 would be used for the start date of the flexible interval and FST05 would be used for the end date of the flexible interval. If FST03 equals "B" (indicating shipping/delivery), then FST04 and FST05 are required. The FST04 will represent the shipping date, and the FST05 will represent the delivery date. 2 FST11 is used to qualify further the forecast quantity in FST01. 3 FST13 is used to clarify further the adjustment reason specified in FST12.
Comments:	1 As qualified by FST02 and FST03, FST04 represents either a discrete forecast date, the first date of a forecasted bucket (weekly, monthly, quarterly, etc.) or the start date of a flexible interval. 2 FST06 qualifies the time in FST07. The purpose of the FST07 element is to express the specific time of day in a 24-hour clock to satisfy "just-in-time" requirements. As an alternative, the ship/delivery pattern segment (SDP) may be used to define an approximate time, such as a.m. or p.m. 3 FST11, FST12 and FST13 may be used only when FST02 contains code D (Planning).

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
FST01	380	Quantity Numeric value of quantity	M 1 R 1/15	M
FST02	680	Forecast Qualifier Code specifying the sender's confidence level of the forecast data or an action associated with a forecast C Firm	M 1 ID 1/1	M
FST03	681	Timing Qualifier Code specifying interval grouping of the forecast or product activity C Daily This is a single requirement quantity that must be shipped on the indicated date. It does not repeat. D Discrete This requirement quantity should be shipped on each day of the week designated by the date in FST04.	M 1 ID 1/1	M

		W	Weekly Bucket (Monday through Sunday)			
			This requirement quantity should be shipped at some time during the week designated by the date in FST04. It may be shipped as a single shipment or as multiple smaller shipments. Actual shipment day or days chosen will depend on your purchasing agreement with Yazaki North America.			
FST04	373	Date	M	1	DT 8/8	M
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		This is the required delivery date. When FST03 = "W" delivery can be made on any day within this week.				
FST05	373	Date	O	1	DT 8/8	N/U
FST06	374	Date/Time Qualifier	X	1	ID 3/3	N/U
FST07	337	Time	X	1	TM 4/8	N/U
FST08	128	Reference Identification Qualifier	X	1	ID 2/3	N/U
FST09	127	Reference Identification	X	1	AN 1/80	N/U
FST10	783	Planning Schedule Type Code	O	1	ID 2/2	N/U
FST11	673	Quantity Qualifier	O	1	ID 2/2	
		Code specifying the type of quantity				
		This element is only sent if the requirement due date in element FST04 is prior to, or equal to, the date that the release was generated (i.e. the date specified in element BFR08).				
		31	Additional Demand Quantity			
			This code is used to identify an immediate additional requirement that the supplier may not have seen before.			
		XB	Total System Backorder Quantity, High Priority			
			This code is used to identify the total "past due" requirement. This is demand that the supplier will already have seen on earlier releases, but that YNA has not yet physically received.			
FST12	426	Adjustment Reason Code	X	1	ID 2/2	N/U
FST13	352	Description	O	1	AN 1/80	N/U

Segment:	FST	Forecast Schedule - Planned Shipments
Position:	4100	
Loop:	FST	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the forecasted dates and quantities	
Syntax Notes:	1 If either FST06 or FST07 is present, then the other is required. 2 If either FST08 or FST09 is present, then the other is required. 3 If FST13 is present, then FST12 is required.	
Semantic Notes:	1 If FST03 equals "F" (indicating flexible interval), then FST04 and FST05 are required. FST04 would be used for the start date of the flexible interval and FST05 would be used for the end date of the flexible interval. If FST03 equals "B" (indicating shipping/delivery), then FST04 and FST05 are required. The FST04 will represent the shipping date, and the FST05 will represent the delivery date. 2 FST11 is used to qualify further the forecast quantity in FST01. 3 FST13 is used to clarify further the adjustment reason specified in FST12.	
Comments:	1 As qualified by FST02 and FST03, FST04 represents either a discrete forecast date, the first date of a forecasted bucket (weekly, monthly, quarterly, etc.) or the start date of a flexible interval. 2 FST06 qualifies the time in FST07. The purpose of the FST07 element is to express the specific time of day in a 24-hour clock to satisfy "just-in-time" requirements. As an alternative, the ship/delivery pattern segment (SDP) may be used to define an approximate time, such as a.m. or p.m. 3 FST11, FST12 and FST13 may be used only when FST02 contains code D (Planning).	

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
FST01	380	Quantity	M 1 R 1/15	M
		Numeric value of quantity		
FST02	680	Forecast Qualifier	M 1 ID 1/1	M
		Code specifying the sender's confidence level of the forecast data or an action associated with a forecast		
		D Planning		
FST03	681	Timing Qualifier	M 1 ID 1/1	M
		Code specifying interval grouping of the forecast or product activity		
		F Flexible Interval (from Date X through Date Y)		
		M Monthly Bucket (Calendar Months)		
		W Weekly Bucket (Monday through Sunday)		
FST04	373	Date	M 1 DT 8/8	M
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		

		This is the planned delivery date. When FST03 = "W" delivery is expected within this week. When FST03 = "M" delivery is expected within this month. When FST03 = "F" this is the beginning date of the expected delivery period.			
FST05	373	Date	O	1	DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
		When FST03 = "F" this is the ending date of the expected delivery period. This element is NOT USED when FST03 equals either "W" or "M".			
FST06	374	Date/Time Qualifier	X	1	ID 3/3 N/U
FST07	337	Time	X	1	TM 4/8 N/U
FST08	128	Reference Identification Qualifier	X	1	ID 2/3 N/U
FST09	127	Reference Identification	X	1	AN 1/80 N/U
FST10	783	Planning Schedule Type Code	O	1	ID 2/2 N/U
FST11	673	Quantity Qualifier	O	1	ID 2/2 N/U
FST12	426	Adjustment Reason Code	X	1	ID 2/2 N/U
FST13	352	Description	O	1	AN 1/80 N/U

Segment:	SHP Shipped/Received Information - Last Receipt
Position:	4700
Loop:	SHP Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify shipment and/or receipt information
Syntax Notes:	1 If SHP01 is present, then SHP02 is required. 2 If SHP03 is present, then at least one of SHP04 or SHP05 is required. 3 If SHP04 is present, then SHP03 is required. 4 If SHP05 is present, then SHP03 is required.
Semantic Notes:	1 SHP04 is the date shipped, delivered, received, or the cumulative quantity start date (as qualified by SHP03). 2 SHP06 is the cumulative quantity end date.
Comments:	1 The SHP segment is used to communicate shipment, delivery, or receipt information and may include discrete or cumulative quantities, dates, and times. 2 If SHP01 equals "02", "07", "08", "09", or "10" (indicating cumulative quantities), then SHP04 and SHP06 are required to identify the start and end dates of the quantity count.

Data Element Summary					
Ref.	Data		Base		User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		<u>Attributes</u>
SHP01	673	Quantity Qualifier	O	1	ID 2/2
		Code specifying the type of quantity			
		01 Discrete Quantity			
SHP02	380	Quantity	X	1	R 1/15
		Numeric value of quantity			
		This is the last received quantity.			
SHP03	374	Date/Time Qualifier	X	1	ID 3/3
		Code specifying type of date or time, or both date and time			
		050 Received			
SHP04	373	Date	X	1	DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
		This is the date of last receipt.			
SHP05	337	Time	X	1	TM 4/8 N/U
SHP06	373	Date	O	1	DT 8/8 N/U
SHP07	337	Time	O	1	TM 4/8 N/U

Segment:	REF Reference Information
Position:	4800
Loop:	SHP Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	

Data Element Summary					
Ref.	Data		Base		User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		<u>Attributes</u>
REF01	128	Reference Identification Qualifier	M	1 ID 2/3	M
		Code qualifying the Reference Identification			
		SI Shipper's Identifying Number for Shipment (SID)			
		A unique number (to the shipper) assigned by the shipper to identify the shipment			
REF02	127	Reference Identification	X	1 AN 1/80	
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
		This is the Bill of Lading Number or the Shipper's Identifying (SID) number that was last received.			
REF03	352	Description	X	1 AN 1/80	N/U
REF04	C040	Reference Identifier	O	1	N/U
		To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier			
C04001	128	Reference Identification Qualifier	M	ID 2/3	N/U
		Code qualifying the Reference Identification			
C04002	127	Reference Identification	M	AN 1/80	N/U
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
C04003	128	Reference Identification Qualifier	X	ID 2/3	N/U
		Code qualifying the Reference Identification			
C04004	127	Reference Identification	X	AN 1/80	N/U
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
C04005	128	Reference Identification Qualifier	X	ID 2/3	N/U
		Code qualifying the Reference Identification			

C04006	127	Reference Identification	X	AN 1/80	N/U
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					

Segment:	SHP Shipped/Received Information - Cum Received to Date
Position:	4700
Loop:	SHP Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify shipment and/or receipt information
Syntax Notes:	1 If SHP01 is present, then SHP02 is required. 2 If SHP03 is present, then at least one of SHP04 or SHP05 is required. 3 If SHP04 is present, then SHP03 is required. 4 If SHP05 is present, then SHP03 is required.
Semantic Notes:	1 SHP04 is the date shipped, delivered, received, or the cumulative quantity start date (as qualified by SHP03). 2 SHP06 is the cumulative quantity end date.
Comments:	1 The SHP segment is used to communicate shipment, delivery, or receipt information and may include discrete or cumulative quantities, dates, and times. 2 If SHP01 equals "02", "07", "08", "09", or "10" (indicating cumulative quantities), then SHP04 and SHP06 are required to identify the start and end dates of the quantity count.

Data Element Summary					
Ref.	Data		Base		User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		<u>Attributes</u>
SHP01	673	Quantity Qualifier	O	1	ID 2/2
		Code specifying the type of quantity			
		02 Cumulative Quantity			
SHP02	380	Quantity	X	1	R 1/15
		Numeric value of quantity			
		This is the cumulative received quantity.			
SHP03	374	Date/Time Qualifier	X	1	ID 3/3
		Code specifying type of date or time, or both date and time			
		050 Received			
SHP04	373	Date	X	1	DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
		This is the "as of" date for the cumulative quantity received.			
SHP05	337	Time	X	1	TM 4/8 N/U
SHP06	373	Date	O	1	DT 8/8 N/U
SHP07	337	Time	O	1	TM 4/8 N/U

Segment: **CTT** Transaction Totals

Position: 0100

Loop:

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction set

Syntax Notes:

- 1 If either CTT03 or CTT04 is present, then the other is required.
- 2 If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes:

Comments:

- 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

Ref.	Data		Base			User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>			<u>Attributes</u>
CTT01	354	Number of Line Items	M	1	N0 1/6	M
		Total number of line items in the transaction set				
CTT02	347	Hash Total	O	1	R 1/10	
		Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.				
		Example:				
		-.0018 First occurrence of value being hashed.				
		.18 Second occurrence of value being hashed.				
		1.8 Third occurrence of value being hashed.				
		18.01 Fourth occurrence of value being hashed.				
		18E2 Fifth occurrence of value being hashed.				

		1873 Hash Total				
		Yazaki North America, Inc. will send the total of all FST01 element values.				
CTT03	81	Weight	X	1	R 1/10	N/U
CTT04	355	Unit or Basis for Measurement Code	X	1	ID 2/2	N/U
CTT05	183	Volume	X	1	R 1/8	N/U
CTT06	355	Unit or Basis for Measurement Code	X	1	ID 2/2	N/U
CTT07	352	Description	O	1	AN 1/80	N/U

Segment: **SE** Transaction Set Trailer
Position: 0200
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
SE01	96	Number of Included Segments	M 1 N0 1/10	M
		Total number of segments included in a transaction set including ST and SE segments		
SE02	329	Transaction Set Control Number	M 1 AN 4/9	M
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
		This will match the value sent in element ST02.		

ISA*00* *00* *ZZ*SENDER *ZZ*RECEIVER *180118*1158*U*00505*000000137*0*P*>~
GS*PS*SENDER*RECEIVER*20180118*1158*65*X*005050~
ST*830*0001~
BFR*05**TEST-BFR03*DL*A*20180101*20190630*20180101***0003000402~
N1*SF*SUPPLIER NAME*92*3000402~
N1*ST*YAZAKI PLANT NAME*92*5116~
LIN**BP*1801C7042D3*VP*3TADX-2.0*****EC*0001*PO*5500426697*RN*3~
UIT*MR~
FST*3962*C*C*20171231*****XB~
SHP*02*0*050*20180101~
LIN**BP*1801C7042J7*VP*3TADX-2.0*****EC*0001*PO*5500426698*RN*3~
UIT*MR~
FST*3962*C*C*20171231*****XB~
SHP*02*0*050*20180101~
LIN**BP*1801C7042J2*VP*3TADX-2.0*****EC*0001*PO*5500347088*RN*36~
UIT*MR~
FST*122822*C*C*20171231*****XB~
FST*47544*C*W*20180101~
FST*35658*C*W*20180108~
FST*87164*C*W*20180115~
FST*43582*C*W*20180122~
FST*43582*C*W*20180129~
FST*43582*D*W*20180212~
FST*35658*D*W*20180219~
FST*43582*D*W*20180226~
FST*87164*D*W*20180305~
FST*47544*D*W*20180312~
FST*43582*D*W*20180326~
FST*221872*D*M*20180402~
FST*178290*D*M*20180501~
FST*67354*D*M*20180601~
SHP*01*31696*050*20171214~
REF*SI*4052301~
SHP*02*198100*050*20170902~
LIN**BP*1801C706599*VP*3TADX-1.5*****EC*0001*PO*5500397139*RN*2~
UIT*MR~
FST*2286*C*C*20171231*****XB~
SHP*01*2286*050*20171019~
REF*SI*333305~
SHP*02*2286*050*20170902~

LIN**BP*1801C704284*VP*3TADX-2.0*****EC*0001*PO*5500291017*RN*125~
UIT*MR~
FST*3962*C*W*20180115~
FST*3962*C*W*20180122~
FST*5943*C*W*20180129~
FST*0*D*W*20180205~
FST*3962*D*W*20180212~
FST*3962*D*W*20180219~
FST*3962*D*W*20180226~
SHP*01*5943*050*20171112~
REF*SI*1741204~
SHP*02*106974*050*20170902~
LIN**BP*1801C704266*VP*3TADX-2.0*****EC*0001*PO*5500291015*RN*125~
UIT*MR~
FST*3962*C*C*20171231*****XB~
FST*7924*C*W*20180101~
FST*7924*C*W*20180108~
FST*11886*C*W*20180115~
FST*7924*C*W*20180122~
FST*7924*D*W*20180205~
FST*7924*D*W*20180212~
FST*7924*D*W*20180219~
FST*11886*D*W*20180226~
FST*7924*D*W*20180305~
FST*7924*D*W*20180319~
FST*7924*D*W*20180326~
FST*27734*D*M*20180402~
FST*27734*D*M*20180501~
FST*3962*D*M*20180601~
SHP*01*17829*050*20171221~
REF*SI*4478401~
SHP*02*122822*050*20170902~
LIN**BP*1801C704204*VP*3TADX-2.0*****EC*0001*PO*5500290992*RN*3~
UIT*MR~
FST*3962*C*C*20171231*****XB~
SHP*02*0*050*20170902~
LIN**BP*1801C704209*VP*3TADX-2.0*****EC*0001*PO*5500383754*RN*41~
UIT*MR~
FST*114898*C*C*20171231*****XB~
FST*47544*C*W*20180101~

FST*35658*C*W*20180108~
FST*87164*C*W*20180115~
FST*43582*C*W*20180122~
FST*43582*C*W*20180129~
FST*43582*D*W*20180212~
FST*35658*D*W*20180219~
FST*43582*D*W*20180226~
FST*91126*D*W*20180305~
FST*43582*D*W*20180312~
FST*43582*D*W*20180326~
FST*221872*D*M*20180402~
FST*178290*D*M*20180501~
FST*67354*D*M*20180601~
SHP*01*45563*050*20171209~
REF*SI*3533005~
SHP*02*195540*050*20170902~
LIN**BP*180DH404750*VP*FFBT 20.0*****EC*0001*PO*5500359414*RN*33~
UIT*MR~
FST*1000*D*W*20180212~
FST*6000*D*W*20180219~
FST*9000*D*W*20180226~
FST*21000*D*W*20180305~
FST*10000*D*W*20180312~
FST*7000*D*W*20180326~
FST*37000*D*M*20180402~
FST*32000*D*M*20180501~
FST*8000*D*M*20180601~
SHP*01*15000*050*20171120~
REF*SI*2648800~
SHP*02*16000*050*20170902~
LIN**BP*180DH407630*VP*FFBT 35.0*****EC*0001*PO*5500359417*RN*38~
UIT*MR~
FST*11520*C*C*20171231*****XB~
FST*640*C*C*20171231*****31~
FST*8960*C*W*20180101~
FST*6400*C*W*20180108~
FST*9600*C*W*20180115~
FST*8320*C*W*20180122~
FST*8320*C*W*20180129~
FST*7680*D*W*20180205~

FST*8320*D*W*20180212~
FST*7040*D*W*20180219~
FST*8320*D*W*20180226~
FST*8960*D*W*20180305~
FST*7680*D*W*20180312~
FST*8320*D*W*20180319~
FST*8320*D*W*20180326~
FST*40320*D*M*20180402~
FST*24320*D*M*20180501~
SHP*01*640*050*20171221~
REF*SI*4478401~
SHP*02*69083*050*20170902~
LIN**BP*180DH407650*VP*FFBT 35.0*****EC*0001*PO*5500359418*RN*38~
UIT*MR~
FST*17280*C*C*20171231*****XB~
FST*8747*C*W*20180101~
FST*8320*C*W*20180108~
FST*9600*C*W*20180115~
FST*8320*C*W*20180122~
FST*8960*C*W*20180129~
FST*8320*D*W*20180205~
FST*8960*D*W*20180212~
FST*7040*D*W*20180219~
FST*8320*D*W*20180226~
FST*8960*D*W*20180305~
FST*8320*D*W*20180312~
FST*8960*D*W*20180319~
FST*8320*D*W*20180326~
FST*41600*D*M*20180402~
FST*24960*D*M*20180501~
SHP*01*244*050*20171218~
REF*SI*4478400~
SHP*02*77737*050*20170902~
LIN**BP*1801C7042J8*VP*3TADX-2.0*****EC*0001*PO*5500381023*RN*37~
UIT*MR~
FST*11886*C*W*20180108~
FST*31696*C*W*20180115~
FST*19810*C*W*20180122~
FST*15848*C*W*20180129~
FST*15848*D*W*20180212~

FST*11886*D*W*20180219~
FST*19810*D*W*20180226~
FST*31696*D*W*20180305~
FST*15848*D*W*20180312~
FST*19810*D*W*20180326~
FST*63392*D*M*20180402~
FST*51506*D*M*20180501~
FST*31696*D*M*20180601~
SHP*01*51506*050*20171209~
REF*SI*3533005~
SHP*02*146594*050*20170902~
LIN**BP*1801C706509*VP*3TADX-1.5*****EC*0001*PO*5500380937*RN*37~
UIT*MR~
FST*2286*C*W*20180101~
FST*2286*C*W*20180108~
FST*13716*C*W*20180115~
FST*6858*C*W*20180122~
FST*9144*C*W*20180129~
FST*9144*D*W*20180212~
FST*6858*D*W*20180219~
FST*9144*D*W*20180226~
FST*16002*D*W*20180305~
FST*9144*D*W*20180312~
FST*9144*D*W*20180326~
FST*41148*D*M*20180402~
FST*34290*D*M*20180501~
FST*9144*D*M*20180601~
SHP*01*2286*050*20171218~
REF*SI*4478400~
SHP*02*52273*050*20170902~
LIN**BP*180F75041A4*VP*HVP600 1.25*****EC*0001*PO*5500131122*RN*38~
UIT*MR~
FST*8535*D*W*20180319~
SHP*01*7620*050*20171106~
REF*SI*1741202~
SHP*02*24690*050*20170902~
LIN**BP*180F7504161*VP*HVP600 1.25*****EC*0001*PO*5500131119*RN*35~
UIT*MR~
FST*0*C*W*20171225~
FST*8535*C*W*20180101~

FST*8535*C*W*20180129~
FST*0*D*W*20180226~
FST*8535*D*W*20180305~
FST*0*D*W*20180326~
FST*8535*D*M*20180402~
SHP*01*6096*050*20171205~
REF*SI*3533002~
SHP*02*23166*050*20170902~
LIN**BP*1801C704256*VP*3TADX-2.0*****EC*0001*PO*5500291012*RN*30~
UIT*MR~
FST*27734*C*C*20171231*****XB~
FST*5943*C*W*20180101~
FST*3962*C*W*20180108~
FST*11886*C*W*20180115~
FST*15848*C*W*20180122~
FST*15848*C*W*20180129~
FST*15848*D*W*20180205~
FST*11886*D*W*20180212~
FST*15848*D*W*20180219~
FST*15848*D*W*20180226~
FST*15848*D*W*20180305~
FST*15848*D*W*20180312~
FST*15848*D*W*20180319~
FST*15848*D*W*20180326~
FST*63392*D*M*20180402~
FST*63392*D*M*20180501~
FST*15848*D*M*20180601~
SHP*01*23772*050*20171218~
REF*SI*4478400~
SHP*02*73297*050*20170902~
LIN**BP*180C0504550*VP*MS8288-08*****EC*0001*PO*5500131029*RN*144~
UIT*MR~
FST*2286*C*C*20171231*****XB~
FST*2438*C*W*20180101~
FST*3810*C*W*20180108~
FST*3810*C*W*20180115~
FST*5334*C*W*20180122~
FST*4572*C*W*20180129~
FST*6096*D*W*20180205~
FST*2286*D*W*20180212~

FST*2286*D*W*20180219~
FST*2286*D*W*20180226~
FST*2286*D*W*20180305~
FST*2286*D*W*20180312~
FST*3048*D*W*20180319~
FST*2286*D*W*20180326~
FST*8382*D*M*20180402~
FST*762*D*M*20180501~
SHP*01*2438*050*20171227~
REF*SI*4907400~
SHP*02*12190*050*20170902~
LIN**BP*180DN408658*VP*EFBT 12F R/BR*****EC*0001*PO*5500391065*RN*37~
UIT*MR~
FST*8350*C*W*20180101~
FST*8380*C*W*20180108~
FST*23011*C*W*20180115~
FST*10056*C*W*20180122~
FST*10056*C*W*20180129~
FST*11732*D*W*20180212~
FST*10056*D*W*20180219~
FST*11732*D*W*20180226~
FST*23464*D*W*20180305~
FST*10056*D*W*20180312~
FST*11732*D*W*20180326~
FST*53632*D*M*20180402~
FST*45252*D*M*20180501~
FST*13408*D*M*20180601~
SHP*01*4938*050*20171227~
REF*SI*4907400~
SHP*02*67486*050*20170902~
LIN**BP*180DN407150*VP*EFBT 16F R*****EC*0001*PO*5500391064*RN*37~
UIT*MR~
FST*1402*C*C*20171231*****31~
FST*9814*C*W*20180101~
FST*9075*C*W*20180108~
FST*21030*C*W*20180115~
FST*11216*C*W*20180122~
FST*11216*C*W*20180129~
FST*11216*D*W*20180212~
FST*9814*D*W*20180219~

FST*11216*D*W*20180226~
FST*23834*D*W*20180305~
FST*12618*D*W*20180312~
FST*11216*D*W*20180326~
FST*57482*D*M*20180402~
FST*49070*D*M*20180501~
FST*12618*D*M*20180601~
SHP*01*4206*050*20171227~
REF*SI*4907400~
SHP*02*79835*050*20170902~
LIN**BP*180C0504530*VP*MS8288-08*****EC*0001*PO*5500131024*RN*144~
UIT*MR~
FST*2286*C*C*20171231*****XB~
FST*762*C*W*20180101~
FST*2286*C*W*20180108~
FST*2286*C*W*20180115~
FST*3810*C*W*20180122~
FST*3048*C*W*20180129~
FST*3810*D*W*20180205~
FST*1524*D*W*20180212~
FST*1524*D*W*20180219~
FST*1524*D*W*20180226~
FST*2286*D*W*20180305~
FST*1524*D*W*20180312~
FST*1524*D*W*20180319~
FST*1524*D*W*20180326~
FST*6096*D*M*20180402~
FST*0*D*M*20180501~
SHP*01*7314*050*20171022~
REF*SI*2294201~
SHP*02*19504*050*20170902~
LIN**BP*180DN408630*VP*EFBT 12F*****EC*0001*PO*5500416464*RN*19~
UIT*MR~
FST*3352*C*W*20180101~
FST*8320*C*W*20180108~
FST*6704*C*W*20180115~
FST*3352*C*W*20180122~
FST*3352*C*W*20180129~
FST*5028*D*W*20180212~
FST*5028*D*W*20180219~

FST*3352*D*W*20180226~
FST*8380*D*W*20180305~
FST*5028*D*W*20180312~
FST*5028*D*W*20180326~
FST*21788*D*M*20180402~
FST*18436*D*M*20180501~
FST*13408*D*M*20180601~
SHP*01*381*050*20171227~
REF*SI*4907400~
SHP*02*24797*050*20170902~
LIN**BP*1801C7065J4*VP*3TADX-1.5*****EC*0001*PO*5500373509*RN*37~
UIT*MR~
FST*11430*C*W*20180101~
FST*6858*C*W*20180108~
FST*22860*C*W*20180115~
FST*11430*C*W*20180122~
FST*9144*C*W*20180129~
FST*11430*D*W*20180212~
FST*9144*D*W*20180219~
FST*11430*D*W*20180226~
FST*25146*D*W*20180305~
FST*11430*D*W*20180312~
FST*11430*D*W*20180326~
FST*54864*D*M*20180402~
FST*45720*D*M*20180501~
FST*11430*D*M*20180601~
SHP*01*6858*050*20171218~
REF*SI*4478400~
SHP*02*70866*050*20170902~
LIN**BP*1801C704250*VP*3TADX-2.0*****EC*0001*PO*5500291007*RN*13~
UIT*MR~
FST*3962*D*W*20180205~
SHP*01*3962*050*20171213~
REF*SI*4478400~
SHP*02*3962*050*20170902~
LIN**BP*1801C704249*VP*3TADX-2.0*****EC*0001*PO*5500291006*RN*124~
UIT*MR~
FST*3962*C*W*20180129~
FST*0*D*W*20180305~
FST*3962*D*W*20180312~

FST*3962*D*M*20180402~
FST*3962*D*M*20180501~
SHP*01*3962*050*20171128~
REF*SI*3105801~
SHP*02*11886*050*20170902~
LIN**BP*1801C704230*VP*3TADX-2.0*****EC*0001*PO*5500290999*RN*125~
UIT*MR~
FST*261492*C*C*20171231*****XB~
FST*47544*C*C*20171231*****31~
FST*87164*C*W*20180101~
FST*106974*C*W*20180108~
FST*110936*C*W*20180115~
FST*106974*C*W*20180122~
FST*103012*C*W*20180129~
FST*110936*D*W*20180205~
FST*87164*D*W*20180212~
FST*106974*D*W*20180219~
FST*106974*D*W*20180226~
FST*110936*D*W*20180305~
FST*103012*D*W*20180312~
FST*103012*D*W*20180319~
FST*87164*D*W*20180326~
FST*408086*D*M*20180402~
FST*364504*D*M*20180501~
FST*63392*D*M*20180601~
SHP*01*23772*050*20171210~
REF*SI*3533006~
SHP*02*885507*050*20170902~
LIN**BP*1801C704214*VP*3TADX-2.0*****EC*0001*PO*5500290996*RN*36~
UIT*MR~
FST*87164*C*C*20171231*****XB~
FST*3962*C*C*20171231*****31~
FST*23772*C*W*20180101~
FST*31696*C*W*20180108~
FST*31696*C*W*20180115~
FST*27734*C*W*20180122~
FST*31696*C*W*20180129~
FST*27734*D*W*20180205~
FST*23772*D*W*20180212~
FST*27734*D*W*20180219~

FST*27734*D*W*20180226~
FST*27734*D*W*20180305~
FST*23772*D*W*20180312~
FST*27734*D*W*20180319~
FST*23772*D*W*20180326~
FST*110936*D*M*20180402~
FST*95088*D*M*20180501~
FST*3962*D*M*20180601~
SHP*01*1981*050*20171209~
REF*SI*3533005~
SHP*02*162427*050*20170902~
LIN**BP*180DN407130*VP*EFBT 16F R*****EC*0001*PO*5500398222*RN*33~
UIT*MR~
FST*2804*C*C*20171231*****31~
FST*8412*C*W*20180101~
FST*4206*C*W*20180108~
FST*11216*C*W*20180115~
FST*7010*C*W*20180122~
FST*5608*C*W*20180129~
FST*7010*D*W*20180212~
FST*5608*D*W*20180219~
FST*5608*D*W*20180226~
FST*14020*D*W*20180305~
FST*7010*D*W*20180312~
FST*7010*D*W*20180326~
FST*32246*D*M*20180402~
FST*26638*D*M*20180501~
FST*7010*D*M*20180601~
SHP*01*2804*050*20171218~
REF*SI*4478400~
SHP*02*42467*050*20170902~
LIN**BP*1801C7065G7*VP*3TADX-1.5*****EC*0001*PO*5500291095*RN*38~
UIT*MR~
FST*25146*C*C*20171231*****XB~
FST*38862*C*C*20171231*****31~
FST*31833*C*W*20180101~
FST*57150*C*W*20180108~
FST*34290*C*W*20180115~
FST*36576*C*W*20180122~
FST*36576*C*W*20180129~

FST*36576*D*W*20180205~
FST*32004*D*W*20180212~
FST*38862*D*W*20180219~
FST*38862*D*W*20180226~
FST*41148*D*W*20180305~
FST*36576*D*W*20180312~
FST*38862*D*W*20180319~
FST*32004*D*W*20180326~
FST*155448*D*M*20180402~
FST*150876*D*M*20180501~
FST*41148*D*M*20180601~
SHP*01*20574*050*20171221~
REF*SI*4478401~
SHP*02*232745*050*20170902~
LIN**BP*1801C7042N1*VP*3TADX-2.0*****EC*0001*PO*5500295374*RN*50~
UIT*MR~
FST*11886*C*W*20180108~
FST*31696*C*W*20180115~
FST*19810*C*W*20180122~
FST*15848*C*W*20180129~
FST*15848*D*W*20180212~
FST*11886*D*W*20180219~
FST*19810*D*W*20180226~
FST*31696*D*W*20180305~
FST*15848*D*W*20180312~
FST*19810*D*W*20180326~
FST*63392*D*M*20180402~
FST*51506*D*M*20180501~
FST*35658*D*M*20180601~
SHP*01*55468*050*20171209~
REF*SI*3533005~
SHP*02*146418*050*20170902~
LIN**BP*1801C7065E6*VP*3TADX-1.5*****EC*0001*PO*5500291089*RN*38~
UIT*MR~
FST*2286*C*C*20171231*****XB~
FST*0*D*W*20180312~
FST*2286*D*W*20180319~
FST*2286*D*W*20180326~
FST*4572*D*M*20180402~
FST*4572*D*M*20180501~

FST*0*D*M*20180601~
SHP*01*2286*050*20171024~
REF*SI*833604~
SHP*02*6858*050*20170902~
LIN**BP*1801C706587*VP*3TADX-1.5*****EC*0001*PO*5500291078*RN*125~
UIT*MR~
FST*27432*C*C*20171231*****XB~
FST*2286*C*C*20171231*****31~
FST*18288*C*W*20180101~
FST*16002*C*W*20180108~
FST*29718*C*W*20180115~
FST*16002*C*W*20180122~
FST*18288*D*W*20180205~
FST*16002*D*W*20180212~
FST*16002*D*W*20180219~
FST*29718*D*W*20180226~
FST*16002*D*W*20180305~
FST*16002*D*W*20180319~
FST*16002*D*W*20180326~
FST*61722*D*M*20180402~
FST*64008*D*M*20180501~
FST*6858*D*M*20180601~
SHP*01*6858*050*20171209~
REF*SI*3533005~
SHP*02*240030*050*20170902~
LIN**BP*1801C706584*VP*3TADX-1.5*****EC*0001*PO*5500291075*RN*125~
UIT*MR~
FST*22860*C*W*20180101~
FST*20574*C*W*20180108~
FST*22860*C*W*20180115~
FST*16002*C*W*20180122~
FST*29718*C*W*20180129~
FST*45720*D*W*20180205~
FST*34290*D*W*20180212~
FST*43434*D*W*20180219~
FST*50292*D*W*20180226~
FST*36576*D*W*20180305~
FST*27432*D*W*20180312~
FST*29718*D*W*20180319~
FST*25146*D*W*20180326~

FST*118872*D*M*20180402~
FST*130302*D*M*20180501~
FST*34290*D*M*20180601~
SHP*01*6858*050*20171214~
REF*SI*4052301~
SHP*02*401789*050*20170902~
LIN**BP*1801C706557*VP*3TADX-1.5*****EC*0001*PO*5500291067*RN*29~
UIT*MR~
FST*6858*C*C*20171231*****XB~
FST*2286*C*C*20171231*****31~
FST*9144*C*W*20180101~
FST*16002*C*W*20180108~
FST*9144*C*W*20180115~
FST*9144*C*W*20180122~
FST*11430*C*W*20180129~
FST*9144*D*W*20180205~
FST*9144*D*W*20180212~
FST*11430*D*W*20180219~
FST*9144*D*W*20180226~
FST*11430*D*W*20180305~
FST*11430*D*W*20180312~
FST*9144*D*W*20180319~
FST*9144*D*W*20180326~
FST*43434*D*M*20180402~
FST*41148*D*M*20180501~
FST*11430*D*M*20180601~
SHP*01*4572*050*20171218~
REF*SI*4478400~
SHP*02*64008*050*20170902~
LIN**BP*1801C706550*VP*3TADX-1.5*****EC*0001*PO*5500291063*RN*38~
UIT*MR~
FST*9144*C*C*20171231*****XB~
FST*9144*C*C*20171231*****31~
FST*16002*C*W*20180101~
FST*13716*C*W*20180108~
FST*11430*C*W*20180115~
FST*13716*C*W*20180122~
FST*13716*C*W*20180129~
FST*11430*D*W*20180205~
FST*11430*D*W*20180212~

FST*13716*D*W*20180219~
FST*13716*D*W*20180226~
FST*13716*D*W*20180305~
FST*13716*D*W*20180312~
FST*13716*D*W*20180319~
FST*11430*D*W*20180326~
FST*52578*D*M*20180402~
FST*52578*D*M*20180501~
FST*11430*D*M*20180601~
SHP*01*6858*050*20171221~
REF*SI*4478401~
SHP*02*84582*050*20170902~
LIN**BP*1801C706549*VP*3TADX-1.5*****EC*0001*PO*5500291061*RN*125~
UIT*MR~
FST*4572*C*C*20171231*****XB~
FST*13716*C*W*20180101~
FST*20574*C*W*20180108~
FST*11430*C*W*20180115~
FST*20574*C*W*20180122~
FST*22860*C*W*20180129~
FST*22860*D*W*20180205~
FST*18288*D*W*20180212~
FST*22860*D*W*20180219~
FST*22860*D*W*20180226~
FST*22860*D*W*20180305~
FST*25146*D*W*20180312~
FST*22860*D*W*20180319~
FST*18288*D*W*20180326~
FST*93726*D*M*20180402~
FST*93726*D*M*20180501~
FST*25146*D*M*20180601~
SHP*01*16002*050*20171218~
REF*SI*4478400~
SHP*02*160020*050*20170902~
LIN**BP*1801C706537*VP*3TADX-1.5*****EC*0001*PO*5500291056*RN*29~
UIT*MR~
FST*9144*C*C*20171231*****31~
FST*18288*C*W*20180101~
FST*11430*C*W*20180108~
FST*11430*C*W*20180115~

FST*11430*C*W*20180122~
FST*11430*C*W*20180129~
FST*11430*D*W*20180205~
FST*9144*D*W*20180212~
FST*13716*D*W*20180219~
FST*11430*D*W*20180226~
FST*11430*D*W*20180305~
FST*13716*D*W*20180312~
FST*11430*D*W*20180319~
FST*9144*D*W*20180326~
FST*48006*D*M*20180402~
FST*50292*D*M*20180501~
FST*11430*D*M*20180601~
SHP*01*4572*050*20171218~
REF*SI*4478400~
SHP*02*73152*050*20170902~
LIN**BP*1801C706530*VP*3TADX-1.5*****EC*0001*PO*5500291053*RN*125~
UIT*MR~
FST*84582*C*C*20171231*****XB~
FST*2286*C*C*20171231*****31~
FST*43434*C*W*20180101~
FST*57150*C*W*20180108~
FST*54864*C*W*20180115~
FST*50292*C*W*20180122~
FST*52578*C*W*20180129~
FST*52578*D*W*20180205~
FST*43434*D*W*20180212~
FST*52578*D*W*20180219~
FST*50292*D*W*20180226~
FST*52578*D*W*20180305~
FST*50292*D*W*20180312~
FST*52578*D*W*20180319~
FST*43434*D*W*20180326~
FST*208026*D*M*20180402~
FST*194310*D*M*20180501~
FST*20574*D*M*20180601~
SHP*01*27432*050*20171218~
REF*SI*4478400~
SHP*02*410931*050*20170902~
LIN**BP*1801C704227*VP*3TADX-2.0*****EC*0001*PO*5500410178*RN*28~

UIT*MR~
FST*35658*C*C*20171231*****XB~
FST*11886*C*W*20180101~
FST*11886*C*W*20180108~
FST*23772*C*W*20180115~
FST*15848*C*W*20180122~
FST*11886*C*W*20180129~
FST*11886*D*W*20180212~
FST*11886*D*W*20180219~
FST*11886*D*W*20180226~
FST*27734*D*W*20180305~
FST*11886*D*W*20180312~
FST*11886*D*W*20180326~
FST*67354*D*M*20180402~
FST*51506*D*M*20180501~
FST*19810*D*M*20180601~
SHP*01*1981*050*20171205~
REF*SI*3533002~
SHP*02*63392*050*20170902~
LIN**BP*1801C7042S2*VP*3TADX-2.0*****EC*0001*PO*5500291040*RN*122~
UIT*MR~
FST*3871*C*C*20171231*****XB~
FST*3962*C*W*20180101~
FST*3962*C*W*20180108~
FST*3962*C*W*20180122~
FST*3962*D*W*20180205~
FST*3962*D*W*20180219~
FST*3962*D*W*20180305~
FST*3962*D*W*20180312~
FST*0*D*W*20180319~
FST*3962*D*W*20180326~
FST*7924*D*M*20180402~
FST*7924*D*M*20180501~
FST*3962*D*M*20180601~
SHP*01*1981*050*20171214~
REF*SI*4052301~
SHP*02*23772*050*20170902~
LIN**BP*1801C7042R9*VP*3TADX-2.0*****EC*0001*PO*5500291038*RN*36~
UIT*MR~
FST*19810*C*C*20171231*****XB~

FST*7924*C*W*20180101~
FST*11886*C*W*20180108~
FST*7924*C*W*20180115~
FST*7924*C*W*20180122~
FST*7924*C*W*20180129~
FST*11886*D*W*20180205~
FST*7924*D*W*20180212~
FST*7924*D*W*20180219~
FST*7924*D*W*20180226~
FST*7924*D*W*20180305~
FST*11886*D*W*20180312~
FST*7924*D*W*20180319~
FST*7924*D*W*20180326~
FST*35658*D*M*20180402~
FST*35658*D*M*20180501~
FST*27734*D*M*20180601~
SHP*01*1981*050*20171128~
REF*SI*3105801~
SHP*02*65373*050*20170902~
LIN**BP*1801C7042M1*VP*3TADX-2.0*****EC*0001*PO*5500291034*RN*124~
UIT*MR~
FST*7924*C*C*20171231*****XB~
FST*3962*C*W*20180101~
FST*3962*C*W*20180108~
FST*3962*C*W*20180115~
FST*3962*C*W*20180122~
FST*3962*C*W*20180129~
FST*7924*D*W*20180205~
FST*3962*D*W*20180212~
FST*3962*D*W*20180219~
FST*3962*D*W*20180226~
FST*3962*D*W*20180305~
FST*3962*D*W*20180312~
FST*3962*D*W*20180319~
FST*3962*D*W*20180326~
FST*15848*D*M*20180402~
FST*15848*D*M*20180501~
FST*7924*D*M*20180601~
SHP*01*3962*050*20171116~
REF*SI*2294204~

SHP*02*77259*050*20170902~
LIN**BP*1801C7042M9*VP*3TADX-2.0*****EC*0001*PO*5500412244*RN*28~
UIT*MR~
FST*7924*D*W*20180212~
FST*3962*D*W*20180219~
FST*11886*D*W*20180226~
FST*23772*D*W*20180305~
FST*11886*D*W*20180312~
FST*7924*D*W*20180326~
FST*43582*D*M*20180402~
FST*51506*D*M*20180501~
FST*19810*D*M*20180601~
SHP*01*1981*050*20171218~
REF*SI*4478400~
SHP*02*21791*050*20170902~
LIN**BP*1801C706527*VP*3TADX-1.5*****EC*0001*PO*5500412245*RN*18~
UIT*MR~
FST*4572*D*M*20180402~
FST*4572*D*M*20180501~
FST*2286*D*M*20180601~
SHP*01*2286*050*20171125~
REF*SI*2648803~
SHP*02*4572*050*20170902~
LIN**BP*1801C7065H2*VP*3TADX-1.5*****EC*0001*PO*5500412247*RN*27~
UIT*MR~
FST*2286*C*W*20180108~
FST*11430*C*W*20180115~
FST*6858*C*W*20180122~
FST*6858*C*W*20180129~
FST*6858*D*W*20180212~
FST*6858*D*W*20180219~
FST*6858*D*W*20180226~
FST*16002*D*W*20180305~
FST*6858*D*W*20180312~
FST*6858*D*W*20180326~
FST*36576*D*M*20180402~
FST*27432*D*M*20180501~
FST*9144*D*M*20180601~
SHP*01*4572*050*20171218~
REF*SI*4478400~

SHP*02*43434*050*20170902~
LIN**BP*1801C704260*VP*3TADX-2.0*****EC*0001*PO*5500308722*RN*34~
UIT*MR~
FST*19810*C*C*20171231*****XB~
FST*11886*C*W*20180101~
FST*10210*C*W*20180108~
FST*7924*C*W*20180115~
FST*7924*C*W*20180122~
FST*11886*C*W*20180129~
FST*11886*D*W*20180212~
FST*7924*D*W*20180219~
FST*11886*D*W*20180226~
FST*19810*D*W*20180305~
FST*11886*D*W*20180312~
FST*11886*D*W*20180326~
FST*47544*D*M*20180402~
FST*43582*D*M*20180501~
FST*31696*D*M*20180601~
FST*3962*D*M*20180701~
SHP*01*1981*050*20171207~
REF*SI*3533004~
SHP*02*73297*050*20170902~
LIN**BP*1801C7065M9*VP*3TADX-1.5*****EC*0001*PO*5500412248*RN*27~
UIT*MR~
FST*6858*C*C*20171231*****XB~
FST*13716*C*C*20171231*****31~
FST*11430*C*W*20180101~
FST*9144*C*W*20180108~
FST*22860*C*W*20180115~
FST*11430*C*W*20180122~
FST*11430*C*W*20180129~
FST*13716*D*W*20180212~
FST*9144*D*W*20180219~
FST*13716*D*W*20180226~
FST*25146*D*W*20180305~
FST*13716*D*W*20180312~
FST*13716*D*W*20180326~
FST*61722*D*M*20180402~
FST*75438*D*M*20180501~
FST*27432*D*M*20180601~

SHP*01*32004*050*20171207~
REF*SI*3533004~
SHP*02*77724*050*20170902~
LIN**BP*1801C7042K7*VP*3TADX-2.0*****EC*0001*PO*5500291032*RN*38~
UIT*MR~
FST*7924*C*C*20171231*****XB~
FST*11886*C*W*20180101~
FST*15848*C*W*20180108~
FST*11886*C*W*20180115~
FST*11886*C*W*20180122~
FST*15848*C*W*20180129~
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FST*11886*D*W*20180212~
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FST*11886*D*W*20180312~
FST*15848*D*W*20180319~
FST*7924*D*W*20180326~
FST*39620*D*M*20180402~
FST*35658*D*M*20180501~
FST*27734*D*M*20180601~
SHP*01*15543*050*20171218~
REF*SI*4478400~
SHP*02*110631*050*20170902~
LIN**BP*1801C7065S2*VP*3TADX-1.5*****EC*0001*PO*5500291105*RN*114~
UIT*MR~
FST*6340*C*C*20171231*****XB~
FST*6858*C*C*20171231*****31~
FST*13716*C*W*20180101~
FST*9144*C*W*20180108~
FST*20574*C*W*20180115~
FST*9144*C*W*20180122~
FST*11430*C*W*20180129~
FST*11430*D*W*20180212~
FST*9144*D*W*20180219~
FST*13716*D*W*20180226~
FST*22860*D*W*20180305~
FST*11430*D*W*20180312~
FST*11430*D*W*20180326~

FST*59436*D*M*20180402~
FST*48006*D*M*20180501~
FST*13716*D*M*20180601~
SHP*01*29718*050*20171207~
REF*SI*3533004~
SHP*02*84582*050*20170902~
LIN**BP*1801C7042H6*VP*3TADX-2.0*****EC*0001*PO*5500291029*RN*38~
UIT*MR~
FST*3962*C*C*20171231*****XB~
FST*11886*C*W*20180101~
FST*15848*C*W*20180108~
FST*11886*C*W*20180115~
FST*11886*C*W*20180122~
FST*15848*C*W*20180129~
FST*11886*D*W*20180205~
FST*11886*D*W*20180212~
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FST*11886*D*W*20180312~
FST*15848*D*W*20180319~
FST*7924*D*W*20180326~
FST*39620*D*M*20180402~
FST*35658*D*M*20180501~
FST*27734*D*M*20180601~
SHP*01*37639*050*20171218~
REF*SI*4478400~
SHP*02*116879*050*20170902~
LIN**BP*1801C7042C9*VP*3TADX-2.0*****EC*0001*PO*5500322270*RN*43~
UIT*MR~
FST*3962*C*C*20171231*****XB~
FST*3962*C*W*20180115~
FST*3962*C*W*20180129~
FST*3962*D*W*20180212~
FST*0*D*W*20180219~
FST*3962*D*W*20180226~
FST*3962*D*W*20180305~
FST*3962*D*W*20180326~
FST*11886*D*M*20180402~
FST*7924*D*M*20180501~

SHP*01*3962*050*20171214~
REF*SI*4052301~
SHP*02*19810*050*20170902~
LIN**BP*1801C704275*VP*3TADX-2.0*****EC*0001*PO*5500334001*RN*90~
UIT*MR~
FST*15848*C*C*20171231*****XB~
FST*3962*C*C*20171231*****31~
FST*31696*C*W*20180101~
FST*19810*C*W*20180108~
FST*11886*C*W*20180115~
FST*19810*C*W*20180122~
FST*15848*C*W*20180129~
FST*19810*D*W*20180205~
FST*15848*D*W*20180212~
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FST*15848*D*W*20180319~
FST*19810*D*W*20180326~
FST*87164*D*M*20180402~
FST*63392*D*M*20180501~
SHP*01*11886*050*20171209~
REF*SI*3533005~
SHP*02*269416*050*20170902~
LIN**BP*1801C7042C6*VP*3TADX-2.0*****EC*0001*PO*5500334002*RN*16~
UIT*MR~
FST*3962*C*C*20171231*****XB~
SHP*01*3962*050*20170216~
REF*SI*85404901~
SHP*02*0*050*20170902~
LIN**BP*1801C7042G4*VP*3TADX-2.0*****EC*0001*PO*5500291026*RN*8~
UIT*MR~
FST*3962*C*C*20171231*****XB~
SHP*01*3962*050*20171121~
REF*SI*3105801~
SHP*02*3962*050*20170902~
LIN**BP*1801C704287*VP*3TADX-2.0*****EC*0001*PO*5500343710*RN*38~
UIT*MR~
FST*19810*C*C*20171231*****XB~

FST*7924*C*W*20180101~
FST*3962*C*W*20180108~
FST*7924*C*W*20180115~
FST*7924*C*W*20180122~
FST*7924*C*W*20180129~
FST*7924*D*W*20180205~
FST*11886*D*W*20180212~
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FST*19810*D*W*20180226~
FST*27734*D*W*20180305~
FST*19810*D*W*20180312~
FST*3962*D*W*20180319~
FST*15848*D*W*20180326~
FST*71316*D*M*20180402~
FST*55468*D*M*20180501~
FST*7924*D*M*20180601~
SHP*01*7924*050*20171214~
REF*SI*4052301~
SHP*02*59430*050*20170902~
CTT*54*16261378~
SE*939*0001~
GE*1*65~
IEA*1*000000137~

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Functional Group ID=**SH**

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Notes:

PLEASE NOTE: Effective March 1, 2009 Yazaki North America, Inc. has ONLY ONE 856 specification for the exchange of Shipment Notifications.

This 856 specification is used for all of the following business processes/models:

1. The purchase and shipment of finished goods from our overseas and domestic (i.e. North American) manufacturing affiliates.
2. The sale and shipment of components to our overseas and domestic (i.e. North American) manufacturing affiliates.
3. The purchase and shipment of components from our domestic (i.e. North American) component part suppliers.
4. The control of inventory and shipments from/to our third party warehousing facilities.

This 856 must be sent from our overseas and domestic (i.e. North American) manufacturing affiliates and suppliers within one hour of the time that they ship finished goods or components to any Yazaki North America, Inc. facility.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Base Guide	Yazaki Usage	Max.Use	Loop Repeat	Notes and Comments
10	0100	ST	Transaction Set Header	M	M	1		
11	0200	BSN	Beginning Segment for Ship Notice	M	M	1		
13	0400	DTM	Date/Time Reference - Shipped Date	O	Must Use	1		
17	0400	DTM	Date/Time Reference - ETD/Sailing Date	O	D	1		
21	0400	DTM	Date/Time Reference - ETA/Port of Entry Date	O	D	1		
25	0400	DTM	Date/Time Reference - Delivery Date	O	Must Use	1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Base Guide	Yazaki Usage	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - HL							1	
29	0100	HL	Hierarchical Level - Shipment Level	M	M	1		c1
	0200	LIN	Item Identification	O	Not Used	1		
	0300	SN1	Item Detail (Shipment)	O	Not Used	1		
	0400	SLN	Subline Item Detail	O	Not Used	1000		
	0500	PRF	Purchase Order Reference	O	Not Used	1		
	0600	PO4	Item Physical Details	O	Not Used	1		
	0700	PID	Product/Item Description	O	Not Used	200		
30	0800	MEA	Measurements - Gross Weight	O	Must Use	1		
33	0800	MEA	Measurements - Net Weight	O	Must Use	1		
36	0800	MEA	Measurements - Tare Weight	O	Must Use	1		
39	0800	MEA	Measurements - Volume	O	Must Use	1		
	0900	PWK	Paperwork	O	Not Used	25		
	1000	PKG	Marking, Packaging, Loading	O	Not Used	25		
41	1100	TD1	Carrier Details (Quantity and Weight)	O	Must Use	20		
43	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	Must Use	1		
46	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	D	1		
48	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	D	1		
50	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	D	1		
LOOP ID - TD3							12	
	1300	TD3	Carrier Details (Equipment)	O	Not Used	1		
	1350	AT9	Trailer or Container Dimension and Weight	O	Not Used	1		
	1400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	Not Used	5		
	1450	TSD	Trailer Shipment Details	O	Not Used	1		
53	1500	REF	Reference Identification - Bill of Lading	O	Must Use	1		
55	1500	REF	Reference Identification - USCS Entry Number	O	D	1		
56	1500	REF	Reference Identification - Seller's Credit Memo	O	D	1		
	1510	PER	Administrative Communications Contact	O	Not Used	3		
LOOP ID - LH1							100	
	1520	LH1	Hazardous Identification Information	O	Not Used	1		
	1530	LH2	Hazardous Classification Information	O	Not Used	4		
	1540	LH3	Hazardous Material Shipping Name Information	O	Not Used	12		
	1550	LFH	Free-form Hazardous Material Information	O	Not Used	20		
	1560	LEP	EPA Required Data	O	Not Used	>1		
	1570	LH4	Canadian Dangerous Requirements	O	Not Used	4		

	1580	LHT	Transborder Hazardous Requirements	O	Not Used	3
	1590	LHR	Hazardous Material Identifying Reference Numbers	O	Not Used	10
	1600	PER	Administrative Communications Contact	O	Not Used	5
	1610	LHE	Empty Equipment Hazardous Material Information	O	Not Used	1
	LOOP ID - CLD					200
	1700	CLD	Load Detail	O	Not Used	1
	1800	REF	Reference Information	O	Not Used	200
	1850	DTP	Date or Time or Period	O	Not Used	1
	1900	MAN	Marks and Numbers Information	O	Not Used	>1
57	2000	DTM	Date/Time Reference - Date of Seller's Credit Memo	O	D	10
58	2100	FOB	F.O.B. Related Instructions	O	Must Use	1
	2150	PAL	Pallet Type and Load Characteristics	O	Not Used	1
	LOOP ID - N1					1
62	2200	N1	Name - Ship From	O	Must Use	1
	2300	N2	Additional Name Information	O	Not Used	2
	2400	N3	Party Location	O	Not Used	2
	2500	N4	Geographic Location	O	Not Used	1
	2600	REF	Reference Information	O	Not Used	12
	2700	PER	Administrative Communications Contact	O	Not Used	3
	2800	FOB	F.O.B. Related Instructions	O	Not Used	1
	LOOP ID - N1					1
63	2200	N1	Name - Ship To	O	Must Use	1
	2300	N2	Additional Name Information	O	Not Used	2
	2400	N3	Party Location	O	Not Used	2
	2500	N4	Geographic Location	O	Not Used	1
64	2600	REF	Reference Information	O	Not Used	12
	2700	PER	Administrative Communications Contact	O	Not Used	3
	2800	FOB	F.O.B. Related Instructions	O	Not Used	1
	LOOP ID - N1					1
66	2200	N1	Name - Remit Payment To	O	Must Use	1
	2300	N2	Additional Name Information	O	Not Used	2
	2400	N3	Party Location	O	Not Used	2
	2500	N4	Geographic Location	O	Not Used	1
	2600	REF	Reference Information	O	Not Used	12
	2700	PER	Administrative Communications Contact	O	Not Used	3
	2800	FOB	F.O.B. Related Instructions	O	Not Used	1
	2900	SDQ	Destination Quantity	O	Not Used	50
	3000	ETD	Excess Transportation Detail	O	Not Used	1
	3100	CUR	Currency	O	Not Used	1
	LOOP ID - SAC					>1

	3200	SAC	Service, Promotion, Allowance, or Charge Information	O	Not Used	1
	3250	CUR	Currency	O	Not Used	1
	3300	GF	Furnished Goods and Services	O	Not Used	1
	3350	YNQ	Yes/No Question	O	Not Used	10
			LOOP ID - LM			10
	3400	LM	Code Source Information	O	Not Used	1
	3500	LQ	Industry Code Identification	M	Not Used	100
			LOOP ID - V1			>1
	3600	V1	Vessel Identification	O	Not Used	1
	3700	R4	Port or Terminal	O	Not Used	>1
	3800	DTM	Date/Time Reference	O	Not Used	>1
			LOOP ID - HL			200000
67	0100	HL	Hierarchical Level - Equipment Level	M	M	1
	0200	LIN	Item Identification	O	Not Used	1
	0300	SN1	Item Detail (Shipment)	O	Not Used	1
	0400	SLN	Subline Item Detail	O	Not Used	1000
	0500	PRF	Purchase Order Reference	O	Not Used	1
	0600	PO4	Item Physical Details	O	Not Used	1
	0700	PID	Product/Item Description	O	Not Used	200
	0800	MEA	Measurements	O	Not Used	40
	0900	PWK	Paperwork	O	Not Used	25
	1000	PKG	Marking, Packaging, Loading	O	Not Used	25
	1100	TD1	Carrier Details (Quantity and Weight)	O	Not Used	20
	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	Not Used	12
			LOOP ID - TD3			12
69	1300	TD3	Carrier Details (Equipment)	O	Must Use	1
	1350	AT9	Trailer or Container Dimension and Weight	O	Not Used	1
	1400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	Not Used	5
	1450	TSD	Trailer Shipment Details	O	Not Used	1
	1500	REF	Reference Identification	O	Not Used	1
	1510	PER	Administrative Communications Contact	O	Not Used	3
			LOOP ID - LH1			100
	1520	LH1	Hazardous Identification Information	O	Not Used	1
	1530	LH2	Hazardous Classification Information	O	Not Used	4
	1540	LH3	Hazardous Material Shipping Name Information	O	Not Used	12
	1550	LFH	Free-form Hazardous Material Information	O	Not Used	20
	1560	LEP	EPA Required Data	O	Not Used	>1
	1570	LH4	Canadian Dangerous Requirements	O	Not Used	4
	1580	LHT	Transborder Hazardous Requirements	O	Not Used	3
	1590	LHR	Hazardous Material Identifying Reference Numbers	O	Not Used	10

	1600	PER	Administrative Communications Contact	O	Not Used	5
	1610	LHE	Empty Equipment Hazardous Material Information	O	Not Used	1
	LOOP ID - CLD					200
	1700	CLD	Load Detail	O	Not Used	1
	1800	REF	Reference Information	O	Not Used	200
	1850	DTP	Date or Time or Period	O	Not Used	1
	1900	MAN	Marks and Numbers Information	O	Not Used	>1
	2000	DTM	Date/Time Reference	O	Not Used	10
	2100	FOB	F.O.B. Related Instructions	O	Not Used	1
	2150	PAL	Pallet Type and Load Characteristics	O	Not Used	1
	LOOP ID - N1					200
72	2200	N1	Party Identification - Stuffing Location	O	D	1
	2300	N2	Additional Name Information	O	Not Used	2
	2400	N3	Party Location	O	Not Used	2
	2500	N4	Geographic Location	O	Not Used	1
	2600	REF	Reference Information	O	Not Used	12
	2700	PER	Administrative Communications Contact	O	Not Used	3
	2800	FOB	F.O.B. Related Instructions	O	Not Used	1
	2900	SDQ	Destination Quantity	O	Not Used	50
	3000	ETD	Excess Transportation Detail	O	Not Used	1
	3100	CUR	Currency	O	Not Used	1
	LOOP ID - SAC					>1
	3200	SAC	Service, Promotion, Allowance, or Charge Information	O	Not Used	1
	3250	CUR	Currency	O	Not Used	1
	3300	GF	Furnished Goods and Services	O	Not Used	1
	3350	YNQ	Yes/No Question	O	Not Used	10
	LOOP ID - LM					10
	3400	LM	Code Source Information	O	Not Used	1
	3500	LQ	Industry Code Identification	M	Not Used	100
	LOOP ID - V1					>1
	3600	V1	Vessel Identification	O	Not Used	1
	3700	R4	Port or Terminal	O	Not Used	>1
	3800	DTM	Date/Time Reference	O	Not Used	>1
	LOOP ID - HL					200000
73	0100	HL	Hierarchical Level - Tare Level	M	M	1
	0200	LIN	Item Identification	O	Not Used	1
	0300	SN1	Item Detail (Shipment)	O	Not Used	1
	0400	SLN	Subline Item Detail	O	Not Used	1000
	0500	PRF	Purchase Order Reference	O	Not Used	1
	0600	PO4	Item Physical Details	O	Not Used	1
	0700	PID	Product/Item Description	O	Not Used	200
	0800	MEA	Measurements	O	Not Used	40

	0900	PWK	Paperwork	O	Not Used	25
	1000	PKG	Marking, Packaging, Loading	O	Not Used	25
	1100	TD1	Carrier Details (Quantity and Weight)	O	Not Used	20
	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	Not Used	12
			LOOP ID - TD3			12
	1300	TD3	Carrier Details (Equipment)	O	Not Used	1
	1350	AT9	Trailer or Container Dimension and Weight	O	Not Used	1
	1400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	Not Used	5
	1450	TSD	Trailer Shipment Details	O	Not Used	1
75	1500	REF	Reference Information - Master Pallet Label Serial Number	O	D	1
	1510	PER	Administrative Communications Contact	O	Not Used	3
			LOOP ID - LH1			100
	1520	LH1	Hazardous Identification Information	O	Not Used	1
	1530	LH2	Hazardous Classification Information	O	Not Used	4
	1540	LH3	Hazardous Material Shipping Name Information	O	Not Used	12
	1550	LFH	Free-form Hazardous Material Information	O	Not Used	20
	1560	LEP	EPA Required Data	O	Not Used	>1
	1570	LH4	Canadian Dangerous Requirements	O	Not Used	4
	1580	LHT	Transborder Hazardous Requirements	O	Not Used	3
	1590	LHR	Hazardous Material Identifying Reference Numbers	O	Not Used	10
	1600	PER	Administrative Communications Contact	O	Not Used	5
	1610	LHE	Empty Equipment Hazardous Material Information	O	Not Used	1
			LOOP ID - CLD			200
	1700	CLD	Load Detail	O	Not Used	1
	1800	REF	Reference Information	O	Not Used	200
	1850	DTP	Date or Time or Period	O	Not Used	1
	1900	MAN	Marks and Numbers Information	O	Not Used	>1
	2000	DTM	Date/Time Reference	O	Not Used	10
	2100	FOB	F.O.B. Related Instructions	O	Not Used	1
77	2150	PAL	Pallet Type and Load Characteristics	O	D	1
			LOOP ID - N1			200
	2200	N1	Party Identification	O	Not Used	1
	2300	N2	Additional Name Information	O	Not Used	2
	2400	N3	Party Location	O	Not Used	2
	2500	N4	Geographic Location	O	Not Used	1
	2600	REF	Reference Information	O	Not Used	12
	2700	PER	Administrative Communications Contact	O	Not Used	3
	2800	FOB	F.O.B. Related Instructions	O	Not Used	1

	2900	SDQ	Destination Quantity	O	Not Used	50
	3000	ETD	Excess Transportation Detail	O	Not Used	1
	3100	CUR	Currency	O	Not Used	1
	LOOP ID - SAC					>1
	3200	SAC	Service, Promotion, Allowance, or Charge Information	O	Not Used	1
	3250	CUR	Currency	O	Not Used	1
	3300	GF	Furnished Goods and Services	O	Not Used	1
	3350	YNQ	Yes/No Question	O	Not Used	10
	LOOP ID - LM					10
	3400	LM	Code Source Information	O	Not Used	1
	3500	LQ	Industry Code Identification	M	Not Used	100
	LOOP ID - V1					>1
	3600	V1	Vessel Identification	O	Not Used	1
	3700	R4	Port or Terminal	O	Not Used	>1
	3800	DTM	Date/Time Reference	O	Not Used	>1
	LOOP ID - HL					200000
80	0100	HL	Hierarchical Level - Item Level	M	M	1
82	0200	LIN	Item Identification	O	Must Use	1
86	0300	SN1	Item Detail (Shipment)	O	Must Use	1
87	0400	SLN	Subline Item Detail	C		1000
	0500	PRF	Purchase Order Reference	O	Not Used	1
	0600	PO4	Item Physical Details	O	Not Used	1
	0700	PID	Product/Item Description	O	Not Used	200
	0800	MEA	Measurements	O	Not Used	40
	0900	PWK	Paperwork	O	Not Used	25
	1000	PKG	Marking, Packaging, Loading	O	Not Used	25
	1100	TD1	Carrier Details (Quantity and Weight)	O	Not Used	20
	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	Not Used	12
	LOOP ID - TD3					12
	1300	TD3	Carrier Details (Equipment)	O	Not Used	1
	1350	AT9	Trailer or Container Dimension and Weight	O	Not Used	1
	1400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	Not Used	5
	1450	TSD	Trailer Shipment Details	O	Not Used	1
90	1500	REF	Reference Identification - Seller's Invoice Number	O	Must Use	1
92	1500	REF	Reference Identification - Consignee's Invoice Number	O		1
94	1500	REF	Reference Identification - Product Group	O	D	1
95	1500	REF	Reference Identification - Packing List	O	Must Use	1
	1510	PER	Administrative Communications Contact	O	Not Used	3
	LOOP ID - LH1					100
	1520	LH1	Hazardous Identification Information	O	Not Used	1

	1530	LH2	Hazardous Classification Information	O	Not Used	4
	1540	LH3	Hazardous Material Shipping Name Information	O	Not Used	12
	1550	LFH	Free-form Hazardous Material Information	O	Not Used	20
	1560	LEP	EPA Required Data	O	Not Used	>1
	1570	LH4	Canadian Dangerous Requirements	O	Not Used	4
	1580	LHT	Transborder Hazardous Requirements	O	Not Used	3
	1590	LHR	Hazardous Material Identifying Reference Numbers	O	Not Used	10
	1600	PER	Administrative Communications Contact	O	Not Used	5
	1610	LHE	Empty Equipment Hazardous Material Information	O	Not Used	1
	LOOP ID - CLD					200
97	1700	CLD	Load Detail	O		1
99	1800	REF	Reference Information	O		200
	1850	DTP	Date or Time or Period	O	Not Used	1
	1900	MAN	Marks and Numbers Information	O	Not Used	>1
101	2000	DTM	Date/Time Reference - Seller's Invoice Date	O	D	1
	2100	FOB	F.O.B. Related Instructions	O	Not Used	1
	2150	PAL	Pallet Type and Load Characteristics	O	Not Used	1
	LOOP ID - N1					1
	2200	N1	Name - Ship To	O	Not Used	1
	2300	N2	Additional Name Information	O	Not Used	2
	2400	N3	Party Location	O	Not Used	2
	2500	N4	Geographic Location	O	Not Used	1
	2600	REF	Reference Information	O	Not Used	12
	2700	PER	Administrative Communications Contact	O	Not Used	3
	2800	FOB	F.O.B. Related Instructions	O	Not Used	1
	LOOP ID - N1					1
	2200	N1	Name - Ship From	O	Not Used	1
	2300	N2	Additional Name Information	O	Not Used	2
	2400	N3	Party Location	O	Not Used	2
	2500	N4	Geographic Location	O	Not Used	1
	2600	REF	Reference Information	O	Not Used	12
	2700	PER	Administrative Communications Contact	O	Not Used	3
	2800	FOB	F.O.B. Related Instructions	O	Not Used	1
	2900	SDQ	Destination Quantity	O	Not Used	50
	3000	ETD	Excess Transportation Detail	O	Not Used	1
	3100	CUR	Currency	O	Not Used	1
	LOOP ID - SAC					>1
	3200	SAC	Service, Promotion, Allowance, or Charge Information	O	Not Used	1
	3250	CUR	Currency	O	Not Used	1

3300	GF	Furnished Goods and Services	O	Not Used	1			
3350	YNQ	Yes/No Question	O	Not Used	10			
LOOP ID - LM						10		
3400	LM	Code Source Information	O	Not Used	1			
3500	LQ	Industry Code Identification	M	Not Used	100			
LOOP ID - V1						>1		
3600	V1	Vessel Identification	O	Not Used	1			
3700	R4	Port or Terminal	O	Not Used	>1			
3800	DTM	Date/Time Reference	O	Not Used	>1			

Summary:

Page No.	Pos. No.	Seg. ID	Name	Base Guide	Yazaki Usage	Max.Use	Loop Repeat	Notes and Comments
102	0100	CTT	Transaction Totals	O	Must Use	1		n1
103	0200	SE	Transaction Set Trailer	M	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Transaction Set Comments

1. The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

Segment:	ST Transaction Set Header
Position:	0100
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set). 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.
Comments:	
Business Rules:	1. ALWAYS call External Routine 'CheckCTT.SetCheckCTT'
Notes:	Example: ST*856*0001~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code	M 1 ID 3/3	M
		Code uniquely identifying a Transaction Set		
		856 X12.10 Ship Notice/Manifest		
ST02	329	Transaction Set Control Number	M 1 AN 4/9	M
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
		The value sent in element SE02 must match this value.		
ST03	1705	Implementation Convention Reference	O 1 AN 1/35	N/U

Segment:	BSN Beginning Segment for Ship Notice
Position:	0200
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit identifying numbers, dates, and other basic data relating to the transaction set
Syntax Notes:	1 If BSN07 is present, then BSN06 is required.
Semantic Notes:	1 BSN03 is the date the shipment transaction set is created. 2 BSN04 is the time the shipment transaction set is created. 3 BSN06 is limited to shipment related codes.
Comments:	1 BSN06 and BSN07 differentiate the functionality of use for the transaction set.
Notes:	Example: BSN*00*123456*19991215*1159~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
BSN01	353	Transaction Set Purpose Code	M 1 ID 2/2	M
		Code identifying purpose of transaction set		
		The only allowed Transaction Set Purpose Code is "00" (original). YNA does not support the modification, replacement, or cancellation of previously transmitted ASNs. Should the sender need to change, replace, add to, or delete any of the information on a previously transmitted ASN they must contact their YNA Material Analyst directly.		
		The only exception to this rule is if the previously transmitted ASN has been rejected. If the sender of an ASN receives either a 997 Acknowledgment or an 824 Application Advice indicating that the ASN was rejected, then the sender should make any required corrections and retransmit the 856 using the "00" (original) Transaction Set Purpose Code.		
		00 Original		
BSN02	396	Shipment Identification	M 1 AN 2/30	M
		A unique control number assigned by the original shipper to identify a specific shipment		
		1. This number must not be repeated within a one year period. 2. YNA recommends using the shipment identification number (SID) in this element.		
BSN03	373	Date	M 1 DT 8/8	M
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
BSN04	337	Time	M 1 TM 4/8	M
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
		1. YNA expects the time to be specified in HHMM format.		

BSN05	1005	Hierarchical Structure Code	O	1	ID 4/4	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
BSN06	640	Transaction Type Code	X	1	ID 2/2	
		Code specifying the type of transaction				
		If a "DO" is sent in this element, then the shipment is for a Direct Shipment to a YNA customer. When direct shipments are made, the supplier must send an 856 to YNA, not the customer, and this 856 must contain the customer's data exactly as it was received from YNA on the 830 direct shipment release.				
		If no value is sent in this element, then the shipment is for a normal shipment to a Yazaki facility. The data contained on these normal releases will be YNA's data, not the customer's. When normal shipments are made, the supplier must send an 856 to YNA, not the customer, and this 856 must contain YNA's data exactly as it was received on the 830 release from YNA.				
		DO	Drop Shipment Invoice			
BSN07	641	Status Reason Code	O	1	ID 3/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				

Segment: **DTM** **Date/Time Reference - Shipped Date**
Position: 0400
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: 1. When DTM01 = "011" then DTM02, DTM03, and DTM04 are the shipper's local date/time.

Example: DTM*011*20010415*1159*ET~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
DTM01	374	Date/Time Qualifier	M 1 ID 3/3	M
		Code specifying type of date or time, or both date and time		
		011 Shipped		
DTM02	373	Date	X 1 DT 8/8	
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
DTM03	337	Time	X 1 TM 4/8	
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
		1. YNA expects the time to be specified in HHMM format.		
DTM04	623	Time Code	O 1 ID 2/2	D
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
		1. If a time is sent in element DTM03, then a time code in element DTM04 is mandatory.		
		01	Equivalent to ISO P01	
			Used for most of Western Europe, Algeria, Angola, Benin, Libya, Tunisia, etc.	
		02	Equivalent to ISO P02	
			Used for Belarus, Bulgaria, Egypt, Estonia, Finland, Greece, Israel, Jordan, Latvia, Lebanon, Romania, Russia (cities of: Bransk, Moscow, Novgorod, St. Petersburg, Tula, etc.),	

	South Africa, Sudan, Syria, Turkey, Ukraine, Zimbabwe, etc.
03	Equivalent to ISO P03 Used for Armenia, Azerbaijan, Ethiopia, Georgia, Iran, Iraq, Kenya, Kuwait, Madagascar, Russia (cities of Archangel, Jaroslavl, Kaliningrad, Samara, Tver, etc.), Saudi Arabia, Tanzania, Uganda, etc.
04	Equivalent to ISO P04 Used for Russia (cities of Jekaterinburg, Perm, etc.), etc.
05	Equivalent to ISO P05 Used for India, Pakistan, Russia (cities of Omsk, etc.), Uzbekistan, etc.
06	Equivalent to ISO P06 Used for Bangladesh, Myanmar, Russia (cities of Novosibirsk, Tomsk, etc.), etc.
07	Equivalent to ISO P07 Used for Indonesia, Russia (cities of Irkutsk, etc.), Thailand, Viet Nam, etc.
08	Equivalent to ISO P08 Used for Australia (cities of Perth, etc.), China (cities of Beijing, Chengdu, Chongqing, Guangzhou, Harbin, Hong Kong, Mukden, Nanjing, Shanghai, Tientsin, Urumqi, Wuhan, Xi'An, etc.), Malaysia, Mongolia, Philippines, Russia (cities of Cita, Jakutsk, etc.), Singapore, Taiwan, etc.
09	Equivalent to ISO P09 Used for Australia (cities of Adelaide, Darwin, etc.), Japan, South Korea, etc.
10	Equivalent to ISO P10 Used for Australia (cities of Brisbane, Melbourne, Sydney, etc.), New Guinea, etc.
11	Equivalent to ISO P11 Used for Russia (cities of Kamchatka, etc.), etc.
12	Equivalent to ISO P12 Used for New Zealand, etc.
13	Equivalent to ISO M12
14	Equivalent to ISO M11
15	Equivalent to ISO M10 Not used. Use either HD or HT instead.
16	Equivalent to ISO M09 Not used. Use either AD or AT instead.
17	Equivalent to ISO M08 Not used. Use either PD or PT instead.
18	Equivalent to ISO M07 Not used. Use either MD or MT instead.

19	Equivalent to ISO M06 Not used. Use either CD or CT instead.
20	Equivalent to ISO M05 Not used. Use either ED or ET instead.
21	Equivalent to ISO M04 Used for Bolivia, Canada (cities of Toronto, etc.), Chile, Dominican Republic, Puerto Rico, Venezuela, etc.
22	Equivalent to ISO M03 Used for Argentina, Brazil, Uruguay, etc.
23	Equivalent to ISO M02
24	Equivalent to ISO M01
AD	Alaska Daylight Time See Alaska Time for a partial list of the cities located in this time zone.
AT	Alaska Time Used for Alaska (excluding the Aleutian Islands).
CD	Central Daylight Time See Central Time for a partial list of the cities located in this time zone.
CT	Central Time Used for Canada (cities of Winnipeg, etc.), Costa Rica, El Salvador, Guatemala, Mexico (cities of Acapulco, Cancun, Chihuahua, Ciudad Juarez, Durango, Guadalajara, Leon, Matamoros, Merida, Mexico City, Monterrey, Nuevo Laredo, Puebla, San Luis Potosi, Tampico, Torreon, Veracruz, etc.), Nicaragua, United States (cities of Abilene, Amarillo, Cedar Rapids, Chicago, Dallas, Des Moines, Evansville, Fargo, Fort Worth, Gary, Houston, Jackson, Kansas City, Lincoln, Little Rock, Lubbock, Memphis, Milwaukee, Minneapolis, Nashville, New Orleans, Oklahoma City, St. Louis, Topeka, etc.)
ED	Eastern Daylight Time See Eastern Time for a partial list of the cities located in this time zone.
ET	Eastern Time Used for Bahamas, Canada (cities of Montreal, Ottawa, Quebec, etc.), Columbia, Cuba, Ecuador, Haiti, Jamaica, Panama, Peru, United States (cities of Atlanta, Baltimore, Boston, Cleveland, Detroit, Fort Wayne, Hartford, Indianapolis, Jacksonville, Knoxville, Louisville, Miami, New York, Newark, Norfolk, Philadelphia, Providence, Richmond, etc.), etc.
GM	Greenwich Mean Time Used for the Cote D'Ivoire (Ivory Coast), England, Iceland, Ireland, Liberia, Morocco, Northern Ireland, Portugal, Scotland, Senegal, Wales, etc.

		HD	Hawaii-Aleutian Daylight Time See Hawaiian-Aleutian Time for a partial list of the cities located in this time zone.
		HT	Hawaii-Aleutian Time Used for Hawaii and the Aleutian Islands.
		MD	Mountain Daylight Time See Mountain Time for a partial list of the cities located in this time zone.
		MT	Mountain Time Used for Canada (cities of Calgary, Edmonton, etc.), Mexico (cities of Hermosillo, Nogales, etc.), United States (cities of Albuquerque, Billings, Boise, Colorado Springs, Denver, El Paso, Ogden, Phoenix, Salt Lake City, Tucson, etc.)
		ND	Newfoundland Daylight Time See Newfoundland Time for a partial list of the cities located in this time zone.
		NT	Newfoundland Time
		PD	Pacific Daylight Time See Pacific Time for a partial list of the cities located in this time zone.
		PT	Pacific Time Used for Canada (cities of Vancouver, etc.), United States (cities of Eugene, Las Vegas, Los Angeles, Portland, San Francisco, San Diego, Seattle, etc.)
		TD	Atlantic Daylight Time See Atlantic Time for a partial list of the cities located in this time zone.
		TT	Atlantic Time
DTM05	1250	Date Time Period Format Qualifier	X 1 ID 2/3 N/U Refer to 005050 Data Element Dictionary for acceptable code values.
DTM06	1251	Date Time Period	X 1 AN 1/35 N/U

Segment: **DTM** **Date/Time Reference - ETD/Sailing Date**
Position: 0400
Loop:
Level: Heading
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:**

Notes:

1. This segment is MANDATORY for all ocean based shipments, but is NOT USED for either truck-based or air freight shipments.
2. When DTM01 = "005" then DTM02, DTM03, and DTM04 are the local date/time for the port of departure.

Example: DTM*005*20010415*1159*ET~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
DTM01	374	Date/Time Qualifier	M 1 ID 3/3	M
		Code specifying type of date or time, or both date and time		
		005 Sailing		
DTM02	373	Date	X 1 DT 8/8	
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
DTM03	337	Time	X 1 TM 4/8	
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
		1. YNA expects the time to be specified in HHMM format.		
DTM04	623	Time Code	O 1 ID 2/2	D
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
		1. If a time is sent in element DTM03, then a time code in element DTM04 is mandatory.		
		01	Equivalent to ISO P01	
			Used for most of Western Europe, Algeria, Angola, Benin, Libya, Tunisia, etc.	
		02	Equivalent to ISO P02	
			Used for Belarus, Bulgaria, Egypt, Estonia, Finland, Greece,	

	Israel, Jordan, Latvia, Lebanon, Romania, Russia (cities of: Bransk, Moskow, Novgorod, St. Petersburg, Tula, etc.), South Africa, Sudan, Syria, Turkey, Ukraine, Zimbabwe, etc.
03	Equivalent to ISO P03 Used for Armenia, Azerbaijan, Ethiopia, Georgia, Iran, Iraq, Kenya, Kuwait, Madagascar, Russia (cities of Archangel, Jaroslavl, Kaliningrad, Samara, Tver, etc.), Saudi Arabia, Tanzania, Uganda, etc.
04	Equivalent to ISO P04 Used for Russia (cities of Jekaterinburg, Perm, etc.), etc.
05	Equivalent to ISO P05 Used for India, Pakistan, Russia (cities of Omsk, etc.), Uzbekistan, etc.
06	Equivalent to ISO P06 Used for Bangladesh, Myanmar, Russia (cities of Novosibirsk, Tomsk, etc.), etc.
07	Equivalent to ISO P07 Used for Indonesia, Russia (cities of Irkutsk, etc.), Thailand, Viet Nam, etc.
08	Equivalent to ISO P08 Used for Australia (cities of Perth, etc.), China (cities of Beijing, Chengdu, Chongqing, Guangzhou, Harbin, Hong Kong, Mukden, Nanjing, Shanghai, Tientsin, Urumqi, Wuhan, Xi'An, etc.), Malaysia, Mongolia, Philippines, Russia (cities of Cita, Jakutsk, etc.), Singapore, Taiwan, etc.
09	Equivalent to ISO P09 Used for Australia (cities of Adelaide, Darwin, etc.), Japan, South Korea, etc.
10	Equivalent to ISO P10 Used for Australia (cities of Brisbane, Melbourne, Sydney, etc.), New Guinea, etc.
11	Equivalent to ISO P11 Used for Russia (cities of Kamchatka, etc.), etc.
12	Equivalent to ISO P12 Used for New Zealand, etc.
13	Equivalent to ISO M12
14	Equivalent to ISO M11
15	Equivalent to ISO M10 Not used. Use either HD or HT instead.
16	Equivalent to ISO M09 Not used. Use either AD or AT instead.
17	Equivalent to ISO M08 Not used. Use either PD or PT instead.
18	Equivalent to ISO M07

	Not used. Use either MD or MT instead.
19	Equivalent to ISO M06
	Not used. Use either CD or CT instead.
20	Equivalent to ISO M05
	Not used. Use either ED or ET instead.
21	Equivalent to ISO M04
	Used for Bolivia, Canada (cities of Toronto, etc.), Chile, Dominican Republic, Puerto Rico, Venezuela, etc.
22	Equivalent to ISO M03
	Used for Argentina, Brazil, Uruguay, etc.
23	Equivalent to ISO M02
24	Equivalent to ISO M01
AD	Alaska Daylight Time
	See Alaska Time for a partial list of the cities located in this time zone.
AT	Alaska Time
	Used for Alaska (excluding the Aleutian Islands).
CD	Central Daylight Time
	See Central Time for a partial list of the cities located in this time zone.
CT	Central Time
	Used for Canada (cities of Winnipeg, etc.), Costa Rica, El Salvador, Guatemala, Mexico (cities of Acapulco, Cancun, Chihuahua, Ciudad Juarez, Durango, Guadalajara, Leon, Matamoros, Merida, Mexico City, Monterrey, Nuevo Laredo, Puebla, San Luis Potosi, Tampico, Torreon, Veracruz, etc.), Nicaragua, United States (cities of Abilene, Amarillo, Cedar Rapids, Chicago, Dallas, Des Moines, Evansville, Fargo, Fort Worth, Gary, Houston, Jackson, Kansas City, Lincoln, Little Rock, Lubbock, Memphis, Milwaukee, Minneapolis, Nashville, New Orleans, Oklahoma City, St. Louis, Topeka, etc.)
ED	Eastern Daylight Time
	See Eastern Time for a partial list of the cities located in this time zone.
ET	Eastern Time
	Used for Bahamas, Canada (cities of Montreal, Ottawa, Quebec, etc.), Columbia, Cuba, Ecuador, Haiti, Jamaica, Panama, Peru, United States (cities of Atlanta, Baltimore, Boston, Cleveland, Detroit, Fort Wayne, Hartford, Indianapolis, Jacksonville, Knoxville, Louisville, Miami, New York, Newark, Norfolk, Philadelphia, Providence, Richmond, etc.), etc.
GM	Greenwich Mean Time
	Used for the Cote D'Ivoire (Ivory Coast), England, Iceland,

					Ireland, Liberia, Morocco, Northern Ireland, Portugal, Scotland, Senegal, Wales, etc.
		HD			Hawaii-Aleutian Daylight Time See Hawaiian-Aleutian Time for a partial list of the cities located in this time zone.
		HT			Hawaii-Aleutian Time Used for Hawaii and the Aleutian Islands.
		MD			Mountain Daylight Time See Mountain Time for a partial list of the cities located in this time zone.
		MT			Mountain Time Used for Canada (cities of Calgary, Edmonton, etc.), Mexico (cities of Hermosillo, Nogales, etc.), United States (cities of Albuquerque, Billings, Boise, Colorado Springs, Denver, El Paso, Ogden, Phoenix, Salt Lake City, Tucson, etc.)
		ND			Newfoundland Daylight Time See Newfoundland Time for a partial list of the cities located in this time zone.
		NT			Newfoundland Time
		PD			Pacific Daylight Time See Pacific Time for a partial list of the cities located in this time zone.
		PT			Pacific Time Used for Canada (cities of Vancouver, etc.), United States (cities of Eugene, Las Vegas, Los Angeles, Portland, San Francisco, San Diego, Seattle, etc.)
		TD			Atlantic Daylight Time See Atlantic Time for a partial list of the cities located in this time zone.
		TT			Atlantic Time
DTM05	1250	Date Time Period Format Qualifier			X 1 ID 2/3 N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
DTM06	1251	Date Time Period			X 1 AN 1/35 N/U

Segment: **DTM** **Date/Time Reference - ETA/Port of Entry Date**

Position: 0400

Loop:

Level: Heading

Usage: Optional (Dependent)

Max Use: 1

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

1. This segment is MANDATORY for all ocean based shipments, but is NOT USED for either truck-based or air freight shipments.
2. When DTM01 = "056" then DTM02, DTM03, and DTM04 are the local date/time at the port of arrival.

Example: DTM*056*20010415*1159*ET~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
DTM01	374	Date/Time Qualifier	M 1 ID 3/3	M
		Code specifying type of date or time, or both date and time		
		056 Estimated Port of Entry		
DTM02	373	Date	X 1 DT 8/8	
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
DTM03	337	Time	X 1 TM 4/8	
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
		1. YNA expects the time to be specified in HHMM format.		
DTM04	623	Time Code	O 1 ID 2/2	D
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
		1. If a time is sent in element DTM03, then a time code in element DTM04 is mandatory.		
		01 Equivalent to ISO P01		
		Used for most of Western Europe, Algeria, Angola, Benin, Libya, Tunisia, etc.		
		02 Equivalent to ISO P02		
		Used for Belarus, Bulgaria, Egypt, Estonia, Finland, Greece,		

	Israel, Jordan, Latvia, Lebanon, Romania, Russia (cities of: Bransk, Moskow, Novgorod, St. Petersburg, Tula, etc.), South Africa, Sudan, Syria, Turkey, Ukraine, Zimbabwe, etc.
03	Equivalent to ISO P03 Used for Armenia, Azerbaijan, Ethiopia, Georgia, Iran, Iraq, Kenya, Kuwait, Madagascar, Russia (cities of Archangel, Jaroslavl, Kaliningrad, Samara, Tver, etc.), Saudi Arabia, Tanzania, Uganda, etc.
04	Equivalent to ISO P04 Used for Russia (cities of Jekaterinburg, Perm, etc.), etc.
05	Equivalent to ISO P05 Used for India, Pakistan, Russia (cities of Omsk, etc.), Uzbekistan, etc.
06	Equivalent to ISO P06 Used for Bangladesh, Myanmar, Russia (cities of Novosibirsk, Tomsk, etc.), etc.
07	Equivalent to ISO P07 Used for Indonesia, Russia (cities of Irkutsk, etc.), Thailand, Viet Nam, etc.
08	Equivalent to ISO P08 Used for Australia (cities of Perth, etc.), China (cities of Beijing, Chengdu, Chongqing, Guangzhou, Harbin, Hong Kong, Mukden, Nanjing, Shanghai, Tientsin, Urumqi, Wuhan, Xi'An, etc.), Malaysia, Mongolia, Philippines, Russia (cities of Cita, Jakutsk, etc.), Singapore, Taiwan, etc.
09	Equivalent to ISO P09 Used for Australia (cities of Adelaide, Darwin, etc.), Japan, South Korea, etc.
10	Equivalent to ISO P10 Used for Australia (cities of Brisbane, Melbourne, Sydney, etc.), New Guinea, etc.
11	Equivalent to ISO P11 Used for Russia (cities of Kamchatka, etc.), etc.
12	Equivalent to ISO P12 Used for New Zealand, etc.
13	Equivalent to ISO M12
14	Equivalent to ISO M11
15	Equivalent to ISO M10 Not used. Use either HD or HT instead.
16	Equivalent to ISO M09 Not used. Use either AD or AT instead.
17	Equivalent to ISO M08 Not used. Use either PD or PT instead.
18	Equivalent to ISO M07

	Not used. Use either MD or MT instead.
19	Equivalent to ISO M06
	Not used. Use either CD or CT instead.
20	Equivalent to ISO M05
	Not used. Use either ED or ET instead.
21	Equivalent to ISO M04
	Used for Bolivia, Canada (cities of Toronto, etc.), Chile, Dominican Republic, Puerto Rico, Venezuela, etc.
22	Equivalent to ISO M03
	Used for Argentina, Brazil, Uruguay, etc.
23	Equivalent to ISO M02
24	Equivalent to ISO M01
AD	Alaska Daylight Time
	See Alaska Time for a partial list of the cities located in this time zone.
AT	Alaska Time
	Used for Alaska (excluding the Aleutian Islands).
CD	Central Daylight Time
	See Central Time for a partial list of the cities located in this time zone.
CT	Central Time
	Used for Canada (cities of Winnipeg, etc.), Costa Rica, El Salvador, Guatemala, Mexico (cities of Acapulco, Cancun, Chihuahua, Ciudad Juarez, Durango, Guadalajara, Leon, Matamoros, Merida, Mexico City, Monterrey, Nuevo Laredo, Puebla, San Luis Potosi, Tampico, Torreon, Veracruz, etc.), Nicaragua, United States (cities of Abilene, Amarillo, Cedar Rapids, Chicago, Dallas, Des Moines, Evansville, Fargo, Fort Worth, Gary, Houston, Jackson, Kansas City, Lincoln, Little Rock, Lubbock, Memphis, Milwaukee, Minneapolis, Nashville, New Orleans, Oklahoma City, St. Louis, Topeka, etc.)
ED	Eastern Daylight Time
	See Eastern Time for a partial list of the cities located in this time zone.
ET	Eastern Time
	Used for Bahamas, Canada (cities of Montreal, Ottawa, Quebec, etc.), Columbia, Cuba, Ecuador, Haiti, Jamaica, Panama, Peru, United States (cities of Atlanta, Baltimore, Boston, Cleveland, Detroit, Fort Wayne, Hartford, Indianapolis, Jacksonville, Knoxville, Louisville, Miami, New York, Newark, Norfolk, Philadelphia, Providence, Richmond, etc.), etc.
GM	Greenwich Mean Time
	Used for the Cote D'Ivoire (Ivory Coast), England, Iceland,

					Ireland, Liberia, Morocco, Northern Ireland, Portugal, Scotland, Senegal, Wales, etc.
		HD			Hawaii-Aleutian Daylight Time See Hawaiian-Aleutian Time for a partial list of the cities located in this time zone.
		HT			Hawaii-Aleutian Time Used for Hawaii and the Aleutian Islands.
		MD			Mountain Daylight Time See Mountain Time for a partial list of the cities located in this time zone.
		MT			Mountain Time Used for Canada (cities of Calgary, Edmonton, etc.), Mexico (cities of Hermosillo, Nogales, etc.), United States (cities of Albuquerque, Billings, Boise, Colorado Springs, Denver, El Paso, Ogden, Phoenix, Salt Lake City, Tucson, etc.)
		ND			Newfoundland Daylight Time See Newfoundland Time for a partial list of the cities located in this time zone.
		NT			Newfoundland Time
		PD			Pacific Daylight Time See Pacific Time for a partial list of the cities located in this time zone.
		PT			Pacific Time Used for Canada (cities of Vancouver, etc.), United States (cities of Eugene, Las Vegas, Los Angeles, Portland, San Francisco, San Diego, Seattle, etc.)
		TD			Atlantic Daylight Time See Atlantic Time for a partial list of the cities located in this time zone.
		TT			Atlantic Time
DTM05	1250	Date Time Period Format Qualifier			X 1 ID 2/3 N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
DTM06	1251	Date Time Period			X 1 AN 1/35 N/U

Segment: **DTM** **Date/Time Reference - Delivery Date**
Position: 0400
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
 2 If DTM04 is present, then DTM03 is required.
 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: 1. When DTM01 = "017" then DTM02, DTM03, and DTM04 are the receiver's local date and time.

Example: DTM*017*20010415*1530*CT~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
DTM01	374	Date/Time Qualifier	M 1 ID 3/3	M
		Code specifying type of date or time, or both date and time		
		017 Estimated Delivery		
DTM02	373	Date	X 1 DT 8/8	
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
DTM03	337	Time	X 1 TM 4/8	
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
		1. YNA expects the time to be specified in HHMM format.		
DTM04	623	Time Code	O 1 ID 2/2	D
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
		1. If a time is sent in element DTM03, then a time code in element DTM04 is mandatory.		
		01	Equivalent to ISO P01	
			Used for most of Western Europe, Algeria, Angola, Benin, Libya, Tunisia, etc.	
		02	Equivalent to ISO P02	
			Used for Belarus, Bulgaria, Egypt, Estonia, Finland, Greece, Israel, Jordan, Latvia, Lebanon, Romania, Russia (cities of: Bransk, Moscow, Novgorod, St. Petersburg, Tula, etc.),	

	South Africa, Sudan, Syria, Turkey, Ukraine, Zimbabwe, etc.
03	Equivalent to ISO P03
	Used for Armenia, Azerbaijan, Ethiopia, Georgia, Iran, Iraq, Kenya, Kuwait, Madagascar, Russia (cities of Archangel, Jaroslavl, Kaliningrad, Samara, Tver, etc.), Saudi Arabia, Tanzania, Uganda, etc.
04	Equivalent to ISO P04
	Used for Russia (cities of Jekaterinburg, Perm, etc.), etc.
05	Equivalent to ISO P05
	Used for India, Pakistan, Russia (cities of Omsk, etc.), Uzbekistan, etc.
06	Equivalent to ISO P06
	Used for Bangladesh, Myanmar, Russia (cities of Novosibirsk, Tomsk, etc.), etc.
07	Equivalent to ISO P07
	Used for Indonesia, Russia (cities of Irkutsk, etc.), Thailand, Viet Nam, etc.
08	Equivalent to ISO P08
	Used for Australia (cities of Perth, etc.), China (cities of Beijing, Chengdu, Chongqing, Guangzhou, Harbin, Hong Kong, Mukden, Nanjing, Shanghai, Tientsin, Urumqi, Wuhan, Xi'An, etc.), Malaysia, Mongolia, Philippines, Russia (cities of Cita, Jakutsk, etc.), Singapore, Taiwan, etc.
09	Equivalent to ISO P09
	Used for Australia (cities of Adelaide, Darwin, etc.), Japan, South Korea, etc.
10	Equivalent to ISO P10
	Used for Australia (cities of Brisbane, Melbourne, Sydney, etc.), New Guinea, etc.
11	Equivalent to ISO P11
	Used for Russia (cities of Kamchatka, etc.), etc.
12	Equivalent to ISO P12
	Used for New Zealand, etc.
13	Equivalent to ISO M12
14	Equivalent to ISO M11
15	Equivalent to ISO M10
	Used for Hawaii and the Aleutian Islands.
16	Equivalent to ISO M09
	Used for Alaska (excluding the Aleutian Islands).
17	Equivalent to ISO M08
	Not used. Use either PD or PT instead.
18	Equivalent to ISO M07
	Not used. Use either MD or MT instead.

19	Equivalent to ISO M06 Not used. Use either CD or CT instead.
20	Equivalent to ISO M05 Not used. Use either ED or ET instead.
21	Equivalent to ISO M04 Used for Bolivia, Canada (cities of Toronto, etc.), Chile, Dominican Republic, Puerto Rico, Venezuela, etc.
22	Equivalent to ISO M03 Used for Argentina, Brazil, Uruguay, etc.
23	Equivalent to ISO M02
24	Equivalent to ISO M01
AD	Alaska Daylight Time See Alaska Time for a partial list of the cities located in this time zone.
AT	Alaska Time Used for Alaska (excluding the Aleutian Islands).
CD	Central Daylight Time See Central Time for a partial list of the cities located in this time zone.
CT	Central Time Used for Canada (cities of Winnipeg, etc.), Costa Rica, El Salvador, Guatemala, Mexico (cities of Acapulco, Cancun, Chihuahua, Ciudad Juarez, Durango, Guadalajara, Leon, Matamoros, Merida, Mexico City, Monterrey, Nuevo Laredo, Puebla, San Luis Potosi, Tampico, Torreon, Veracruz, etc.), Nicaragua, United States (cities of Abilene, Amarillo, Cedar Rapids, Chicago, Dallas, Des Moines, Evansville, Fargo, Fort Worth, Gary, Houston, Jackson, Kansas City, Lincoln, Little Rock, Lubbock, Memphis, Milwaukee, Minneapolis, Nashville, New Orleans, Oklahoma City, St. Louis, Topeka, etc.)
ED	Eastern Daylight Time See Eastern Time for a partial list of the cities located in this time zone.
ET	Eastern Time Used for Bahamas, Canada (cities of Montreal, Ottawa, Quebec, etc.), Columbia, Cuba, Ecuador, Haiti, Jamaica, Panama, Peru, United States (cities of Atlanta, Baltimore, Boston, Cleveland, Detroit, Fort Wayne, Hartford, Indianapolis, Jacksonville, Knoxville, Louisville, Miami, New York, Newark, Norfolk, Philadelphia, Providence, Richmond, etc.), etc.
GM	Greenwich Mean Time Used for the Cote D'Ivoire (Ivory Coast), England, Iceland, Ireland, Liberia, Morocco, Northern Ireland, Portugal, Scotland, Senegal, Wales, etc.

		HD	Hawaii-Aleutian Daylight Time				
			See Hawaiian-Aleutian Time for a partial list of the cities located in this time zone.				
		HT	Hawaii-Aleutian Time				
			Used for Hawaii and the Aleutian Islands.				
		MD	Mountain Daylight Time				
			See Mountain Time for a partial list of the cities located in this time zone.				
		MT	Mountain Time				
			Used for Canada (cities of Calgary, Edmonton, etc.), Mexico (cities of Hermosillo, Nogales, etc.), United States (cities of Albuquerque, Billings, Boise, Colorado Springs, Denver, El Paso, Ogden, Phoenix, Salt Lake City, Tucson, etc.)				
		ND	Newfoundland Daylight Time				
			See Newfoundland Time for a partial list of the cities located in this time zone.				
		NT	Newfoundland Time				
		PD	Pacific Daylight Time				
			See Pacific Time for a partial list of the cities located in this time zone.				
		PT	Pacific Time				
			Used for Canada (cities of Vancouver, etc.), United States (cities of Eugene, Las Vegas, Los Angeles, Portland, San Francisco, San Diego, Seattle, etc.)				
		TD	Atlantic Daylight Time				
			See Atlantic Time for a partial list of the cities located in this time zone.				
		TT	Atlantic Time				
DTM05	1250	Date Time Period Format Qualifier		X	1	ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
DTM06	1251	Date Time Period		X	1	AN 1/35	N/U

Segment: **HL** **Hierarchical Level - Shipment Level**
Position: 0100
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:**Semantic Notes:**

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: Example: HL*1**S~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
HL01	628	Hierarchical ID Number	M 1 AN 1/12	M
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure		
HL02	734	Hierarchical Parent ID Number	O 1 AN 1/12	N/U
HL03	735	Hierarchical Level Code	M 1 ID 1/2	M
		Code defining the characteristic of a level in a hierarchical structure		
		S Shipment		
HL04	736	Hierarchical Child Code	O 1 ID 1/1	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.		

Segment:	MEA Measurements - Gross Weight
Position:	0800
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 Only one of MEA04 or MEA12 may be present. 3 If MEA05 is present, then at least one of MEA04 or MEA12 is required. 4 If MEA06 is present, then at least one of MEA04 or MEA12 is required. 5 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 6 Only one of MEA08 or MEA03 may be present. 7 If either MEA11 or MEA12 is present, then the other is required.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06. 2 MEA11 is the external code list for the unit of measure. 3 MEA12 defines the unit of measure for MEA03, MEA05, and MEA06 from an external code list.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	1. This segment is used to transmit the gross weight measurement for the entire shipment. 2. The value sent in element MEA04 must equal the total of all of the pallet gross weights (element PAL11) that are contained in the shipment. 3. The value sent in element MEA04 must equal the Shipment Net Weight plus the Shipment Tare Weight.
	Example: MEA*PD*G*59*LB~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code	O 1 ID 2/2	Must Use
		Code identifying the broad category to which a measurement applies		
		PD Physical Dimensions (Product Ordered)		
MEA02	738	Measurement Qualifier	O 1 ID 1/3	Must Use
		Code identifying a specific product or process characteristic to which a measurement applies		
		G Gross Weight		
MEA03	739	Measurement Value	X 1 R 1/20	Must Use
		The value of the measurement		

MEA04	C001	Composite Unit of Measure	X	1	
		To identify a composite unit of measure (See Figures Appendix for examples of use)			
		MEA04 is a composite data element, C001, which contains 15 simple data elements. YNA only utilizes the first component of the composite, data element 355.			
C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	M
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		KG	Kilogram		
		LB	Pound		
		TN	Net Ton (2,000 LB).		
C00102	1018	Exponent	O	R 1/15	N/U
C00103	649	Multiplier	O	R 1/10	N/U
C00104	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00105	1018	Exponent	O	R 1/15	N/U
C00106	649	Multiplier	O	R 1/10	N/U
C00107	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00108	1018	Exponent	O	R 1/15	N/U
C00109	649	Multiplier	O	R 1/10	N/U
C00110	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00111	1018	Exponent	O	R 1/15	N/U
C00112	649	Multiplier	O	R 1/10	N/U
C00113	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00114	1018	Exponent	O	R 1/15	N/U
C00115	649	Multiplier	O	R 1/10	N/U
MEA05	740	Range Minimum	X	1 R 1/20	N/U
MEA06	741	Range Maximum	X	1 R 1/20	N/U
MEA07	935	Measurement Significance Code	O	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA08	936	Measurement Attribute Code	X	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA09	752	Surface/Layer/Position Code	O	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA10	1373	Measurement Method or Device	O	1 ID 2/4	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA11	1270	Code List Qualifier Code	X	1 ID 1/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			

MEA12 1271 Industry Code

X 1 AN 1/30 N/U

Segment:	MEA Measurements - Net Weight
Position:	0800
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 Only one of MEA04 or MEA12 may be present. 3 If MEA05 is present, then at least one of MEA04 or MEA12 is required. 4 If MEA06 is present, then at least one of MEA04 or MEA12 is required. 5 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 6 Only one of MEA08 or MEA03 may be present. 7 If either MEA11 or MEA12 is present, then the other is required.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06. 2 MEA11 is the external code list for the unit of measure. 3 MEA12 defines the unit of measure for MEA03, MEA05, and MEA06 from an external code list.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	1. This segment is used to transmit the net weight measurement for the entire shipment. 2. The value sent in element MEA04 must equal the total of all of the carton gross weights (element CLD01 multiplied by element CLD04) that are contained in the shipment. 3. The value sent in element MEA04 must equal the Shipment Gross Weight minus the Shipment Tare Weight. Example: MEA*PD*N*54*LB~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code	O 1 ID 2/2	Must Use
		Code identifying the broad category to which a measurement applies		
		PD Physical Dimensions (Product Ordered)		
MEA02	738	Measurement Qualifier	O 1 ID 1/3	Must Use
		Code identifying a specific product or process characteristic to which a measurement applies		
		N Actual Net Weight		
MEA03	739	Measurement Value	X 1 R 1/20	Must Use
		The value of the measurement		

MEA04	C001	Composite Unit of Measure	X	1	
		To identify a composite unit of measure (See Figures Appendix for examples of use)			
		MEA04 is a composite data element, C001, which contains 15 simple data elements. YNA only utilizes the first component of the composite, data element 355.			
C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	M
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		KG	Kilogram		
		LB	Pound		
		TN	Net Ton (2,000 LB).		
C00102	1018	Exponent	O	R 1/15	N/U
C00103	649	Multiplier	O	R 1/10	N/U
C00104	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00105	1018	Exponent	O	R 1/15	N/U
C00106	649	Multiplier	O	R 1/10	N/U
C00107	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00108	1018	Exponent	O	R 1/15	N/U
C00109	649	Multiplier	O	R 1/10	N/U
C00110	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00111	1018	Exponent	O	R 1/15	N/U
C00112	649	Multiplier	O	R 1/10	N/U
C00113	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00114	1018	Exponent	O	R 1/15	N/U
C00115	649	Multiplier	O	R 1/10	N/U
MEA05	740	Range Minimum	X	1 R 1/20	N/U
MEA06	741	Range Maximum	X	1 R 1/20	N/U
MEA07	935	Measurement Significance Code	O	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA08	936	Measurement Attribute Code	X	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA09	752	Surface/Layer/Position Code	O	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA10	1373	Measurement Method or Device	O	1 ID 2/4	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA11	1270	Code List Qualifier Code	X	1 ID 1/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			

MEA12 1271 Industry Code

X 1 AN 1/30 N/U

Segment:	MEA Measurements - Tare Weight
Position:	0800
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 Only one of MEA04 or MEA12 may be present. 3 If MEA05 is present, then at least one of MEA04 or MEA12 is required. 4 If MEA06 is present, then at least one of MEA04 or MEA12 is required. 5 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 6 Only one of MEA08 or MEA03 may be present. 7 If either MEA11 or MEA12 is present, then the other is required.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06. 2 MEA11 is the external code list for the unit of measure. 3 MEA12 defines the unit of measure for MEA03, MEA05, and MEA06 from an external code list.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	1. This segment is used to transmit the tare weight measurement for the entire shipment. 2. The value sent in element MEA04 must equal the total of all of the pallet tare weights (element PAL05) that are contained in the shipment. 3. The value sent in element MEA04 must equal the Shipment Gross Weight minus the Shipment Net Weight.
	Example: MEA*PD*T*5*LB~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code	O 1 ID 2/2	Must Use
		Code identifying the broad category to which a measurement applies		
		PD Physical Dimensions (Product Ordered)		
MEA02	738	Measurement Qualifier	O 1 ID 1/3	Must Use
		Code identifying a specific product or process characteristic to which a measurement applies		
		T Tare Weight		
MEA03	739	Measurement Value	X 1 R 1/20	Must Use
		The value of the measurement		

MEA04	C001	Composite Unit of Measure	X	1	
		To identify a composite unit of measure (See Figures Appendix for examples of use)			
		MEA04 is a composite data element, C001, which contains 15 simple data elements. YNA only utilizes the first component of the composite, data element 355.			
C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	M
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		KG	Kilogram		
		LB	Pound		
		TN	Net Ton (2,000 LB).		
C00102	1018	Exponent	O	R 1/15	N/U
C00103	649	Multiplier	O	R 1/10	N/U
C00104	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00105	1018	Exponent	O	R 1/15	N/U
C00106	649	Multiplier	O	R 1/10	N/U
C00107	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00108	1018	Exponent	O	R 1/15	N/U
C00109	649	Multiplier	O	R 1/10	N/U
C00110	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00111	1018	Exponent	O	R 1/15	N/U
C00112	649	Multiplier	O	R 1/10	N/U
C00113	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00114	1018	Exponent	O	R 1/15	N/U
C00115	649	Multiplier	O	R 1/10	N/U
MEA05	740	Range Minimum	X	1 R 1/20	N/U
MEA06	741	Range Maximum	X	1 R 1/20	N/U
MEA07	935	Measurement Significance Code	O	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA08	936	Measurement Attribute Code	X	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA09	752	Surface/Layer/Position Code	O	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA10	1373	Measurement Method or Device	O	1 ID 2/4	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA11	1270	Code List Qualifier Code	X	1 ID 1/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			

MEA12 1271 Industry Code

X 1 AN 1/30 N/U

Segment:	MEA Measurements - Volume
Position:	0800
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 Only one of MEA04 or MEA12 may be present. 3 If MEA05 is present, then at least one of MEA04 or MEA12 is required. 4 If MEA06 is present, then at least one of MEA04 or MEA12 is required. 5 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 6 Only one of MEA08 or MEA03 may be present. 7 If either MEA11 or MEA12 is present, then the other is required.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06. 2 MEA11 is the external code list for the unit of measure. 3 MEA12 defines the unit of measure for MEA03, MEA05, and MEA06 from an external code list.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	1. This segment is used to transmit the volume measurement for the entire shipment. 2. This segment is MANDATORY. If the shipment volume is not available you must send this segment with a value of "0" (zero) in element MEA04.
	Example: MEA*PD*VOL*5*CR~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code	O 1 ID 2/2	Must Use
		Code identifying the broad category to which a measurement applies		
		PD Physical Dimensions (Product Ordered)		
MEA02	738	Measurement Qualifier	O 1 ID 1/3	Must Use
		Code identifying a specific product or process characteristic to which a measurement applies		
		VOL Volume		
MEA03	739	Measurement Value	X 1 R 1/20	Must Use
		The value of the measurement		
MEA04	C001	Composite Unit of Measure	X 1	
		To identify a composite unit of measure (See Figures Appendix for examples of use)		

MEA04 is a composite data element, C001, which contains 15 simple data elements.
YNA only utilizes the first component of the composite, data element 355.

C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	M
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		CF Cubic Feet			
		CR Cubic Meter			
C00102	1018	Exponent	O	R 1/15	N/U
C00103	649	Multiplier	O	R 1/10	N/U
C00104	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00105	1018	Exponent	O	R 1/15	N/U
C00106	649	Multiplier	O	R 1/10	N/U
C00107	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00108	1018	Exponent	O	R 1/15	N/U
C00109	649	Multiplier	O	R 1/10	N/U
C00110	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00111	1018	Exponent	O	R 1/15	N/U
C00112	649	Multiplier	O	R 1/10	N/U
C00113	355	Unit or Basis for Measurement Code	O	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C00114	1018	Exponent	O	R 1/15	N/U
C00115	649	Multiplier	O	R 1/10	N/U
MEA05	740	Range Minimum	X	1 R 1/20	N/U
MEA06	741	Range Maximum	X	1 R 1/20	N/U
MEA07	935	Measurement Significance Code	O	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA08	936	Measurement Attribute Code	X	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA09	752	Surface/Layer/Position Code	O	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA10	1373	Measurement Method or Device	O	1 ID 2/4	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA11	1270	Code List Qualifier Code	X	1 ID 1/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
MEA12	1271	Industry Code	X	1 AN 1/30	N/U

Segment:	TD1 Carrier Details (Quantity and Weight)
Position:	1100
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	20
Purpose:	To specify the transportation details relative to commodity, weight, and quantity
Syntax Notes:	1 If TD101 is present, then TD102 is required. 2 If TD103 is present, then TD104 is required. 3 If TD106 is present, then TD107 is required. 4 If either TD107 or TD108 is present, then the other is required. 5 If either TD109 or TD110 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	Example: TD1*CTN90*5~

Data Element Summary

Ref.	Data		Base			User	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>			<u>Attributes</u>	
TD101	103	Packaging Code	O	1	AN 3/5	Must	Use

Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required

Examples:

BIN90 Bin, Standard
 BOX25 Box, Corrugated or Solid
 BOX90 Box, Standard
 CTN79 Carton, Returnable
 CTN90 Carton, Standard
 PLT90 Pallet, Standard
 REL90 Reel, Standard
 SLP37 Slip Sheet, Fiberboard

or any other mutually agreed upon code that can be built from standard ANSI X-12 values. See below for a partial list of values commonly used by YNA:

BIN	Bin
BOX	Box
CTN	Carton
PLT	Pallet
REL	Reel
SLP	Slip Sheet
	Shipping containers utilizing slip sheets, which are cardboard platforms used to hold product for storage or transportation
25	Corrugated or Solid
37	Fiberboard
79	Plastic

		90	Standard				
		94	Wood				
TD102	80	Lading Quantity		X	1	N0 1/7	Must Use
		Number of units (pieces) of the lading commodity					
TD103	23	Commodity Code Qualifier		O	1	ID 1/1	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
TD104	22	Commodity Code		X	1	AN 1/30	N/U
TD105	79	Lading Description		O	1	AN 1/50	N/U
TD106	187	Weight Qualifier		O	1	ID 1/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
TD107	81	Weight		X	1	R 1/10	N/U
TD108	355	Unit or Basis for Measurement Code		X	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
TD109	183	Volume		X	1	R 1/8	N/U
TD110	355	Unit or Basis for Measurement Code		X	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					

Segment:	TD5	Carrier Details (Routing Sequence/Transit Time)
Position:	1200	
Loop:	HL	Mandatory
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To specify the carrier and sequence of routing and provide transit time information	
Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required. 2 If TD502 is present, then TD503 is required. 3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required. 5 If TD513 is present, then TD512 is required. 6 If TD514 is present, then TD513 is required. 7 If TD515 is present, then TD512 is required.	
Semantic Notes:	1 TD515 is the country where the service is to be performed.	
Comments:	1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.	
Notes:	Example: For a normal truck based shipment: TD5*B*2*UPS*LT~ For an Air shipment: TD5*B*2*UPS*A***OR*DTX~ NOTE: All shipments sent via boat start out as truck based shipments since a trucking company picks up the shipment from the factory. Therefore the "beginning" occurrence of the TD5 segment (TD501 = "B") for all shipments sent via boat must be configured as a truck based shipment.	

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
TD501	133	Routing Sequence Code	O 1 ID 1/2	Must Use
		Code describing the relationship of a carrier to a specific shipment movement		
		B Origin/Delivery Carrier (Any Mode)		
TD502	66	Identification Code Qualifier	X 1 ID 1/2	
		Code designating the system/method of code structure used for Identification Code (67)		
		2 Standard Carrier Alpha Code (SCAC)		
TD503	67	Identification Code	X 1 AN 2/80	
		Code identifying a party or other code		
		Business Rules:		
		Variable Name:TD503SCAC		

See below for a partial list of acceptable values.

1PNR	Pioneer
1YZK	Yazaki General Carrier
APLU	American President Lines, Inc.
KKLU	K-Line America
MOLU	Mitsui O.S.K. Lines
NPNE	Nippon
NYKS	NYK Line for Asia
NYKU	NYK Line
UPSN	United Parcel Service
YUGL	Yusen Air and Sea Service

TD504	91	Transportation Method/Type Code	X	1	ID 1/2	Must Use
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Code specifying the method or type of transportation for the shipment

A	Air
AE	Air Express
C	Consolidation
LT	Less Than Trailer Load (LTL)
M	Motor (Common Carrier)
O	Containerized Ocean

TD505	387	Routing	X	1	AN 1/35	N/U
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TD506	368	Shipment/Order Status Code	X	1	ID 2/2	N/U
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Refer to 005050 Data Element Dictionary for acceptable code values.

TD507	309	Location Qualifier	O	1	ID 1/2	D
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Code identifying type of location

1. This element is MANDATORY only if TD504 = "A" or "AE". For truck or ocean based shipments, this element is NOT USED.

OR	Origin (Shipping Point)
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TD508	310	Location Identifier	X	1	AN 1/30	D
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Code which identifies a specific location

1. This element is MANDATORY only if TD504 = "A" or "AE". For truck or ocean based shipments, this element is NOT USED.

2. Use the IATA Airport Code if TD507 = "OR" (Example: LAX = Los Angeles International Airport) See below for a partial list of acceptable Airport Codes.

BKK	Bangkok International Airport, Bangkok, Thailand
CGK	Jakarta - Soekarno-Hatta International Airport - Jakarta, Indonesia
DTW	Detroit/Wayne County Metropolitan International Airport - Detroit, Michigan, USA
MNL	Manila - Ninoy Aquino International Airport, Manilla, Philippines
NRT	Narita Airport, Tokyo, Japan
SWA	Shantou Airport, Shantou, China

TD509	731	Transit Direction Code	O	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
TD510	732	Transit Time Direction Qualifier	O	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
TD511	733	Transit Time	X	1	R 1/4	N/U
TD512	284	Service Level Code	X	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
TD513	284	Service Level Code	X	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
TD514	284	Service Level Code	O	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
TD515	26	Country Code	O	1	ID 2/3	N/U

Segment:	TD5	Carrier Details (Routing Sequence/Transit Time)
Position:	1200	
Loop:	HL	Mandatory
Level:	Detail	
Usage:	Optional (Dependent)	
Max Use:	1	
Purpose:	To specify the carrier and sequence of routing and provide transit time information	
Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required. 2 If TD502 is present, then TD503 is required. 3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required. 5 If TD513 is present, then TD512 is required. 6 If TD514 is present, then TD513 is required. 7 If TD515 is present, then TD512 is required.	
Semantic Notes:	1 TD515 is the country where the service is to be performed.	
Comments:	1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.	
Notes:	1. This segment is MANDATORY for all boat shipments. 2. If the shipment will be made entirely by truck, or if the shipment is by air freight, this segment is NOT USED.	

In this example the shipment is being loaded onto a vessel named "TITANIC MARU" which is owned by the shipping company identified by the FMC code "ABCD123". The vessel's port of embarkation once the shipment is loaded is Manilla:

TD5*1*3*ABCD123*S*TITANIC MARU**KE*MANILLA~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
TD501	133	Routing Sequence Code	O 1 ID 1/2	Must Use
		Code describing the relationship of a carrier to a specific shipment movement		
		1	1st Carrier after Origin Carrier	
TD502	66	Identification Code Qualifier	X 1 ID 1/2	
		Code designating the system/method of code structure used for Identification Code (67)		
		3	Federal Maritime Commission (Ocean) (FMC)	
TD503	67	Identification Code	X 1 AN 2/80	
		Code identifying a party or other code		
		1PNR	Pioneer	
		1YZK	Yazaki General Carrier	
		APLU	American President Lines, Inc.	
		KKLU	K-Line America	

		MOLU	Mitsui O.S.K. Lines				
		NPNE	Nippon				
		NYKS	NYK Line for Asia				
		NYKU	NYK Line				
		UPSN	United Parcel Service				
		YUGL	Yusen Air and Sea Service				
TD504	91	Transportation Method/Type Code		X	1	ID 1/2	Must Use
		Code specifying the method or type of transportation for the shipment					
		O	Containerized Ocean				
TD505	387	Routing		X	1	AN 1/35	Must Use
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity					
		1. The name of the vessel must be sent in this element.					
TD506	368	Shipment/Order Status Code		X	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
TD507	309	Location Qualifier		O	1	ID 1/2	Must Use
		Code identifying type of location					
		1. This element is required in order to specify the origination/departure port for the shipment.					
		KE	Port of Embarkation				
TD508	310	Location Identifier		X	1	AN 1/30	Must Use
		Code which identifies a specific location					
		1. Send the name of the vessel's departure port or city. (Example: MANILLA)					
TD509	731	Transit Direction Code		O	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
TD510	732	Transit Time Direction Qualifier		O	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
TD511	733	Transit Time		X	1	R 1/4	N/U
TD512	284	Service Level Code		X	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
TD513	284	Service Level Code		X	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
TD514	284	Service Level Code		O	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
TD515	26	Country Code		O	1	ID 2/3	N/U

Segment:	TD5	Carrier Details (Routing Sequence/Transit Time)
Position:	1200	
Loop:	HL	Mandatory
Level:	Detail	
Usage:	Optional	(Dependent)
Max Use:	1	
Purpose:	To specify the carrier and sequence of routing and provide transit time information	
Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required. 2 If TD502 is present, then TD503 is required. 3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required. 5 If TD513 is present, then TD512 is required. 6 If TD514 is present, then TD513 is required. 7 If TD515 is present, then TD512 is required.	
Semantic Notes:	1 TD515 is the country where the service is to be performed.	
Comments:	1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.	
Notes:	1. This segment is MANDATORY for all boat shipments. 2. If the shipment will be made entirely by truck, or if the shipment is by air freight, this segment is NOT USED. In this example the vessel's port of entry into the United States is Los Angeles: TD5*2*3*ABCD123*S*TITANIC MARU**PE*LOS ANGELES~ Please note that the values sent in elements TD502 through TD505 that identify the shipping company and vessel name, must match the values sent on the previous TD5 segment.	

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
TD501	133	Routing Sequence Code	O 1 ID 1/2	Must Use
		Code describing the relationship of a carrier to a specific shipment movement		
		2 2nd Carrier after Origin Carrier		
TD502	66	Identification Code Qualifier	X 1 ID 1/2	
		Code designating the system/method of code structure used for Identification Code (67)		
		3 Federal Maritime Commission (Ocean) (FMC)		
TD503	67	Identification Code	X 1 AN 2/80	
		Code identifying a party or other code		
		1PNR Pioneer		
		1YZK Yazaki General Carrier		
		APLU American President Lines, Inc.		

		KKLU	K-Line America					
		MOLU	Mitsui O.S.K. Lines					
		NPNE	Nippon					
		NYKS	NYK Line for Asia					
		NYKU	NYK Line					
		UPSN	United Parcel Service					
		YUGL	Yusen Air and Sea Service					
TD504	91	Transportation Method/Type Code		X	1	ID 1/2	Must Use	
		Code specifying the method or type of transportation for the shipment						
		O	Containerized Ocean					
TD505	387	Routing		X	1	AN 1/35	Must Use	
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity						
		1. The name of the vessel must be sent in this element.						
TD506	368	Shipment/Order Status Code		X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.						
TD507	309	Location Qualifier		O	1	ID 1/2	D	
		Code identifying type of location						
		1. This element is used to specify the port of entry into the United States of America for the shipment vessel.						
		PE	Port of Entry					
			Port where customs is declared					
TD508	310	Location Identifier		X	1	AN 1/30	D	
		Code which identifies a specific location						
		1. Send the name of the vessel's port of entry into the United States of America. (Example: LOS ANGELES).						
TD509	731	Transit Direction Code		O	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.						
TD510	732	Transit Time Direction Qualifier		O	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.						
TD511	733	Transit Time		X	1	R 1/4	N/U	
TD512	284	Service Level Code		X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.						
TD513	284	Service Level Code		X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.						
TD514	284	Service Level Code		O	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.						
TD515	26	Country Code		O	1	ID 2/3	N/U	

Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)
Position:	1200
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Dependent)
Max Use:	1
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required. 2 If TD502 is present, then TD503 is required. 3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required. 5 If TD513 is present, then TD512 is required. 6 If TD514 is present, then TD513 is required. 7 If TD515 is present, then TD512 is required.
Semantic Notes:	1 TD515 is the country where the service is to be performed.
Comments:	1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	1. This segment is MANDATORY for all boat shipments. 2. If the shipment will be made entirely by truck, or if the shipment is by air freight, this segment is NOT USED. In this example the port of discharge (i.e. where the shipment is being offloaded from the vessel) is Seattle: TD5*3*3*ABCD123*S*TITANIC MARU**PB*SEATTLE~ Please note that the values sent in elements TD502 through TD505 that identify the shipping company and vessel name, must match the values sent on the previous TD5 segment. Also note that the port of discharge and the port of entry may be the same. When this is the case, this segment is optional.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Base</u>				<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>			<u>Attributes</u>
TD501	133	Routing Sequence Code	O	1	ID 1/2	Must Use
		Code describing the relationship of a carrier to a specific shipment movement				
		3	3rd Carrier after Origin Carrier			
TD502	66	Identification Code Qualifier	X	1	ID 1/2	
		Code designating the system/method of code structure used for Identification Code (67)				
		3	Federal Maritime Commission (Ocean) (FMC)			
TD503	67	Identification Code	X	1	AN 2/80	
		Code identifying a party or other code				
		Business Rules:				

Variable Name:TD503SCAC

See below for a partial list of acceptable values.

		1PNR	Pioneer				
		1YZK	Yazaki General Carrier				
		APLU	American President Lines, Inc.				
		KKLU	K-Line America				
		MOLU	Mitsui O.S.K. Lines				
		NPNE	Nippon				
		NYKS	NYK Line for Asia				
		NYKU	NYK Line				
		UPSN	United Parcel Service				
		YUGL	Yusen Air and Sea Service				
TD504	91	Transportation Method/Type Code		X	1	ID 1/2	Must Use
		Code specifying the method or type of transportation for the shipment					
		O	Containerized Ocean				
TD505	387	Routing		X	1	AN 1/35	Must Use
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity					
		1. The name of the vessel must be sent in this element.					
TD506	368	Shipment/Order Status Code		X	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
TD507	309	Location Qualifier		O	1	ID 1/2	D
		Code identifying type of location					
		1. This element is required in order to specify the discharge port for the shipment.					
		PB	Port of Discharge				
			Port where shipment is unloaded				
TD508	310	Location Identifier		X	1	AN 1/30	D
		Code which identifies a specific location					
		1. Send the name of the vessel's port or city of discharge. (Example: SEATTLE). NOTE: This may be the same as the port of entry specified in the previous TD5 segment.					
TD509	731	Transit Direction Code		O	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
TD510	732	Transit Time Direction Qualifier		O	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
TD511	733	Transit Time		X	1	R 1/4	N/U
TD512	284	Service Level Code		X	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
TD513	284	Service Level Code		X	1	ID 2/2	N/U

		Refer to 005050 Data Element Dictionary for acceptable code values.			
TD514	284	Service Level Code	O	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
TD515	26	Country Code	O	1 ID 2/3	N/U

Segment:	REF Reference Identification - Bill of Lading
Position:	1500
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	1. At least one REF segment must be included in every 856 at this point to specify the Bill of Lading Number (REF01 = "BM"). 2. If the Bill of Lading Number is not known at the time the ASN/Invoice is created, you may use the Booking Number instead. 3. If your business does not use Bill of Lading Numbers, and the Booking Number is unavailable, then you must send either your Packing List Number or your Shipment Identification Number (SID) as the Bill of Lading Number. 3. The Number sent in this segment must be unique for each shipment and must not be duplicated within at least a one year period.
	Example: REF*BM*123456~

Data Element Summary

Ref.	Data		Base		User	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		<u>Attributes</u>	
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BM Bill of Lading Number	M	1 ID 2/3	M	
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	1 AN 1/80		
REF03	352	Description	X	1 AN 1/80	N/U	
REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	1	N/U	
C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005050 Data Element Dictionary for acceptable code values.	M	ID 2/3	N/U	
C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN 1/80	N/U	
C04003	128	Reference Identification Qualifier Refer to 005050 Data Element Dictionary for acceptable code values.	X	ID 2/3	N/U	

C04004	127	Reference Identification	X	AN 1/80	N/U
C04005	128	Reference Identification Qualifier	X	ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C04006	127	Reference Identification	X	AN 1/80	N/U

Segment:	REF Reference Identification - USCS Entry Number
Position:	1500
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Dependent)
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	1. The United States Customs Entry Number is mandatory for truck-based shipments that cross the US-Mexico border. It is not required for any other type of shipment.
	Example: REF*6B*123456~

Data Element Summary						
Ref.	Data		Base		User	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		<u>Attributes</u>	
REF01	128	Reference Identification Qualifier	M	1	ID 2/3	M
		Code qualifying the Reference Identification				
		6B U.S. Customs Service (USCS) Entry Number				
REF02	127	Reference Identification	X	1	AN 1/80	D
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
REF03	352	Description	X	1	AN 1/80	N/U
REF04	C040	Reference Identifier	O	1		N/U
		To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
C04001	128	Reference Identification Qualifier	M		ID 2/3	N/U
		Code qualifying the Reference Identification				
		Refer to 005050 Data Element Dictionary for acceptable code values.				
C04002	127	Reference Identification	M		AN 1/80	N/U
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
C04003	128	Reference Identification Qualifier	X		ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
C04004	127	Reference Identification	X		AN 1/80	N/U
C04005	128	Reference Identification Qualifier	X		ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
C04006	127	Reference Identification	X		AN 1/80	N/U

Segment: **REF** **Reference Identification - Seller's Credit Memo**

Position: 1500

Loop: HL Mandatory

Level: Detail

Usage: Optional (Dependent)

Max Use: 1

Purpose: To specify identifying information

Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: Example: REF*CL*123456~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier	M 1 ID 2/3	M
		Code qualifying the Reference Identification		
		CL Seller's Credit Memo		
REF02	127	Reference Identification	X 1 AN 1/80	D
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
REF03	352	Description	X 1 AN 1/80	N/U
REF04	C040	Reference Identifier	O 1	N/U
		To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
C04001	128	Reference Identification Qualifier	M ID 2/3	N/U
		Code qualifying the Reference Identification		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
C04002	127	Reference Identification	M AN 1/80	N/U
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
C04003	128	Reference Identification Qualifier	X ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.		
C04004	127	Reference Identification	X AN 1/80	N/U
C04005	128	Reference Identification Qualifier	X ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.		
C04006	127	Reference Identification	X AN 1/80	N/U

Segment: **DTM** **Date/Time Reference - Date of Seller's Credit Memo**

Position: 2000

Loop: HL Mandatory

Level: Detail

Usage: Optional (Dependent)

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

Ref.	Data					Base	User
Des.	Element	Name	Attributes			Attributes	
DTM01	374	Date/Time Qualifier	M	1	ID 3/3	M	
		Code specifying type of date or time, or both date and time					
		306 Adjustment Effective Date					
		Date on which the adjustment went into effect					
DTM02	373	Date	X	1	DT 8/8		
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year					
DTM03	337	Time	X	1	TM 4/8		
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)					
DTM04	623	Time Code	O	1	ID 2/2	D	
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow					
		1. If a time is sent in element DTM03, then a time code in element DTM04 is mandatory.					
		Refer to 005050 Data Element Dictionary for acceptable code values.					
DTM05	1250	Date Time Period Format Qualifier	X	1	ID 2/3	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
DTM06	1251	Date Time Period	X	1	AN 1/35	N/U	

Segment: FOB F.O.B. Related Instructions**Position:** 2100**Loop:** HL Mandatory**Level:** Detail**Usage:** Optional (Must Use)**Max Use:** 1**Purpose:** To specify transportation instructions relating to shipment**Syntax Notes:** 1 If FOB03 is present, then FOB02 is required.

2 If FOB04 is present, then FOB05 is required.

3 If FOB07 is present, then FOB06 is required.

4 If FOB08 is present, then FOB09 is required.

Semantic Notes: 1 FOB01 indicates which party will pay the carrier.

2 FOB02 is the code specifying transportation responsibility location.

3 FOB06 is the code specifying the title passage location.

4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Comments:**Notes:** Example: FOB*PP*CA*PH*01*CIP*KE*MANILLA~**Data Element Summary**

<u>Ref.</u>	<u>Data</u>					<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>			<u>Attributes</u>	
FOB01	146	Shipment Method of Payment	M	1	ID 2/2	M	
		Code identifying payment terms for transportation charges					
		CC Collect					
		PP Prepaid (by Seller)					
FOB02	309	Location Qualifier	X	1	ID 1/2	Must Use	
		Code identifying type of location					
		CA Country of Origin					
FOB03	352	Description	O	1	AN 1/80	Must Use	
		A free-form description to clarify the related data elements and their content					
		Specify the Country of Origin for the parts on this shipment. See below for a partial list of acceptable country codes.					
		AU Australia					
		CA Canada					
		CN China					
		ES Spain					
		ID Indonesia					
		IN India					
		JP Japan					
		MX Mexico					

		PH	Philippines				
		TH	Thailand				
		US	United States				
FOB04	334	Transportation Terms Qualifier Code		O	1	ID 2/2	Must Use
		Code identifying the source of the transportation terms					
		01	Incoterms				
FOB05	335	Transportation Terms Code		X	1	ID 3/3	Must Use
		Code identifying the trade terms which apply to the shipment transportation responsibility					
		CFR	Cost and Freight				
			Seller pays cost and freight to named port of destination; buyer assumes all risks of loss and damage and additional costs incurred once goods are delivered on board the vessel; these are assumed by the buyer when the goods pass over the rail of the ship at the port of shipment				
		CIF	Cost, Insurance, and Freight				
			Seller pays cost and freight to named port of destination; buyer assumes all risks of loss and damage and additional costs incurred once goods are delivered onboard the vessel; risks are assumed by the buyer when the goods pass over the rail of the ship at the port of shipment; seller must in addition procure (i.e. contract and pay for) marine insurance against the buyer's risk of loss or damage during shipment				
		CIP	Carriage and Insurance Paid To				
			Seller pays cost and freight to named port of destination; buyer assumes all risk of damage or loss and additional costs incurred once goods are delivered on board the vessel; these risks are assumed by the buyer when the goods pass over the rail of the ship at the port of shipment; seller must procure (i.e. contract and pay for) marine insurance against the buyer's risk of loss or damage during carriage; seller must in addition procure (i.e. contract and pay for) cargo insurance against the buyer's risk of loss or damage to the goods during carriage				
		CPT	Carriage Paid To				
			Seller pays freight charges named to destination; the risk of loss or damage to the goods, as well as any additional costs due to events occurring after the time the goods have been delivered to other carrier, is transferred from the seller to the buyer when the goods have been delivered into the custody of the carrier				
		DAF	Delivered at Frontier				
			Seller fulfills obligation to deliver when goods have been made available, cleared for export, at the named point and place at the frontier, but before the border of the adjoining country				
		DDP	Delivered Duty Paid				

[illegible]

shipments, the location sent here should include the city and country (i.e. TOKYO, JAPAN). For shipments made entirely within the USA, the location sent here should include the city and state (i.e. SEATTLE, WASHINGTON). Do not use USPS postal abbreviations for the state (i.e. "WA").

2. NOTE: The maximum allowed length of this element has been reduced from an AIAG X-12 standard length of 80 to a maximum of 28 characters. If a value with more than 28 characters is sent, only the left-most 28 characters will be used.

Example:

TOKYO, JAPAN

or

DETROIT, MICHIGAN

FOB08	54	Risk of Loss Code	O	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
FOB09	352	Description	X	1	AN 1/80	N/U

Segment:	N1 Name - Ship From
Position:	2200
Loop:	N1 Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	1. The values used in elements N103 and N104 must be the same as were sent on the N1*SF segment in the 830 or 862 transaction.
	Example using YNA supplied IDs: N1*SF**92*194310~

Data Element Summary					
Ref.	Data		Base		User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		<u>Attributes</u>
N101	98	Entity Identifier Code	M	1 ID 2/3	M
		Code identifying an organizational entity, a physical location, property or an individual			
		SF Ship From			
N102	93	Name	X	1 AN 1/60	
		Free-form name			
N103	66	Identification Code Qualifier	X	1 ID 1/2	
		Code designating the system/method of code structure used for Identification Code (67)			
		92 Assigned by Buyer or Buyer's Agent			
N104	67	Identification Code	X	1 AN 2/80	Must Use
		Code identifying a party or other code			
		1. The ship from code sent on the 830 or 862 must be returned here. 2. This is the Yazaki North America, Inc. code identifying the affiliate's or supplier's ship-from location. 3. Contact your YNA Material Analyst for a complete list of valid codes used to identify your company's ship-from locations.			
N105	706	Entity Relationship Code	O	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
N106	98	Entity Identifier Code	O	1 ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			

Segment:	N1 Name - Ship To
Position:	2200
Loop:	N1 Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	1. The values used in elements N103 and N104 must be the same as were sent on the N1*ST segment in the 830 or 862 transaction.
	Example using YNA supplied IDs: N1*ST**92*236~

Data Element Summary					
Ref.	Data		Base		User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		<u>Attributes</u>
N101	98	Entity Identifier Code	M	1 ID 2/3	M
		Code identifying an organizational entity, a physical location, property or an individual			
		ST Ship To			
N102	93	Name	X	1 AN 1/60	
		Free-form name			
N103	66	Identification Code Qualifier	X	1 ID 1/2	
		Code designating the system/method of code structure used for Identification Code (67)			
		92 Assigned by Buyer or Buyer's Agent			
N104	67	Identification Code	X	1 AN 2/80	Must Use
		Code identifying a party or other code			
		1. The ship to code sent on the 830 or 862 must be returned here. 2. This is the YNA code identifying the Yazaki North America, Inc. ship-to location. 3. Contact your YNA Material Analyst for a complete list of valid codes.			
N105	706	Entity Relationship Code	O	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
N106	98	Entity Identifier Code	O	1 ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			

Segment:	REF Reference Information
Position:	2600
Loop:	N1 Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	1. This segment is to be used only to specify the dock for the "Ship to" destination.
	Example: REF*DK*1234~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier	M 1 ID 2/3	M
		Code qualifying the Reference Identification		
		DK Dock Number		
REF02	127	Reference Identification	X 1 AN 1/80	D
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
REF03	352	Description	X 1 AN 1/80	N/U
REF04	C040	Reference Identifier	O 1	N/U
		To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
C04001	128	Reference Identification Qualifier	M ID 2/3	N/U
		Code qualifying the Reference Identification		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
C04002	127	Reference Identification	M AN 1/80	N/U
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
C04003	128	Reference Identification Qualifier	X ID 2/3	N/U
		Code qualifying the Reference Identification		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
C04004	127	Reference Identification	X AN 1/80	N/U
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
C04005	128	Reference Identification Qualifier	X ID 2/3	N/U
		Code qualifying the Reference Identification		
		Refer to 005050 Data Element Dictionary for acceptable code values.		

C04006	127	Reference Identification	X	AN 1/80	N/U
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					

Segment:	N1 Name - Remit Payment To
Position:	2200
Loop:	N1 Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	1. This segment is only required when the payment remit to location is different than the ship from location.
	Example using YNA supplied IDs: N1*RI**92*123236~

Data Element Summary					
Ref.	Data		Base		User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		<u>Attributes</u>
N101	98	Entity Identifier Code	M	1 ID 2/3	M
		Code identifying an organizational entity, a physical location, property or an individual			
		RI Remit To			
N102	93	Name	X	1 AN 1/60	
		Free-form name			
N103	66	Identification Code Qualifier	X	1 ID 1/2	
		Code designating the system/method of code structure used for Identification Code (67)			
		92 Assigned by Buyer or Buyer's Agent			
N104	67	Identification Code	X	1 AN 2/80	Must Use
		Code identifying a party or other code			
		1. The Yazaki North America, Inc. code identifying the affiliate or supplier location to which the payment should be sent. Contact your YNA Material Analyst for a list of valid codes for your company.			
N105	706	Entity Relationship Code	O	1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
N106	98	Entity Identifier Code	O	1 ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			

Segment: **HL** **Hierarchical Level - Equipment Level**
Position: 0100
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:**Semantic Notes:**

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: Example: HL*2*1*E~
Note that the HL02 element always points back to the Shipment Level ("1") which is HL*1**S~.

Data Element Summary

Ref.	Data	Name	Base			User	
			<u>Attributes</u>			<u>Attributes</u>	
HL01	628	Hierarchical ID Number	M	1	AN 1/12	M	
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure					
HL02	734	Hierarchical Parent ID Number	O	1	AN 1/12		
		Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to					
HL03	735	Hierarchical Level Code	M	1	ID 1/2	M	
		Code defining the characteristic of a level in a hierarchical structure					
		E	Transportation Equipment				
HL04	736	Hierarchical Child Code	O	1	ID 1/1		
		Code indicating if there are hierarchical child data segments subordinate to the level					

being described

Refer to 005050 Data Element Dictionary for acceptable code values.

Segment: **TD3** **Carrier Details (Equipment)**

Position: 1300

Loop: TD3 Optional (Must Use)

Level: Detail

Usage: Optional (Must Use)

Max Use: 1

Purpose: To specify transportation details relating to the equipment used by the carrier

Syntax Notes:

- 1 Only one of TD301 or TD310 may be present.
- 2 If TD302 is present, then TD303 is required.
- 3 If TD304 is present, then TD305 is required.
- 4 If either TD305 or TD306 is present, then the other is required.

Semantic Notes:**Comments:****Notes:**

Example:

For Truck Shipments:

With a PRO Number:

TD3*TL**PRO12345*G*1500*LB***SEAL123*53TR~

Without a PRO Number:

TD3*TL*ABCD*12345*G*1500*LB***SEAL123*53TR~

For Ocean Shipments:

TD3*VT*ABCD*12345*G*2500*LB***SEAL123*45HC~

For Air Shipments:

TD3*AF**AWB12345*G*500*LB~

Data Element Summary

Ref.	Data	Data Element Summary			Base	User
Des.	Element	Name	Attributes			Attributes
TD301	40	Equipment Description Code	X	1	ID 2/2	
		Code identifying type of equipment used for shipment				
		1. For boat based shipments, send "VT" in this element.				
		2. For truck based shipments, send "TL" in this element.				
		3. For air based shipments, send "AF" in this element.				
		AF Air Freight (Break Bulk)				
		TL Trailer (not otherwise specified)				
		VT Vessel, Ocean, Containership				
TD302	206	Equipment Initial	O	1	AN 1/4	
		Prefix or alphabetic part of an equipment unit's identifying number				
		1. For overseas (boat) shipments (i.e. when TD301 = "VT"), this element must contain the shipping container owner's identification.				
		2. For air based shipments (i.e. when TD301 = "AF"), this element is not used.				
		3. For truck shipments (i.e. when TD301 = "TL"):				
		3.1 If the shipper's PRO number is sent in element TD303, this element should not be sent.				
		3.2 If a trailer number is sent in element TD303 instead of a PRO number, this element must contain the the trailer owner's identification.				
TD303	207	Equipment Number	X	1	AN 1/15	AN 1/10

Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)

1. For ocean (boat) shipments (i.e. when TD301 = "VT"), this element should contain the numeric part of the shipping container's identification.
2. For air freight shipments (i.e. when TD301 = "AF"), this element should contain the air way bill number.
3. For truck based shipments (i.e. when TD301 = "TL"):
 - 3.1. The originating transportation company's PRO number for the shipment is to be sent in this element.
 - 3.2. If the PRO number is not available, use the trailer number.
4. NOTE: If you are shipping via a carrier that uses tracking numbers instead of PRO Numbers or Trailer Numbers (for example: UPS, FedEx, etc.) then send only the right-most 10 characters of the tracking number in this element.
5. NOTE: The maximum allowed length of this element has been reduced from an AIAG X-12 standard length of 15 to a maximum of 10 characters.

TD304	187	Weight Qualifier	O	1	ID 1/2	Must Use
		Code defining the type of weight				
		G Gross Weight				
TD305	81	Weight	X	1	R 1/10	Must Use
		Numeric value of weight				
		1. This is the total of all of the included pallet loaded weights (PAL11) specified within all of the Tare Levels that are included within this Equipment Level.				
TD306	355	Unit or Basis for Measurement Code	X	1	ID 2/2	Must Use
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		Refer to 005050 Data Element Dictionary for acceptable code values.				
TD307	102	Ownership Code	O	1	ID 1/1	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
TD308	407	Seal Status Code	O	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
TD309	225	Seal Number	O	1	AN 2/15	D
		Unique number on seal used to close a shipment				
		1. The seal number is being required to comply with the Federal Customs-Trade Partnership Against Terrorism (C-TPAT) program.				
		2. This element is MANDATORY for all boat and truck shipments that cross international borders. If the shipment does not cross international borders, this element is OPTIONAL.				
		3. This element is NOT USED for air freight shipments.				
TD310	24	Equipment Type	X	1	ID 4/4	
		Code identifying equipment type				
		1. While the syntax notes for this segment state that "Only one of TD301 or TD310 may be present", Yazaki encourages those suppliers that can send this element to do				

so. If your EDI system enforces the syntax rules for this element, and prevents you from sending both TD301 and TD310, then you must send only the TD301 element.

20ST 20 foot Standard Container

Internal Yazaki Notes-Level 3:

Equipment Tare Weight used by iConnect to calculate the value in element TD305 = 2360 KG

Equipment Volume Capacity used by iConnect to calculate the value in element MEA03 = 32.8 CR

40HC 40 foot High Cube Container

Internal Yazaki Notes-Level 3:

Equipment Tare Weight used by iConnect to calculate the value in element TD305 = 4020 KG

Equipment Volume Capacity used by iConnect to calculate the value in element MEA03 = 76.3 CR

40ST 40 foot Standard Container

Internal Yazaki Notes-Level 3:

Equipment Tare Weight used by iConnect to calculate the value in element TD305 = 3810 KG

Equipment Volume Capacity used by iConnect to calculate the value in element MEA03 = 67.7 CR

45HC 45 foot High Cube Container

Internal Yazaki Notes-Level 3:

Equipment Tare Weight used by iConnect to calculate the value in element TD305 = 4740 KG

Equipment Volume Capacity used by iConnect to calculate the value in element MEA03 = 86.1 CR

48RC 48 foot Rail Car

48TR 48 foot Trailer

53RC 53 foot Rail Car

53TR 53 foot Trailer

Internal Yazaki Notes-Level 3:

Equipment Tare Weight used by iConnect to calculate the value in element TD305 = 7711 KG

Equipment Volume Capacity used by iConnect to calculate the value in element MEA03 = 89.2 CR

LCTN Less than full container load - for use on ocean-based shipments only

LTRL Less than full trailer load - for use on truck-based shipments only

Segment:	N1 Party Identification - Stuffing Location
Position:	2200
Loop:	N1 Optional (Dependent)
Level:	Detail
Usage:	Optional (Dependent)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	- At least one of N102 or N103 is required. - If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	- This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. - N105 and N106 further define the type of entity in N101.
Notes:	- This segment is only required when the shipment is subject to the US Customs Service (USCS) "10+2" Rule for shipments entering the US; or if the shipment is being made to a consolidation pool point. - If the shipment is made entirely within the US, and is not being made to a consolidation pool point, then this segment is recommended, but not mandatory.

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
N101	98	Entity Identifier Code	M 1 ID 2/3	M
		Code identifying an organizational entity, a physical location, property or an individual		
		CL Container Location		
N102	93	Name	X 1 AN 1/60	
		Free-form name		
N103	66	Identification Code Qualifier	X 1 ID 1/2	Must Use
		Code designating the system/method of code structure used for Identification Code (67)		
		92 Assigned by Buyer or Buyer's Agent		
N104	67	Identification Code	X 1 AN 2/80	Must Use
		Code identifying a party or other code		
		1. The Yazaki North America, Inc. code identifying the location where the shipping container was loaded. Contact your YNA Material Analyst for a list of valid codes for your company.		
N105	706	Entity Relationship Code	O 1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.		
N106	98	Entity Identifier Code	O 1 ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.		

Segment: **HL** Hierarchical Level - Tare Level
Position: 0100
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:**Semantic Notes:**

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: Example: HL*3*2*T~
Note that the HL02 element always points back to the Equipment Level ("2") which is HL*2*1*E~.

Data Element Summary

Ref.	Data	Name	Base			User	
			<u>Attributes</u>			<u>Attributes</u>	
HL01	628	Hierarchical ID Number	M	1	AN 1/12	M	
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure					
HL02	734	Hierarchical Parent ID Number	O	1	AN 1/12		
		Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to					
HL03	735	Hierarchical Level Code	M	1	ID 1/2	M	
		Code defining the characteristic of a level in a hierarchical structure					
		T Shipping Tare					
HL04	736	Hierarchical Child Code	O	1	ID 1/1		
		Code indicating if there are hierarchical child data segments subordinate to the level					

being described

Refer to 005050 Data Element Dictionary for acceptable code values.

Segment:	REF Reference Information - Master Pallet Label Serial Number
Position:	1500
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Dependent)
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	One and only one REF segment should appear at this point in the ASN and is used to transmit the pallet Master Label bar code serial number. This segment is MANDATORY whenever pallets are used in the shipment. NOTE: This segment is NOT USED for air shipments UNLESS the cartons are physically shipped on pallets.

Data Element Summary

Ref.	Data	Name	Base	User
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier	M 1 ID 2/3	M
		Code qualifying the Reference Identification		
		LS Bar-Coded Serial Number		
REF02	127	Reference Identification	X 1 AN 1/80	
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
REF03	352	Description	X 1 AN 1/80	N/U
REF04	C040	Reference Identifier	O 1	N/U
		To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
C04001	128	Reference Identification Qualifier	M ID 2/3	N/U
		Code qualifying the Reference Identification		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
C04002	127	Reference Identification	M AN 1/80	N/U
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
C04003	128	Reference Identification Qualifier	X ID 2/3	N/U
		Code qualifying the Reference Identification		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
C04004	127	Reference Identification	X AN 1/80	N/U
		Reference information as defined for a particular Transaction Set or as specified by		

		the Reference Identification Qualifier			
C04005	128	Reference Identification Qualifier	X	ID 2/3	N/U
		Code qualifying the Reference Identification			
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C04006	127	Reference Identification	X	AN 1/80	N/U
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

Segment:	PAL Pallet Type and Load Characteristics
Position:	2150
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Dependent)
Max Use:	1
Purpose:	To identify the type and physical attributes of the pallet, and, gross weight, gross volume, and height of the load and the pallet
Syntax Notes:	1 If either PAL05 or PAL06 is present, then the other is required. 2 If PAL07 is present, then PAL10 is required. 3 If PAL08 is present, then PAL10 is required. 4 If PAL09 is present, then PAL10 is required. 5 If PAL10 is present, then at least one of PAL07 PAL08 or PAL09 is required. 6 If either PAL11 or PAL12 is present, then the other is required. 7 If either PAL13 or PAL14 is present, then the other is required.
Semantic Notes:	1 PAL04 (Pack) is the number of pieces on the pallet. 2 PAL05 (Unit Weight) is the weight of the pallet alone, before loading. 3 PAL07 and PAL08 (Length and Width) are the dimensions of the pallet before loading. 4 PAL09 (Height) is the height of the pallet and load. 5 PAL11 and PAL13 (Gross Weight and Gross Volume) are measured after loading and includes the pallet. 6 PAL18 is the maximum quantity of stackable pallets.
Comments:	
Notes:	1. One and only one PAL segment should appear at this point in the ASN and is used to transmit pallet weight and dimensional information. 2. The PAL segment is MANDATORY whenever pallets are used in the shipment. 3. This segment is NOT USED for air shipments UNLESS the cartons are physically shipped on pallets. Then this segment is MANDATORY. 4. The value sent in element PAL11 must equal the total of all of the carton gross weights (element CLD01 multiplied by element CLD04) loaded on this pallet plus the tare weight of the pallet itself (element PAL05).

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
PAL01	883	Pallet Type Code	O 1 ID 1/2	Must Use

Code indicating the type of pallet

0 Hard Wood

Internal Yazaki Notes-Level 3:

Pallet Tare Weight used by iConnect to populate element PAL05 and to calculate the value in element PAL11 = 9 KG

4 Standard

7 Slip sheet

Typically cardboard or plastic sheets used to hold product for

storage or transportation

Internal Yazaki Notes-Level 3:

Pallet Tare Weight used by iConnect to populate element
PAL05 and to calculate the value in element PAL11 = 1 KG

99

Returnable plastic carton pallet

This is a code value unique to Yazaki North America, Inc.

Internal Yazaki Notes-Level 3:

Pallet Tare Weight used by iConnect to populate element
PAL05 and to calculate the value in element PAL11 = 16 KG

PAL02	884	Pallet Tiers	O	1	N0 1/3	
		The number of layers per pallet				
PAL03	885	Pallet Blocks	O	1	N0 1/3	
		The number of pieces (cartons) per layer on the pallet				
PAL04	356	Pack	O	1	N0 1/6	N/U
PAL05	395	Unit Weight	X	1	R 1/8	Must Use
		Numeric value of weight per unit				
		This is the weight of the pallet before being loaded.				
PAL06	355	Unit or Basis for Measurement Code	X	1	ID 2/2	Must Use
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		KG Kilogram				
		LB Pound				
PAL07	82	Length	X	1	R 1/8	
		Largest horizontal dimension of an object measured when the object is in the upright position				
		This is the length of the pallet before it is loaded with cartons and/or parts.				
PAL08	189	Width	X	1	R 1/8	
		Shorter measurement of the two horizontal dimensions measured with the object in the upright position				
		This is the width of the pallet before it is loaded with cartons and/or parts.				
PAL09	65	Height	X	1	R 1/8	
		Vertical dimension of an object measured when the object is in the upright position				
		This is the total loaded height of the pallet once it is fully loaded with cartons and/or parts.				
PAL10	355	Unit or Basis for Measurement Code	X	1	ID 2/2	
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CM Centimeter				
		FT Foot				
		IN Inch				

		MR	Meter				
PAL11	384	Gross Weight per Pack		X	1	R 1/9	Must Use
		Numeric value of gross weight per pack					
		This is the total loaded weight of the pallet once it is fully loaded with cartons and/or parts.					
PAL12	355	Unit or Basis for Measurement Code		X	1	ID 2/2	Must Use
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		KG	Kilogram				
		LB	Pound				
PAL13	385	Gross Volume per Pack		X	1	R 1/9	N/U
PAL14	355	Unit or Basis for Measurement Code		X	1	ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.					
PAL15	399	Pallet Exchange Code		O	1	ID 1/1	
		Code specifying pallet exchange instructions					
		1	No Exchange/No Return				
		2	Exchange Pallets				
		3	Return Pallets				
		4	Pallets to be Purchased by Customer				
		5	Third-Party Pallet Exchange				
		A pallet exchange program where a third party rents pallets for internal or external use					
PAL16	810	Inner Pack		O	1	N0 1/6	N/U
PAL17	1699	Pallet Structure Code		O	1	ID 1/1	
		Code identifying the pallet structure					
		A	Mixed Pallet (Multi-sku Pallet with Pre-assigned U.P.C.)				
		B	Display Pallet (Multi-sku Pallet for Display with Pre-assigned U.P.C.)				
		C	Picked Pallet (Multi-sku Pallet without Pre-assigned U.P.C.)				
PAL18	380	Quantity		O	1	R 1/15	N/U

Segment: **HL** Hierarchical Level - Item Level
Position: 0100
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:**Semantic Notes:**

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: Example showing the usage for three item level parts:

```
HL*4*3*I~
HL*5*3*I~
HL*6*3*I~
```

Note that the HL02 element always points back to the Tare Level ("3") which is HL*3*2*T~.

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
HL01	628	Hierarchical ID Number	M 1 AN 1/12	M
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure		
HL02	734	Hierarchical Parent ID Number	O 1 AN 1/12	Must Use
		Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to		
HL03	735	Hierarchical Level Code	M 1 ID 1/2	M
		Code defining the characteristic of a level in a hierarchical structure		

		I	Item			
HL04	736	Hierarchical Child Code		O	1 ID 1/1	N/U
Refer to 005050 Data Element Dictionary for acceptable code values.						

Segment:	LIN Item Identification
Position:	0200
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	1 See the Data Dictionary for a complete list of IDs. 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.
Notes:	Example: LIN**BP*123456789*VP*789-456-123*PD*WIRING HARNESS*PO*123456~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
LIN01	350	Assigned Identification	O 1 AN 1/20	N/U
LIN02	235	Product/Service ID Qualifier	M 1 ID 2/2	M
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		The value returned with the "BP" qualifier must be the value that was originally sent to the supplier/affiliate on the 830 as the "Buyer's Part Number" in the LIN segment.		
		BP Buyer's Part Number		
LIN03	234	Product/Service ID	M 1 AN 1/48	M
		Identifying number for a product or service		
LIN04	235	Product/Service ID Qualifier	X 1 ID 2/2	
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		The value returned with the "VP" qualifier (if used) must be the		

			value that was originally sent to the supplier/affiliate on the 830 as the "Vendor's (Seller's) Part Number" in the LIN segment.			
		VP	Vendor's (Seller's) Part Number			
LIN05	234	Product/Service ID	X	1	AN 1/48	
		Identifying number for a product or service				
LIN06	235	Product/Service ID Qualifier	X	1	ID 2/2	
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		PD	Part Number Description			
LIN07	234	Product/Service ID	X	1	AN 1/48	
		Identifying number for a product or service				
LIN08	235	Product/Service ID Qualifier	X	1	ID 2/2	Must Use
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		The value returned with the "PO" qualifier must be the value that was originally sent to the supplier/affiliate on the 830 as the "Purchase Order Number" in the LIN segment.				
		PO	Purchase Order Number			
LIN09	234	Product/Service ID	X	1	AN 1/48	Must Use
		Identifying number for a product or service				
		The Purchase Order Number returned in this element comes from the LIN segment of the 830.				
LIN10	235	Product/Service ID Qualifier	X	1	ID 2/2	
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		This is the OEM's part number.				
		MG	Manufacturer's Part Number			
LIN11	234	Product/Service ID	X	1	AN 1/48	
		Identifying number for a product or service				
LIN12	235	Product/Service ID Qualifier	X	1	ID 2/2	
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		This is the OEM's engineering change level for the OEM's part number.				
		EC	Engineering Change Level			
LIN13	234	Product/Service ID	X	1	AN 1/48	
		Identifying number for a product or service				
LIN14	235	Product/Service ID Qualifier	X	1	ID 2/2	
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		RY	Record Keeping or Model Year			

LIN15	234	Product/Service ID	X	1	AN 1/48
Identifying number for a product or service					
The model year must be sent in CCYY format.					
LIN16	235	Product/Service ID Qualifier	X	1	ID 2/2
Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
This is the Yazaki Packaging Item Number for the carton within which the part is packed.					
Returnable containers start with the letter "D". Non-returnable containers start with the letter "H".					
PG		Packaging Specification Number			
LIN17	234	Product/Service ID	X	1	AN 1/48
Identifying number for a product or service					
Only the right-most 22 characters will be used.					
LIN18	235	Product/Service ID Qualifier	X	1	ID 2/2
Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
This element is MANDATORY if the item was manufactured in a Country of Origin that is different than the INCOTerms Country of Origin specified in element FOB03 at the Shipment Level.					
CH		Country of Origin Code			
LIN19	234	Product/Service ID	X	1	AN 1/48
Identifying number for a product or service					
This element is MANDATORY if the item was manufactured in a Country of Origin that is different than the INCOTerms Country of Origin specified in element FOB03 at the Shipment Level.					
The Country of Origin is the country where the part was manufactured.					
Use any two character ISO standard country code.					
A subset of the valid codes is given below:					
AU - Australia					
BR - Brazil					
CA - Canada					
CN - China					
CZ - Czech Republic					
DE - Germany					
HK - Hong Kong					
IN - India					
ID - Indonesia					
JP - Japan					
MY - Malaysia					
MX - Mexico					
NI - Nicaragua					
PH - Philipines					
SG - Singapore					
SK - Slovakia					

		TW - Taiwan, Province of China TH - Thailand US - United States VN - Vietnam					
LIN20	235	Product/Service ID Qualifier	X	1	ID 2/2		
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		This element is MANDATORY if the shipment crosses US international borders. This is required by the US Customs Service (USCS) 10+2 rules. This element is NOT USED if the shipment occurs entirely within the borders of the United States of America.					
		HD International Harmonized Commodity Code					
		For customs authority purposes, the class and description of a subject part or material item per harmonized agreements on tariff commodity codes					
LIN21	234	Product/Service ID	X	1	AN 1/48		
		Identifying number for a product or service					
		This element is MANDATORY if the shipment crosses US international borders. This is required by the US Customs Service (USCS) 10+2 rules. This element is NOT USED if the shipment occurs entirely within the borders of the United States of America.					
LIN22	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
LIN23	234	Product/Service ID	X	1	AN 1/48	N/U	
LIN24	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
LIN25	234	Product/Service ID	X	1	AN 1/48	N/U	
LIN26	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
LIN27	234	Product/Service ID	X	1	AN 1/48	N/U	
LIN28	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
LIN29	234	Product/Service ID	X	1	AN 1/48	N/U	
LIN30	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
LIN31	234	Product/Service ID	X	1	AN 1/48	N/U	

Segment: **SN1** Item Detail (Shipment)
Position: 0300
Loop: HL Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify line-item detail relative to shipment
Syntax Notes: 1 If either SN105 or SN106 is present, then the other is required.
Semantic Notes: 1 SN101 is the ship notice line-item identification.
 2 SN105 is quantity ordered.
Comments: 1 SN103 defines the unit of measurement for both SN102 and SN104.
Notes: Example: SN1**25*EA*20000~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
SN101	350	Assigned Identification	O 1 AN 1/20	N/U
SN102	382	Number of Units Shipped	M 1 R 1/10	M
		Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set		
SN103	355	Unit or Basis for Measurement Code	M 1 ID 2/2	M
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		The list given below is only a partial list of possible units of measure. The value returned must match what was sent on the 830.		
		MR Meter		
		PC Piece		
SN104	646	Quantity Shipped to Date	O 1 R 1/15	
		Number of units shipped to date		
SN105	380	Quantity	X 1 R 1/15	N/U
SN106	355	Unit or Basis for Measurement Code	X 1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.		
SN107	728	Returnable Container Load Make-Up Code	O 1 ID 1/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.		
SN108	668	Line Item Status Code	O 1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.		

Segment:	SLN Subline Item Detail
Position:	0400
Loop:	HL Mandatory
Level:	Detail
Usage:	Conditional
Max Use:	1000
Purpose:	To specify product subline detail item data
Syntax Notes:	1 If either SLN04 or SLN05 is present, then the other is required. 2 If SLN07 is present, then SLN06 is required. 3 If SLN08 is present, then SLN06 is required. 4 If either SLN09 or SLN10 is present, then the other is required. 5 If either SLN11 or SLN12 is present, then the other is required. 6 If either SLN13 or SLN14 is present, then the other is required. 7 If either SLN15 or SLN16 is present, then the other is required. 8 If either SLN17 or SLN18 is present, then the other is required. 9 If either SLN19 or SLN20 is present, then the other is required. 10 If either SLN21 or SLN22 is present, then the other is required. 11 If either SLN23 or SLN24 is present, then the other is required. 12 If either SLN25 or SLN26 is present, then the other is required. 13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1 SLN01 is the identifying number for the subline item. 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials. 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item. 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	1 See the Data Element Dictionary for a complete list of IDs. 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1. 3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.
Notes:	1. YNA uses the SLN segment only to allow our overseas Affiliates and suppliers to send component and finished goods item pricing information. This information will be used by YNA for Customs reporting purposes and is MANDATORY for shipments entering the US. This segment is OPTIONAL for shipments that occur entirely within the borders of the US. Example: SLN*001**I***25.37*PE~

Data Element Summary

Ref.	Data		Base	User
Des.	Element	Name	Attributes	Attributes
SLN01	350	Assigned Identification	M 1 AN 1/20	M

Alphanumeric characters assigned for differentiation within a transaction set

The value sent must always be "001".

SLN02	350	Assigned Identification	O	1	AN 1/20	N/U
SLN03	662	Relationship Code	M	1	ID 1/1	M
		Code indicating the relationship between entities				
		I Included				
SLN04	380	Quantity	X	1	R 1/15	N/U
SLN05	C001	Composite Unit of Measure	X	1		N/U
		To identify a composite unit of measure (See Figures Appendix for examples of use)				
C00101	355	Unit or Basis for Measurement Code	M		ID 2/2	N/U
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		Refer to 005050 Data Element Dictionary for acceptable code values.				
C00102	1018	Exponent	O		R 1/15	N/U
C00103	649	Multiplier	O		R 1/10	N/U
C00104	355	Unit or Basis for Measurement Code	O		ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
C00105	1018	Exponent	O		R 1/15	N/U
C00106	649	Multiplier	O		R 1/10	N/U
C00107	355	Unit or Basis for Measurement Code	O		ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
C00108	1018	Exponent	O		R 1/15	N/U
C00109	649	Multiplier	O		R 1/10	N/U
C00110	355	Unit or Basis for Measurement Code	O		ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
C00111	1018	Exponent	O		R 1/15	N/U
C00112	649	Multiplier	O		R 1/10	N/U
C00113	355	Unit or Basis for Measurement Code	O		ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.				
C00114	1018	Exponent	O		R 1/15	N/U
C00115	649	Multiplier	O		R 1/10	N/U
SLN06	212	Unit Price	X	1	R 1/17	Must Use
		Price per unit of product, service, commodity, etc.				
		The unit price must be expressed in US Dollars.				
SLN07	639	Basis of Unit Price Code	O	1	ID 2/2	Must Use
		Code identifying the type of unit price for an item				
		The value returned must be the same as the value sent on the 830.				
		HP Price per Hundred				
		HT Price Per 100,000				
		P7 Price per Meter				

		PE	Price per Each				
		TP	Price per Thousand				
		TT	Price Per 10,000				
SLN08	662	Relationship Code	O	1	ID 1/1	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
SLN09	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
SLN10	234	Product/Service ID	X	1	AN 1/48	N/U	
SLN11	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
SLN12	234	Product/Service ID	X	1	AN 1/48	N/U	
SLN13	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
SLN14	234	Product/Service ID	X	1	AN 1/48	N/U	
SLN15	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
SLN16	234	Product/Service ID	X	1	AN 1/48	N/U	
SLN17	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
SLN18	234	Product/Service ID	X	1	AN 1/48	N/U	
SLN19	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
SLN20	234	Product/Service ID	X	1	AN 1/48	N/U	
SLN21	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
SLN22	234	Product/Service ID	X	1	AN 1/48	N/U	
SLN23	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
SLN24	234	Product/Service ID	X	1	AN 1/48	N/U	
SLN25	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
SLN26	234	Product/Service ID	X	1	AN 1/48	N/U	
SLN27	235	Product/Service ID Qualifier	X	1	ID 2/2	N/U	
		Refer to 005050 Data Element Dictionary for acceptable code values.					
SLN28	234	Product/Service ID	X	1	AN 1/48	N/U	

Segment:	REF Reference Identification - Seller's Invoice Number
Position:	1500
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	1. Exactly one REF segment must be included at this point to specify the seller's invoice number (REF01 = "IV"). 2. If at the time of shipment the seller's invoice number is not known, then the supplier/affiliate should send some unique identifier that they can later use to reconcile YNA's payment(s) for this shipment. 3. This identifier will be noted as the "Seller's Invoice Number" on the payment made for this shipment.
	Example: REF*IV*123456~

Data Element Summary				
Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier	M 1 ID 2/3	M
		Code qualifying the Reference Identification		
		IV Seller's Invoice Number		
REF02	127	Reference Identification	X 1 AN 1/80	
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
REF03	352	Description	X 1 AN 1/80	N/U
REF04	C040	Reference Identifier	O 1	N/U
		To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
C04001	128	Reference Identification Qualifier	M ID 2/3	N/U
		Code qualifying the Reference Identification		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
C04002	127	Reference Identification	M AN 1/80	N/U
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
C04003	128	Reference Identification Qualifier	X ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.		
C04004	127	Reference Identification	X AN 1/80	N/U
C04005	128	Reference Identification Qualifier	X ID 2/3	N/U

Refer to 005050 Data Element Dictionary for acceptable code values.

C04006	127	Reference Identification	X	AN 1/80	N/U
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Segment:	REF Reference Identification - Consignee's Invoice Number
Position:	1500
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	1. The Consignee's Invoice Number (REF01 = "IN") should be sent only by Yazaki's Asian Affiliates. 2. This invoice number is informational only and will not be used as the basis for payment by YNA, nor will it appear on any remittance advice.
	Example: REF*IV*123456~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IN Consignee's Invoice Number	M 1 ID 2/3	M
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/80	
REF03	352	Description	X 1 AN 1/80	N/U
REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O 1	N/U
C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005050 Data Element Dictionary for acceptable code values.	M ID 2/3	N/U
C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/80	N/U
C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005050 Data Element Dictionary for acceptable code values.	X ID 2/3	N/U
C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/80	N/U

C04005	128	Reference Identification Qualifier	X	ID 2/3	N/U
		Code qualifying the Reference Identification			
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C04006	127	Reference Identification	X	AN 1/80	N/U
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

Segment:	REF Reference Identification - Product Group
Position:	1500
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Dependent)
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	Example: REF*PG*123456~

Data Element Summary				
Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification PG Product Group	M 1 ID 2/3	M
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier 1. The value sent here is the "CARLINE CODE" (Example: CD388, P221, etc.)	X 1 AN 1/80	
REF03	352	Description	X 1 AN 1/80	N/U
REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O 1	N/U
C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005050 Data Element Dictionary for acceptable code values.	M ID 2/3	N/U
C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/80	N/U
C04003	128	Reference Identification Qualifier Refer to 005050 Data Element Dictionary for acceptable code values.	X ID 2/3	N/U
C04004	127	Reference Identification	X AN 1/80	N/U
C04005	128	Reference Identification Qualifier Refer to 005050 Data Element Dictionary for acceptable code values.	X ID 2/3	N/U
C04006	127	Reference Identification	X AN 1/80	N/U

Segment:	REF Reference Identification - Packing List
Position:	1500
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	1. This segment is MANDATORY for domestic (i.e. North American) suppliers, but OPTIONAL for overseas suppliers. 2. At least one REF segment must be included in every 856 at this point to specify the packing slip (REF01 = "PK"). 3. If your business uses Shipment Identification Numbers (SIDs) instead of Packing Slip Numbers, send the SID (Shipment Identification Number) as the Packing Slip Number. 4. It is possible that the Packing Slip Number sent here may be the same as the Bill of Lading Number sent in the first occurrence of the REF segment.
	Example: REF*PK*123456~

Data Element Summary					
Ref.	Data		Base		User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		<u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification PK Packing List Number	M	1 ID 2/3	M
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	1 AN 1/80	
REF03	352	Description A free-form description to clarify the related data elements and their content	X	1 AN 1/80	
REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	1	N/U
C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005050 Data Element Dictionary for acceptable code values.	M	ID 2/3	N/U
C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN 1/80	N/U
C04003	128	Reference Identification Qualifier	X	ID 2/3	N/U

		Refer to 005050 Data Element Dictionary for acceptable code values.			
C04004	127	Reference Identification	X	AN 1/80	N/U
C04005	128	Reference Identification Qualifier	X	ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C04006	127	Reference Identification	X	AN 1/80	N/U

Segment:	CLD Load Detail
Position:	1700
Loop:	CLD Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the number of material loads shipped
Syntax Notes:	1 If CLD05 is present, then CLD04 is required.
Semantic Notes:	1 CLD05 is used to dimension the value given in CLD04.
Comments:	1 The CLD data segment may be used to provide information to aid in the preparation of move tags and/or bar coded labels.
Notes:	1. The CLD/REF loop is used to detail the number of loads, the types of containers used, and the piece count per container in which an item is shipped. 2. A shipment might be sent in a number of different "standard pack" container types where each container type has a different standard piece count, but all the containers of one type have the same piece count. In this case a separate CLD/REF loop must be sent for each "standard pack" container type. 3. In addition the shipment might include an "odd pack" where one or more containers do not hold a standard piece count. A separate CLD/REF loop must be sent for each "odd pack" container type. All of these "odd pack" containers within a single CLD/REF loop must have the same piece count per container. 4. If the number of containers being shipped for any one particular container type exceeds 200, regardless of whether they are "standard" or "odd" pack containers, then multiple instances of the CLD/REF loop must be created since you cannot send more than 200 REF segments within any one CLD/REF loop. Example: CLD*5*25*CTN90**PC~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
CLD01	622	Number of Loads	M 1 N0 1/5	M
		Number of customer-defined loads shipped by the supplier		
		1. This is the number of containers being shipped of the type listed in element CLD03.		
		2. When the REF segments within this CLD/REF loop are used to send container bar code serial numbers, the number of loads listed here must be the same as the number of REF segments that follow.		
CLD02	382	Number of Units Shipped	M 1 R 1/10	M
		Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set		
		1. Use this element to note the number of pieces sent in the shipping container listed in element CLD03.		
		2. All containers of the type listed in element CLD03 must contain the same number of parts.		
CLD03	103	Packaging Code	O 1 AN 3/5	Must Use
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging		

Material; if the Data Element is used, then Part 1 is always required

Examples:

BIN90 Bin, Standard
 BOX25 Box, Corrugated or Solid
 BOX90 Box, Standard
 CTN79 Carton, Returnable
 CTN90 Carton, Standard
 PLT90 Pallet, Standard
 REL90 Reel, Standard

or any other mutually agreed upon code that can be built from standard ANSI X-12 values. See below for a partial list of values commonly used by YNA:

BIN	Bin
BOX	Box
CNT	Container
CTN	Carton
PLT	Pallet
REL	Reel
25	Corrugated or Solid
90	Standard
94	Wood

CLD04	357	Size	X	1	R 1/8	Must Use
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Size of supplier units in pack

This is the gross carton weight of the carton specified in CLD03 when loaded with parts.

CLD05	355	Unit or Basis for Measurement Code	O	1	ID 2/2	Must Use
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Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

KG	Kilogram
LB	Pound

Segment:	REF Reference Information
Position:	1800
Loop:	CLD Optional
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	1. The REF segment used here is for the transmission of container Bar-Coded Carton Label Serial Numbers. YNA expects each shipment container to be scanned by the supplier/shipper and the Bar-Coded Carton Label Serial Numbers for each container must be sent in this segment. 2. Bar-Coded Carton Label Serial Numbers must conform to the published Yazaki format. Example showing usage for Bar-Coded Serial Numbers for a fictitious domestic vendor "3009999" during the year 2011: <pre>REF*SE*30099991112345~ REF*SE*30099991112346~ REF*SE*30099991112347~ REF*SE*30099991112348~</pre>

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification SE Serial Number	M 1 ID 2/3	M
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/80	Must Use
REF03	352	Description	X 1 AN 1/80	N/U
REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier REF04 is a composite data element, C040, which contains 6 simple data elements. YNA only utilizes the first and second components of the composite, data elements C04001 & C04002.	O 1	
C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification LT Lot Number	M ID 2/3	M

C04002	127	Reference Identification	M	AN 1/80	M
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
		1. The value sent here must be a lot tracking number that will allow the supplier/affiliate to determine the exact date of manufacture of the parts contained in this carton.			
		2. If the affiliate does not have a lot tracking system that would enable them to provide a lot number, then the date of manufacture of the parts contained in this carton must be specified in CCYYMMDD format.			
C04003	128	Reference Identification Qualifier	X	ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C04004	127	Reference Identification	X	AN 1/80	N/U
C04005	128	Reference Identification Qualifier	X	ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.			
C04006	127	Reference Identification	X	AN 1/80	N/U

Segment: **DTM** **Date/Time Reference - Seller's Invoice Date**

Position: 2000

Loop: HL Mandatory

Level: Detail

Usage: Optional (Dependent)

Max Use: 1

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: 1. Exactly one DTM segment must be included at this point to specify the date of the seller's invoice number specified in the REF*IV segment above.

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
DTM01	374	Date/Time Qualifier	M 1 ID 3/3	M
		Code specifying type of date or time, or both date and time		
		003 Invoice		
DTM02	373	Date	X 1 DT 8/8	
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
DTM03	337	Time	X 1 TM 4/8	N/U
DTM04	623	Time Code	O 1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.		
DTM05	1250	Date Time Period Format Qualifier	X 1 ID 2/3	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.		
DTM06	1251	Date Time Period	X 1 AN 1/35	N/U

Segment: **CTT** Transaction Totals

Position: 0100

Loop:

Level: Summary

Usage: Optional (Must Use)

Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction set

Syntax Notes:

- 1 If either CTT03 or CTT04 is present, then the other is required.
- 2 If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes:

Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Notes: Example: CTT*25*1250~

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
CTT01	354	Number of Line Items	M 1 N0 1/6	M
		Total number of Hierarchical Levels in the transaction set		
		The value sent in this element must be the number of HL segments sent in the document, not the number of LIN segments.		
CTT02	347	Hash Total	O 1 R 1/10	Must Use
		Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.		
		Example:		
		-.0018 First occurrence of value being hashed.		
		.18 Second occurrence of value being hashed.		
		1.8 Third occurrence of value being hashed.		
		18.01 Fourth occurrence of value being hashed.		
		18E2 Fifth occurrence of value being hashed.		

		1873 Hash Total		
		Total of all SN102 element values.		
CTT03	81	Weight	X 1 R 1/10	N/U
CTT04	355	Unit or Basis for Measurement Code	X 1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.		
CTT05	183	Volume	X 1 R 1/8	N/U
CTT06	355	Unit or Basis for Measurement Code	X 1 ID 2/2	N/U
		Refer to 005050 Data Element Dictionary for acceptable code values.		
CTT07	352	Description	O 1 AN 1/80	N/U

Segment: **SE** Transaction Set Trailer
Position: 0200
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Notes: Example: SE*125*0001~

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
SE01	96	Number of Included Segments	M 1 N0 1/10	M
		Total number of segments included in a transaction set including ST and SE segments		
SE02	329	Transaction Set Control Number	M 1 AN 4/9	M
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
		This must match the value sent in element ST02.		

ISA*00* *00* *01*1234567890 *12*7349831001 *100811*1643*<*00505*000009867*0*P*^~
GS*SH*1234567890*7349831001*20100811*1643*23418*X*005050~
ST*856*000063093~
BSN*00*00174758*20100811*0933~
DTM*011*20100811*1451*ET~
DTM*017*20100813*1200*ET~
HL*1**S~
MEA*PD*G*314*LB~
MEA*PD*N*314*LB~
MEA*PD*T*0*LB~
MEA*PD*VOL*0*CF~
TD1*BOX25*8~
TD5*B*2*PNII*M~
REF*BM*0000080786~
N1*SF**92*6000020~
N1*ST**92*1510~
N1*RI**92*6000020~
HL*2*1*E~
TD3*TL**174758*G*314*LB~
N1*CL**92*6000020~
HL*3*2*T~
HL*4*3*I~
LIN**BP*000000000071162642*VP*71162642*PD*ANNEAL 250 FEMALE*PO*5500003798*EC*TRAN*CH*US~
SN1**60000*EA*360000~
SLN*001**I***0.01*PE~
REF*IV*00174758~
REF*PK*00174758~
CLD*2*30000*BOX25*52*LB~
REF*SE*3208615CCC~
REF*SE*3208617CCC~
DTM*003*20100811~
HL*5*2*T~
HL*6*5*I~
LIN**BP*000000000071141170*VP*71141170*PD*090 MALE*PO*5500003789*EC*TRAN*CH*US~
SN1**140000*EA*3892000~
SLN*001**I***0.01*PE~
REF*IV*00174758~
REF*PK*00174758~
CLD*5*28000*BOX25*34*LB~
REF*SE*3200655CCC~

REF*SE*3200656CCC~
REF*SE*3200657CCC~
REF*SE*3201740CCC~
REF*SE*3201742CCC~
DTM*003*20100811~
HL*7*2*T~
HL*8*7*I~
LIN**BP*000000000071161180*VP*71161180*PD*090 FEMALE*PO*5500003793*EC*TRAN*CH*US~
SN1**50000*EA*7550000~
SLN*001**I***0.01*PE~
REF*IV*00174758~
REF*PK*00174758~
CLD*1*50000*BOX25*40*LB~
REF*SE*3215477CCC~
DTM*003*20100811~
CTT*8*250000~
SE*55*000063093~
GE*1*23418~
IEA*1*000009867~

ISA*00* *00* *ZZ*1234567890 *12*7349831002 *100729*0600*<*00505*0000000036*0*P*^~
GS*SH*1234567890*7349831002*20100729*0600*36*X*005050~
ST*856*0001~
BSN*00*20100729060048222*20100729*0600~
DTM*011*20100729~
DTM*005*20100801~
DTM*056*20100812~
DTM*017*20100812~
HL*1**S~
MEA*PD*G*3869.63*KG~
MEA*PD*N*59.63*KG~
MEA*PD*T*3810*KG~
MEA*PD*VOL*67.7*CR~
TD1*CTN25*50~
TD5*B*2*MIUK*0~
TD5*1*3*MIUK*0***KE*57035~
TD5*2*3*MIUK*0*CSCCLAMERIC**PE*2704~
REF*BM*2NBLAX036816~
FOB*PP*CA*CN*01*CIF*AC*SHANGHAI~
N1*SF**92*6000118~
N1*ST**92*1510~
N1*RI**92*6000118~
HL*2*1*E~
TD3*VT*CCLU*4534942*G*3869.63*KG***G486709*40ST~
N1*CL*HZY - FACTORY 2 BATTERY CABLE WIRE*92*6000118~
HL*3*2*T~
REF*LS*HZY20006296~
PAL*0****9*KG*****9.21*KG~
HL*4*3*I~
LIN**BP*18005704730*VP*18005704730*P0*HA0091~
SN1**900*MR~
SLN*001**I***3029.16*PE~
REF*IV*MXU2BC0027B~
REF*PG*COMP~
REF*PK*MXU2BC0027B~
CLD*18*50*CTN25*0.21*KG~
REF*SE*S0C289428A~
REF*SE*S0C289429A~
REF*SE*S0C289430A~
REF*SE*S0C289431A~

REF*SE*S0C289439A~
REF*SE*S0C289440A~
REF*SE*S0C289441A~
REF*SE*S0C289442A~
REF*SE*S0C289443A~
REF*SE*S0C289444A~
REF*SE*S0C289445A~
REF*SE*S0C289446A~
REF*SE*S0C289447A~
REF*SE*S0C289448A~
REF*SE*S0C289449A~
REF*SE*S0C289450A~
REF*SE*S0C289451A~
REF*SE*S0C289452A~
DTM*003*20100728~
HL*5*4*T~
REF*LS*HZY20006311~
PAL*0****9*KG*****27.21*KG~
HL*6*5*I~
LIN**BP*18005704730*VP*18005704730*PO*HA0091~
SN1**700*MR~
SLN*001**I***3029.16*PE~
REF*IV*MXU2BC0027B~
REF*PG*COMP~
REF*PK*MXU2BC0027B~
CLD*14*50*CTN25*18.21*KG~
REF*SE*S0C239616A~
REF*SE*S0C239619A~
REF*SE*S0C239648A~
REF*SE*S0C239651A~
REF*SE*S0C239674A~
REF*SE*S0C239675A~
REF*SE*S0C239680A~
REF*SE*S0C239681A~
REF*SE*S0C239682A~
REF*SE*S0C239683A~
REF*SE*S0C239684A~
REF*SE*S0C239685A~
REF*SE*S0C239702A~
REF*SE*S0C239703A~

DTM*003*20100728~
HL*7*6*T~
REF*LS*HZY20006364~
PAL*0****9*KG*****23.21*KG~
HL*8*7*I~
LIN**BP*18005704730*VP*18005704730*PO*HA0091~
SN1**900*MR~
SLN*001**I***3029.16*PE~
REF*IV*MXU2BC0027B~
REF*PG*COMP~
REF*PK*MXU2BC0027B~
CLD*18*50*CTN25*14.21*KG~
REF*SE*S0C289353A~
REF*SE*S0C289354A~
REF*SE*S0C289355A~
REF*SE*S0C289356A~
REF*SE*S0C289357A~
REF*SE*S0C289358A~
REF*SE*S0C289359A~
REF*SE*S0C289360A~
REF*SE*S0C289361A~
REF*SE*S0C289362A~
REF*SE*S0C289363A~
REF*SE*S0C289364A~
REF*SE*S0C289365A~
REF*SE*S0C289366A~
REF*SE*S0C289367A~
REF*SE*S0C289368A~
REF*SE*S0C289369A~
REF*SE*S0C289370A~
DTM*003*20100728~
CTT*8*2500~
SE*111*0001~
GE*1*36~
IEA*1*0000000036~

ISA*00* *00* *ZZ*1234567890 *12*7349831002 *100817*1915*<*00505*000000748*0*P*^~
GS*SH*1234567890*7349831002*20100817*1915*748*X*005050~
ST*856*0001~
BSN*00*20100817191528728*20100817*1915~
DTM*011*20100818~
DTM*005*20100818~
DTM*056*20100818~
DTM*017*20100820~
HL*1**S~
MEA*PD*G*32669*KG~
MEA*PD*N*32669*KG~
MEA*PD*T*0*KG~
MEA*PD*VOL*0*CR~
TD1*CTN25*85~
TD5*B*2*NPNE*A***OR*NRT~
REF*BM*NEC86875040~
FOB*CC*CA*JP*01*FCA*AC*NARITA~
N1*Sf**92*6000018~
N1*ST**92*1510~
N1*RI**92*6000018~
HL*2*1*E~
TD3*AF*NEC*86875040*G*32669*KG~
N1*CL*NIPPON EXPRESS CO., LTD. *92*7311~
HL*3*2*T~
PAL*0*****9*KG*****32669*KG~
HL*4*3*I~
LIN**BP*7282069390*VP*7282-0693-90*PO*UA009K1~
SN1**2000*EA~
SLN*001**I***200.33*PE~
REF*IV*AC016210~
REF*PG*COMP~
REF*PK*AC01-6210~
CLD*5*400*CTN25*3500*KG~
REF*SE*32U2 Y00017UA009K1~
REF*SE*32U2 Y00018UA009K1~
REF*SE*32U2 Y00019UA009K1~
REF*SE*32U2 Y00020UA009K1~
REF*SE*32U2 Y00021UA009K1~
DTM*003*20100817~
HL*5*4*I~

LIN**BP*72829614*VP*7282-9614*PO*UA009K1~
SN1**800*EA~
SLN*001**I***372.67*PE~
REF*IV*AC016210~
REF*PG*COMP~
REF*PK*AC01-6210~
CLD*2*400*CTN25*5520*KG~
REF*SE*32U2 Y00047UA009K1~
REF*SE*32U2 Y00048UA009K1~
DTM*003*20100817~
HL*6*5*I~
LIN**BP*72822190*VP*7282-2190*PO*UA009K1~
SN1**4000*EA~
SLN*001**I***132.78*PE~
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REF*PG*COMP~
REF*PK*AC01-6210~
CLD*8*500*CTN25*2950*KG~
REF*SE*32U2 Y00022UA009K1~
REF*SE*32U2 Y00023UA009K1~
REF*SE*32U2 Y00024UA009K1~
REF*SE*32U2 Y00025UA009K1~
REF*SE*32U2 Y00026UA009K1~
REF*SE*32U2 Y00027UA009K1~
REF*SE*32U2 Y00028UA009K1~
REF*SE*32U2 Y00029UA009K1~
DTM*003*20100817~
HL*7*6*I~
LIN**BP*72832042*VP*7283-2042*PO*UA009K1~
SN1**8500*EA~
SLN*001**I***162.11*PE~
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REF*PG*COMP~
REF*PK*AC01-6210~
CLD*17*500*CTN25*1600*KG~
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REF*SE*32U2 Y00086UA009K1~
REF*SE*32U2 Y00087UA009K1~
REF*SE*32U2 Y00088UA009K1~
DTM*003*20100817~
HL*8*7*I~
LIN**BP*72839882*VP*7283-9882*PO*UA009K1~
SN1**19000*EA~
SLN*001**I***163*PE~
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REF*PG*COMP~
REF*PK*AC01-6210~
CLD*38*500*CTN25*2250*KG~
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REF*SE*32U2 Y00145UA009K1~
REF*SE*32U2 Y00146UA009K1~
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REF*SE*32U2 Y00171UA009K1~
REF*SE*32U2 Y00172UA009K1~
REF*SE*32U2 Y00173UA009K1~
REF*SE*32U2 Y00174UA009K1~
DTM*003*20100817~
HL*9*8*I~
LIN**BP*7283351890*VP*7283-3518-90*PO*UA009K1~
SN1**5000*EA~
SLN*001**I***441.78*PE~
REF*IV*AC016210~
REF*PG*COMP~
REF*PK*AC01-6210~
CLD*5*1000*CTN25*6600*KG~
REF*SE*32U2 Y00089UA009K1~
REF*SE*32U2 Y00090UA009K1~
REF*SE*32U2 Y00091UA009K1~
REF*SE*32U2 Y00092UA009K1~
REF*SE*32U2 Y00093UA009K1~
DTM*003*20100817~
HL*10*9*I~
LIN**BP*7283404340*VP*7283-4043-40*PO*UA009K1~
SN1**6000*EA~
SLN*001**I***441.78*PE~
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REF*PG*COMP~

REF*PK*AC01-6210~
CLD*6*1000*CTN25*6600*KG~
REF*SE*32U2 Y00094UA009K1~
REF*SE*32U2 Y00095UA009K1~
REF*SE*32U2 Y00096UA009K1~
REF*SE*32U2 Y00097UA009K1~
REF*SE*32U2 Y00098UA009K1~
REF*SE*32U2 Y00099UA009K1~
DTM*003*20100817~
HL*11*10*I~
LIN**BP*7283425990*VP*7283-4259-90*PO*UA009K1~
SN1**3000*EA~
SLN*001**I***86*PE~
REF*IV*AC016210~
REF*PG*COMP~
REF*PK*AC01-6210~
CLD*3*1000*CTN25*1300*KG~
REF*SE*32U2 Y00100UA009K1~
REF*SE*32U2 Y00101UA009K1~
REF*SE*32U2 Y00102UA009K1~
DTM*003*20100817~
HL*12*11*I~
LIN**BP*72839573*VP*7283-9573*PO*UA009K1~
SN1**1000*EA~
SLN*001**I***89*PE~
REF*IV*AC016210~
REF*PG*COMP~
REF*PK*AC01-6210~
CLD*1*1000*CTN25*2340*KG~
REF*SE*32U2 Y00123UA009K1~
DTM*003*20100817~
CTT*12*49300~
SE*191*0001~
GE*1*748~
IEA*1*000000748~

997 Functional Acknowledgment

Functional Group ID=**FA**

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Functional Acknowledgment Transaction Set (997) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to define the control structures for a set of acknowledgments to indicate the results of the syntactical analysis of the electronically encoded documents. The encoded documents are the transaction sets, which are grouped in functional groups, used in defining transactions for business data interchange. This standard does not cover the semantic meaning of the information encoded in the transaction sets.

Page No.	Pos. No.	Seg. ID	Name	Base Guide	Yazaki Usage	Max.Use	Loop Repeat	Notes and Comments
3	0100	ST	Transaction Set Header	M	M	1		n1
4	0200	AK1	Functional Group Response Header	M	M	1		n2
			LOOP ID - AK2				>1	
5	0300	AK2	Transaction Set Response Header	O	O	1		n3
			LOOP ID - AK3				>1	
6	0400	AK3	Data Segment Note	O	O	1		c1
7	0500	AK4	Data Element Note	O	O	99		
8	0600	AK5	Transaction Set Response Trailer	M	M	1		
9	0700	AK9	Functional Group Response Trailer	M	M	1		
11	0800	SE	Transaction Set Trailer	M	M	1		

Transaction Set Notes

- These acknowledgments shall not be acknowledged, thereby preventing an endless cycle of acknowledgments of acknowledgments. Nor shall a Functional Acknowledgment be sent to report errors in a previous Functional Acknowledgment.
There is only one Functional Acknowledgment Transaction Set per acknowledged functional group. Only one acknowledgement, either a single Transaction Set 997 or a single Transaction Set 999, should be generated for a functional group unless mutually agreed upon.
- AK1 is used to respond to the functional group header and to start the acknowledgment for a functional group. There shall be one AK1 segment for the functional group that is being acknowledged. The Functional Acknowledgement is generated at the point of translation, intended for the originator (not any intermediate parties).
The Functional Group Header Segment (GS) is used to start the envelope for the Functional Acknowledgment Transaction Sets. In preparing the functional group of acknowledgments, the application sender's code and the application receiver's code, taken from the functional group being acknowledged, are exchanged; therefore, one acknowledgment functional group responds to only those functional groups from one application receiver's code to one application sender's code.
- AK2 is used to start the acknowledgment of a transaction set within the received functional group. The AK2 segments shall appear in the same order as the transaction sets in the functional group that has

been received and is being acknowledged.

Transaction Set Comments

1. The data segments of this standard are used to report the results of the syntactical analysis of the functional groups of transaction sets; they report the extent to which the syntax complies with the standards or proper subsets of transaction sets and functional groups. They do not report on the semantic meaning of the transaction sets (for example, on the ability of the receiver to comply with the request of the sender).

Segment: **ST** Transaction Set Header

Position: 0100

Loop:

Level:

Usage: Mandatory

Max Use: 1

Purpose: To indicate the start of a transaction set and to assign a control number

Syntax Notes:

Semantic Notes:

- 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

Comments:

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set Refer to 005050 Data Element Dictionary for acceptable code values.	M 1 ID 3/3	M
ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9	M
ST03	1705	Implementation Convention Reference Reference assigned to identify Implementation Convention	O 1 AN 1/35	

Segment: **AK1** Functional Group Response Header
Position: 0200
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To start acknowledgment of a functional group
Syntax Notes:
Semantic Notes:

- 1 AK101 is the functional ID found in the GS segment (GS01) in the functional group being acknowledged.
- 2 AK102 is the functional group control number found in the GS segment in the functional group being acknowledged.
- 3 AK103 is the version release industry identifier code in the GS segment (GS08) in the functional group being acknowledged.

Comments:

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
AK101	479	Functional Identifier Code	M 1 ID 2/2	M
		Code identifying a group of application related transaction sets		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
AK102	28	Group Control Number	M 1 N0 1/9	M
		Assigned number originated and maintained by the sender		
AK103	480	Version / Release / Industry Identifier Code	O 1 AN 1/12	
		Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed		
		Refer to 005050 Data Element Dictionary for acceptable code values.		

Segment: **AK2** Transaction Set Response Header

Position: 0300

Loop: AK2 Optional

Level:

Usage: Optional

Max Use: 1

Purpose: To start acknowledgment of a single transaction set

Syntax Notes:

Semantic Notes:

- 1 AK201 is the transaction set ID found in the ST segment (ST01) in the transaction set being acknowledged.
- 2 AK202 is the transaction set control number found in the ST segment in the transaction set being acknowledged.
- 3 AK203 is the implementation convention reference, if any, found in the ST segment (ST03) in the transaction set being acknowledged.

Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Base			User	
			Attributes			Attributes	
AK201	143	Transaction Set Identifier Code	M	1	ID 3/3	M	
		Code uniquely identifying a Transaction Set					
		Refer to 005050 Data Element Dictionary for acceptable code values.					
AK202	329	Transaction Set Control Number	M	1	AN 4/9	M	
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
AK203	1705	Implementation Convention Reference	O	1	AN 1/35		
		Reference assigned to identify Implementation Convention					

Segment: **AK3** Data Segment Note

Position: 0400

Loop: AK3 Optional

Level:

Usage: Optional

Max Use: 1

Purpose: To report errors in a data segment and identify the location of the data segment

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
AK301	721	Segment ID Code	M 1 ID 2/3	M
		Code defining the segment ID of the data segment in error (See Appendix A - Number 77)		
AK302	719	Segment Position in Transaction Set	M 1 N0 1/10	M
		The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1		
AK303	447	Loop Identifier Code	O 1 AN 1/4	
		The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE		
AK304	720	Segment Syntax Error Code	O 1 ID 1/3	
		Code indicating error found based on the syntax editing of a segment Refer to 005050 Data Element Dictionary for acceptable code values.		

Segment: **AK4** Data Element Note
Position: 0500
Loop: AK3 Optional
Level:
Usage: Optional
Max Use: 99
Purpose: To report errors in a data element or composite data structure and identify the location of the data element

Syntax Notes:

Semantic Notes: 1 In no case shall a value be used for AK404 that would generate a syntax error, e.g., an invalid character.

Comments:**Data Element Summary**

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
AK401	C030	Position in Segment	M 1	M
		Code indicating the relative position of the simple data element or composite data structure in error within a segment, count beginning with 1 for the position immediately following the segment ID; additionally indicating the relative position of a repeating structure in error, count beginning with 1 for the position immediately following the preceding element separator; additionally indicating the relative position of a component of a composite data structure in error, count beginning with 1 for the position following the preceding element or repetition separator		
C03001	722	Element Position in Segment	M N0 1/2	M
		This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID		
C03002	1528	Component Data Element Position in Composite	O N0 1/2	
		To identify the component data element position within the composite that is in error		
C03003	1686	Repeating Data Element Position	O N0 1/4	
		To identify the specific repetition of a data element that is in error		
AK402	725	Data Element Reference Number	O 1 N0 1/4	
		Reference number used to locate the data element in the Data Element Dictionary		
AK403	723	Data Element Syntax Error Code	M 1 ID 1/3	M
		Code indicating the error found after syntax edits of a data element Refer to 005050 Data Element Dictionary for acceptable code values.		
AK404	724	Copy of Bad Data Element	O 1 AN 1/99	
		This is a copy of the data element in error		

Segment: **AK5** Transaction Set Response Trailer
Position: 0600
Loop: AK2 Optional
Level:
Usage: Mandatory
Max Use: 1
Purpose: To acknowledge acceptance or rejection and report errors in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
AK501	717	Transaction Set Acknowledgment Code	M 1 ID 1/1	M
		Code indicating accept or reject condition based on the syntax editing of the transaction set		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
AK502	718	Transaction Set Syntax Error Code	O 1 ID 1/3	
		Code indicating error found based on the syntax editing of a transaction set		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
AK503	718	Transaction Set Syntax Error Code	O 1 ID 1/3	
		Code indicating error found based on the syntax editing of a transaction set		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
AK504	718	Transaction Set Syntax Error Code	O 1 ID 1/3	
		Code indicating error found based on the syntax editing of a transaction set		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
AK505	718	Transaction Set Syntax Error Code	O 1 ID 1/3	
		Code indicating error found based on the syntax editing of a transaction set		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
AK506	718	Transaction Set Syntax Error Code	O 1 ID 1/3	
		Code indicating error found based on the syntax editing of a transaction set		
		Refer to 005050 Data Element Dictionary for acceptable code values.		

Segment: **AK9** Functional Group Response Trailer
Position: 0700
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To acknowledge acceptance or rejection of a functional group and report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in this functional group

Syntax Notes:**Semantic Notes:**

Comments: 1 If AK901 contains the value "A" or "E", then the transmitted functional group is accepted.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
AK901	715	Functional Group Acknowledge Code	M 1 ID 1/1	M
		Code indicating accept or reject condition based on the syntax editing of the functional group		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
AK902	97	Number of Transaction Sets Included	M 1 N0 1/6	M
		Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element		
AK903	123	Number of Received Transaction Sets	M 1 N0 1/6	M
		Number of Transaction Sets received		
AK904	2	Number of Accepted Transaction Sets	M 1 N0 1/6	M
		Number of accepted Transaction Sets in a Functional Group		
AK905	716	Functional Group Syntax Error Code	O 1 ID 1/3	
		Code indicating error found based on the syntax editing of the functional group header and/or trailer		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
AK906	716	Functional Group Syntax Error Code	O 1 ID 1/3	
		Code indicating error found based on the syntax editing of the functional group header and/or trailer		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
AK907	716	Functional Group Syntax Error Code	O 1 ID 1/3	
		Code indicating error found based on the syntax editing of the functional group header and/or trailer		
		Refer to 005050 Data Element Dictionary for acceptable code values.		
AK908	716	Functional Group Syntax Error Code	O 1 ID 1/3	
		Code indicating error found based on the syntax editing of the functional group header and/or trailer		

Refer to 005050 Data Element Dictionary for acceptable code values.

AK909 716 Functional Group Syntax Error Code O 1 ID 1/3

Code indicating error found based on the syntax editing of the functional group header and/or trailer

Refer to 005050 Data Element Dictionary for acceptable code values.

Segment: **SE** Transaction Set Trailer
Position: 0800
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Base Attributes</u>			<u>User Attributes</u>	
			<u>M</u>	<u>1</u>	<u>N0 1/10</u>	<u>M</u>	
SE01	96	Number of Included Segments					
		Total number of segments included in a transaction set including ST and SE segments					
SE02	329	Transaction Set Control Number					
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					