

# The Forzani Group Ltd. Electronic Data Interchange (EDI) Implementation Guidelines ANSI X12 Version 5010

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## **856 Advanced Ship Notice Pick Pack**

**Implementation Guide Version 1.4.2**

**Published: April 22<sup>th</sup>, 2010**

## Introduction - 856 Advanced Ship Notice - Forzani Group Ltd.

### Business Purpose

Forzani Group Ltd will use this document to manage the transportation, distributions and receiving of your products for our stores or distribution centers. Its purpose is to enable vendors to notify Forzani Group Ltd that merchandise for a particular purchase order is ready to ship. The document contains data relating to the vendor's shipment, the Forzani purchase order and the shipped quantities. It also contains information used to track the items shipped at the carton level and optionally at the pallet level.

The carton level tracking enables Forzani to expeditiously and accurately receive merchandise at the designated ship-to locations. The use of UCC-128 carton labels is mandatory and optional at the pallet level.

*Throughout this document, the term supplier and vendor are used interchangeably. Suppliers should also reference the FGL Vendors Standards Manual, the FGL Electronic Trading Operations Manual and the FGL EDI Glossary and Examples for additional information on implementing EDI with FGL.*

### Change History

Date	Version	Description of Changes
November 27 <sup>th</sup> , 2007	Draft 1.0	Original Draft version Published
February 16 <sup>th</sup> , 2008	Version 1.0	Production version Published
June 24 <sup>th</sup> , 2008	Version 1.1	Update to production version 1.0
July 10 <sup>th</sup> , 2008	Version 1.2	Update to production version 1.1
August 18 <sup>th</sup> , 2008	Version 1.3	Update to production version 1.2
March 3 <sup>rd</sup> , 2009	Version 1.4	Update to production version 1.3
May 7 <sup>th</sup> , 2009	Version 1.4.1	Update to production version 1.4
April 22, 2010	Version 1.4.2	Update to production version 1.4.1

## Change History Detail

The following is an outline of the changes introduced in each version. It is intended to assist in the implementation but may not contain all changes implemented. Please refer back to the complete guidelines for implementation

### Version 1.0

No changes to report.

### Version 1.1

Pack/Inner Pack section of the Guidelines has been changed to clearly reflect FGL terminology and its association with EDI terms. X12 Examples are also updated to reflect the new definition of Pack and Inner Pack and their representation in the PO4 segment. Banner Participation details have been removed and are now present in the Electronic Trading Operations Manual.

X12 Examples at the end of the Guidelines are changed to reflect the new definition of Pack and Inner Pack and their representation in the PO4 segment.

Data Types for X12 transactions have been added to the guidelines.

Segment	Position in Guideline	Data Element	Change	Qualifiers
BSN	0200	BSN05	Usage changed from Optional to Must Use	
FOB	2100	FOB06 / FOB07	Removed	
PER	2700		Added to Guidelines	
MAN	1900		Pack Level – MAN segments are consolidated	
LIN	0200		Notes Section	
LIN	0200	LIN04/LI N05	Notes Section	
SLN	0400		Add Mandatory usage for Pre-pack orders	
SLN	0400	SLN04	Notes section	

## Version 1.2

“Shipments via Small Package Service Carrier” section has been modified to reflect a change in the small package service carrier tracking number identification.

Data Types for X12 transactions have been modified or added to the guidelines.

Segment	Position in Guideline	Data Element	Change	Qualifiers
MAN	1900	MAN01	Pack Level – Qualifier ‘CP’ has been removed	CP
MAN	1900	MAN04/MAN05	Elements have been added and used to reflect a small package service carrier tracking number	

## Version 1.3

Communications Section moved to the FGL Operations Guide

## Version 1.4

Changes made to ensure that mandatory and optional segments are correctly identified and to clarify bulk vs. pack order usage in the LIN segment. Front matter and examples move to a separate document.

Segment	Position in Guideline	Data Element	Change	Qualifiers
TD3	1300	TD301	Changed element from CONDITIONAL to MUST USE.	
REF	1500	REF02	Changed element from CONDITIONAL to MUST USE.	BM
REF	1502	REF01	Added qualifier 08. Suppliers will provide either 08 (for small package carriers) or CN (for full load and LTL carriers) not both.	08
REF	1504	REF02	Changed element from CONDITIONAL to MUST USE.	AO
DTM	2000	DTM02	Separated original DTM segment into two segments. First segment is MUST USE and can contain either 011 or 068. Changed element from CONDITIONAL to MUST USE.	011, 068
DTM	2002	DTM02	Added new OPTIONAL DTM segment with qualifier 017 (Estimated Delivery). Changed element from CONDITIONAL to MUST USE.	017
FOB	2100	FOB02	Added qualifier DE (Shipping).	DE
N1	2200	N102	Updated usage notes to indicate that the value of N102 should match the corresponding N102 element on the 850.	BY
N1	2202	N104	Updated usage notes to indicate that the value of N104 <b>must</b> match the corresponding N104 element on the 850.	BT
N1	2204	N103/ 04	Changed from CONDITIONAL to MUST USE. Updated usage notes to indicate that the value of N104 <b>must</b> match the corresponding N104 element on the 850.	ST
PER	2700	PER02 to PER08	Changed segment from MUST USE to OPTIONAL. Changed elements PER02 to PER08 from MUST USE to EDI default.	
PER	2700	PER07	Added EM qualifier for Electronic Mail.	EM
REF	1506	REF02	Changed from CONDITIONAL to MUST USE.	IA
MAN	1900	MAN02	Changed attributes from AN 1/48 to AN 1/20.	GM
PAL	2150	PAL04 / 05 / 06	Changed elements from RECOMMENDED to MUST USE.	
MAN	1902	MAN02	Changed attributes from AN 1/48 to AN 1/20.	GM
LIN	0200	LIN01	Changed element from OPTIONAL to MUST USE.	

			Updated usage notes.	
LIN	0200	LIN02/ 03	Added qualifier 'IN' for pack items.	EN / UP / IN
LIN	0200	LIN04/ 05	Added qualifier 'PG' for pack items.	SK / PG
LIN	0200	LIN10/ 11	Removed 'PG'. Updated usage notes for 'LT'.	LT
LIN	0200	LIN12/ 13	Removed elements.	
SN1	0300	SN101	Changed element from OPTIONAL to MUST USE. Updated usage notes.	
SLN	0400		Changed note from MANDATORY for pre-packs to RECOMMENDED. Updated usage notes.	
SLN	0400	SLN01/ 02	Updated usage notes.	
PO4	0602	PO401/ 14	Updated usage notes.	
DTM	2004	DTM02	Changed element from CONDITIONAL to MUST USE. Updated usage notes	511

### Version 1.4.1

Changes to correct oversights made during update to Version 1.4.

The most significant change is to the FOB segment to align with the 850 PO.

Segment	Position in Guideline	Data Element	Change	Qualifiers
FOB	2100		Modified FOB to match FOB on 850.	
PER	2700	PER07	Added missing EM qualifier.	EM
SLN	0400	SLN10	Changed from Optional to Must Use in v1.4 of Guideline but was omitted from the Change Log.	EN/UP
TD1	1100		Updated Syntax Notes.	
HL	0102		Modified looping diagram to indicate that a single HL loop at the order level is allowed. The loop repeat has been changed from 200000 to 1.	

### Version 1.4.2

Minor changes to Notes text to match terminology with new EDI Operations Manual.

Segment	Position in Guideline	Data Element	Change	Qualifiers
TD1	0100		Note added to confirm pallet count is optional	
REF	1506		Added explanation of Vendor ID number.	
LIN04	235		Note includes explanation of PG number as Case Pack ID.	
PO04	0602		Note explains Item Physical Details Segment, fixes sentence fragment	

# 856 Ship Notice/Manifest

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.

## Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	0100	ST	Transaction Set Header	M	1		
M	0200	BSN	Beginning Segment for Ship Notice	M	1		

## Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						1	
M	0100	HL	Hierarchical Level - Shipment level	M	1		c1
	1100	TD1	Carrier Details (Quantity and Weight) - Pallets	O	1		
M	1102	TD1	Carrier Details (Quantity and Weight) - Cartons	M	1		
	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1		
						1	
	1300	TD3	Carrier Details (Equipment)	O	1		
	1500	REF	Reference Information	O	1		
	1502	REF	Reference Information	O	1		
	1504	REF	Reference Information	O	1		
Must Use	2000	DTM	Date/Time Reference	O	1		
	2002	DTM	Date/Time Reference	O	1		
Must Use	2100	FOB	F.O.B. Related Instructions	O	1		
						4	
M	2200	N1	Party Identification - Buying Party (Legal Entity)	M	1		
M	2202	N1	Party Identification - Bill-To Information	M	1		
M	2204	N1	Party Identification - Ship-to Information	M	1		
M	2400	N3	Party Location - Ship-to Information	M	2		
M	2500	N4	Geographic Location - Ship-to Information	M	1		

M	2206	N1	Party Identification - Ship-From Information	M	1	
M	2402	N3	Party Location - Ship-From Information	M	2	
M	2502	N4	Geographic Location - Ship-From Information	M	1	
Must Use	2700	PER	Administrative Communications Contact (Ship From)	O	1	
LOOP ID - HL					1	
M	0102	HL	Hierarchical Level - Order Level	M	1	c1
Must Use	0500	PRF	Purchase Order Reference	O	1	
Must Use	1506	REF	Reference Information	O	1	
LOOP ID - HL					200000	
	0104	HL	Hierarchical Level - Tare Level (PALLET LEVEL)	O	1	c1
D	1900	MAN	Marks and Numbers Information	O	1	
Rec	2150	PAL	Pallet Type and Load Characteristics	O	1	
LOOP ID - HL					200000	
M	0106	HL	Hierarchical Level - Pack Level	M	1	c1
Must Use	1902	MAN	Marks and Numbers Information	O	1	
LOOP ID - N1					200	
	2208	N1	Party Identification - Mark For Information	O	1	
LOOP ID - HL					200000	
M	0108	HL	Hierarchical Level - Item Level	M	1	c1
Must Use	0200	LIN	Item Identification	O	1	
Must Use	0300	SN1	Item Detail (Shipment)	O	1	
	0400	SLN	Subline Item Detail	O	1000	
	0600	PO4	Item Physical Details	O	1	
	1400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1	
	2004	DTM	Date/Time Reference - Perishable Merchandise	O	1	

**Summary:**

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	0100	CTT	Transaction Totals	O	1		n1
M	0200	SE	Transaction Set Trailer	M	1		

**Transaction Set Notes**

1. Number of line items (CTT01) is the accumulation of the number of HL segments.

**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).  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set	M 1 ID 3/3
			856 Ship Notice/Manifest	
M	ST02	329	<b>Transaction Set Control Number</b> 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

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

- 1 BSN03 is the date the shipment transaction set is created.
- 2 BSN04 is the time the shipment transaction set is created.

**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BSN01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original	M 1 ID 2/2
M	BSN02	396	<b>Shipment Identification</b> A unique control number assigned by the original shipper to identify a specific shipment	M 1 AN 12/20
M	BSN03	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Date of 856 creation	M 1 DT 8/8
M	BSN04	337	<b>Time</b> 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) Time of 856 creation	M 1 TM 4/8
Must Use	BSN05	1005	<b>Hierarchical Structure Code</b> Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set 0001 Shipment, Order, Packaging, Item 0001 - Pick Pack Structure	O 1 ID 4/4

**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.

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	HL01	<b>Hierarchical ID Number</b> A unique number assigned by the sender to identify a particular data segment in a hierarchical structure The value for this level [shipment] is 1	M 1 AN 1/12
	HL02	<b>Hierarchical Parent ID Number</b> Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O 1 AN 1/12
M	HL03	<b>Hierarchical Level Code</b> Code defining the characteristic of a level in a hierarchical structure S Shipment	M 1 ID 1/2

**Segment:** **TD1** Carrier Details (Quantity and Weight) - Pallets  
**Position:** 1100  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**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 TD106 is present, then TD107 is required.
- 3 If either TD107 or TD108 is present, then the other is required.
- 4 If either TD109 or TD110 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:**

This segment, at the shipment level, is used to denote the total pallets, gross weight and volume on the shipment as specified on the bill of lading. FGL does not require pallet count on the ASN. If you choose to send it, you must include TD101 and TD102.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TD101	103	<b>Packaging Code</b> 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 PLT Pallet	O 1 AN 3/5
Must Use	TD102	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity The number of pallets in the shipment as described in TD101	X 1 N0 1/7
	TD106	187	<b>Weight Qualifier</b> Code defining the type of weight G Gross Weight	O 1 ID 1/2
	TD107	81	<b>Weight</b> Numeric value of weight	X 1 R 1/10
	TD108	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken KG Kilogram LB Pound	X 1 ID 2/2
	TD109	183	<b>Volume</b> Value of volumetric measure	X 1 R 1/8
	TD110	355	<b>Unit or Basis for Measurement Code</b> 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	X 1 ID 2/2

**Segment:** **TD1** Carrier Details (Quantity and Weight) - Cartons  
**Position:** 1102  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the transportation details relative to commodity, weight, and quantity  
**Syntax Notes:** 1 If TD101 is present, then TD102 is required.  
**Semantic Notes:**  
**Comments:**

**Notes:** This segment, at the shipment level, is used to denote the total number of cartons on the shipment as specified on the bill of lading.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TD101	103	<b>Packaging Code</b> 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 CTN Carton	O 1 AN 3/5
Must Use	TD102	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity The number of packages in the shipment as described in TD101	X 1 N0 1/7

**Segment: TD5 Carrier Details (Routing Sequence/Transit Time)**

**Position:** 1200  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**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.

**Semantic Notes:**

**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:** If this segment is sent either carrier SCAC or carrier name is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
TD501	133	<b>Routing Sequence Code</b> Code describing the relationship of a carrier to a specific shipment movement B Origin/Delivery Carrier (Any Mode)	O 1 ID 1/2
TD502	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 2 Standard Carrier Alpha Code (SCAC)	X 1 ID 1/2
TD503	67	<b>Identification Code</b> Code identifying a party or other code Four (4) character carrier SCAC code	X 1 AN 2/80
TD504	91	<b>Transportation Method/Type Code</b> Code specifying the method or type of transportation for the shipment A Air M Motor (Common Carrier) O Containerized Ocean R Rail U Private Parcel Service	X 1 ID 1/2
TD505	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity Shipping carrier name	X 1 AN 1/35

**Segment:** **TD3** **Carrier Details (Equipment)**  
**Position:** 1300  
**Loop:** TD3 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify transportation details relating to the equipment used by the carrier  
**Syntax Notes:** 1 If TD302 is present, then TD303 is required.  
**Semantic Notes:**

**Comments:**

**Notes:**

This segment is used to log the equipment numbers for shipments sent via trailer, rail or ocean containers.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TD301	40	<b>Equipment Description Code</b> Code identifying type of equipment used for shipment CN Container RR Rail Car TL Trailer (not otherwise specified)	X 1 ID 2/2
	TD302	206	<b>Equipment Initial</b> Prefix or alphabetic part of an equipment unit's identifying number	O 1 AN 1/4
	TD303	207	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	X 1 AN 1/15

**Segment:** **REF** Reference Information  
**Position:** 1500  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Notes:** This segment, at the shipment level, is required for shipments moved by LTL and full load carriers.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M 1 ID 2/3
			BM Bill of Lading Number	
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50

**Segment:** **REF** Reference Information  
**Position:** 1502  
**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.  
**Semantic Notes:**  
**Comments:**  
**Usage Notes:**

**Notes:** FGL expects only one of these identifiers to be provided (either CN or 08) not both.

Qualifier 'CN' is to be used for full load or LTL carriers.

Qualifier '08' is to be used for small carriers and parcel carriers such as UPS, FedEx, etc. If the shipment via a small carrier consists of several cartons the supplier can provide one of the carton-level tracking numbers.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification CN Carrier's Reference Number (PRO/Invoice) To be used by the vendor for shipments moved by LTL and full load carriers.	M 1 ID 2/3
			08 Carrier Assigned Package Identification To be used by the vendor for small parcel carriers.	
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50

**Segment:** **REF** Reference Information  
**Position:** 1504  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** Reserved for future use.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification AO Appointment Number	M 1 ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Forzani assigned Appointment Number	X 1 AN 1/50

**Segment:** **DTM** Date/Time Reference  
**Position:** 2000  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Usage Notes:** MUST USE - FGL Requirement.  
**Notes:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 011 Shipped 068 Current Schedule Ship	M 1 ID 3/3
Must Use	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8

**Segment:** **DTM** Date/Time Reference  
**Position:** 2002  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Usage Notes:**  
**Notes:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 017 Estimated Delivery	M 1 ID 3/3
Must Use	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8

**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.  
**Semantic Notes:** 1 FOB01 indicates which party will pay the carrier.  
 2 FOB02 is the code specifying transportation responsibility location.  
**Comments:**  
**Usage Notes:** MUST USE - FGL Requirement.  
**Notes:** Forzani will always send the FOB segment on the 850 with FOB01 populated with 'DE'.

In the event a buyer is requesting a specific vendor ship-from point, Forzani will also populate FOB02 and FOB03. If the vendor cannot satisfy the request to ship from the point specified in FOB03 they must contact the buyer immediately.

The values sent on the 856 should match those provided by FGL on the PO.

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	FOB01 146	Shipment Method of Payment Code identifying payment terms for transportation charges DE Per Contract Destination with exceptions as agreed between buyer and seller See Vendor Policy Agreement for details	M 1 ID 2/2
	FOB02 309	Location Qualifier Code identifying type of location OR Origin (Shipping Point)	X 1 ID 1/2
	FOB03 352	Description A free-form description to clarify the related data elements and their content	O 1 AN 1/80

**Segment:** N1 Party Identification - Buying Party (Legal Entity)  
**Position:** 2200  
**Loop:** N1 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** This N1 loop provides the name of the purchasing party for the entire shipment.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	M 1 ID 2/3
Must Use	N102	93	Name Free-form name FGL prefers to receive the value supplied on the 850 N102 element with qualifier 'BY'.	X 1 AN 1/60

**Segment:** **N1 Party Identification - Bill-To Information**  
**Position:** 2202  
**Loop:** N1 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**  
**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.

**Notes:** This N1 Loop provides the bill-to location for the entire shipment.  
 Bill-to (store banner ID) code and ship-to code are used by FGL systems to process the document.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual BT Bill-to-Party	M 1 ID 2/3
	N102	93	<b>Name</b> Free-form name	X 1 AN 1/60
Must Use	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	X 1 ID 1/2
Must Use	N104	67	<b>Identification Code</b> Code identifying a party or other code Forzani store banner ID. This value MUST be identical to the value in the 850 N104 element in the N1 segment with the qualifier 'BT'.	X 1 AN 2/8

**Segment:** **N1 Party Identification - Ship-to Information**  
**Position:** 2204  
**Loop:** N1 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**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.  
**Notes:** This N1 Loop provides the ship-to location for the entire shipment.

Bill-to (store banner ID) code and ship-to code are used by FGL systems to process the document.

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To	M 1 ID 2/3
	N102	93 Name Free-form name	X 1 AN 1/60
Must Use	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	X 1 ID 1/2
Must Use	N104	67 Identification Code Code identifying a party or other code 3 or 4 digit Forzani warehouse (DC) or store ID as sent on the 850 PO. This value MUST be identical to the 850 N104 element in the N1 segment with the qualifier 'ST'.	X 1 AN 3/4

**Segment:** N3 Party Location - Ship-to Information  
**Position:** 2400  
**Loop:** N1 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	<b>Address Information</b> Address information	M 1 AN 1/55
	N302	166	<b>Address Information</b> Address information	O 1 AN 1/55

**Segment:** N4 Geographic Location - Ship-to Information  
**Position:** 2500  
**Loop:** N1 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N401	19	<b>City Name</b> Free-form text for city name	O 1 AN 2/30
Must Use	N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	X 1 ID 2/2
Must Use	N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O 1 ID 3/15
Must Use	N404	26	<b>Country Code</b> Code identifying the country	X 1 ID 2/3

**Segment:** **N1 Party Identification - Ship-From Information**  
**Position:** 2206  
**Loop:** N1 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 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.  
**Notes:** This N1 loop provides the ship-from location for the entire shipment. It references the point of origin of the shipment.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual SF Ship From	M 1 ID 2/3
Must Use	N102	93	<b>Name</b> Free-form name	X 1 AN 1/60
	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 91 Assigned by Seller or Seller's Agent	X 1 ID 1/2
	N104	67	<b>Identification Code</b> Code identifying a party or other code	X 1 AN 2/80

**Segment:** N3 Party Location - Ship-From Information  
**Position:** 2402  
**Loop:** N1 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	<b>Address Information</b> Address information	M 1 AN 1/55
	N302	166	<b>Address Information</b> Address information	O 1 AN 1/55

**Segment:** N4 Geographic Location - Ship-From Information  
**Position:** 2502  
**Loop:** N1 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N401	19	<b>City Name</b> Free-form text for city name	O 1 AN 2/30
Must Use	N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	X 1 ID 2/2
Must Use	N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O 1 ID 3/15
Must Use	N404	26	<b>Country Code</b> Code identifying the country	X 1 ID 2/3

**Segment:** **PER** Administrative Communications Contact (Ship From)  
**Position:** 2700  
**Loop:** N1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Usage Notes:**

**Notes:**

The FGL ATS teams in our warehouses require current shipper contact details from our vendors. This information will be used to contact your shipping department for issue resolution.

Note: the e-mail address provided will be used for correspondence as well as sending an 'ATS authorization number' to the vendor.

**Data Element Summary**

M	Ref.	Data	Attributes	
	Des.	Element	Name	
	PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named DI Delivery Instructions Contact	M 1 ID 2/2
	PER02	93	<b>Name</b> Free-form name	O 1 AN 1/60
	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number TE Telephone	X 1 ID 2/2
	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X 1 AN 1/256
	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number FX Facsimile	X 1 ID 2/2
	PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X 1 AN 1/256
	PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EA Internet Email Address Internet based electronic mail address with a structure of "ADDRESSEE @ DOMAIN NAME . DOMAIN NAME EXTENSION" EM Electronic Mail	X 1 ID 2/2
	PER08	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X 1 AN 1/256

**Segment:** **HL** Hierarchical Level - Order Level  
**Position:** 0102  
**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.

**Notes:** Forzani Group Ltd. allows only one purchase order per shipment.

**Data Element Summary**

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

**Segment:** **PRF** Purchase Order Reference  
**Position:** 0500  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To provide reference to a specific purchase order  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Usage Notes:** MUST USE - FGL Requirement.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PRF01	324	Purchase Order Number Identifying number for Purchase Order assigned by the buyer/purchaser Forzani Group Ltd purchase order number	M 1 AN 1/22

**Segment:** **REF** Reference Information  
**Position:** 1506  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Usage Notes:** MUST USE - FGL Requirement. This is your FGL vendor number.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification IA Internal Vendor Number	M 1 ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Identification number assigned to the vendor by the retailer	X 1 AN 1/7

**Segment:** **HL** Hierarchical Level - Tare Level (PALLET LEVEL)  
**Position:** 0104  
**Loop:** HL Optional  
**Level:** Detail  
**Usage:** Optional  
**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.

**Data Element Summary**

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

**Segment:** **MAN** Marks and Numbers Information  
**Position:** 1900  
**Loop:** HL Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate identifying marks and numbers for shipping containers  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** Pallet labels are optional. If this segment is provided then the pallet must be labeled with an SSCC-18 identifier and that identifier must be provided in MAN02.

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
M	MAN01	88	<b>Marks and Numbers Qualifier</b> Code specifying the application or source of Marks and Numbers (87) GM EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier	<b>M 1 ID 1/2</b>
M	MAN02	87	<b>Marks and Numbers</b> Marks and numbers used to identify a shipment or parts of a shipment Contains the SSCC-18 pallet label code	<b>M 1 AN 1/20</b>

**Segment:** **PAL** Pallet Type and Load Characteristics

**Position:** 2150  
**Loop:** HL Optional  
**Level:** Detail  
**Usage:** Optional (Recommended)  
**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.

- 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.

**Comments:**  
**Notes:** Detailed information on pallets is optional, but recommended. You may use your own pallet identifier, but it must be provided in MAN02.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PAL04	356	<b>Pack</b> The number of inner containers, or number of eaches if there are no inner containers, per outer container Designates how many cartons are on the pallet	O 1 N0 1/6
Must Use	PAL05	395	<b>Unit Weight</b> Numeric value of weight per unit	X 1 R 1/8
Must Use	PAL06	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken KG Kilogram LB Pound	X 1 ID 2/2
R	PAL07	82	<b>Length</b> Largest horizontal dimension of an object measured when the object is in the upright position	X 1 R 1/8
R	PAL08	189	<b>Width</b> Shorter measurement of the two horizontal dimensions measured with the object in the upright position	X 1 R 1/8
R	PAL09	65	<b>Height</b> Vertical dimension of an object measured when the object is in the upright position	X 1 R 1/8
	PAL10	355	<b>Unit or Basis for Measurement Code</b> 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	X 1 ID 2/2

**Segment:** **HL** Hierarchical Level - Pack Level  
**Position:** 0106  
**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.

**Data Element Summary**

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

**Segment:** **MAN** Marks and Numbers Information  
**Position:** 1902  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To indicate identifying marks and numbers for shipping containers  
**Syntax Notes:** 1 If either MAN04 or MAN05 is present, then the other is required.  
**Semantic Notes:** 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.

**Comments:**

**Usage Notes:** MUST USE - FGL Requirement

**Notes:** This occurrence of the MAN segment is used for the identification of each UCC-128 carton ID or optionally for identification of a carrier's tracking number when sending goods via a small package service carrier.

Qualifier 'CP' in MAN04/05 is used for DC and direct-to-single-store deliveries where a parcel carrier (e.g. UPS) is used. In that case this number will be the carrier assigned tracking number for that carton.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	MAN01	88	<b>Marks and Numbers Qualifier</b> Code specifying the application or source of Marks and Numbers (87) GM EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier	M 1 ID 1/2
M	MAN02	87	<b>Marks and Numbers</b> Marks and numbers used to identify a shipment or parts of a shipment Contains the UCC-128 carton label code	M 1 AN 1/20
	MAN04	88	<b>Marks and Numbers Qualifier</b> Code specifying the application or source of Marks and Numbers (87) CP Carrier-Assigned Package ID Number	X 1 ID 1/2
	MAN05	87	<b>Marks and Numbers</b> Marks and numbers used to identify a shipment or parts of a shipment Contains the carrier's tracking number	X 1 AN 1/48

**Segment:** **N1 Party Identification - Mark For Information**  
**Position:** 2208  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**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.

**Notes:** This N1 loop provides the ship-to location information for cross dock orders.  
 This segment is REQUIRED for cross dock orders.  
 This segment must not be supplied for other types of orders.

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual Z7 Mark-for Party The party for whom the needed material is intended	M 1 ID 2/3
	N102	93 Name Free-form name	X 1 AN 1/60
Must Use	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	X 1 ID 1/2
Must Use	N104	67 Identification Code Code identifying a party or other code Contains the Forzani store identifier from the SDQ segment on the corresponding 850.	X 1 AN 2/80

**Segment:** **HL** Hierarchical Level - Item Level  
**Position:** 0108  
**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.

**Data Element Summary**

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

**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.

**Semantic Notes:**

- 1 LIN01 is the line item identification

**Comments:**  
**Usage Notes:** MUST USE - FGL Requirement  
**Notes:** The elements required by FGL vary depending on whether the line refers to a bulk item or a pre-pack. The following table outlines the usage of elements based on whether the segment refers to a pre-pack or bulk item.

Elements used for Bulk items will appear in the following order:

- LIN01 – Assigned Identification (MANDATORY)
- LIN02/03 – UP/EN – UCC-12 or EAN/UCC-13 (MANDATORY)
- LIN04/05 – SK – Forzani Stock Keeping Unit (SKU)
- LIN06/07 – IT – Buyers Style Number
- LIN08/09 – VA – Vendor's Style Number
- LIN10/11 – LT – Lot Number

Elements used for pre-pack items will appear in the following order:

- LIN01 – Assigned Identification (MANDATORY)
- LIN02/03 – IN – Buyer's Item Number (FGL style pre-pack number) (MANDATORY)
- LIN04/05 – PG – Packaging Specification Number (Pack ID)
- LIN06/07 – IT – Buyers Style Number
- LIN08/09 – VA – Vendor's Style Number
- LIN10/11 – LT – Lot Number

Note: UP and EN are mutually exclusive. i.e. only one will appear.

#### Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	LIN01	350 Assigned Identification	O 1 AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
		This element is MANDATORY. FGL prefers to receive the original purchase order line number sent on the 850 in the PO101 element. If the vendor is unable to supply the value from the 850 PO101 element then this element must be a unique number for each LIN segment within the document.	

M	LIN02	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234). For bulk items this is one of EN or UP; for packs this is IN. EN EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN) UP UCC - 12 Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.) IN Buyer's Item Number The FGL style pre-pack number from the 850 PO117. This element is MANDATORY. When shipping bulk items the qualifier must be either 'UN' or 'UP'. When shipping pre-packs the qualifier must be 'IN'. In either case the value <i>must</i> match the value from the 850.	M	1	ID 2/2
M	LIN03	234	<b>Product/Service ID</b> Identifying number for a product or service	M	1	AN 1/48
	LIN04	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) SK Stock Keeping Unit (SKU) PG Packaging Specification Number Use qualifier 'SK' for bulk items; use qualifier 'PG' for packs. PG is what FGL refers to as Case Pack ID.	X	1	ID 2/2
	LIN05	234	<b>Product/Service ID</b> Identifying number for a product or service	X	1	AN 1/48
	LIN06	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) This qualifier is applicable to both bulk items and packs. IT Buyer's Style Number	X	1	ID 2/2
	LIN07	234	<b>Product/Service ID</b> Identifying number for a product or service	X	1	AN 1/48
	LIN08	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) VA Vendor's Style Number This qualifier is applicable to both bulk items and packs.	X	1	ID 2/2
	LIN09	234	<b>Product/Service ID</b> Identifying number for a product or service	X	1	AN 1/48

<b>LIN10</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>1 ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		LT Lot Number		
		Lot # and expiration date (DTM segment) are expected if the vendor is shipping perishable goods.		
<b>LIN11</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>1 AN 1/48</b>
		Identifying number for a product or service		

**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:**  
**Semantic Notes:** 1 SN101 is the ship notice line-item identification.  
**Comments:** 1 SN103 defines the unit of measurement for both SN102 and SN104.  
**Usage Notes:** MUST USE - FGL Requirement

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SN101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set This element is MANDATORY. This element <i>must</i> contain the same value as LIN01.	O 1 AN 1/20
M	SN102	382	<b>Number of Units Shipped</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	M 1 R 1/10
M	SN103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CA Case EA Each	M 1 ID 2/2

**Segment:** **SLN** Subline Item Detail  
**Position:** 0400  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**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.

**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.

**Comments:**

- 1 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.

**Notes:** This segment is RECOMMENDED for all pre-pack orders to denote the subline items in the configuration.  
This segment is NOT APPLICABLE for bulk orders.  
Note: UP and EN are mutually exclusive; i.e. only one should be sent.

**Data Element Summary**

Ref.	Data Des.	Element	Name	Attributes
M	SLN01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set This element is MANDATORY. This element must contain the same value as LIN01.	M 1 AN 1/20
	SLN02	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set This element contains the subline line number FGL prefers to receive the value in the SLN02 element on the 850. If the vendor is unable to supply the value from the 850 SLN02 element then this element <i>must</i> be a unique number across the identifiers specified in SLN01.	O 1 AN 1/20
M	SLN03	662	<b>Relationship Code</b> Code indicating the relationship between entities I Included	M 1 ID 1/1

	<b>SLN04</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity This element will represent the component quantity of one style pre-pack, not the extended value of the quantities ordered.	<b>X</b>	<b>1</b>	<b>R 1/15</b>
	<b>SLN05</b>	<b>C001</b>	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	<b>X</b>	<b>1</b>	
<b>M</b>	<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CA Case EA Each	<b>M</b>		<b>ID 2/2</b>
	<b>SLN09</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) EN EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN) UP UCC - 12 Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)	<b>X</b>	<b>1</b>	<b>ID 2/2</b>
<b>Must Use</b>	<b>SLN10</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>1</b>	<b>AN 1/48</b>
	<b>SLN11</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) SK Stock Keeping Unit (SKU)	<b>X</b>	<b>1</b>	<b>ID 2/2</b>
	<b>SLN12</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>1</b>	<b>AN 1/48</b>

**Segment:** **PO4** Item Physical Details  
**Position:** 0602  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 PO4 defines the case pack.  
**Usage Notes:** This segment is to be provided when the item is a Pre-Pack to provide the number of items in the Pre-Pack unit.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>PO401</b>	<b>356</b>	<b>Pack</b>	<b>O 1 N0 1/6</b>
		The number of inner containers, or number of eaches if there are no inner containers, per outer container For FGL usage this will always contain the value 1.	
<b>PO414</b>	<b>810</b>	<b>Inner Pack</b>	<b>O 1 N0 1/6</b>
		The number of eaches per inner container This element is the sum of the units within the pre-pack. For a musical run of 1-2-2-1 the value in PO414 will be 6 (1+2+2+1).	

**Segment:** **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)

**Position:** 1400

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify transportation special handling requirements, or hazardous materials information, or both

**Syntax Notes:** 1 At least one of TD401 TD402 or TD404 is required.

2 If TD402 is present, then TD403 is required.

**Semantic Notes:**

**Comments:**

**Notes:** The supplier must use this segment to identify shipments of hazardous materials (e.g. propane) into Forzani warehouses or stores.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>TD401</b>	<b>152</b>	<b>Special Handling Code</b>	<b>X 1 ID 2/3</b>
		Code specifying special transportation handling instructions	
		FG Flammable Gas	
<b>TD402</b>	<b>208</b>	<b>Hazardous Material Code Qualifier</b>	<b>X 1 ID 1/1</b>
		Code which qualifies the Hazardous Material Class Code (209)	
		U United Nations	
<b>TD403</b>	<b>209</b>	<b>Hazardous Material Class Code</b>	<b>X 1 AN 1/4</b>
		Code specifying the kind of hazard for a material	
		Example: Class 2.1	
<b>TD404</b>	<b>352</b>	<b>Description</b>	<b>X 1 AN 1/80</b>
		A free-form description to clarify the related data elements and their content	
		Example: LIQUEFIED PETROLEUM GAS - UN 1075	

**Segment:** **DTM** Date/Time Reference - Perishable Merchandise  
**Position:** 2004  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Notes:** Suppliers must use this segment to denote the expiration date of the product they are shipping to Forzani.

Suppliers sending perishable goods should use this segment along with LIN10/11 to indicate the lot number.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 511 Shelf Life Expiration	M 1 ID 3/3
Must Use	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Date the product is no longer consumable or usable	X 1 DT 8/8

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

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items Total number of line items in the transaction set The number of HL segments in the transaction set.	M 1 N0 1/6

**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**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	M 1 N0 1/10
M	SE02	329	<b>Transaction Set Control Number</b> 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