Eaton Corporation
Electronic Data Interchange (EDI) Standards
Dispatch Advice (DESADV)
Version 97A

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DESADV Despatch advice message

Message Status=2

A message specifying details for goods despatched or ready for despatch under agreed conditions. The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message. Throughout this document, the reference to 'Despatch Advice' may be interpreted as conveying the wider meaning of 'Delivery Despatch Advice/Returns Despatch Advice'.

Heading:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use
0020	BGM	BEGINNING OF MESSAGE	M	1	N1/0020	Must use
0030	DTM	DATE/TIME/PERIOD	C	10	N1/0030	Used
0050	MEA	MEASUREMENTS	C	5	N1/0050	Used
0070		**Segment Group 1**	**C**	**10**	**N1/0070**	**Used**
0080	RFF	REFERENCE	M	1	N1/0080	Must use
0100		**Segment Group 2**	**C**	**10**	**N1/0100**	**Used**
0110	NAD	NAME AND ADDRESS	M	1	N1/0110	Must use
0230		**Segment Group 6**	**C**	**10**	**N1/0230**	**Used**
0240	TDT	DETAILS OF TRANSPORT	M	1	N1/0240	Must use
0290		**Segment Group 8**	**C**	**10**	**N1/0290**	**Used**
0300	EQD	EQUIPMENT DETAILS	M	1	N1/0300	Must use

Detail:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
0370		**Segment Group 10**	**C**	**9999**	**N2/0370**	**Used**
0380	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	N2/0380	Must use
0400		**Segment Group 11**	**C**	**9999**	**N2/0400**	**Used**
0410	PAC	PACKAGE	M	1	N2/0410	Must use
0550		**Segment Group 15**	**C**	**9999**	**N2/0550**	**Used**
0560	LIN	LINE ITEM	M	1	N2/0560	Must use
0570	PIA	ADDITIONAL PRODUCT ID	C	10	N2/0570	Used
0600	QTY	QUANTITY	C	10	N2/0600	Used
1040	UNT	MESSAGE TRAILER	M	1	N2/1040	Must use

Clarification:

1/0010 A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV. Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009: Data element 0065 DESADV 0052 D 0054 97A 0051 UN

1/0020 A segment for unique identification of the Despatch Advice document, by means of its name and its number.

1/0030 Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.

1/0050 A segment specifying the weight and volume of the consignment.

1/0070 A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

1/0080 A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.

1/0100 A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

1/0110 A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment. It is recommended that where possible, only the coded form of the party ID should be specified, e.g. the buyer and seller are known to eachother, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably instructured format.

1/0230 A group of segments specifying details of the mode and means of transport and date/time of departure and destination relevant to the whole despatch advice.

1/0240 A segment specifying the carriage, and the mode and means of transport of the goods being despatched.

1/0290 A group of segments providing information relative to the equipment used for the transportation of goods relevant to the whole despatch advice.

1/0300 A segment to define fixed information regarding equipment used in conjunction with the whole despatch advice, and if required, to indicate responsibility for supply of the equipment.

2/0370 A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

2/0380 A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

2/0400 A group of segments identifying packaging, physical dimensions, marksand numbers, quantities, date and time information, handling information and information about packing at this level.

2/0410 A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.
2/0550 A group of segments providing details of the individual despatched items.
2/0560 A segment identifying the product being despatched. All other segments in the detail section following the LIN segment refer to that line item.
2/0570 A segment providing additional product identification.
2/0600 A segment to give quantity information concerning the product.
2/1040 A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

UNH MESSAGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

To head, identify and specify a message.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
UNH010	0062	**MESSAGE REFERENCE NUMBER** **Description:** Unique message reference assigned by the sender.	M	AN	1/14	Must use	1
UNH020	S009	**MESSAGE IDENTIFIER** **Description:** Identification of the type, version etc. of the message being interchanged.	M	Comp		Must use	1
	0065	**Message type identifier** **Description:** Code identifying a type of message and assigned by its controlling agency. **Code** **Name** DESADV Despatch advice message	M	AN	1/6	Must use	1
	0052	**Message type version number** **Description:** Version number of a message type. **Code** **Name** S Standard version	M	AN	1/3	Must use	1
	0054	**Message type release number** **Description:** Release number within the current message type version number (0052). **Code** **Name** 97A Release 1997 - A	M	AN	1/3	Must use	1
	0051	**Controlling agency** **Description:** Code identifying the agency controlling the specification, maintenance and publication of the message type. **Code** **Name** UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)	M	AN	1/2	Must use	1

BGM BEGINNING OF MESSAGE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

To indicate the type and function of a message and to transmit the identifying number.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
BGM020	C106	**DOCUMENT/MESSAGE IDENTIFICATION** **Description:** Identification of a document/message by its number and eventually its version or revision.	C	Comp		Used	1
	1004	**Document/message number** **Description:** Reference number assigned to the document/message by the issuer.	C	AN	1/35	Used	1
BGM030	1225	**MESSAGE FUNCTION, CODED** **Description:** Code indicating the function of the message. **Code** **Name** 3 Deletion 9 Original	C	AN	1/3	Used	1

DTM DATE/TIME/PERIOD

Pos: 0030	Max: 10
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Used

To specify date, and/or time, or period.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
DTM010	C507	**DATE/TIME/PERIOD** **Description:** Date and/or time, or period relevant to the specified date/time/period type.	M	Comp		Must use	1
	2005	**Date/time/period qualifier** **Description:** Code giving specific meaning to a date, time or period. **Code Name** 11 Despatch date and or time 132 Arrival date/time, estimated 137 Document/message date/time	M	AN	1/3	Must use	1
	2380	**Date/time/period** **Description:** The value of a date, a date and time, a time or of a period in a specified representation.	C	AN	1/35	Used	1
	2379	**Date/time/period format qualifier** **Description:** Specification of the representation of a date, a date and time or of a period. **Code Name** 203 CCYYMMDDHHMM	C	AN	1/3	Used	1

MEA MEASUREMENTS

Pos: 0050	Max: 5
Conditional	
Group: N/A	Elements: 3

User Option (Usage): Used

To specify physical measurements, including dimension tolerances, weights and counts.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
MEA010	6311	**MEASUREMENT PURPOSE QUALIFIER** **Description:** Specification of the purpose of the measurement. **Code Name** AAX Consignment measurement	M	AN	1/3	Must use	1
MEA020	C502	**MEASUREMENT DETAILS** **Description:** Identification of measurement type.	C	Comp		Used	1
	6313	**Property measured, coded** **Description:** Specification of the property measured. **Code Name** G Gross weight N Actual net weight	C	AN	1/3	Used	1
MEA030	C174	**VALUE/RANGE** **Description:** Measurement value and relevant minimum and maximum tolerances in that order.	C	Comp		Used	1
	6411	**Measure unit qualifier** **Description:** Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Eaton uses 'LBR'.	M	AN	1/3	Must use	1
	6314	**Measurement value** **Description:** Value of the measured unit.	C	AN	1/18	Used	1

RFF REFERENCE

Pos: 0080	Max: 1
Mandatory	
Group: 1	Elements: 1

User Option (Usage): Must use

To specify a reference.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
RFF010	C506	**REFERENCE** **Description:** Identification of a reference.	M	Comp		Must use	1
	1153	**Reference qualifier** **Description:** Code giving specific meaning to a reference segment or a reference number. **Code** **Name** BM Bill of lading number CN Carrier's reference number MB Master bill of lading number PK Packing list number AWB Air waybill number	M	AN	1/3	Must use	1
	1154	**Reference number** **Description:** Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C	AN	1/35	Used	1

NAD NAME AND ADDRESS

Pos: 0110	Max: 1
Mandatory	
Group: 2	Elements: 2

User Option (Usage): Must use

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
NAD010	3035	**PARTY QUALIFIER** **Description:** Code giving specific meaning to a party. **Code** **Name** MI Planning schedule/material release issuer SF Ship from ST Ship to SU Supplier	M	AN	1/3	Must use	1
NAD020	C082	**PARTY IDENTIFICATION DETAILS** **Description:** Identification of a transaction party by code.	C	Comp		Used	1
	3039	**Party id. identification** **Description:** Code identifying a party involved in a transaction. Eaton uses Duns (Dun & Bradstreet numbers)	M	AN	1/35	Must use	1
	1131	**Code list qualifier** **Description:** Identification of a code list. **Code** **Name** 16 Postcode directory	C	AN	1/3	Used	1

TDT DETAILS OF TRANSPORT

Pos: 0240 **Max: 1**
Mandatory
Group: 6 **Elements: 3**

User Option (Usage): Must use

To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport. The segment may be pointed to by the TPL segment.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
TDT010	8051	**TRANSPORT STAGE QUALIFIER** **Description:** Qualifier giving a specific meaning to the transport details. **Code Name** 12 At departure	M	AN	1/3	Must use	1
TDT040	C228	**TRANSPORT MEANS** **Description:** Code and/or name identifying the type of means of transport.	C	Comp		Used	1
	8179	**Type of means of transport identification** **Description:** Code defining the type of the means of transport being utilized. **Code Name** 6 Aircraft 13 Ocean vessel 23 Rail bulk car 31 Truck	C	AN	1/8	Used	1
TDT080	C222	**TRANSPORT IDENTIFICATION** **Description:** Code and/or name identifying the means of transport.	C	Comp		Used	1
	8213	**Id. of means of transport identification** **Description:** Identification of the means of transport by name or number.	C	AN	1/9	Used	1
	3055	**Code list responsible agency, coded** **Description:** Code identifying the agency responsible for a code list. **Code Name** 182 US, Standard Carrier Alpha Code (Motor)	C	AN	1/3	Used	1

EQD EQUIPMENT DETAILS

Pos: 0300	Max: 1
Mandatory	
Group: 8	Elements: 2

User Option (Usage): Must use

To identify a unit of equipment.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
EQD010	8053	**EQUIPMENT QUALIFIER** **Description:** Code identifying type of equipment. **Code** **Name** TE Trailer	M	AN	1/3	Must use	1
EQD020	C237	**EQUIPMENT IDENTIFICATION** **Description:** Marks (letters and/or numbers) identifying equipment used for transport such as a container.	C	Comp		Used	1
	8260	**Equipment identification number** **Description:** Marks (letters and/or numbers) which identify equipment e.g. unit load device.	C	AN	1/17	Used	1

CPS CONSIGNMENT PACKING SEQUENCE

Pos: 0380 **Max: 1**
Mandatory
Group: 10 **Elements: 1**

User Option (Usage): Must use

To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
CPS010	7164	**HIERARCHICAL ID. NUMBER** **Description:** A unique number assigned by the sender to identify a level within a hierarchical structure.	M	AN	1/12	Must use	1

PAC PACKAGE

Pos: 0410	Max: 1
Mandatory	
Group: 11	Elements: 1

User Option (Usage): Must use

To describe the number and type of packages/physical units.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
PAC010	7224	**NUMBER OF PACKAGES** **Description:** Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	C	N	1/8	Used	1

LIN LINE ITEM

Pos: 0560 **Max: 1**
Mandatory
Group: 15 **Elements: 2**

User Option (Usage): Must use

To identify a line item and configuration.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
LIN010	1082	**LINE ITEM NUMBER** **Description:** Serial number designating each separate item within a series of articles.	C	AN	1/6	Used	1
LIN030	C212	**ITEM NUMBER IDENTIFICATION** **Description:** Goods identification for a specified source.	C	Comp		Used	1
	7140	**Item number** **Description:** A number allocated to a group or item.	C	AN	1/35	Used	1
	7143	**Item number type, coded** **Description:** **Code** **Name** IN Buyer's item number	C	AN	1/3	Used	1

PIA ADDITIONAL PRODUCT ID

Pos: 0570	Max: 10
Conditional	
Group: 15	Elements: 5

User Option (Usage): Used

To specify additional or substitutional item identification codes.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
PIA010	4347	**PRODUCT ID. FUNCTION QUALIFIER** **Description:** Indication of the function of the product code. **Code Name** 1 Additional identification	M	AN	1/3	Must use	1
PIA020	C212	**ITEM NUMBER IDENTIFICATION** **Description:** Goods identification for a specified source.	M	Comp		Must use	1
	7140	**Item number** **Description:** A number allocated to a group or item.	C	AN	1/35	Used	1
	7143	**Item number type, coded** **Description:** **Code Name** ON Customer order number	C	AN	1/3	Used	1
PIA030	C212	**ITEM NUMBER IDENTIFICATION** **Description:** Goods identification for a specified source.	C	Comp		Used	1
	7140	**Item number** **Description:** A number allocated to a group or item.	C	AN	1/35	Used	1
	7143	**Item number type, coded** **Description:** **Code Name** EC Engineering change level	C	AN	1/3	Used	1
PIA040	C212	**ITEM NUMBER IDENTIFICATION** **Description:** Goods identification for a specified source.	C	Comp		Used	1
	7140	**Item number** **Description:** A number allocated to a group or item.	C	AN	1/35	Used	1
	7143	**Item number type, coded** **Description:** **Code Name** RC Returnable container number	C	AN	1/3	Used	1
PIA050	C212	**ITEM NUMBER IDENTIFICATION** **Description:** Goods identification for a specified source.	C	Comp		Used	1
	7140	**Item number** **Description:** A number allocated to a group or item.	C	AN	1/35	Used	1
	7143	**Item number type, coded** **Description:** **Code Name** RN Release number	C	AN	1/3	Used	1

QTY QUANTITY

Pos: 0600	Max: 10
Conditional	
Group: 15	Elements: 1

User Option (Usage): Used

To specify a pertinent quantity.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
QTY010	C186	**QUANTITY DETAILS** **Description:** Quantity information in a transaction, qualified when relevant.	M	Comp		Must use	1
	6063	**Quantity qualifier** **Description:** Code giving specific meaning to a quantity. **Code Name** 12 Despatch quantity	M	AN	1/3	Must use	1
	6060	**Quantity** **Description:** Numeric value of a quantity.	M	N	1/15	Must use	1
	6411	**Measure unit qualifier** **Description:** Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed Eaton uses "KG" (kilogram) & "PC" (piece).	C	AN	1/3	Used	1

UNT MESSAGE TRAILER

Pos: 1040 **Max: 1**
Mandatory
Group: N/A **Elements: 2**

User Option (Usage): Must use

To end and check the completeness of a message.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage	Rep
UNT010	0074	**NUMBER OF SEGMENTS IN A MESSAGE** **Description:** Control count of number of segments in a message.	M	N	1/6	Must use	1
UNT020	0062	**MESSAGE REFERENCE NUMBER** **Description:** Unique message reference assigned by the sender.	M	AN	1/14	Must use	1