



User Manual
(Implementation Guide)

UN/EDIFACT MESSAGE

DRAFT
VESDEP

(Vessel Arrival/Departure Report)

Version 2.0

D00B

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0. INTRODUCTION

This User Manual has been developed by the SMDG User Group for Shipping Lines and Container Terminals, a “Global User Group“ under the auspices of UN/CEFACT.

This User Manual is based upon the UN/EDIFACT D.00B directory and the ITIGG document “Principles and Rules for the implementation of transport EDI messages – Transport Equipment Movements – Maritime-related container messages”, version 1.3.1, dated September 1996.

This User Manual provides guidance as to the recommended usage of codes, qualifiers, data elements, composites, segments and groups of segments in the D.00B VESDEP message. The intention is to assist developers to ensure consistent use of the VESDEP message throughout the worldwide trade and transport community.

1. GENERAL

Formal Definition

“A message from a stevedore to a liner agent or from a liner agent to a local authority (e.g. port authority) to inform the latter party of the departure of a vessel and giving information on the actual container or cargo operations.

This message is part of a total set of container-related messages. These messages serve to facilitate the intermodal handling of containers by streamlining the information exchange. The business scenario for the container messages is clarified in a separate document, called: 'Guide to the scenario of EDIFACT container messages'.

The VESDEP message is used to transmit a confirmation that a vessel has departed from a terminal, and can be used to confirm departure to a carrier, another terminal, or another interested party (such as a tracking service).

By agreement of the International Transport Implementation Guidelines Group (ITIGG) and the SMDG, the message can also be used to report arrival of a vessel if required. This agreement reflects the fact that an equivalent UN/EDIFACT message has not been developed to cover arrival reports, and a desire to achieve simplicity in implementation.

The information required to report arrival and departure is identical, with the different functions being indicated by a different code in DE 1001 of the BGM segment.

In this guideline the cargo reporting functions of the message are not used.



2. STATUS INDICATORS AND USAGE INDICATORS

Status Indicators

Status Indicators (“M” and “C”) form part of the UN/EDIFACT standard and indicate a minimum requirement to fulfil the needs of the message structure. They are not adequate for implementation purposes. The Status Indicators are :

<i>Value</i>	<i>Description</i>
M	Mandatory The entity marked as such must appear in all messages, and apply to these messages as well as to any associated implementation guidelines (and consequently is also a Usage Indicator).
C	Conditional The entity is used by agreement between trading partners.

Usage Indicators

Usage Indicators are implementation–related indicators that further detail the use of “Conditional” Status Indicators. Usage Indicators are applied at all levels of the guidelines and shown adjacent to data items such as segment groups, segments, composite data elements and simple data elements. They dictate the agreed usage of the data items or entities. The Usage Indicators are :

<i>Value</i>	<i>Description</i>
M	Mandatory Indicates the item is mandatory in the UN/EDIFACT message.
R	Required Indicates the item must be transmitted in this implementation.
D	Dependent Indicates that the use of the item is depending on a well-defined condition or set of conditions. These conditions must be clearly specified in the relevant implementation guideline.
O	Optional Indicates that this item is at the need or discretion of both trading partners.
X	Not Used Indicates that this item is not to be used in this implementation.

Where an item within a segment group, segment or composite data element is marked with Usage Indicators “M” or “R”, but the segment group, segment or composite data element has been marked “O” or “D” (or for that matter “X”), the item is only to be transmitted when the segment group, segment or composite of which it is a part, is used.



3. DOCUMENT MAINTENANCE

The data content of this document has been prepared and approved by SMDG and no alteration may be made to the content of this document without reference to and approval of SMDG.

Any remarks, questions, amendments or requested alterations to this document are to be addressed to :

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VESDEP Vessel Departure Message

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>
9	0010	UNH	Message Header	M	1	
10	0020	BGM	Beginning of Message	M	1	
11	0030	DTM	Date/Time/Period	C	9	
	0080		Segment Group 2	M		9
12	0090	NAD	Name and Address	M	1	
	0130		Segment Group 4	M		1
13	0140	TDT	Details of Transport	M	1	
14	0160	RFF	Reference	C	9	
	0170		Segment Group 5	C		9
15	0180	LOC	Place/Location Identification	M	1	
16	0190	DTM	Date/Time/Period	C	9	
17	0240	UNT	Message Trailer	M	1	

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Segment: UNH Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0062		MESSAGE REFERENCE NUMBER <i>Unique message reference assigned by the sender. This reference must also be transmitted in the UNT segment.</i>	M 1 an..14
M	S009		MESSAGE IDENTIFIER	M 1
M		0065	Message type identifier <i>VESDEP Vessel departure message</i>	M an..6
M		0052	Message type version number <i>D Draft version/UN/EDIFACT Directory</i>	M an..3
M		0054	Message type release number <i>00B Release 2000 - B</i>	M an..3
M		0051	Controlling agency <i>UN UN/CEFACT</i>	M an..2
R		0057	Association assigned code <i>SMDG20 SMDG Version 2.0</i>	C an..6
O	0068		COMMON ACCESS REFERENCE <i>Additional message reference (if required)</i>	C 1 an..35
X	S010		STATUS OF THE TRANSFER	C 1
X		0070	Sequence message transfer number	M n..2
X		0073	First/last sequence message transfer indication	C a1



Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
R	C002		DOCUMENT/MESSAGE NAME	C 1
R		1001	Document name code	C an..3
			98 <i>Arrival information</i>	
			124 <i>Transport departure report</i>	
X		1131	Code list identification code	C an..17
X		3055	Code list responsible agency code	C an..3
X		1000	Document name	C an..35
R	C106		DOCUMENT/MESSAGE IDENTIFICATION	C 1
R		1004	Document identifier	C an..35
			<i>Sender's unique reference number</i>	
X		1056	Version identifier	C an..9
X		1060	Revision identifier	C an..6
R	1225		MESSAGE FUNCTION CODE	C 1 an..3
			1 <i>Cancellation</i>	
			5 <i>Replace</i>	
			9 <i>Original</i>	
O	4343		RESPONSE TYPE CODE	C 1 an..3
			AB <i>Message acknowledgement</i>	



Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 9

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD	M 1
M		2005	Date or time or period function code qualifier <i>137 Document/message date/time</i>	M an..3
R		2380	Date or time or period value <i>Date/time that the message was prepared</i>	C an..35
R		2379	Date or time or period format code <i>203 CCYYMMDDHHMM</i>	C an..3

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Segment: **NAD** Name and Address
Position: 0090 (Trigger Segment)
Group: Segment Group 2 (Name and Address) Mandatory
Level: 1
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3035		PARTY FUNCTION CODE QUALIFIER <i>MR Message recipient</i> <i>MS Document/message issuer/sender</i>	M 1 an..3
R	C082		PARTY IDENTIFICATION DETAILS	C 1
M		3039	Party identifier <i>Sender ID (coded). It is recommended that a terminal code endorsed by the SMDG be used.</i>	M an..35
X		1131	Code list identification code <i>ZZZ Mutually defined</i>	C an..17
X		3055	Code list responsible agency code	C an..3
X	C058		NAME AND ADDRESS	C 1
X		3124	Name and address description	M an..35
X		3124	Name and address description	C an..35
X		3124	Name and address description	C an..35
X		3124	Name and address description	C an..35
X		3124	Name and address description	C an..35
X	C080		PARTY NAME	C 1
X		3036	Party name	M an..35
X		3036	Party name	C an..35
X		3036	Party name	C an..35
X		3036	Party name	C an..35
X		3036	Party name	C an..35
X		3045	Party name format code	C an..3
X	C059		STREET	C 1
X		3042	Street and number or post office box identifier	M an..35
X		3042	Street and number or post office box identifier	C an..35
X		3042	Street and number or post office box identifier	C an..35
X		3042	Street and number or post office box identifier	C an..35
X	3164		CITY NAME	C 1 an..35
X	C819		COUNTRY SUB-ENTITY DETAILS	C 1
X		3229	Country sub-entity name code	C an..9
X		1131	Code list identification code	C an..17
X		3055	Code list responsible agency code	C an..3
X		3228	Country sub-entity name	C an..35
X	3251		POSTAL IDENTIFICATION CODE	C 1 an..17
X	3207		COUNTRY NAME CODE	C 1 an..3



Segment: **TDT** Details of Transport
Position: 0140 (Trigger Segment)
Group: Segment Group 4 (Details of Transport) Mandatory
Level: 1
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	8051		TRANSPORT STAGE CODE QUALIFIER 20 Main-carriage transport	M 1 an..3
R	8028		MEANS OF TRANSPORT JOURNEY IDENTIFIER Vessel operator's voyage number	C 1 an..17
R	C220		MODE OF TRANSPORT	C 1
R		8067	Transport mode name code 1 Maritime transport (ocean)	C an..3
X		8066	Transport mode name	C an..17
X	C228		TRANSPORT MEANS	C 1
X		8179	Transport means description code	C an..8
X		8178	Transport means description	C an..17
R	C040		CARRIER	C 1
R		3127	Carrier identifier Vessel operator's code	C an..17
O		1131	Code list identification code 172 Carriers	C an..17
O		3055	Code list responsible agency code 20 BIC (Bureau International des Containeurs) 87 Assigned by carrier 166 US, National Motor Freight Classification Association 184 AU, ACOS (Australian Chamber of Shipping)	C an..3
O		3128	Carrier name Vessel operator's name (free text)	C an..35
X	8101		TRANSIT DIRECTION INDICATOR CODE	C 1 an..3
X	C401		EXCESS TRANSPORTATION INFORMATION	C 1
X		8457	Excess transportation reason code	M an..3
X		8459	Excess transportation responsibility code	M an..3
X		7130	Customer shipment authorisation identifier	C an..17
R	C222		TRANSPORT IDENTIFICATION	C 1
R		8213	Transport means identification name identifier Lloyd's (IMO) number	C an..9
O		1131	Code list identification code 146 Means of transport identification	C an..17
O		3055	Code list responsible agency code 11 Lloyd's register of shipping	C an..3
O		8212	Transport means identification name Vessel name (free text)	C an..35
O		8453	Transport means nationality code Flag of means of transport (ISO country code)	C an..3
X	8281		TRANSPORT MEANS OWNERSHIP INDICATOR CODE	C 1 an..3



Segment: **RFF** Reference
Position: 0160
Group: Segment Group 4 (Details of Transport) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE	M 1
M		1153	Reference code qualifier	M an..3
			ATZ Ship's stay reference number	
			MA Ship notice/manifest number	
			VM Vessel identification	
			VON Voyage number	
R		1154	Reference identifier	C an..70
			Callsign (if C506.e1153 = 'VM')	
			Alternative (non vessel operator's) voyage number (if C506.e1153 = 'VON')	
			Manifest number (If C506.e1153 = 'MA')	
			Other reference (if C506.e1153 = 'ATZ')	
X		1156	Document line identifier	C an..6
X		4000	Reference version identifier	C an..35
X		1060	Revision identifier	C an..6





Segment: **LOC** Place/Location Identification
Position: 0180 (Trigger Segment)
Group: Segment Group 5 (Place/Location Identification) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3227		LOCATION FUNCTION CODE QUALIFIER <i>175 Activity location</i>	M 1 an..3
R	C517		LOCATION IDENTIFICATION	C 1
R		3225	Location name code <i>UN LOCODE</i>	C an..25
O		1131	Code list identification code <i>139 Port</i>	C an..17
O		3055	Code list responsible agency code <i>6 UN/ECE (United Nations - Economic Commission for Europe)</i>	C an..3
O		3224	Location name <i>Port name (free text)</i>	C an..256
R	C519		RELATED LOCATION ONE IDENTIFICATION	C 1
R		3223	First related location name code <i>Terminal Code (SMDG code list recommended)</i>	C an..25
X		1131	Code list identification code	C an..17
X		3055	Code list responsible agency code	C an..3
O		3222	First related location name <i>Terminal name</i>	C an..70
X	C553		RELATED LOCATION TWO IDENTIFICATION	C 1
X		3233	Second related location name code	C an..25
X		1131	Code list identification code	C an..17
X		3055	Code list responsible agency code	C an..3
X		3232	Second related location name	C an..70
X	5479		RELATION CODE	C 1 an..3



Segment: **DTM** Date/Time/Period
Position: 0190
Group: Segment Group 5 (Place/Location Identification) Conditional (Optional)
Level: 3
Usage: Conditional (Required)
Max Use: 9

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD	M 1
M		2005	Date or time or period function code qualifier <i>178 Arrival date/time, actual</i> <i>186 Departure date/time, actual</i>	M an..3
R		2380	Date or time or period value <i>Arrival or departure date/time</i>	C an..35
R		2379	Date or time or period format code <i>203 CCYYMMDDHHMM</i>	C an..3

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Segment: **UNT** Message Trailer
Position: 0240
Group:
Level: 0
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0074		NUMBER OF SEGMENTS IN A MESSAGE <i>Total number of segments in the message</i>	M 1 n..6
M	0062		MESSAGE REFERENCE NUMBER <i>Message reference identical to e0062 in UNH segment</i>	M 1 an..14

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