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FAL.5/Circ.43
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REVISED IMO COMPENDIUM ON FACILITATION AND ELECTRONIC BUSINESS

- 1 The Facilitation Committee, at its forty-fourth session (28 September to 2 October 2020), approved the *Revised IMO Compendium on facilitation and electronic business*, as set out in the annex.
- 2 The Committee recalled that this revised Compendium refers to the data elements related to the FAL Convention, as well as data sets beyond those mandated by the FAL Convention.
- 3 Member Governments are invited to bring the Compendium to the attention of all parties concerned.
- 4 Member Governments, international organizations and non-governmental organizations with consultative status are also invited to bring to the attention of the Committee, at the earliest opportunity, the results of the experience gained from the use of the Compendium for consideration of action to be taken.
- 5 This circular revokes FAL.5/Circ.41 issued on 16 May 2019. Any reference to FAL.5/Circ.41 should be read as reference to the present circular.
- 6 The amendments introduced in the IMO Compendium are set out in the appendix.

ANNEX

REVISED IMO COMPENDIUM ON FACILITATION AND ELECTRONIC BUSINESS

Contents

Section 1	Purpose and use	2
A	Purpose	2
B	Electronic data submission and collection	4
C	Information security	5
Section 2	The IMO Data Set	6
A	Standard IMO data elements	6
B	Using the IMO data set	6
Section 3	The IMO Reference Data Model	51
A	Data structure	51
Section 4	Implementation business rules.....	58
A	Business rules	58
Annex 1:	World Customs Organization (WCO) Data Mapping	63
Annex 2:	United Nations Economic Commission for Europe (UNECE) Data Mapping	63
Annex 3:	International Organization for Standardization (ISO) Data Mapping	63
Annex 4:	Code lists to be maintained by IMO	64
Appendix:	Amendments to the previous version of the IMO Compendium (FAL.5/Circ.41)	70

Section 1 Purpose and use

A Purpose

1.1 The Compendium on Facilitation and Electronic Business (Compendium) serves as a reference manual for creating and harmonizing the systems needed to support transmission, receipt and response of information required for the arrival, stay and departure of the ship, persons and cargo via electronic data exchange. It addresses the following declarations required by the annex to the Convention on Facilitation of International Maritime Traffic (FAL Convention):

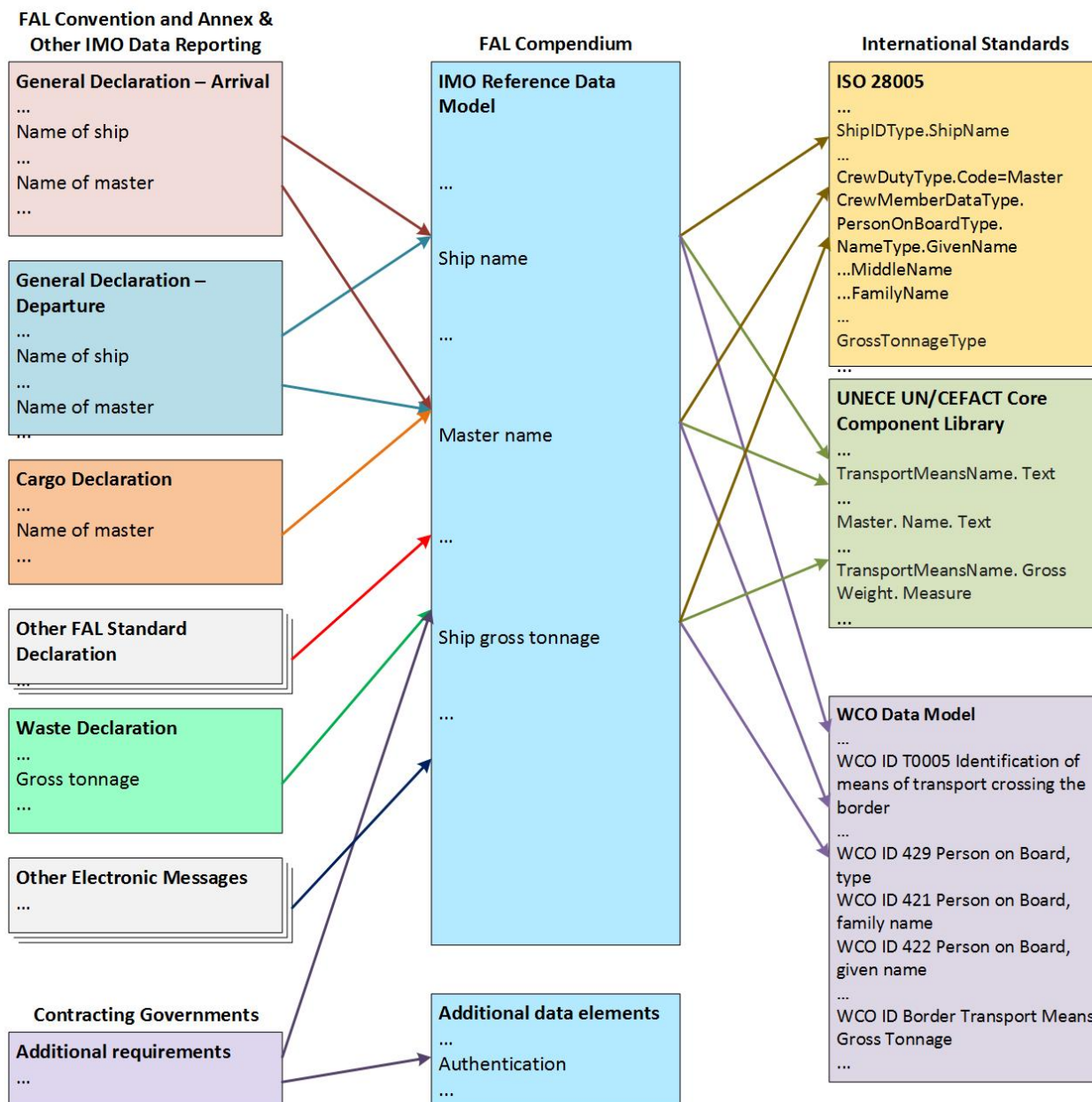
- .1 General Declaration;
- .2 Cargo Declaration;
- .3 Ship's Stores Declaration;
- .4 Crew's Effects Declaration;
- .5 Crew List;
- .6 Passenger List;
- .7 Dangerous Goods Manifest;
- .8 Security-related information as required under SOLAS regulation XI-2/9.2.2;
- .9 Advance Notification for Waste Delivery to Port Reception Facilities; and
- .10 Maritime Declaration of Health.

1.2 The Compendium, extended by FAL 42 to include additional e-business solutions beyond those related to the FAL Convention, also addresses port logistics operational data for digital exchange between the port and the ship.

1.3 In the Compendium, the Facilitation Committee constructs the IMO Data Set (see section 2) to identify and define all of the data elements related to reporting information requirements and the IMO Reference Data Model (see section 3) to establish the underlying hierarchical data structure used in electronic data exchange.

1.4 The IMO Data Set combined with the IMO Reference Data Model promote harmonization among the relevant international standards used for electronic business from the World Customs Organization (WCO), the United Nations Economic Commission for Europe (UNECE), the International Organization for Standardization (ISO TC 8) and other organizations. Figure 1 illustrates the flow of reporting data and the interaction of the international standards. Harmonization stimulates implementation of the single window concept as a high-level priority of the Organization and supports interoperability among single window systems. Single window processes enhance efficient international trade by simplifying communications among stakeholders and creating an electronic information environment that promotes accountability, transparency and informed decision-making.

Figure 1: Relationships among the FAL Convention, the FAL Compendium and International Standards



1.5 The Facilitation Committee standardizes the nature and scope of information to be submitted and processed as required by the annex to the Convention on Facilitation of International Maritime Traffic, 1965 (Convention). The Maritime Safety Committee (MSC) standardizes the security-related information submitted as required in SOLAS regulation XI-2/9.2.2 through MSC/Circ.1305, *Revised guidance to masters, companies and duly authorized officers on the requirements relating to the submission of security-related information prior to the entry of a ship into port*. The Marine Environmental Protection Committee (MEPC) standardizes the information submitted for waste delivery in port through MEPC.1/Circ.834/Rev.1, appendix 2, *Standard format of the Advance Notification Form for waste delivery to port reception facilities*. The Compendium is a tool for efficient, electronic transmission of all this vital information in a way intended to minimize the burden on shippers, crews, agents, port authorities and other stakeholders.

1.6 Annexes 1 to 3 explain the mapping of the IMO Data Set and IMO Reference Data Model to the relevant international standards.

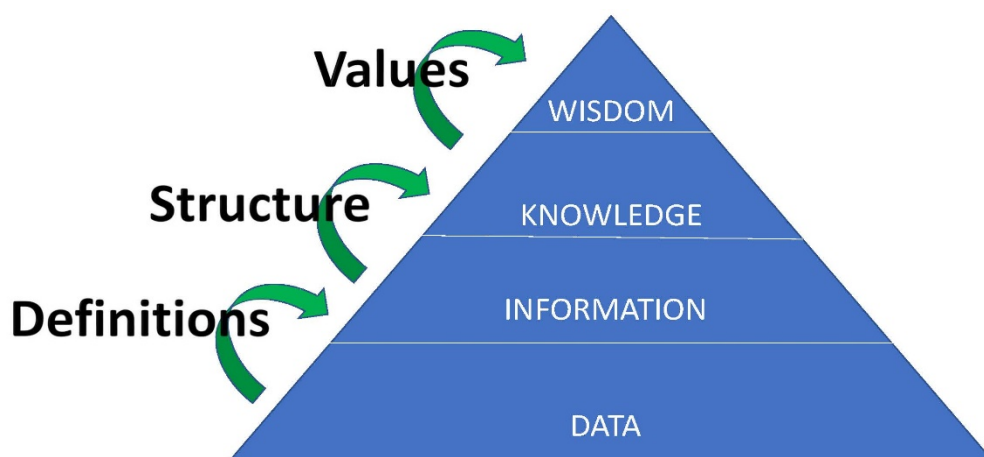
1.7 The Compendium does not serve as a reference manual for transmission and processing of ship, person and cargo information by facsimile, email and other means independent from the common standard data models used for electronic business.

B Electronic data submission and collection

1.8 The Organization identifies electronic data exchange as the preferred method of communication through the annex to the Convention. This Compendium promotes and supports electronic data exchange conducted using standardized data models and their implementation guidelines.

1.9 Electronic business has clear, quantifiable benefits over a paper-based environment in most cases. These globally accepted benefits led to the requirements for electronic reporting in the annex to the Convention. The holistic value of electronic data exchange is an equally important part of the philosophy promoted in this Compendium. The Data-Knowledge-Information-Wisdom (DIKW) pyramid¹ demonstrates this concept. Figure 2 illustrates how the data submitted through electronic data exchange leads to wisdom, defined for the purposes of this Compendium as *the willingness and ability to take the most appropriate action based on what is known*. That is, data leads to good decision-making by the port authority, Administration or other organization that receives the data. This decision-making could relate to a range of topics beyond the usage in the Convention, such as targeting ships for port State control examinations, assigning resources, identifying trade trends and developing public policy.

Figure 2: DIKW Pyramid



1.10 Figure 2 illustrates that applying definitions to data gives meaning and transforms data into information. Section 2 of this Compendium standardizes definitions of the data elements for the purpose of electronic data exchange. Similarly, applying structures reveals logical relationships and transforms information into knowledge. Section 3 of this Compendium standardizes the structure of the data elements. Lastly, values transform knowledge into the wisdom used to identify the most appropriate actions that support the data recipient's goals.

¹ Ackoff, R. (1989). From data to wisdom. *Journal of Applied Systems Analysis*, 16, 3-9.

1.11 Common definitions promote harmonization, ordering information with common structures promotes interoperability and directing knowledge with common values creates communities with shared goals. These communities might be the agencies in an Administration, collections of ports, or regional and international groups. Harmonization, interoperability and community are crucial to the Organization's goals of leveraging technology, minimizing burdens on mariners, promoting implementation of the single window and helping stakeholders meet international standards.

1.12 A paper-based communications system could accomplish all of the processes described above. However, systems for electronic data exchange are inherently more efficient, continue to evolve and have a much greater potential for facilitation opportunities. Through this Compendium, the Organization seeks to facilitate trade by helping standardize electronic business processes used to comply with the Organization's data submission requirements while recognizing the responsibility to balance those requirements with the benefits they provide.

C Information security

1.13 Ship reporting necessitates electronic transmission of sensitive, private and proprietary information including, but not limited to, ship location and destination, cargo types and amounts, passenger names and identity data, and security-related information. This type of information could provide valuable intelligence for unauthorized persons seeking to conduct illegal or malicious acts.

1.14 Companies, ships' crews, agents, and port and Administration officials share the responsibilities to protect ship reporting information described in this Compendium. All persons involved in transmitting, receiving, responding, storing, analysing and protecting ship reporting information should be fluent in the information security and cyber-risk management techniques and requirements in, but not limited to:

- .1 national laws and regulations;
- .2 International Convention for the Safety of Life at Sea, as amended;
- .3 International Ship and Port Facility Security Code;
- .4 IMO MSC-FAL.1/Circ.1 – Securing and Facilitating International Trade;
- .5 IMO MSC-FAL.1/Circ.3 – Guidelines on Maritime Cyber Risk Management;
and
- .6 accepted national and international industry standards on information security.²

² Such as the World Customs Organization SAFE Framework of Standards and the International Organization for Standardization 28000 series of standards.

Section 2 The IMO Data Set

A *Standard IMO data elements*

2.1 Table 1 shows the Organization's definitions for the data elements of the IMO Data Set. The Organization documents these definitions in the Compendium to promote harmonization among different data models and to help ensure accurate transmission, receipt and response of electronic data exchange. Each data element receives a unique identifier for reference purposes. In addition, table 1 shows the correlation between each data element and the legacy paper forms used to record the information in paragraph 1.1.4 with a notation of the relevant form cell number.

2.2 Mapping legacy paper forms to an electronic data exchange environment necessitates a number of decisions to represent and utilize the data most efficiently. For example, in the legacy paper forms, designed for completion by hand, several data elements often populate a single cell, such as the numerous characteristics or markings of a particular cargo. In the electronic environment, each data element is discriminated. In addition, paper forms do not accommodate the efficiency of using attributes to distinguish different types of similar data. For instance, a person's possible attributes include agent, crewmember, security officer or passenger. Furthermore, repeated information, such as the IMO number, ship name, ship type, and arrival time and date, can be stored and repeated in electronic data exchange, whereas it must be re-entered in each case on a paper form.

2.3 The IMO Data Set includes some data elements not found on the legacy paper forms but which are required for electronic data exchange, such as the message header date-time stamp, unique identifiers and other requirements for message tracking and machine-to-machine communications.

B *Using the IMO data set*

2.4 The *Change Indicator* column shows the status of the data element in that row to help maintain the history of changes to the data set. The change indicator meanings are:

- .1 a plus sign (+) for an addition to the data set since the last edition;
- .2 a minus sign (-) for a deletion from the data set since the last edition; and
- .3 a hash sign (*) for changes to a data element since the last edition.

2.5 The *Data Number* column shows the unique number assigned to each data element for reference. The "IMO" prefix identifies the source of the data element and distinguishes it from other data model elements.

2.6 The *Data Element* column shows the standard name of each data element.

2.7 The *Definition* column shows the standard definition of each data element. Note, these definitions seek to satisfy technical details. Therefore, instead of the traditional definition, some definitions refer to the information location so that the system or software designer can determine the specific format detail requirements.

2.8 The *Correlation to IMO Standard Reporting* columns show the location of each data element in the traditional paper versions of the FAL declarations by cell number or other reference. An "X" in this column indicates a data element not described in the annex to the Convention or other sources but commonly used in electronic data exchange. Dark grey cell shading identifies a data element needed to transmit electronic messages but not used in the

traditional paper versions of the FAL declarations. Light grey cell shading identifies a data element not included in the data structure shown in section 3 because it derives from a combination of other data elements.

2.9 The *Format* column shows the required format of each data element for electronic data exchange purposes.

2.10 The format indicator meanings are:

- a alphabetic characters
- n numeric characters
- an alphanumeric characters
- a3 3 alphabetic characters, fixed length
- n3 3 numeric characters, fixed length
- an3 3 alphanumeric characters, fixed length
- a..3 up to 3 alphabetic characters
- n..3 up to 3 numeric characters
- an..3 up to 3 alphanumeric characters
- n..11,3 up to 11 numeric characters of which 3 positions for a decimal

Examples for a n..11,3 type:

- 12345678.123 (Valid)
- 123456789.123 (Invalid – too many digits before decimal point and too many digits in total)
- 12345678.1234 (Invalid – too many digits after decimal point and too many digits in total)

Numerical fields should be either a cardinal value (integer value) or a decimal value. The decimal separator is the decimal point "." and no other symbols are permitted as a decimal separator. The decimal notation (with the decimal point) should only be used to indicate required precision. Triad separators, such as a comma, should not be used.

2.11 The *Code Lists* column identifies the source of specific standardized codes for the data element in that row. For example, ISO standard 3166-1, Codes for the representation of names of countries and their subdivisions, contains the internationally agreed list of two-character country codes. In some cases, cells in this column contain the phrase "To be defined" to identify a standardized code list that is envisioned in future use. The Code Lists under the maintenance responsibility of IMO are set out in annex 4.

2.12 The *Business Rule* column identifies recommended procedures for satisfying specific data element formats and requirements by referencing a relevant business rule listed in section 4.

2.13 The link https://www.unece.org/cefact/recommendations/rec_index.html leads to the list of a list of UNECE trade facilitation recommendations.

Table 1: IMO Data Elements³

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept				
	IMO0001	Agent City	The city address of the referenced agent at port.	8							16	5				an..35		
	IMO0002	Agent Contact Name	The agent's employee contact name.	8	10	12	9	18	19	16	5					an..70		BR 23
	IMO0003	Agent country code	A code representing the country address of the referenced agent at port.	8						16	5					a2	EDIFACT codes (3207) - ISO 3166-1 alpha-2 code	
	IMO0004	Agent country sub-division name	The country sub-division of the referenced agent at port.	8						16	5					an..35		
	IMO0006	Agent email	The email address for the referenced agent at port.	8						16	5					an..50		
	IMO0007	Agent identification number	The recognized identification number used by the ship's agent at the port of notification.	8	10	12	9	18	19	16	5					an..17		

³ For technical and consistency reasons, the text in the table is in English only. Refer to section 2.4 to 2.13 for column heading descriptions.

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept				
	IMO0008	Agent landline number	The landline telephone number for the referenced agent at port.	8							16	5				an..50		
	IMO0009	Agent mobile number	The mobile number for the referenced agent at port.	8							16	5				an..50		
	IMO0010	Agent name	The name of the agent at the port of arrival.	8	10	12	9	18	19	16	5					an..70		
	IMO0011	Agent postcode	An alphanumerical code representing the postal area of the referenced agent at port.	8							16	5				an..9		
	IMO0012	Agent street and number/P.O. Box.	The postal delivery point such as street and number or post office box of the referenced agent at port.	8							16	5				an..256		
	IMO0013	Arrival/departure code	A code in the message to show whether the information is submitted for the ship arrival or departure.	Tick Box	Tick Box	Tick Box		Tick Box	Tick Box							a1	A or D	

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept	Format	Code lists	Business rules
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report								
	IMO0014	Authentication date	The date of authentication.	23	10	12	9	18	19	16.1	6.5	Page 2	X	X	an..35				
	IMO0015	Authenticator location	The location of the person when submitting the security-related information.								6.4		X		an..17	UNLOCODE or 'At Sea'			
	IMO0016	Authenticator name	The name of the person attesting to the validity of the transmitted information.	23	10	12	9	18	19	16	6.1	Page 2	X	X	an..70		BR 23		
	IMO0017	Authenticator party identification number	An identifying number, such as an agent identifier, of the party attesting to the validity of the transmitted information.	X	X	X	X	X	X	X	X	X	X	X	an..17				
	IMO0019	Cargo brief description	A description of the type of cargo carried on the ship in general terms.	12							3.5				an..256				

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules		
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept	
	IMO0021	Transport equipment identification number	Marks (letters and/or numbers) which identify a transport equipment (e.g. containers, semi-trailers, swap bodies).		6						7					an..17	For containers this shall be the identification code as defined in ISO 6346.	
	IMO0022	Cargo item description of goods	A description of the referenced packaged cargo.		7											an..256		
	IMO0023	Cargo item gross volume	A measure of the gross volume, normally calculated by multiplying the maximum length, width and height of the cargo item.		9											n..16,6		BR 03 BR 04 BR 09 BR 18
	IMO0024	Cargo item gross weight	The combined weight or mass of the referenced packaged cargo and its packaging from the shipping data.		8											n..16,6		BR 02 BR 03 BR 09 BR 18

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
	IMO0025	Cargo item HS code	The standardized, international commodity code from the Harmonized Commodity Description and Coding System (HS) for the packaged cargo being reported.		7										an..18		
	IMO0026	Cargo item marks and numbers	An alphanumeric or symbolic identifier assigned by the shipper as a means to track cargo not carried in bulk.		6					7					an..512		
	IMO0028	Cargo item number of packages	A count of the type of package reported for the referenced cargo.		7										n..8		BR 03 BR 09
	IMO0029	Cargo item package type, coded	A code representing the type of package used for the referenced cargo.		7										an..2	EDIFACT codes (7065) = UN/ECE Recommendation 21 Annex VI	

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
	IMO0031	IMO Company number	The unique company identification number shown in the Continuous Synopsis Record (CSR).									1.10			an..17		
	IMO0032	IMO Company name	The name of the Company shown in the Continuous Synopsis Record (CSR).									1.9	1.5		an..70		
	IMO0033	Company security officer email	The contact email address for the company security officer shown in the ship security plan.									1.11			an..50		
	IMO0034	Company security officer landline number	The contact landline number for the company security officer shown in the ship security plan.									1.11			an..50		
	IMO0035	Company security officer mobile number	The contact mobile number for the company security officer shown in the ship security plan.									1.11			an..50		

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
	IMO0036	Company security officer name	The name of the company security officer shown in the ship security plan.									1.11			an..70		BR 23
	IMO0037	Crew effect description, coded	A code representing the type of the referenced crew's effects.				7								an..3	to be defined	
	IMO0039	Crew effect quantity onboard	The quantity or count of the type of the referenced crew's effects.				7								n..16,6		BR 03 BR 05 BR 09 BR 18
	IMO0040	Crew effects description	A description of the type of the referenced crew's effects.				7								an..256		
	IMO0041	Crew effects sequence number	A number representing the order of the referenced crew's effects in a list.				3								n..5		BR 09
*	IMO0042	Crewmember rank or rating name	The description of the referenced crewmember's rank or rating on the ship.				6	9						X	an..70		

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept				
*	IMO0043	Crewmember rank or rating, coded	A code representing the referenced crewmember's rank or rating on the ship.				6	9						X		an..5	to be defined	
*	IMO0044	Person on board sequence number	A number indicating the order of the referenced person in the person on board list.					6						X		n..5		BR 09
	IMO0045	Stowage position onboard	The position or place where goods such as dangerous goods are stored on board the ship.							5						an..35		BR 11
	IMO0046	Dangerous goods carried indicator	A yes/no indicator whether the ship is carrying any dangerous goods.								3.5.1					n1	yes/no indicator (1=yes, 0=no)	
	IMO0047	Dangerous goods EmS number	The emergency schedule identified in the IMO EmS Guide – Emergency Response Procedures for Ships Carrying Dangerous Goods.							15						an..6	Comprises 2 values; 1 for spillage and 1 for fire. Possible values spillage: S-A to S-Z. Possible values fire: F-A to F-Z.	

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules		
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept	
	IMO0048	Dangerous goods flashpoint	The flashpoint of the referenced dangerous goods according to the IMO IMDG Code expressed in degrees Celsius or Fahrenheit.								12					n..8,2		BR 03 BR 09 BR 18
*	IMO0049	Dangerous goods hazard class, coded	The hazard class code of the referenced dangerous goods according to the specified regulation.								10					an..7	IMO Compendium Annex 4 section 1	
	IMO0051	Dangerous goods marine pollutant type, coded	A code representing the type of marine pollutant properties for the referenced dangerous goods from the IMO IMDG Code or IBC Code / MARPOL Convention.								12					an..3	MARPOL (as defined in IMDG and IBC)	
	IMO0052	Dangerous goods mass	The mass of the referenced dangerous goods.								14					n..16,6		BR 03 BR 09 BR 16 BR 18

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules		
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept	
	IMO0053	Dangerous goods number of packages	The count of the number of packages of the referenced dangerous goods.								13					n..8		
	IMO0054	Dangerous goods packing group	The packing group according to the UN Recommendations on the Transport of Dangerous Goods and IMO IMDG Code.								11					an..3		
	IMO0055	Dangerous goods proper shipping name	The proper shipping name for goods under IMDG Code, or the product name for goods under IBC Code and IGC Code, or the bulk cargo shipping name for goods under IMSBC Code, or the name of oil for goods under Annex I to the MARPOL Convention.								9					an..256		

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept				
	IMO0056	Dangerous goods shipper's reference number	A number assigned by the shipper to track the referenced dangerous goods.								6					an..70		
	IMO0058	Dangerous goods subsidiary risks, coded	Any risk in addition to the class of the referenced dangerous goods according to the IMO IMDG Code.								10					an..4	To be defined	
	IMO0059	Dangerous goods technical specifications	The recognized chemical or biological name or other name currently used for the referenced dangerous goods.								9					an..256		
	IMO0060	Dangerous goods UNDG number	United Nations Dangerous Goods Identifier (UNDG) assigned by the UN Sub-Committee of Experts on the Transport of Dangerous Goods and shown in the IMO IMDG.								8					n4	UNDG Code	

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
	IMO0061	Dangerous goods volume	The volume of the referenced dangerous goods.								14				n..16,6		BR 03 BR 09 BR 14 BR 17 BR 18
*	IMO0063	Date and time of arrival - actual	The date and time the ship arrives at a specified location, ATA.	3		3		3	3			2.2	2.2		X	an..35	BR 01
*	IMO0064	Date and time of arrival - estimated	The date and time the ship is estimated to arrive at a specified location, ETA.	3		3		3	3			2.2	2.2		X	an..35	BR 01
*	IMO0065	Date and time of departure - actual	The date and time the ship departs from a specified location, ATD.	3		3		3	3				2.3		X	an..35	BR 01
*	IMO0066	Date and time of departure - estimated	The date and time the ship is estimated to depart from a specified location, ETD.	3		3		3	3				2.3		X	an..35	BR 01

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
	IMO0067	ISSC status, coded	An indicator of whether the ship has a valid Interim International Ship Security Certificate or valid International Ship Security Certificate.									3.1			n1	yes/no indicator (1=yes, 0=no)	
	IMO0068	Reason why ship has no valid ISSC or interim ISSC	The explanation of why the ship is not provided with a valid ISSC or a valid interim ISSC.									3.1.2			an..512		BR 15
	IMO0069	Reason why ship has no valid ISSC or interim ISSC, coded	A coded explanation of why the ship is not provided with a valid ISSC or a valid interim ISSC.									3.1.2			an..3	To be defined	BR 15
	IMO0070	ISSC contracting Government code	A code representing the nation that issued the ISSC or Interim ISSC.									3.1.1			a2	ISO 3166-1 alpha-2	
	IMO0071	ISSC expiry date	The expiry date shown on the ISSC or Interim ISSC.									3.1.1			an..35		

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept	Format	Code lists	Business rules
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report								
*	IMO0075	Last port of call name	The name and country of the port immediately previous to the port of arrival.	6		5		5							X		an..256		BR 21
*	IMO0076	Last port of call, coded	The code representing the port immediately previous to the port of arrival.	6		5		5							X		an5	UN/LOCODE	
	IMO0077	Measurement unit, coded	A code representing the units of measured for a referenced quantity on board, such as crew's effects, ship's stores, and cargo.		7 8 9	6 9	7				12 13 14						an..3	EDIFACT codes (6411) = UN/ECE Recommendation 20	
	IMO0078	Message Date Time	The date and time the message is transmitted.														an..35		BR 01
	IMO0082	Message sender identifier	The identifier of the party transmitting the message.														an..17		
*	IMO0083	Name of master	The name of the person in charge of the ship.	5	4										X		an..70		BR 23

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules		
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept	
*	IMO0084	Next port of call, coded	The port immediately subsequent to the port of departure.	6		5							2.5	X		an5	UN/LOCODE	
*	IMO0085	Next port of call, name	The name and country of the port immediately subsequent to the port of departure.	6		5							2.5	X		an..256		BR 21
*	IMO0086	Number of crew	The count of persons actually employed for duties on board during a voyage in the working or service of a ship and included in the crew list.	13										X		n..4		BR 03 BR 09
*	IMO0087	Number of passengers	The count of persons on board the ship who are passengers as defined by SOLAS.	14										X		n..4		BR 03 BR 09
	IMO0088	Number of persons on board	The total number of persons on board the ship including crew and passengers.			6										n..4		BR 03 BR 09

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept				
*	IMO0089	Person in transit indicator	A "yes/no" indicator of whether the referenced person is in transit to a foreign country.						18							n1	yes/no indicator (1=yes, 0=no)	
*	IMO0091	Person port of embarkation, coded	The code representing the port from which the referenced person embarked the ship.						15					X		an5	UN/LOCODE	
*	IMO0092	Person port of disembarkation, name	The name of the port from which referenced person plans to disembark.						17							an..256		BR 21
*	IMO0093	Person port of disembarkation, coded	The code representing the port from which the referenced person plans to disembark the ship.						17							an5	UN/LOCODE	
*	IMO0094	Person port of embarkation, name	The name of the port from which referenced person embarked.						15					X		an..256		BR 21

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
*	IMO0095	Person visa number	The unique number assigned to the referenced person's visa by the issuing nation.						16						an..70		
	IMO0096	Person country of birth, coded	The code representing the referenced person's country of birth as shown on the person's identity document.					12	9						a2	ISO 3166-1 alpha-2 code	BR 20
*	IMO0097	Person date of birth	The referenced person's date of birth as shown on the person's identity document.					11	8				X		an..35		
*	IMO0098	Person family name	The family name of the referenced person, such as a crewmember or passenger.				4	7	5				X		an..70		
*	IMO0099	Person gender, coded	A code representing the gender of the referenced person.					13	10				X		an..3	UN/EDIFACT codes (3499)	

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules		
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept	
*	IMO0100	Person given name	The given name of the referenced person, such as a crew member or passenger.				5	8	6					X		an..70		
	IMO0101	Person identity or travel document expiry date	The expiry date shown on the referenced person's identity document.					17	14							an..35		
	IMO0102	Person identity or travel document issuing nation, coded	A code representing the nation issuing the referenced person's presented identity or travel document.					16	13							a2	ISO 3166-1 alpha-2 code	
	IMO0103	Person identity or travel document number	The unique control number assigned to the referenced person's identity or travel document by the issuing nation.					15	12							an..70		
	IMO0104	Person identity or travel document type, coded	A code representing the type of the referenced person's presented identity or travel document.					14	11							an..3	EDIFACT codes (1001)	BR 10

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules		
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept					
*	IMO0105	Person nationality, coded	A code representing the nationality of the referenced person as shown on the person's identity or travel document.					10	7						X		a2	ISO 3166-1 alpha-2 code	
*	IMO0106	Person place of birth name	The name of the referenced person's place of birth as shown on the person's identity or travel document.					12	9						X		an..35		BR 20
*	IMO0107	Person type, coded	A code representing the type of a person on board the ship, such as master, crew member or passenger.					X	X						X		an..3	UN/EDIFACT codes (3035)	
*	IMO0108	Port of arrival, coded	The code representing the port where the ship arrives.	2		2		2	2			2.1	Title	X	X		an5	UN/LOCODE	
*	IMO0109	Port of arrival, name	A name and country of the port where the ship arrives.	2		2		2	2			2.1	Title	X			an..256		BR 21
*	IMO0110	Port of call sequence number	A number indicating the order of a port of call on a list.									3.3		X			n..5		BR 09 BR 12

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept			
	IMO0111	Port of departure, coded	The code representing the port from which the ship departs.	2		2		2	2						an5	UN/LOCODE	
	IMO0112	Port of departure, name	A name and country of the port from which the ship departs.	2		2		2	2						an..256		BR 21
	IMO0113	Port of discharge, coded	The code representing the port of discharge for the referenced cargo.		5					4					an5	UN/LOCODE	
	IMO0114	Port of discharge, name	The name and country of the port of discharge for the referenced cargo.		5					4					an..256		BR 21
	IMO0115	Port of last waste delivery, name	The name and country of the last port where waste of any type was delivered.									2.6			an..256		BR 21
	IMO0116	Port of last waste delivery, coded	The code representing the last port where waste of any type was delivered.									2.6			an5	UN/LOCODE	

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
	IMO0117	Port of loading, coded	The code representing the port of loading for the referenced cargo.		5						3				an5	UN/LOCODE	
	IMO0118	Port of loading, name	The name and country of the port where the cargo was loaded on board the ship.		5						3				an..256		BR 21
	IMO0119	Port of next waste delivery, name	The name and country of the next port where the ship plans to deliver waste of any type.									2.8			an..256		BR 21
	IMO0120	Port of next waste delivery, coded	The code representing the next port where the ship plans to deliver waste of any type.									2.8			an5	UN/LOCODE	
	IMO0121	Port of remaining waste delivery, coded	The code representing the port where the ship intends to deliver the remaining waste.									Page 2			an5	UN/LOCODE	BR 07

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept	Format	Code lists	Business rules
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report								
	IMO0122	Port of remaining waste delivery, name	The name and country of the port where the ship intends to deliver the remaining waste.										Page 2			an..256		BR 07 BR 21	
	IMO0123	Port period of stay	The scheduled duration of stay in the port of arrival in days.			7										an..35			
	IMO0124	Previous port facility call start date	The start date of a previous port facility call.								3.3					an..35			
*	IMO0125	Previous port facility call end date	The end date of a previous port facility call.								3.3		X			an..35		BR 01 BR 24	
*	IMO0126	Previous port of call, name	The name and country of a previous port of call.	11							3.3		X			an..256		BR 21 BR 24	
*	IMO0127	Previous port of call, coded	A code representing a previous port of call.	11							3.3		X			an5	UN/LOCODE	BR 24	
	IMO0128	Authenticator role, coded	A code providing the role of the person attesting to the validity of the transmitted information.	23	10	12	9	18	19	16	6.2	2.9	X	X		an..3	EDIFACT codes (3035)		

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
	IMO0129	RSO Name	The name of the Recognized Security Organization that issued the ISSC or Interim ISSC.									3.1.1			an..70		
	IMO0130	Security Plan approval indicator	A "yes/no" indicator of whether the ship is provided with an approved security plan on board.									3.1.2.1			n1	yes/no indicator (1=yes, 0=no)	
	IMO0131	Security, other matters to report	An explanation of any other security-related matters to report.									4.1.1			an..512		
	IMO0133	Ship additional security measures, coded	A code representing a description of special or additional security measures applied in lieu of those in the security plan.									3.3.2			an..3	To be defined	
	IMO0135	Ship additional security measures, description	The description of special or additional security measures applied in lieu of those in the security plan.									3.3.2			an..512		

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
	IMO0136	Ship call sign	A unique ship's identification used primarily for radio communications shown on the ship's IMO certificates.	1.3		1.3	1.3	1.3	1.3	1.3	1.6	1.6			an..7		
	IMO0137	Ship current security level, coded	A code representing the security level of the ship in the port of arrival as defined by the ISPS Code.								3.2				an..3	Code list to be defined Used codes according to ISPS code - SL1 - SL2 - SL3	
*	IMO0138	Ship flag state, coded	The code representing the nationality of the ship shown on its IMO ship's certificate.	4	3	4	2	4	4	2	1.4	1.7	X		a2	ISO 3166-1 alpha-2 code	

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
*	IMO0139	Ship gross tonnage	The gross tonnage shown on the ship's International Tonnage Certificate or other document issued by the Flag State or Recognized Organization.	9								1.8	1.3	X	n..14,3		BR 03 BR 09
*	IMO0140	Ship IMO number	The unique ship identification number shown on its IMO ship's certificate.	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	X	an..7			
	IMO0141	Ship INMARSAT call number	The unique, global satellite telephony and data communications address assigned to the ship and recorded in the INMARSAT Ships Directory.								1.7			an..14			
*	IMO0142	Ship name	The ship's name shown on the IMO ship's certificates.	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	X	an..70			

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept			
	IMO0143	Ship net tonnage	The net tonnage shown on the ship's International Tonnage Certificate or other document issued by the Flag State or Recognized Organization.	10											n..14,3		BR 03 BR 09
	IMO0144	Location in port	The name of the berth, terminal or station where the ship is located in the referenced port.									2.1			an..70		
	IMO0145	Ship registry issue date	The date of issue shown on the Certificate of Registry.	7											an..35		
	IMO0146	Ship registry number	The unique alphanumeric identifier assigned to the Certificate of Registry by the issuing nation for tracking purposes.	7											an..35		

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
	IMO0147	Ship registry port, coded	A code representing the port of registry shown on the IMO ship certificate.	7								1.3			an5	UN/LOCODE	
	IMO0148	Ship registry port, name	The name and country for the Port of Registry shown on the IMO ship certificate.	7								1.3			an..256		BR 21
	IMO0149	Ship security level in a previous port, coded	A code representing the security level of the ship in a previous port as defined by the ISPS Code.									3.3			an..3	Code list to be defined Used codes according to ISPS code - SL1 - SL2 - SL3	
	IMO0150	Ship security measures, coded	A code representing the security measures taken during ship-to-ship activity by the ship in lieu of the ship security procedures.									3.4.2			an..3	To be defined	

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept			
	IMO0151	Ship security measures, text	A description of the security measures taken during ship-to-ship activity by the ship in lieu of the ship security procedures.									3.4.2			an..256		
*	IMO0153	Ship stay reference number	Reference number assigned by a port authority to the stay of a ship in the port.	X	X	X	X	X	X	X	X	X	X	X	an..35		
	IMO0154	Ship stores article name, text	A description of the referenced ship stores article.			8									an..512		
	IMO0155	Ship stores article name, coded	A code representing the referenced ship stores article.			8									an..18	To be defined	
	IMO0156	Ship stores location on board, text	A description of the location on the ship of the referenced stores article.			10									an..256		
	IMO0158	Ship stores quantity on board	The number, count or amount of an article of the referenced ship stores.			9									n..16,6		BR 03 BR 05 BR 09 BR 18

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept			
	IMO0159	Ship stores sequence number	A number indicating the order of the referenced ship stores article in a list.			X									n..5		BR 09
	IMO0160	Ship type, coded	The type of the ship shown on its IMO ship's certificate.	1.1							1.5	1.4			an..4	UN/Recommendation 28	
*	IMO0161	Ship-to-ship activity, coded	A code representing the ship-to-ship activity which has been carried out during the period of the last ten calls.								3.4				an..3	UN/EDIFACT codes (8025)	
	IMO0162	Ship-to-ship activity, text	A description of the ship-to-ship activity which has been carried out during the period of the last ten calls.								3.4				an..512		
	IMO0163	Ship-to-ship activity end date	The end date of the ship-to-ship activity which has been carried out during the period of the last ten calls.								3.4				an..35		

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
	IMO0164	Ship-to-ship activity location, name	The name and country to describe where the ship-to-ship activity has been carried out during the period of the last ten calls.									3.4			an..256		BR 08
	IMO0165	Ship-to-ship activity sequence number	A number showing the order of ship-to-ship activity which has been carried out during the period of the last ten calls.									3.4			n..5		BR 09 BR 12
	IMO0166	Ship-to-ship activity start date	The start date of the ship-to-ship activity which has been carried out during the period of the last ten calls.									3.4			an..35		
	IMO0167	Ship-to-ship activity location, coded	A code representing the location of the ship-to-ship activity which has been carried out during the period of the last ten calls.									3.4			an5	UN/LOCODE	BR 08

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept			
	IMO0168	Subsequent port of call, name	The name and country of a scheduled subsequent port of call.	11											an..256		BR 21
	IMO0169	Subsequent port of call, coded	A code representing a subsequent port of call.	11											an5	UN/LOCODE	
	IMO0170	Transport contract number	A reference number to identify a document evidencing a transport contract (e.g. Bill of Lading).		B/L No.										an..70		
	IMO0172	Primary purpose of call, coded	A code representing the primary reason for the ship to enter the referenced port.							2.3					an..3	EDIFACT codes (8025)	
	IMO0173	Waste estimated amount to be generated	The estimated volume of waste to be generated between notification and next port of call (m3).									Page 2			n..16,6		BR 03 BR 07 BR 09 BR 13 BR 18

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept	Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report									
	IMO0174	Waste amount to be delivered	The volume of waste the ship plans to deliver (m3).												3			n..16,6		BR 03 BR 09 BR 13 BR 18
	IMO0175	Waste amount retained	The volume of waste the ship plans to retain on board (m3).												Page 2			n..16,6		BR 03 BR 07 BR 09 BR 13 BR 18
	IMO0178	All waste delivery indicator	A "yes/no" indicator of whether the ship is delivering all waste on board the ship.												Page 2			n1	yes/no indicator (1=yes, 0=no)	
	IMO0179	Waste last delivery date	The last date when waste of any type was delivered.												2.7			an..35		
	IMO0180	Waste maximum dedicated storage capacity	Maximum dedicated storage capacity on board for this type of waste in cubic metres (m3).												Page 2			n..16,6		BR 03 BR 07 BR 09 BR 13 BR 18

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
	IMO0181	Waste reception facility point of contact	The name of the person to contact at the waste reception facility regarding ship waste delivery.									2.1			an..70		
	IMO0183	Waste type, coded	A code representing the type of waste being delivered.									3			an..3	To be defined	
	IMO0184	Port facility, coded	A code representing the port facility at the port of call.								2.1				an..17	UN/LOCODE-Facility identifier (e.g. NLRM-0406)	BR 06
	IMO0185	Port facility, name	The name and country of a port facility at the port of call.								2.1				an..256		BR 22
	IMO0186	Dangerous goods additional information	A statement of any other information relevant to the characteristics or hazards of the referenced dangerous goods cargo item.								12				an..256		
	IMO0187	Dangerous goods package type, coded	A code representing the package type of the referenced dangerous goods.								13				an..2	EDIFACT codes (7065) = UN/ECE Recommendation 21 Annex VI	

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept			
	IMO0188	Previous port facility, name	The name and country of a previous port facility called at during a previous port call.									3.3			an..256		BR 22
	IMO0189	Previous port facility, coded	A code representing a previous port facility called at during a previous port call.									3.3			an..17	UN/LOCODE-Facility identifier (e.g. NLRMTM-0406)	BR 06
	IMO0190	Waste description	Additional description of the waste being delivered.										3		an..256		
	IMO0191	Voyage number	An operator-assigned reference code for the ship's voyage.	1.4	1.3	1.4	1.4	1.4	1.4	1.4					an..17		
	IMO0192	Message type, coded	Code specifying the name of a message type.												an..3	EDIFACT codes (1001)	

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
	IMO0194	Ship-to-ship activity location, latitude	The latitude (geographical coordinate) of the location of the ship-to-ship activity which has been carried out during the period of the last ten calls.									3.4			an..10	ISO 6709	BR 08
	IMO0195	Ship-to-ship activity location, longitude	The longitude (geographical coordinate) of the location of the ship-to-ship activity which has been carried out during the period of the last ten calls.									3.4			an..11	ISO 6709	BR 08
	IMO0196	Remarks	Statement of any other information relevant to ship arrival, stay or departure.	15											an..512		
	IMO0197	Vehicle identification number (VIN)	An alphanumeric identifier assigned by the shipper to identify a vehicle for tracking purposes.								7				an..17		

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept				
+	IMO0198	Dangerous Goods Regulation, coded	Code specifying a dangerous goods regulatory instrument, such as IMDG, IBC, etc.								X					an..3	UN/EDIFACT codes (8273)	
+	IMO0199	Valid Ship Sanitation Control Exemption/Control Certificate, indicator	An indicator of whether the ship has a valid Ship Sanitation Control Exemption or Control Certificate on board.											X		n1	yes/no indicator (1=yes, 0=no)	
+	IMO0200	Port of issue, coded	Location where the Ship Sanitation Control Exemption or Control Certificate was issued.											X		an5	UN/LOCODEs	
+	IMO0201	Date of issue	Date when the Ship Sanitation Control Exemption or Control Certificate was issued.											X		an..35		BR01
+	IMO0202	Re-inspection Required Indicator	A yes/no indicator whether re-inspection is required.											X		n1	yes/no indicator (1=yes, 0=no)	

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept
+	IMO0203	Visited Affected Area Indicator	A yes/no indicator whether the ship visited an affected area identified by the World Health Organization.											X	n1	yes/no indicator (1=yes, 0=no)	
+	IMO0204	Port of call in affected area, coded	Port of call in an affected area as identified by the World Health Organization.											X	an5	UN/LOCODEs	BR 25
+	IMO0205	Date of call in affected area	Date of the call in an affected area as identified by the World Health Organization.											X	an..35		BR 01 BR 25
+	IMO0206	Person died Indicator	A yes/no indicator whether any person died on board during the international voyage otherwise than as a result of accident.											X	n1	yes/no indicator (1=yes, 0=no)	BR 26

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules		
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept	
+	IMO0207	Disease on board Indicator	A yes/no indicator whether there is, or has been during the international voyage, any case of disease which you suspect to be of an infectious nature.											X		n1	yes/no indicator (1=yes, 0=no)	BR 26 BR 27
+	IMO0208	Ill persons greater than expected indicator	A yes/no indicator whether the total number of ill passengers during the international voyage has been greater than normal/expected.											X		n1	yes/no indicator (1=yes, 0=no)	
+	IMO0209	Ill persons now indicator	A yes/no indicator whether there is any ill person on board now.											X		n1	yes/no indicator (1=yes, 0=no)	BR 26
+	IMO0210	Medical practitioner consulted indicator	A yes/no indicator whether there is any ill person on board now.											X		n1	yes/no indicator (1=yes, 0=no)	BR 26

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules		
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept	
+	IMO0211	Infection condition on board indicator	A yes/no indicator whether you are aware of any condition on board which may lead to infection or spread of disease.											X		n1	yes/no indicator (1=yes, 0=no)	BR 26
+	IMO0212	Sanitary measure applied indicator	A yes/no indicator whether any sanitary measure (e.g. quarantine, isolation, disinfection or decontamination) has been applied on board.											X		n1	yes/no indicator (1=yes, 0=no)	
+	IMO0213	Sanitary measure, text	Description of the sanitary measure applied.											X		an..256		
+	IMO0214	Sanitary measure, place	Place of applied sanitary measure.											X		an..256		
+	IMO0215	Sanitary measure, date	Date of applied sanitary measure.											X		an..35		BR 01

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept				
+	IMO0216	Stowaway found indicator	A yes/no indicator whether any stowaways have been found on board. yes/no indicator whether any sanitary measure (e.g. quarantine, isolation, disinfection or decontamination) has been applied on board.											X		n1	yes/no indicator (1=yes, 0=no)	
+	IMO0217	Port stowaways joined ship, coded	Port where the stowaways joined the ship (if known).											X		an5	UN/LOCODE	
+	IMO0218	Sick animal indicator	A yes/no indicator whether there is a sick animal or pet on board.											X		n1	yes/no indicator (1=yes, 0=no)	
+	IMO0219	Person embarkation date	Date when the person embarked the ship.											X		an..35		BR 01
+	IMO0220	Illness	Nature of illness.											X		an..256		
+	IMO0221	Symptoms Onset Date	Date of onset of symptoms.											X		an..35		BR 01

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Format	Code lists	Business rules		
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				Just In Time Concept	
+	IMO0222	Health Status Reported Indicator	A yes/no indicator that the person health status is reported to a port medical officer/radio medical services.											X		n1	yes/no indicator (1=yes, 0=no)	
+	IMO0223	Health Status, coded	A code indicating whether the person recovered, is still ill or died.											X		an..3	Recovered: R Still ill: I Deceased: D	
+	IMO0224	Case Disposition, coded	A code indicating the disposition of the case: person or body still on board, was evacuated, or was buried at sea.											X		an..3	Still on board: S Evacuated: E Buried at sea: B	
+	IMO0225	Location of evacuation, name	The name of the port or airport to which the person was evacuated.											X		an..256		BR 28
+	IMO0226	Location of evacuation, coded	The code of the port or airport to which the person was evacuated.											X		an..5		BR 28
+	IMO0227	Treatment	Drugs, medicines or other treatment given to patient.											X		an..256		

Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms											Format	Code lists	Business rules	
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health	Just In Time Concept				
+	IMO0228	Comments	Comments on the specific case in the Maritime Declaration of Health attachment.											X		an..256		
+	IMO0229	Anchorage	An area in which ships anchor or may anchor (IHO Hydrographic Dictionary S-32).												X	an..256		
+	IMO0230	Terminal	A number of berths grouped together and provided with facilities for handling cargo (IHO Hydrographic Dictionary S-32).												X	an..256		
+	IMO0231	Pilot Boarding Place	At sea, the meeting place to which the pilot comes out.												X	an..256		
+	IMO0232	Berth	The space assigned to, or taken up by, a ship when anchored or when lying alongside a quay, wharf, jetty, or other structure.												X	an..256		

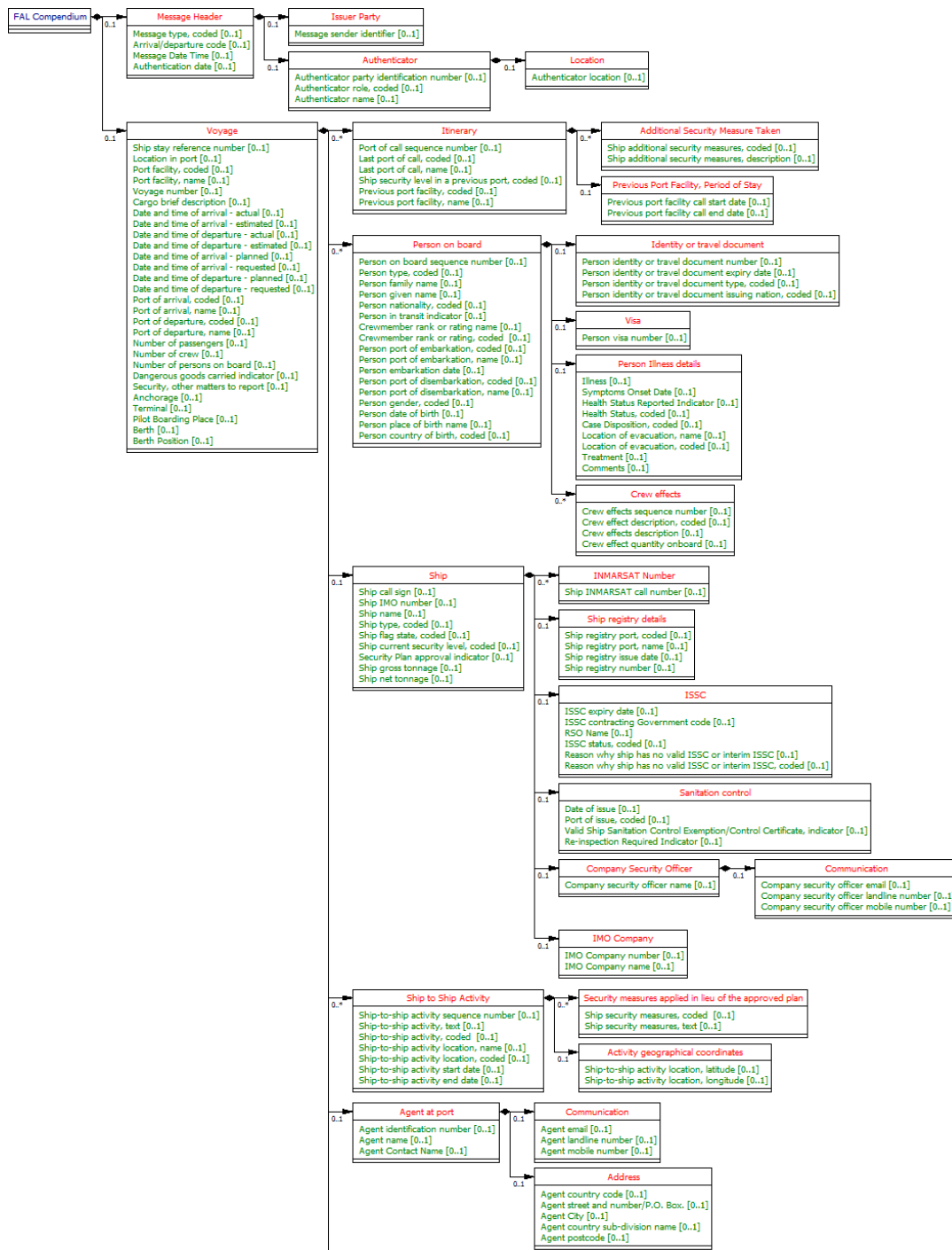
Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms										Just In Time Concept	Format	Code lists	Business rules
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.644/Rev.1)	Maritime Declaration Health				
+	IMO0233	Berth Position	The position along the line of a berth, specified by one point (e.g. bollard, manifold or ramp number), allowing the ship to berth in the correct position along the berth.											X	an..256		
+	IMO0234	Date and time of arrival - requested	The date and time the ship is requested to arrive at a specified location, RTA.											X	an..35		BR 01
+	IMO0235	Date and time of arrival - planned	Date and time the ship plans to arrive at a specific location, PTA.											X	an..35		BR 01
+	IMO0236	Date and time of departure - requested	The date and time the ship is requested to depart from a specified location, RTD.											X	an..35		BR 01
+	IMO0237	Date and time of departure - planned	Date and time the ship plans to depart from a specific location, PTD.											X	an..35		BR 01

Section 3 The IMO Reference Data Model

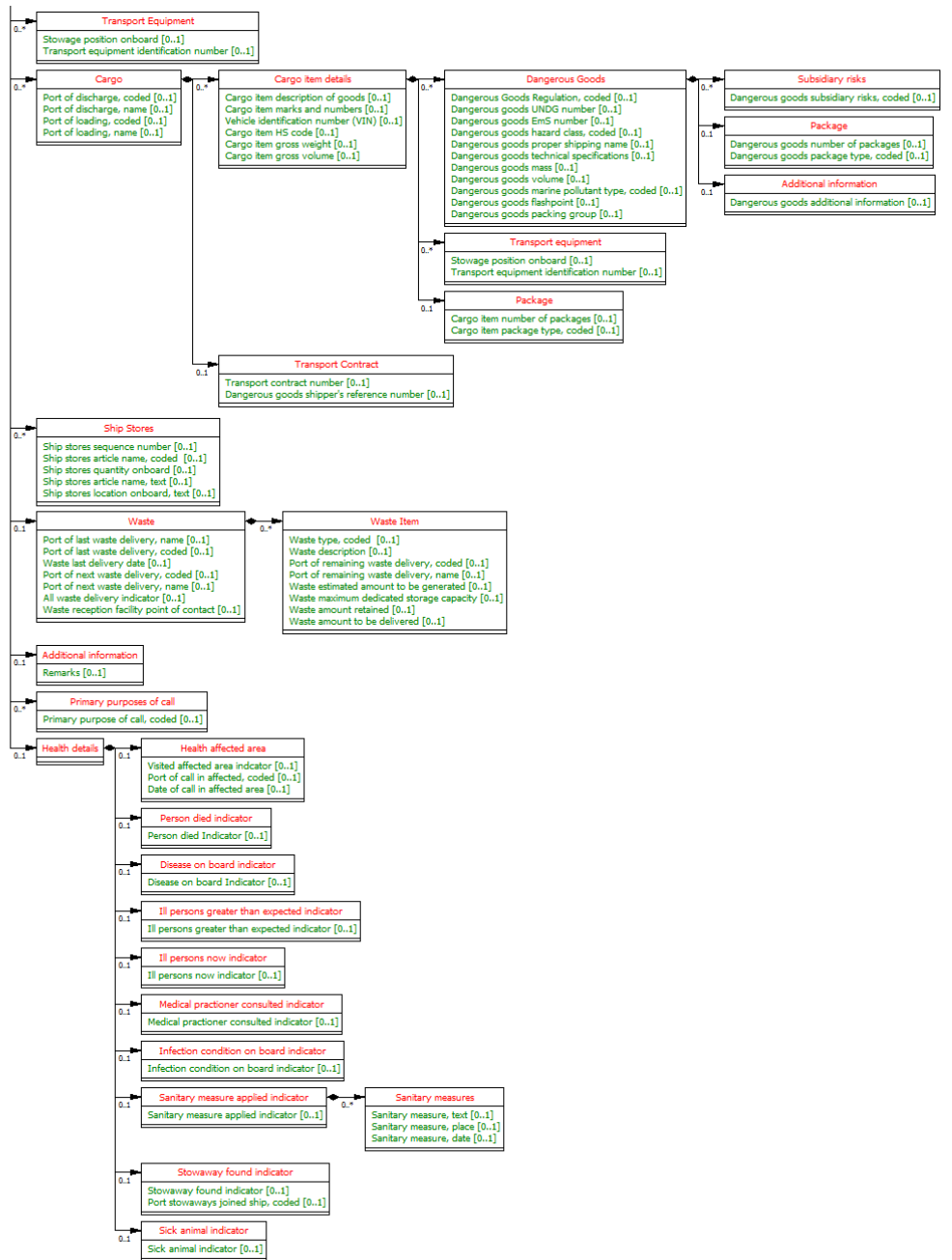
A Data structure

3.1 Figure 3 shows the structure and relationships of the standard data elements. Please note that in the following diagram, the combination of the class name (in red) plus the attribute name (in green) provides the name to link with table 1.

Figure 3: IMO Data Set – UML class diagram⁴



⁴ For technical and consistency reasons, the text in the figure is in English only.



B Data structure business names

3.2 Table 2 shows the summary report of the data model structure.

Table 2: Data structure report⁵

Occurrence	Components	Reference	Comment
0 .. 1	Message Header		
0 .. 1	—Message type, coded		IMO0192
0 .. 1	—Arrival/departure code		IMO0013
0 .. 1	—Message Date Time		IMO0078
0 .. 1	—Authentication date		IMO0014
0 .. 1	Issuer Party		
0 .. 1	—Message sender identifier		IMO0082
0 .. 1	Authenticator		
0 .. 1	—Authenticator party identification number		IMO0017
0 .. 1	—Authenticator role, coded		IMO0128
0 .. 1	—Authenticator name		IMO0016
0 .. 1	Location		
0 .. 1	—Authenticator location		IMO0015
0 .. 1	Voyage		
0 .. 1	—Ship stay reference number		IMO0153
0 .. 1	—Location in port		IMO0144
0 .. 1	—Port facility, coded		IMO0184
0 .. 1	—Port facility, name		IMO0185
0 .. 1	—Voyage number		IMO0191
0 .. 1	—Cargo brief description		IMO0019
0 .. 1	—Date and time of arrival - actual		IMO0063
0 .. 1	—Date and time of arrival - estimated		IMO0064
0 .. 1	—Date and time of departure - actual		IMO0065
0 .. 1	—Date and time of departure - estimated		IMO0066
0 .. 1	—Date and time of arrival - planned		IMO0235
0 .. 1	—Date and time of arrival - requested		IMO0234
0 .. 1	—Date and time of departure - planned		IMO0237
0 .. 1	—Date and time of departure - requested		IMO0236
0 .. 1	—Port of arrival, coded		IMO0108
0 .. 1	—Port of arrival, name		IMO0109
0 .. 1	—Port of departure, coded		IMO0111
0 .. 1	—Port of departure, name		IMO0112
0 .. 1	—Number of passengers		IMO0087
0 .. 1	—Number of crew		IMO0086
0 .. 1	—Number of persons on board		IMO0088
0 .. 1	—Dangerous goods carried indicator		IMO0046
0 .. 1	—Security, other matters to report		IMO0131
0 .. 1	—Anchorage		IMO0229
0 .. 1	—Terminal		IMO0230
0 .. 1	—Pilot Boarding Place		IMO0231
0 .. 1	—Berth		IMO0232
0 .. 1	—Berth Position		IMO0233
0 .. unbounded	Itinerary		
0 .. 1	—Port of call sequence number		IMO0110
0 .. 1	—Last port of call, coded		IMO0076
	—Next port of call, coded		IMO0084
	—Previous port of call, coded		IMO0127
	—Subsequent port of call, coded		IMO0169
0 .. 1	—Last port of call, name		IMO0075
	—Next port of call, name		IMO0085
	—Previous port of call, name		IMO0126
	—Subsequent port of call, name		IMO0168
0 .. 1	—Ship security level in a previous port, coded		IMO0149
0 .. 1	—Previous port facility, coded		IMO0189
0 .. 1	—Previous port facility, name		IMO0188
0 .. unbounded	Additional Security Measure Taken		
0 .. 1	—Ship additional security measures, coded		IMO0133
0 .. 1	—Ship additional security measures, description		IMO0135
0 .. 1	Previous Port Facility, Period of Stay		
0 .. 1	—Previous port facility call start date		IMO0124

⁵ For technical and consistency reasons, the text in the table is in English only.

Occurrence	Components	Reference	Comment
0 .. 1	— Previous port facility call end date		IMO0125
0 .. unbounded	Person on board		
0 .. 1	— Person on board sequence number		IMO0044
0 .. 1	— Person type, coded		IMO0107
0 .. 1	— Person family name		IMO0098
0 .. 1	— Person given name		IMO0100
0 .. 1	— Person nationality, coded		IMO0105
0 .. 1	— Person in transit indicator		IMO0089
0 .. 1	— Crewmember rank or rating name		IMO0042
0 .. 1	— Crewmember rank or rating, coded		IMO0043
0 .. 1	— Person port of embarkation, coded		IMO0091
0 .. 1	— Person port of embarkation, name		IMO0094
0 .. 1	— Person embarkation date		IMO0219
0 .. 1	— Person port of disembarkation, coded		IMO0093
0 .. 1	— Person port of disembarkation, name		IMO0092
0 .. 1	— Person gender, coded		IMO0099
0 .. 1	— Person date of birth		IMO0097
0 .. 1	— Person place of birth name		IMO0106
0 .. 1	— Person country of birth, coded		IMO0096
0 .. 1	Identity or travel document		
0 .. 1	— Person identity or travel document number		IMO0103
0 .. 1	— Person identity or travel document expiry date		IMO0101
0 .. 1	— Person identity or travel document type, coded		IMO0104
0 .. 1	— Person identity or travel document issuing nation, coded		IMO0102
0 .. 1	Visa		
0 .. 1	— Person visa number		IMO0095
0 .. 1	Person illness details		
0 .. 1	— Illness		IMO0220
0 .. 1	— Symptoms Onset Date		IMO0221
0 .. 1	— Health Status Reported Indicator		IMO0222
0 .. 1	— Health Status, coded		IMO0223
0 .. 1	— Case Disposition, coded		IMO0224
0 .. 1	— Location of evacuation, name		IMO0225
0 .. 1	— Location of evacuation, coded		IMO0226
0 .. 1	— Treatment		IMO0227
0 .. 1	— Comments		IMO0228
0 .. unbounded	Crew effects		
0 .. 1	— Crew effects sequence number		IMO0041
0 .. 1	— Crew effect description, coded		IMO0037
0 .. 1	— Crew effects description		IMO0040
0 .. 1	— Crew effect quantity onboard		IMO0039
0 .. 1	Ship		
0 .. 1	— Ship call sign		IMO0136
0 .. 1	— Ship IMO number		IMO0140
0 .. 1	— Ship name		IMO0142
0 .. 1	— Ship type, coded		IMO0160
0 .. 1	— Ship flag state, coded		IMO0138
0 .. 1	— Ship current security level, coded		IMO0137
0 .. 1	— Security Plan approval indicator		IMO0130
0 .. 1	— Ship gross tonnage		IMO0139
0 .. 1	— Ship net tonnage		IMO0143
0 .. unbounded	INMARSAT Number		
0 .. 1	— Ship INMARSAT call number		IMO0141
0 .. 1	Ship registry details		
0 .. 1	— Ship registry port, coded		IMO0147
0 .. 1	— Ship registry port, name		IMO0148
0 .. 1	— Ship registry issue date		IMO0145
0 .. 1	— Ship registry number		IMO0146
0 .. 1	ISSC		
0 .. 1	— ISSC expiry date		IMO0071

Occurrence	Components	Reference	Comment
0 .. 1	—ISSC contracting Government code		IMO0070
0 .. 1	—RSO Name		IMO0129
0 .. 1	—ISSC status, coded		IMO0067
0 .. 1	—Reason why ship has no valid ISSC or interim ISSC		IMO0068
0 .. 1	—Reason why ship has no valid ISSC or interim ISSC, coded		IMO0069
0 .. 1	Sanitation control		
0 .. 1	—Date of issue		IMO0201
0 .. 1	—Port of issue, coded		IMO0200
0 .. 1	—Valid Ship Sanitation Control Exemption/Control Certificate, indicator		IMO0199
0 .. 1	—Reinspection Required Indicator		IMO0202
0 .. 1	Company Security Officer		
0 .. 1	—Company security officer name		IMO0036
0 .. 1	Communication		
0 .. 1	—Company security officer email		IMO0033
0 .. 1	—Company security officer landline number		IMO0034
0 .. 1	—Company security officer mobile number		IMO0035
0 .. 1	IMO Company		
0 .. 1	—IMO Company number		IMO0031
0 .. 1	—IMO Company name		IMO0032
0 .. unbounded	Ship to Ship Activity		
0 .. 1	—Ship-to-ship activity sequence number		IMO0165
0 .. 1	—Ship-to-ship activity, text		IMO0162
0 .. 1	—Ship-to-ship activity, coded		IMO0161
0 .. 1	—Ship-to-ship activity location, name		IMO0164
0 .. 1	—Ship-to-ship activity location, coded		IMO0167
0 .. 1	—Ship-to-ship activity start date		IMO0166
0 .. 1	—Ship-to-ship activity end date		IMO0163
0 .. unbounded	Security measures applied in lieu of the approved plan		
0 .. 1	—Ship security measures, coded		IMO0150
0 .. 1	—Ship security measures, text		IMO0151
0 .. 1	Activity geographical coordinates		
0 .. 1	—Ship-to-ship activity location, latitude		IMO0194
0 .. 1	—Ship-to-ship activity location, longitude		IMO0195
0 .. 1	Agent at port		
0 .. 1	—Agent identification number		IMO0007
0 .. 1	—Agent name		IMO0010
0 .. 1	—Agent Contact Name		IMO0002
0 .. 1	Communication		
0 .. 1	—Agent email		IMO0006
0 .. 1	—Agent landline number		IMO0008
0 .. 1	—Agent mobile number		IMO0009
0 .. 1	Address		
0 .. 1	—Agent country code		IMO0003
0 .. 1	—Agent street and number/P.O. Box.		IMO0012
0 .. 1	—Agent City		IMO0001
0 .. 1	—Agent country sub-division name		IMO0004
0 .. 1	—Agent postcode		IMO0011
0 .. unbounded	Transport Equipment		
0 .. 1	—Stowage position onboard		IMO0045
0 .. 1	—Transport equipment identification number		IMO0021
0 .. unbounded	Cargo		
0 .. 1	—Port of discharge, coded		IMO0113
0 .. 1	—Port of discharge, name		IMO0114
0 .. 1	—Port of loading, coded		IMO0117
0 .. 1	—Port of loading, name		IMO0118
0 .. unbounded	Cargo item details		
0 .. 1	—Cargo item description of goods		IMO0022
0 .. 1	—Cargo item marks and numbers		IMO0026

Occurrence	Components	Reference	Comment
0 .. 1	Vehicle identification number (VIN)		IMO0197
0 .. 1	Cargo item HS code		IMO0025
0 .. 1	Cargo item gross weight		IMO0024
0 .. 1	Cargo item gross volume		IMO0023
0 .. unbounded	Dangerous Goods		
0 .. 1	Dangerous Goods Regulation, coded		IMO0198
0 .. 1	Dangerous goods UNDG number		IMO0060
0 .. 1	Dangerous goods EmS number		IMO0047
0 .. 1	Dangerous goods hazard class, coded		IMO0049
0 .. 1	Dangerous goods proper shipping name		IMO0055
0 .. 1	Dangerous goods technical specifications		IMO0059
0 .. 1	Dangerous goods mass		IMO0052
0 .. 1	Dangerous goods volume		IMO0061
0 .. 1	Dangerous goods marine pollutant type, coded		IMO0051
0 .. 1	Dangerous goods flashpoint		IMO0048
0 .. 1	Dangerous goods packing group		IMO0054
0 .. unbounded	Subsidiary risks		
0 .. 1	Dangerous goods subsidiary risks, coded		IMO0058
0 .. 1	Package		
0 .. 1	Dangerous goods number of packages		IMO0053
0 .. 1	Dangerous goods package type, coded		IMO0187
0 .. 1	Additional information		
0 .. 1	Dangerous goods additional information		IMO0186
0 .. unbounded	Transport equipment		
0 .. 1	Stowage position onboard		IMO0045
0 .. 1	Transport equipment identification number		IMO0021
0 .. 1	Package		
0 .. 1	Cargo item number of packages		IMO0028
0 .. 1	Cargo item package type, coded		IMO0029
0 .. 1	Transport Contract		
0 .. 1	Transport contract number		IMO0170
0 .. 1	Dangerous goods shipper's reference number		IMO0056
0 .. unbounded	Ship Stores		
0 .. 1	Ship stores sequence number		IMO0159
0 .. 1	Ship stores article name, coded		IMO0155
0 .. 1	Ship stores quantity onboard		IMO0158
0 .. 1	Ship stores article name, text		IMO0154
0 .. 1	Ship stores location onboard, text		IMO0156
0 .. 1	Waste		
0 .. 1	Port of last waste delivery, name		IMO0115
0 .. 1	Port of last waste delivery, coded		IMO0116
0 .. 1	Waste last delivery date		IMO0179
0 .. 1	Port of next waste delivery, coded		IMO0120
0 .. 1	Port of next waste delivery, name		IMO0119
0 .. 1	All waste delivery indicator		IMO0178
0 .. 1	Waste reception facility point of contact		IMO0181
0 .. unbounded	Waste Item		
0 .. 1	Waste type, coded		IMO0183
0 .. 1	Waste description		IMO0190
0 .. 1	Port of remaining waste delivery, coded		IMO0121
0 .. 1	Port of remaining waste delivery, name		IMO0122
0 .. 1	Waste estimated amount to be generated		IMO0173
0 .. 1	Waste maximum dedicated storage capacity		IMO0180
0 .. 1	Waste amount retained		IMO0175
0 .. 1	Waste amount to be delivered		IMO0174
0 .. 1	Additional information		
0 .. 1	Remarks		IMO0196
0 .. unbounded	Primary purposes of call		
0 .. 1	Primary purpose of call, coded		IMO0172
0 .. 1	Health details		
0 .. 1	Health affected area		
0 .. 1	Visited affected area indicator		IMO0203
0 .. 1	Port of call in affected, coded		IMO0204
0 .. 1	Date of call in affected area		IMO0205
0 .. 1	Person died indicator		
0 .. 1	Person died Indicator		IMO0206
0 .. 1	Disease on board indicator		

0 .. 1	↳ Disease on board Indicator	IMO0207
0 .. 1	↳ Ill persons greater than expected indicator	
0 .. 1	↳ Ill persons greater than expected indicator	IMO0208
0 .. 1	↳ Ill persons now indicator	
0 .. 1	↳ Ill persons now indicator	IMO0209
0 .. 1	↳ Medical practioner consulted indicator	
0 .. 1	↳ Medical practioner consulted indicator	IMO0210
0 .. 1	↳ Infection condition on board indicator	
0 .. 1	↳ Infection condition on board indicator	IMO0211
0 .. 1	↳ Sanitary measure applied indicator	
0 .. 1	↳ Sanitary measure applied indicator	IMO0212
0 .. unbounded	↳ Sanitary measures	
0 .. 1	↳ Sanitary measure, text	IMO0213
0 .. 1	↳ Sanitary measure, place	IMO0214
0 .. 1	↳ Sanitary measure, date	IMO0215
0 .. 1	↳ Stowaway found indicator	
0 .. 1	↳ Stowaway found indicator	IMO0216
0 .. 1	↳ Port stowaways joined ship, coded	IMO0217
0 .. 1	↳ Sick animal indicator	
0 .. 1	↳ Sick animal indicator	IMO0218

Section 4 Implementation business rules

A Business rules

4.1 Table 3 shows the business rules for using the IMO data elements.

Table 3: Business rules

Change indicator	BR No.	Description of the Business Rules	Used in IMO data element
	BR 00	In general, free text should not be used in case coded information is available	
	BR 01	Date time values are always provided with the indication of time zone	IMO0063 IMO0064 IMO0065 IMO0066 IMO0078 IMO0125 IMO0201 IMO0205 IMO0215 IMO0219 IMO0221 IMO0234 IMO0235 IMO0236 IMO0237
	BR 02	The recommended unit to be used is KGM	IMO0024
	BR 03	Leading zeroes shall not be used for numerical values. Trailing zeroes should only be used to indicate precision.	IMO0023 IMO0024 IMO0028 IMO0039 IMO0048 IMO0052 IMO0061 IMO0086 IMO0087 IMO0088 IMO0139 IMO0143 IMO0158 IMO0173 IMO0174 IMO0175 IMO0180
	BR 04	The recommended units to be used are: LTR, MTQ	IMO0023

Change indicator	BR No.	Description of the Business Rules	Used in IMO data element
	BR 05	The recommended units to be used for quantity values are: KGM, TNE, MTQ, LTR, NAR	IMO0039 IMO0158
	BR 06	Port facility's codes can be found in the IMO GISIS maritime security database	IMO0184 IMO0189
	BR 07	A value must be provided if the value for IMO0178 is "0"	IMO0121 IMO0122 IMO0173 IMO0175 IMO0180
	BR 08	The ship-to-ship activity's location may be either LOCODE, latitude and longitude, or location name	IMO0164 IMO0167 IMO0194 IMO0195
	BR 09	If filled, the respective value of data element must be more than 0	IMO0023 IMO0024 IMO0028 IMO0039 IMO0041 IMO0044 IMO0048 IMO0052 IMO0061 IMO0086 IMO0087 IMO0088 IMO0110 IMO0139 IMO0143 IMO0158 IMO0159 IMO0165 IMO0173 IMO0174 IMO0175 IMO0180
	BR 10	The recommended values to be used are 36 (Identity card) or 101 (registration document) or 39 (Passport)	IMO0104

Change indicator	BR No.	Description of the Business Rules	Used in IMO data element
	BR 11	<p>The recommended references to be used are: The description format is dependent on the cargo unit type (container, bulk, etc.) as well as the type of ship (RORO, deep sea container, feeder, etc.). According with ISO Standard 28005-2, it is a string with one upper case letter specifying the type of location code, a colon (:) and then the actual location code. The following clauses specify the type of coding, the coding letter and the format of the code.</p> <ol style="list-style-type: none"> 1) Container ship – Code "C": A string of digits in the form BBRRTT where BB is the bay number, RR is the row number and TT is the tier number. This shall be coded according to ISO 9711-1. This includes leading zeros where necessary. As an example, "C:010212" means container in bay 1, row 2 and tier 12. 2) Container feeder – Code "F": A string of digits in the form HHHTTRR where HHH is the hatch number, TT is the tier number and RR is the row number. All fields shall be filled with leading zeros. As an example "F:0010204" means hatch 1, tier 2 and row 4. 3) RORO – Code "R": A string of digits in the form DDBBBRRTT where DD is deck, BBB is bay, RR is row and TT is tier. As an example "R:030100204" means deck 3, bay 10, row 2 and tier 4. 4) General cargo – Code "G": A string of characters in the format CCS or CCSDDD, where CC is the cell number, S is side of ship ("S" – starboard, "P" – port side and "C" – centre), and DDD is an optional code specifying deck (WED – weather deck, TDn – tween deck n, where n is a digit zero to nine and LOH is lower hold deck). 5) Bulk vessel, including tankers – Code "B": The tank or hold number as numeral or other coding as used on board. 6) Other – Code "O": Free text description. Another common practice for RORO is to use the following description format: DECK/LANE/POSITION (FOR or FRN)/LEVEL <ul style="list-style-type: none"> • DECK number: counted from bottom to top • LANE number: counted from port to starboard • POSITION: distance measured in meters either from forward (FOR) or from frame number (FRN) to the centre of the cargo unit (which option is used has to be clearly indicated when providing the information) • LEVEL number: counted from bottom to top (on a single deck where it is possible to stow in multiple levels) For tankers, the following description is commonly used: 3 characters for the tank number (01, 02, etc.) with a further indication: S (Starboard), P (Portside), C (Centre), F (Forward) or A (Aft). 	IMO0045

Change indicator	BR No.	Description of the Business Rules	Used in IMO data element
	BR 12	To be provided in chronological order with the most recent first	IMO0110 IMO0165
	BR 13	The unit to be used is MTQ	IMO0173 IMO0174 IMO0175 IMO0180
	BR 14	The unit to be used is LTR	IMO0061
	BR 15	An entry must be provided if the value for IMO0067 is "0".	IMO0068 IMO0069
	BR 16	The unit to be used is KGM.	IMO0052
	BR 17	The unit to be used is LTR.	IMO0061
	BR 18	For all measurement items (e.g. volume, weight, mass, quantity) the indication of the unit is provided through IMO0077.	IMO0023 IMO0024 IMO0039 IMO0048 IMO0052 IMO0061 IMO0158 IMO0173 IMO0174 IMO0175 IMO0180
	BR 19	For all free text items or data elements related to text, the provision of the language code is necessary	
	BR 20	If the country of birth is not listed in code list 3166-1 the country of birth need to be indicated in IMO0106 (Person place of birth)	IMO0096 IMO0106
	BR 21	The name of a port always includes the port name and the country name. The format is: PortName, CountryName	IMO0075 IMO0085 IMO0092 IMO0094 IMO0109 IMO0112 IMO0114 IMO0115 IMO0118 IMO0119 IMO0122 IMO0126 IMO0168 IMO0148

Change indicator	BR No.	Description of the Business Rules	Used in IMO data element
	BR 22	The name of facility name of a port of call includes the facility name and country of a port of call. The format is: FacilityName, PortName, CountryName	IMO0185 IMO0188
	BR 23	The format to be used is: FamilyName, GivenName	IMO0002 IMO0016 IMO0036 IMO0083
+	BR 24	In case of MDH, state the list of port calls taken by the ship in the last thirty days, or during this voyage, whichever is shortest	IMO0125 IMO0126 IMO0127
+	BR 25	An entry must be provided if the value for IMO0203 (Visited affected area indicator) is "1"	IMO0204 IMO0205
+	BR 26	If yes, state particulars in the person level list of ill persons of the Maritime Declaration Health	IMO0206 IMO0207 IMO0209 IMO0210 IMO0211
+	BR 27	If no surgeon on board, refer to the attached note when determining if a communicable disease is on board; Note: In the absence of a surgeon, the master should regard the following symptoms as grounds for suspecting the existence of a disease of an infectious nature: (a) fever, persisting for several days or accompanied by (i) prostration; (ii) decreased consciousness; (iii) glandular swelling; (iv) jaundice; (v) cough or shortness of breath; (vi) unusual bleeding; or (vii) paralysis. (b) with or without fever: (i) any acute skin rash or eruption; (ii) severe vomiting (other than sea sickness); (iii) severe diarrhoea; or (iv) recurrent convulsions	IMO0207
+	BR 28	If the person was evacuated, state the location (including the name of the port or airport) to which the person was evacuated to in the attached schedule	IMO0225 IMO0226

Annex 1: World Customs Organization (WCO) Data Mapping

(To be developed)

Annex 2: United Nations Economic Commission for Europe (UNECE) Data Mapping

(To be developed)

Annex 3: International Organization for Standardization (ISO) Data Mapping

(To be developed)

Annex 4: Code lists to be maintained by IMO

Section 1 Code List for IMO0049 (*Dangerous goods IMO hazard class*) and IMO0058 (*Dangerous goods subsidiary risks, coded*)

The list for **Dangerous Goods Hazard Class Codes** is defined as follows:

Code	Item	Regulation
P	Product is included in code because of its pollution hazards	IBC
S	Product is included in code because of its safety hazards	IBC
S/P	Product is included in code because of its safety and pollution hazards	IBC
N.A.	Not Applicable	IBC
A	Cargo which may liquefy	IMSBC
A AND B	Cargoes which may liquefy and with chemical hazards	IMSBC
B	Cargoes with chemical hazards	IMSBC
1	Explosives	IMDG
1.1	Substances and articles which have a mass explosion hazard	IMDG
1.1A	Substances and articles which have a mass explosion hazard, compatibility group A	IMDG
1.1B	Substances and articles which have a mass explosion hazard, compatibility group B	IMDG
1.1C	Substances and articles which have a mass explosion hazard, compatibility group C	IMDG
1.1D	Substances and articles which have a mass explosion hazard, compatibility group D	IMDG
1.1E	Substances and articles which have a mass explosion hazard, compatibility group E	IMDG
1.1F	Substances and articles which have a mass explosion hazard, compatibility group F	IMDG
1.1G	Substances and articles which have a mass explosion hazard, compatibility group G	IMDG
1.1J	Substances and articles which have a mass explosion hazard, compatibility group J	IMDG
1.1L	Substances and articles which have a mass explosion hazard, compatibility group L	IMDG
1.2	Substances and articles which have a projection hazard but not a mass explosion hazard	IMDG
1.2B	Substances and articles which have a projection hazard but not a mass explosion hazard, compatibility group B	IMDG
1.2C	Substances and articles which have a projection hazard but not a mass explosion hazard, compatibility group C	IMDG
1.2D	Substances and articles which have a projection hazard but not a mass explosion hazard, compatibility group D	IMDG
1.2E	Substances and articles which have a projection hazard but not a mass explosion hazard, compatibility group E	IMDG
1.2F	Substances and articles which have a projection hazard but not a mass explosion hazard, compatibility group F	IMDG
1.2G	Substances and articles which have a projection hazard but not a mass explosion hazard, compatibility group G	IMDG

Code	Item	Regulation
1.2H	Substances and articles which have a projection hazard but not a mass explosion hazard, compatibility group H	IMDG
1.2J	Substances and articles which have a projection hazard but not a mass explosion hazard, compatibility group J	IMDG
1.2K	Substances and articles which have a projection hazard but not a mass explosion hazard, compatibility group K	IMDG
1.2L	Substances and articles which have a projection hazard but not a mass explosion hazard, compatibility group L	IMDG
1.3	Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard	IMDG
1.3C	Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard, category C	IMDG
1.3F	Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard, category F	IMDG
1.3G	Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard, category G	IMDG
1.3H	Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard, category H	IMDG
1.3J	Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard, category J	IMDG
1.3K	Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard, category K	IMDG
1.3L	Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard, category L	IMDG
1.4	Substances and articles which present no significant hazard	IMDG
1.4B	Substances and articles which present no significant hazard, compatibility group B	IMDG
1.4C	Substances and articles which present no significant hazard, compatibility group C	IMDG
1.4D	Substances and articles which present no significant hazard, compatibility group D	IMDG
1.4E	Substances and articles which present no significant hazard, compatibility group E	IMDG
1.4F	Substances and articles which present no significant hazard, compatibility group F	IMDG
1.4G	Substances and articles which present no significant hazard, compatibility group G	IMDG
1.4S	Substances and articles which present no significant hazard, compatibility group S	IMDG
1.5	Very insensitive substances which have a mass explosion hazard	IMDG
1.5D	Very insensitive substances which have a mass explosion hazard, compatibility group D	IMDG

Code	Item	Regulation
1.6	Extremely insensitive articles which do not have a mass explosion hazard	IMDG
1.6N	Extremely insensitive articles which do not have a mass explosion hazard compatibility group N	IMDG
2	Gases	IMDG
2.1	Flammable gases	IMDG
2.2	Non-flammable, non-toxic gases	IMDG
2.3	Toxic gases	IMDG
3	Flammable liquids	IMDG
4	Flammable solids; substances liable to spontaneous combustion; substances which, in contact with water, emit flammable gases	IMDG
4.1	Flammable solids, self-reactive substances and desensitized explosives	IMDG
4.2	Substances liable to spontaneous combustion	IMDG
4.3	Substances which, in contact with water, emit flammable gases	IMDG
5	Oxidizing substances and organic peroxides	IMDG
5.1	Oxidizing substances	IMDG
5.2	Organic peroxides	IMDG
6	Toxic and infectious substances	IMDG
6.1	Toxic substances	IMDG
6.2	Infectious substances	IMDG
7	Radioactive material	IMDG
8	Corrosive substances	IMDG
9	Miscellaneous dangerous substances and articles	IMDG

Section 2 Code List for IMO0051 (Dangerous goods marine pollutant type, coded)

The following table lists the code values and description for Dangerous Goods Marine Pollutant Type codes.

Code	Item	Regulation
P	Marine pollutant	IMDG
X	Category X	IBC
Y	Category Y	IBC
Z	Category Z	IBC
O	Other Substances (OS)	IBC

Section 3 Code List for IMO0183 (Waste type, coded)

The following table lists the code values and description for Waste Type codes as needed by MEPC.1/Circ.834/Rev.1. The codes are constructed with the MARPOL Annex number as the first digit, followed by a two-digit serial number. Other is assigned the code 999.

Code	Item
	MARPOL Annex I – related
101	Oily bilge water
102	Oily residues (sludge)
103	Oily tank washings (slops)
104	Dirty ballast water
105	Scale and sludge from tank cleaning
999	Other (please specify)
	MARPOL Annex II – related
201	Category X substance - Indicate the proper shipping name of the NLS involved
202	Category Y substance - Indicate the proper shipping name of the NLS involved
203	Category Z substance - Indicate the proper shipping name of the NLS involved
204	OS - other substances - Indicate the proper shipping name of the NLS involved
	MARPOL Annex IV – related
401	Sewage
	MARPOL Annex V – related
501	A. Plastics
502	B. Food wastes
503	C. Domestic wastes
504	D. Cooking oil
505	E. Incinerator ashes
506	F. Operational wastes
507	G. Animal carcasses
508	H. Fishing gear
509	I. E-waste
510	J. Cargo residues (non-HME) - Indicate the proper shipping name of the dry cargo
511	K. Cargo residues (HME) - Indicate the proper shipping name of the dry cargo
	MARPOL Annex VI – related
601	Ozone-depleting substances and equipment containing such substances
602	Exhaust gas-cleaning residues

Section 4 Code List for IMO0069 (Reason why ship has no valid ISSC or interim ISSC, coded)

The code list to indicate the reason why a ship has no valid ISSC or interim ISSC is based on the ISPS-Code International code for the security of ships and of port facilities (Part A, Section 19 of the Code/MS.C.196(80)).

The codes are listed in the following table:

Code	Item
101	The required intermediate and renewal verifications have not taken place
102	It has not been endorsed following an intermediate verification
103	A new shipping company takes over the operation of the ship
104	The ship changes its flag
105	The certificate is not issued in English, Spanish or French, and there is no translation into one of those languages

Section 5 Code List for IMO0150 (Ship security measures, coded) and IMO0133 (Ship additional security measures, coded)

The code list to represent a description of the security measures taken during ship-to-ship activity by the ship in lieu of the ship security procedures (IMO0150), or taken as special or additional security measures applied in lieu of those in the security plan (IMO0133), is listed in the following:

Code	Description
101	Ensure the performance of all security duties
102	Monitor restricted areas to ensure that only authorized personnel have access
103	Control access to port facility and ships
104	Monitor the port facility, including berthing areas and areas surrounding the ship
105	Handle cargo and unaccompanied baggage
106	Monitor the delivery of ships stores
107	Control the embarkation of persons and their effects
108	Ensure that security communications are readily available between the ship and the port facility

**Section 6 Code List for IMO0149 (Ship security level in a previous port, coded)
and IMO0137 (Ship current security level, coded)**

The code list for the possible ship security levels as described by the ISPS-Code International code for the security of ships and of port facilities (MSC.196(80)), is as follows:

Code	Description
SL1	Security level 1
SL2	Security level 2
SL3	Security level 3

Appendix: Amendments to the previous version of the IMO Compendium (FAL.5/Circ.41)

Change indicator	IMO reference	Data element name	Definition	Format	Code lists	Business rules	Change description	Source
*	IMO0042	Crewmember rank or rating name	The description of the referenced crewmember's rank or rating on the ship.	an..70			Added MDH references in IMO Usage note	EGDH 1/13
*	IMO0043	Crewmember rank or rating, coded	A code representing the referenced crewmember's rank or rating on the ship.	an..5	to be defined		Format from an..3 to an..5 & added MDH reference to IMO User note	EGDH 1/13
*	IMO0044	Person on board sequence number	A number indicating the order of the referenced person in the person on board list.	n..5		BR 09	Definition change & MDH reference added to IMO User note	EGDH 1/13
*	IMO0049	Dangerous goods hazard class, coded	The hazard class code of the referenced dangerous goods according to the specified regulation.	an..7	IMO Compendium Annex 4 section 1		Name and Definition change plus code list reference added	EGDH 1/13
*	IMO0063	Date and time of arrival - actual	The date and time the ship arrives at a specified location, ATA.	an..35		BR 01	Changed definition Added JIT reference in IMO Usage note	EGDH 1/13
*	IMO0064	Date and time of arrival - estimated	The date and time the ship is estimated to arrive at a specified location, ETA.	an..35		BR 01	Changed definition Added JIT reference in IMO Usage note	EGDH 1/13
*	IMO0065	Date and time of departure - actual	The date and time the ship departs from a specified location, ATD.	an..35		BR 01	Changed definition Added JIT reference in IMO Usage note	EGDH 1/13
*	IMO0066	Date and time of departure - estimated	The date and time the ship is estimated to depart from a specified location, ETD.	an..35		BR 01	Changed definition Added JIT reference in IMO Usage note	EGDH 1/13
*	IMO0086	Number of crew	The count of persons actually employed for duties on board during a voyage in the working or service of a ship and included in the crew list.	n..4		BR 03 BR 09	Added MDH reference in IMO Usage note	EGDH 1/13
*	IMO0087	Number of passengers	The count of persons on board the ship who are passengers as defined by SOLAS.	n..4		BR 03 BR 09	Added MDH reference in IMO Usage note	EGDH 1/13
*	IMO0089	Person in transit indicator	A "yes/no" indicator of whether the referenced person is in transit to a foreign country.	n1	yes/no indicator (1=yes, 0=no)		Changed name	EGDH 1/13
*	IMO0091	Person port of embarkation, coded	The code representing the port from which the referenced person embarked the ship.	an5	UN/LOCODE		Changed name and definition & added MDH reference to IMO User note	EGDH 1/13

Change indicator	IMO reference	Data element name	Definition	Format	Code lists	Business rules	Change description	Source
*	IMO0092	Person port of disembarkation, name	The name of the port from which referenced person plans to disembark.	an..256		BR 21	Changed name and definition	EGDH 1/13
*	IMO0093	Person port of disembarkation, coded	The code representing the port from which the referenced person plans to disembark the ship.	an5	UN/LOCODE		Changed name	EGDH 1/13
*	IMO0094	Person port of embarkation, name	The name of the port from which referenced person embarked.	an..256		BR 21	Changed name and definition & added MDH reference to IMO User note	EGDH 1/13
*	IMO0095	Person visa number	The unique number assigned to the referenced person's visa by the issuing nation.	an..70			Changed name	EGDH 1/13
*	IMO0097	Person date of birth	The referenced person's date of birth as shown on the person's identity document.	an..35			Added MDH references in IMO Usage note	EGDH 1/13
*	IMO0098	Person family name	The family name of the referenced person, such as a crewmember or passenger.	an..70			Added MDH references in IMO Usage note (and Master Name)	EGDH 1/13
*	IMO0099	Person gender, coded	A code representing the gender of the referenced person.	an..3	UN/EDIFACT codes (3499)		Changed definition and code list reference updated & MDH reference added to IMO User note	EGDH 1/13
*	IMO0100	Person given name	The given name of the referenced person, such as a crew member or passenger.	an..70			Added MDH references in IMO Usage note (and Master Name)	EGDH 1/13
*	IMO0105	Person nationality, coded	A code representing the nationality of the referenced person as shown on the person's identity or travel document.	a2	ISO 3166-1 alpha-2 code		Added MDH references in IMO Usage note	EGDH 1/13
*	IMO0106	Person place of birth name	The name of the referenced person's place of birth as shown on the person's identity or travel document.	an..35		BR 20	Added MDH references in IMO Usage note	EGDH 1/13
*	IMO0107	Person type, coded	A code representing the type of a person on board the ship, such as master, crew member or passenger.	an..3	UN/EDIFACT codes (3035)		Updated code list reference & MDH reference added to IMO User note	EGDH 1/13
*	IMO0108	Port of arrival, coded	The code representing the port where the ship arrives.	an5	UN/LOCODE		Added JIT & MDH references in IMO Usage note	EGDH 1/13
*	IMO0109	Port of arrival, name	A name and country of the port where the ship arrives.	an..256		BR 21	Added MDH reference in IMO Usage note	EGDH 1/13

Change indicator	IMO reference	Data element name	Definition	Format	Code lists	Business rules	Change description	Source
*	IMO0110	Port of call sequence number	A number indicating the order of a port of call on a list.	n..5		BR 09 BR 12	Added MDH reference in IMO Usage note	EGDH 1/13
*	IMO0125	Previous port facility call end date	The end date of a previous port facility call.	an..35		BR 01 BR 24	Additional BR added & MDH reference added to IMO User note	EGDH 1/13
*	IMO0138	Ship flag state, coded	The code representing the nationality of the ship shown on its IMO ship's certificate.	a2	ISO 3166-1 alpha-2 code		Added MDH references in IMO Usage note	EGDH 1/13
*	IMO0139	Ship gross tonnage	The gross tonnage shown on the ship's International Tonnage Certificate or other document issued by the Flag State or Recognized Organization.	n..14,3		BR 03 BR 09	Added MDH references in IMO Usage note	EGDH 1/13
*	IMO0140	Ship IMO number	The unique ship identification number shown on its IMO ship's certificate.	an..7			Added MDH reference to IMO Usage Note	EGDH 1/13
*	IMO0142	Ship name	The ship's name shown on the IMO ship's certificates.	an..70			Changed definition & added MDH reference to IMO Usage Note	EGDH 1/13
*	IMO0153	Ship stay reference number	Reference number assigned by a port authority to the stay of a ship in the port.	an..35			Added JIT reference	EGDH 1/13
*	IMO0161	Ship-to-ship activity, coded	A code representing the ship-to-ship activity which has been carried out during the period of the last ten calls.	an..3	UN/EDIFACT codes (8025)		Code list reference added	EGDH 1/13
+	IMO0198	Dangerous Goods Regulation, coded	Code specifying a dangerous goods regulatory instrument, such as IMDG, IBC, etc.	an..3	UN/EDIFACT codes (8273)		New data element added	EGDH 1/13
+	IMO0199	Valid Ship Sanitation Control Exemption/Control Certificate, indicator	An indicator of whether the ship has a valid Ship Sanitation Control Exemption or Control Certificate on board.	n1	yes/no indicator (1=yes, 0=no)		New data element for MDH Changed format from an..5 to n1 Code changed to Y/N indicator	EGDH 1/13
+	IMO0200	Port of issue, coded	Location where the Ship Sanitation Control Exemption or Control Certificate was issued.	an5	UN/LOCODEs		Added new data element for MDH	EGDH 1/13
+	IMO0201	Date of issue	Date when the Ship Sanitation Control Exemption or Control Certificate was issued.	an..35		BR01	Added new data element for MDH	EGDH 1/13
+	IMO0202	Reinspection Required Indicator	A yes/no indicator whether reinspection is required.	n1	yes/no indicator (1=yes, 0=no)		New data element for MDH	EGDH 1/13

Change indicator	IMO reference	Data element name	Definition	Format	Code lists	Business rules	Change description	Source
+	IMO0203	Visited Affected Area Indicator	A yes/no indicator whether the ship visited an affected area identified by the World Health Organization.	n1	yes/no indicator (1=yes, 0=no)		Added new data element for MDH	EGDH 1/13
+	IMO0203	Visited affected area indicator	A yes/no indicator whether the ship visited an affected area identified by the World Health Organization.	n1	yes/no indicator (1=yes, 0=no)		New Data Element for MDH	EGDH 1/13
+	IMO0204	Port of call in affected area, coded	Port of call in an affected area as identified by the World Health Organization.	an5	UN/LOCODEs	BR 25	Added new data element for MDH	EGDH 1/13
+	IMO0204	Port of call in affected, coded	Port of call in an affected area as identified by the World Health Organization.		UN/LOCODE	BR 25	New Data Element for MDH	EGDH 1/13
+	IMO0205	Date of call in affected area	Date of the call in an affected area as identified by the World Health Organization.	an..35		BR 01 BR 25	Added new data element for MDH	EGDH 1/13
+	IMO0205	Date of call in affected area	Date of the call in an affected area as identified by the World Health Organization.	an..35		BR 01 BR 25	New Data Element for MDH	EGDH 1/13
+	IMO0206	Person died Indicator	A yes/no indicator whether any person died on board during the international voyage otherwise than as a result of accident.	n1	yes/no indicator (1=yes, 0=no)	BR 26	New Data Element for MDH	EGDH 1/13
+	IMO0207	Disease on board Indicator	A yes/no indicator whether there is, or has been during the international voyage, any case of disease which you suspect to be of an infectious nature.	n1	yes/no indicator (1=yes, 0=no)	BR 26 BR 27	New Data Element for MDH Definition changed	EGDH 1/13
+	IMO0208	Ill persons greater than expected indicator	A yes/no indicator whether the total number of ill passengers during the international voyage has been greater than normal/expected.	n1	yes/no indicator (1=yes, 0=no)		New Data Element for MDH	EGDH 1/13
+	IMO0209	Ill persons now indicator	A yes/no indicator whether there is any ill person on board now.	n1	yes/no indicator (1=yes, 0=no)	BR 26	New Data Element for MDH	EGDH 1/13
+	IMO0210	Medical practitioner consulted indicator	A yes/no indicator whether there is any ill person on board now.	n1	yes/no indicator (1=yes, 0=no)	BR 26	New Data Element for MDH	EGDH 1/13
+	IMO0211	Infection condition on board indicator	A yes/no indicator whether you are aware of any condition on board which may lead to infection or spread of disease.	n1	yes/no indicator (1=yes, 0=no)	BR 26	New Data Element for MDH	EGDH 1/13

Change indicator	IMO reference	Data element name	Definition	Format	Code lists	Business rules	Change description	Source
+	IMO0212	Sanitary measure applied indicator	A yes/no indicator whether any sanitary measure (e.g. quarantine, isolation, disinfection or decontamination) has been applied on board.	n1	yes/no indicator (1=yes, 0=no)		New Data Element for MDH	EGDH 1/13
+	IMO0213	Sanitary measure, text	Description of the sanitary measure applied.	an..256			New Data Element for MDH	EGDH 1/13
+	IMO0214	Sanitary measure, place	Place of applied sanitary measure.	an..256			New Data Element for MDH	EGDH 1/13
+	IMO0215	Sanitary measure, date	Date of applied sanitary measure.	an..35		BR 01	New Data Element for MDH	EGDH 1/13
+	IMO0216	Stowaway found indicator	A yes/no indicator whether any stowaways have been found on board. yes/no indicator whether any sanitary measure (e.g. quarantine, isolation, disinfection or decontamination) has been applied on board.	n1	yes/no indicator (1=yes, 0=no)		New Data Element for MDH	EGDH 1/13
+	IMO0217	Port stowaways joined ship, coded	Port where the stowaways joined the ship (if known).	an5	UN/LOCODE		New Data Element for MDH Added ',coded' to the name	EGDH 1/13
+	IMO0218	Sick animal indicator	A yes/no indicator whether there is a sick animal or pet on board.	n1	yes/no indicator (1=yes, 0=no)		New Data Element for MDH	EGDH 1/13
+	IMO0219	Person embarkation date	Date when the person embarked the ship.	an..35		BR 01	Added new data element for MDH	EGDH 1/13
+	IMO0220	Illness	Nature of illness.	an..256			New Data Element for MDH	EGDH 1/13
+	IMO0221	Symptoms Onset Date	Date of onset of symptoms.	an..35		BR 01	New Data Element for MDH	EGDH 1/13
+	IMO0222	Health Status Reported Indicator	A yes/no indicator that the person health status is reported to a port medical officer/radio medical services.	n1	yes/no indicator (1=yes, 0=no)		New Data Element for MDH	EGDH 1/13
+	IMO0223	Health Status, coded	A code indicating whether the person recovered, is still ill or died.	an..3	Recovered: R Still ill: I Deceased: D		New Data Element for MDH	EGDH 1/13
+	IMO0224	Case Disposition, coded	A code indicating the disposition of the case: person or body still on board, was evacuated, or was buried at sea.	an..3	Still on board: S Evacuated: E Buried at sea: B		New Data Element for MDH	EGDH 1/13
+	IMO0225	Location of evacuation, name	The name of the port or airport to which the person was evacuated.	an..256		BR 28	New Data Element for MDH	EGDH 1/13

Change indicator	IMO reference	Data element name	Definition	Format	Code lists	Business rules	Change description	Source
+	IMO0226	Location of evacuation, coded	The code of the port or airport to which the person was evacuated.	an..5		BR 28	New Data Element for MDH Format changed to an..5	EGDH 1/13
+	IMO0227	Treatment	Drugs, medicines or other treatment given to patient.	an..256			New Data Element for MDH	EGDH 1/13
+	IMO0228	Comments	Comments on the specific case in the Maritime Declaration of Health attachment.	an..256			New Data Element for MDH	EGDH 1/13
+	IMO0229	Anchorage	An area in which ships anchor or may anchor (IHO Hydrgraphic Dictionary S-32).	an..256			Added new data element for JIT	EGDH 1/13
+	IMO0230	Terminal	A number of berths grouped together and provided with facilities for handling cargo (IHO Hydrgraphic Dictionary S-32)	an..256			Added new data element for JIT	EGDH 1/13
+	IMO0231	Pilot Boarding Place	At sea, the meeting place to which the pilot comes out.	an..256			Added new data element for JIT	EGDH 1/13
+	IMO0232	Berth	The space assigned to, or taken up by, a ship when anchored or when lying alongside a quay, wharf, jetty, or other structure.	an..256			Added new data element for JIT	EGDH 1/13
+	IMO0233	Berth Position	The position along the line of a berth, specified by one point (e.g. bollard, manifold or ramp number), allowing the ship to berth in the correct position along the berth.	an..256			Added new data element for JIT	EGDH 1/13
+	IMO0234	Date and time of arrival - requested	The date and time the ship is requested to arrive at a specified location, RTA.	an..35		BR 01	Added new data element for JIT	EGDH 1/13
+	IMO0235	Date and time of arrival - planned	Date and time the ship plans to arrive at a specific location, PTA.	an..35		BR 01	Added new data element for JIT	EGDH 1/13
+	IMO0236	Date and time of departure - requested	The date and time the ship is requested to depart from a specified location, RTD.	an..35		BR 01	Added new data element for JIT	EGDH 1/13
+	IMO0237	Date and time of departure - planned	Date and time the ship plans to depart from a specific location, PTD.	an..35		BR 01	Added new data element for JIT	EGDH 1/13