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FAL.5/Circ.41
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**COMPENDIO REVISADO DE LA OMI SOBRE FACILITACIÓN
Y COMERCIO ELECTRÓNICO**

1 El Comité de facilitación, en su 43º periodo de sesiones (8 a 12 de abril de 2019), aprobó el Compendio revisado de la OMI sobre facilitación y comercio electrónico, el cual figura en el anexo.

2 El Comité recordó que dicho Compendio revisado se refiere a los elementos de datos relacionados con el Convenio de facilitación.

3 El Comité acordó mantener sometido a examen el Compendio y seguir desarrollándolo, incluso ampliándolo a elementos de datos diferentes de los prescritos por el Convenio de facilitación.

4 Se invita a los Gobiernos Miembros a que pongan el Compendio revisado en conocimiento de todas las partes interesadas.

5 Asimismo, se invita a los Gobiernos Miembros, a las organizaciones internacionales y a las organizaciones no gubernamentales que gozan del carácter consultivo a que señalen a la atención del Comité, tan pronto como sea posible, los resultados de la experiencia que hayan adquirido con la utilización del Compendio a fin de poder examinar las medidas que deberán adoptarse.

6 La presente circular revoca la circular FAL.5/Circ.40, publicada el 4 de julio de 2013. Toda referencia a la circular FAL.5/Circ.40 y su corrección deberá leerse como una referencia a la presente circular.

ANEXO

**COMPENDIO REVISADO DE LA OMI SOBRE FACILITACIÓN
Y COMERCIO ELECTRÓNICO**

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Sección 1 Finalidad y utilización

A Finalidad

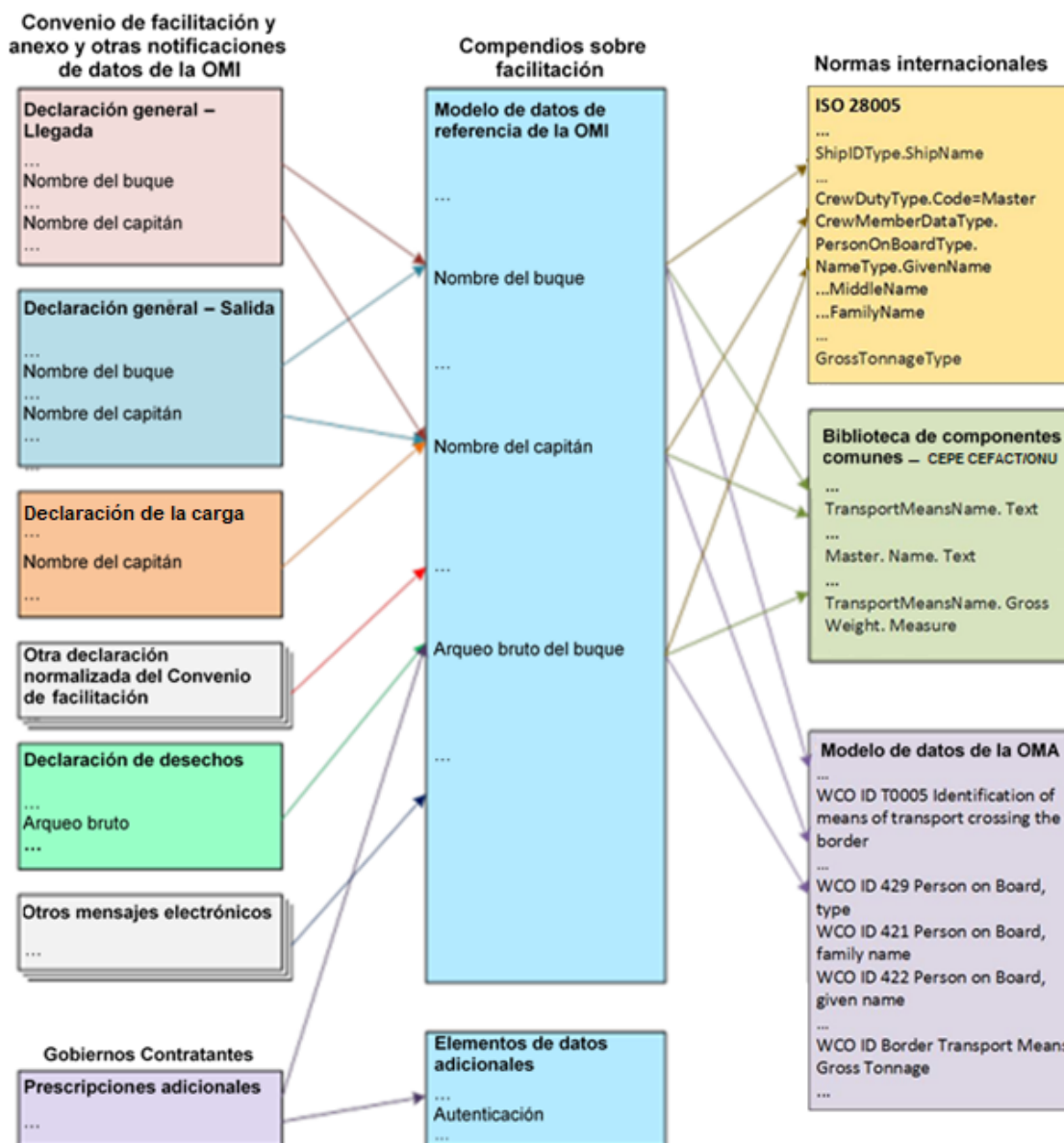
1.1 El Compendio sobre facilitación y comercio electrónico (el Compendio) sirve de manual de referencia a fin de crear y armonizar los sistemas necesarios para respaldar la transmisión, la recepción y la respuesta de la información necesaria para la llegada, la estancia y la salida del buque, las personas y la carga mediante el intercambio electrónico de datos, en concreto, mediante las declaraciones siguientes:

- .1 la declaración general;
- .2 la declaración de carga;
- .3 la declaración de provisiones del buque;
- .4 la declaración de efectos de la tripulación;
- .5 la lista de la tripulación;
- .6 la lista de pasajeros;
- .7 el manifiesto de mercancías peligrosas;
- .8 la información relacionada con la protección, prescrita en la regla XI-2/9.2.2 del Convenio SOLAS; y
- .9 la notificación previa de la entrega de desechos a las instalaciones portuarias de recepción.

1.2 En el Compendio, el Comité de facilitación construye el conjunto de datos de la OMI (véase la sección 2) para determinar todos los elementos de datos relacionados con las prescripciones sobre la notificación de información y el modelo de datos de referencia de la OMI (véase la sección 3) para establecer la estructura jerárquica subyacente de datos utilizada en el intercambio electrónico de datos.

1.3 El conjunto de datos de la OMI, junto con el modelo de datos de referencia de la OMI, fomenta la armonización entre las normas internacionales pertinentes utilizadas para el comercio electrónico de la Organización Mundial de Aduanas (OMA), la Comisión Económica para Europa de las Naciones Unidas (CEPE), la Organización Internacional de Normalización (ISO – Comité técnico 8) y otras organizaciones. La figura 1 ilustra el flujo de la notificación de datos y la interacción de las normas internacionales. La armonización fomenta la implantación del concepto de ventanilla única como prioridad de alto nivel de la Organización y respalda la interoperabilidad entre los sistemas de ventanilla única. Los procesos de ventanilla única mejoran la eficacia del comercio internacional porque simplifican las comunicaciones entre las partes interesadas y crean un entorno de información electrónica que promueve la asunción de responsabilidad, la transparencia y la adopción fundamentada de decisiones.

Figura 1: Relaciones entre el Convenio de facilitación, el Compendio sobre facilitación y las normas internacionales



1.4 El Comité de facilitación normaliza la naturaleza y el alcance de la información que debe presentarse y tramitarse tal como se prescribe en el anexo del Convenio para facilitar el tráfico marítimo internacional, 1965 (el Convenio). El Comité de seguridad marítima (MSC) normaliza la información relacionada con la protección presentada tal como se prescribe en la regla XI-2/9.2.2 del Convenio SOLAS mediante la circular MSC/Circ.1305: "Orientaciones revisadas para los capitanes, las compañías y los funcionarios debidamente autorizados sobre las prescripciones relativas a la presentación de información relacionada con la protección antes de la entrada de un buque en puerto". El Comité de protección del medio marino (MEPC) normaliza la información presentada para la entrega de desechos en puerto mediante el apéndice 2 de la circular MEPC.1/Circ.834/Rev.1, titulado "Formato normalizado del impreso de notificación previa para la entrega de desechos en instalaciones portuarias de recepción".

El Compendio es una herramienta para la transmisión electrónica eficaz de esta información vital de una manera que reduzca al mínimo la carga en los expedidores, las tripulaciones, los agentes, las autoridades portuarias y otras partes interesadas.

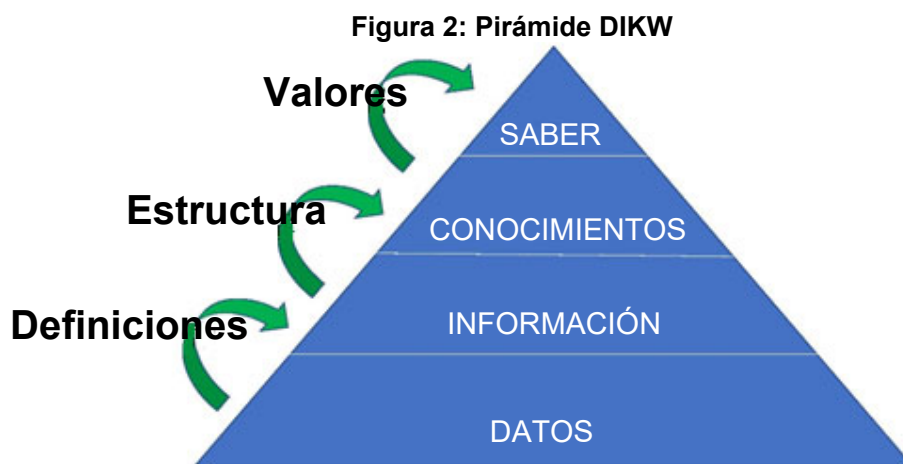
1.5 En los anexos 1 a 3 se expone la representación gráfica del conjunto de datos de la OMI y el modelo de datos de referencia de la OMI de las normas internacionales pertinentes.

1.6 El Compendio no ha de servir de manual de referencia para la transmisión y el procesamiento de la información sobre el buque, las personas y la carga, por medio de facsímil, correo electrónico, ni ningún otro medio al margen de los modelos de datos de las normas comunes utilizados para el comercio electrónico.

B Presentación y recopilación electrónicas de datos

1.7 Para la Organización, el intercambio de datos electrónico es el método preferido de comunicación del anexo del Convenio. En este Compendio se promueve y apoya el intercambio electrónico de datos por medio de modelos de datos normalizados y las directrices para su implantación.

1.8 En la mayoría de los casos, el comercio electrónico presenta ventajas claras y cuantificables frente a los medios en papel. Estas ventajas, reconocidas mundialmente, han creado la necesidad de presentar información electrónicamente en el anexo del Convenio. El valor de conjunto del intercambio electrónico de datos es una parte también importante de la filosofía que promueve este Compendio. En la pirámide Datos-Información-Conocimientos-Saber (DIKW)¹ se demuestra este concepto. En la figura 2 se expone de qué modo los datos presentados a través del intercambio electrónico de datos conducen al saber, definido a los efectos del presente Compendio como la voluntad y capacidad de adoptar las medidas más apropiadas tomando como base aquello que se conoce. Es decir, los datos conducen a que la autoridad portuaria, la Administración o alguna otra organización que reciba esos datos, adopte las decisiones correctas. Este proceso de adopción de decisiones podría relacionarse con una gama de temas que exceden el propósito del Convenio, como la identificación de los buques para los exámenes de supervisión por el Estado rector del puerto, la asignación de recursos, la determinación de las tendencias comerciales y la elaboración de normas públicas.



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

1.9 En la figura 2 se demuestra que la aplicación de definiciones a los datos aporta significados y transforma los datos en información. En la sección 2 de este Compendio figuran definiciones normalizadas de los elementos de los datos que se utilizan en el anexo del Convenio. Del mismo modo, la aplicación de estructuras ofrece relaciones lógicas y transforma la información en conocimientos. En la sección 3 de este Compendio se normaliza la estructura de los elementos de los datos. Por último, los valores transforman los conocimientos en el saber que se utiliza para determinar las medidas más apropiadas que favorezcan los objetivos del receptor de datos.

1.10 Las definiciones comunes promueven la armonización, la ordenación de la información con estructuras comunes promueve la interoperabilidad y la dirección de los conocimientos con valores comunes crea comunidades con objetivos compartidos. Estas comunidades podrían ser organismos de una Administración, colectivos de puertos o grupos regionales e internacionales. La armonización, interoperabilidad y las comunidades son cruciales para los objetivos de la Organización, encaminados a aprovechar al máximo la tecnología, reducir hasta un mínimo la carga de los marinos, promover la implantación de la ventanilla única y ayudar a las partes interesadas a cumplir las normas internacionales.

1.11 Con cualquier sistema de comunicaciones en papel se podrían lograr todos los procesos arriba descritos. No obstante, por su naturaleza, los sistemas de intercambio electrónico de datos son más eficaces, siguen evolucionando y presentan un potencial mucho mayor para oportunidades de facilitación. Mediante este compendio, la Organización busca facilitar el comercio, al ayudar a normalizar los procesos comerciales electrónicos que se utilizan para cumplir las prescripciones de la Organización sobre la presentación de datos, reconociendo al mismo tiempo la responsabilidad del equilibrio entre estas prescripciones y las ventajas que ofrecen.

C *Protección de la información*

1.12 En las notificaciones de los buques es necesario transmitir electrónicamente información sensible, privada y sujeta a derechos de propiedad, entre la que se incluye la ubicación y el destino de los buques, los tipos y volúmenes de carga, los nombres de los pasajeros y datos sobre su identidad, e información referida a la protección. Para personas no autorizadas que deseen llevar a cabo acciones ilegales o perniciosas, este tipo de información podría proporcionar datos confidenciales valiosos.

1.13 Las compañías, las tripulaciones de los buques, los agentes y los oficiales portuarios y de las Administraciones comparten la responsabilidad de proteger la información que se notifica sobre los buques descrita en este Compendio. Todas las personas que trabajan en la transmisión, recepción, respuesta, almacenamiento, análisis y protección de la información que se notifica sobre los buques deberían dominar las técnicas y prescripciones referidas a la protección de la información y la gestión de los riesgos cibernéticos, entre otros, en:

- .1 la legislación y reglamentos nacionales;
- .2 el Convenio internacional para la seguridad de la vida humana en el mar, enmendado;
- .3 el Código internacional para la protección de los buques y de las instalaciones portuarias;
- .4 la circular MSC-FAL.1/Circ.1 de la OMI, titulada "Protección y facilitación del comercio internacional";

- .5 la circular MSC-FAL.1/Circ.3 de la OMI, titulada "Directrices sobre la gestión de los riesgos cibernéticos marítimos", y
- .6 las normas nacionales e internacionales del sector aceptadas sobre protección de la información.²

Sección 2 La serie de datos de la OMI

A Elementos de datos normalizados de la OMI

2.1 En el cuadro 1 figuran las definiciones de la Organización para los elementos de datos contenidos en la serie de datos de la OMI. La Organización documenta estas definiciones en el presente Compendio para fomentar la armonización entre distintos modelos de datos y para contribuir a garantizar que la transmisión, recepción y difusión de los datos intercambiados por vía electrónica se efectúan con exactitud. Se asigna un identificador único a cada elemento de dato con fines de referencia. Asimismo, en el cuadro 1 se muestra la correlación entre cada elemento de dato y las casillas pertinentes de cada antiguo formulario en papel utilizados para consignar la información indicada en el párrafo 1.1.4. Las casillas se identifican por el número que figura en el formulario correspondiente.

2.2 La representación de los antiguos formularios en papel en un entorno de intercambio electrónico de datos requiere varias decisiones para incluir y utilizar los datos de la forma más eficaz posible, por ejemplo, en los antiguos formularios en papel, que se habían concebido para cumplimentarse manualmente, a menudo se consignan varios elementos de datos en una única casilla, tales como las numerosas características o marcas de una carga particular. En un entorno electrónico, los elementos de los datos se distinguen entre sí. Asimismo, los formularios en papel no permiten tampoco utilizar atributos para distinguir entre tipos distintos de datos semejantes. Por ejemplo, se pueden aplicar varios atributos a una persona: agente, miembro de la tripulación, oficial de protección o pasajero. Igualmente, en lo que respecta a los datos que se repiten, tales como el número IMO, nombre del buque, tipo de buque y hora y fecha de llegada, estos pueden archivar y repetirse en el intercambio electrónico de datos, mientras que en un formulario en papel deben volver a consignarse en cada caso.

2.3 La serie de datos de la OMI incluye varios elementos de datos que no figuran en los antiguos formularios en papel, pero que son necesarios para el intercambio electrónico de datos, tales como el membrete de encabezamiento con la fecha-hora del mensaje, identificadores únicos, y otros elementos que deben figurar para las exigencias del seguimiento de los mensajes y de las comunicaciones entre máquinas.

B Utilización de la serie de datos de la OMI

2.4 La columna *Change indicator* (Indicador de modificación) muestra el estado del elemento de dato en la fila en cuestión, para que se puedan seguir las modificaciones introducidas, por fecha, en la serie de datos. A continuación figuran los significados de los indicadores de modificación:

- .1 el signo *plus* (+) significa que se han añadido elementos de datos a la serie de datos desde la edición más reciente;

² Como el Marco normativo SAFE de la Organización Mundial de Aduanas y la serie 28000 de normas de la Organización Internacional de Normalización.

- .2 el signo *menos* (-) significa que se han suprimido elementos de datos de la serie de datos desde la edición más reciente; y
- .3 el signo *asterisco* (*) significa que se han introducido cambios en un elemento de datos desde la edición más reciente.

2.5 La columna *Data number* (Número de dato) muestra el número único asignado a cada elemento de dato, para facilitar su consulta. El prefijo "IMO" sirve para identificar la fuente del elemento de dato y diferenciarlo de otros modelos de datos.

2.6 La columna *Data element* (Elemento de dato) contiene el nombre normalizado de cada elemento de dato.

2.7 La columna *Definition* (Definición) contiene la definición normalizada de cada elemento de dato. Cabe señalar que estas definiciones tienen por objeto responder a consideraciones de carácter técnico. Por lo tanto, algunas definiciones en lugar de la definición tradicional remiten al emplazamiento de un dato a fin de permitir que el diseñador del sistema o del programa informático pueda determinar las exigencias específicas de su formato.

2.8 Las columnas *Correlation to IMO Standard Reporting* (Correlación con los formularios normalizados de notificación de la OMI) indican las casillas de las versiones de los formularios FAL en papel a las que corresponde cada elemento de dato, indicando el número de la casilla u otra referencia. Una "X" en esta columna indica un elemento de dato que no se ha descrito en el anexo del Convenio u otras fuentes, pero que se utiliza comúnmente en el intercambio electrónico de datos. Las casillas sombreadas en gris oscuro identifican un elemento de dato necesario para transmitir mensajes electrónicos, pero que no se utilizan en las versiones convencionales en papel de los formularios FAL. Las casillas grises claras identifican un elemento de dato que no se ha incluido en la estructura de datos que se muestra en la sección 3 del presente Compendio, porque dichos elementos se derivan de una combinación de otros elementos de datos.

2.9 La columna *Format* (Formato) muestra el formato que debe tener cada elemento de dato a efectos del intercambio electrónico de datos.

2.10 A continuación figuran los significados de los indicadores de formato:

- a caracteres alfabéticos
- n caracteres numéricos
- an caracteres alfanuméricos
- a3 3 caracteres alfabéticos, longitud fija
- n3 3 caracteres numéricos, longitud fija
- an3 tres caracteres alfanuméricos, longitud fija
- a..3 3 caracteres alfabéticos como máximo
- n..3 3 caracteres numéricos como máximo
- an..3 3 caracteres alfanuméricos como máximo

n..11,3 11 caracteres numéricos como máximo, de los cuales tres decimales detrás del separador.

Ejemplos de un tipo de valor n..11, 3:

12345678.123 (Válido)

123456789.123 (Inválido, debido a un número excesivo de dígitos delante del separador decimal y a un exceso del número de dígitos en total)

12345678.1234 (Inválido, debido a un número excesivo de dígitos detrás del separador decimal y a un exceso del número de dígitos en total)

Los campos numéricos deberían entrañar o bien un número entero o bien un número decimal. Solo se permite el punto decimal "." (utilizado en inglés) y no se permite ningún otro símbolo como separador decimal. La escritura decimal (que utiliza el separador mencionado) debería utilizarse únicamente para indicar las precisiones exigidas. No deberían utilizarse separadores de centenas o de millares, tales como la coma.

2.11 La columna *Code Lists* (Listas de códigos) remite a la fuente de los códigos normalizados específicos que se aplican al elemento de dato consignado en dicha fila. Por ejemplo, la norma ISO 3166-1 titulada "Códigos para la representación de los nombres de países y de sus subdivisiones", contiene la lista acordada universalmente de los códigos de los países representados por un código de dos caracteres. En algunos casos, en las casillas de esta columna se indica "To be defined" (pendiente de definición) para identificar una lista de códigos normalizados cuya utilización se prevé en el futuro.

2.12 La columna *Business Rule* (Regla operacional) remite a las reglas operaciones que se describen en la sección 4 del presente compendio y que corresponden a los procedimientos que se recomienda seguir para ajustarse a formatos de elementos de datos específicos.

2.13 Pueden consultarse las recomendaciones de CEPE-Naciones Unidas relativas a la facilitación del comercio haciendo clic en el siguiente enlace https://www.unece.org/cefact/recommendations/rec_index.html.

Cuadro 1: Elementos de datos de la OMI³

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.834/Rev.1)				
	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		
	IMO0008	Agent landline number	The landline telephone number for the referenced agent at port.	8							16	5		an..50		

³ Por razones técnicas y en aras de la coherencia, el cuadro se publica en inglés solamente. Para las descripciones de los títulos de las columnas, véanse los párrafos 2.4 a 2.13.

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.834/Rev.1)				
	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	
	IMO0014	Authentication date	The date of authentication.	23	10	12	9	18	19	16.1	6.5	Page 2		an..35		
	IMO0015	Authenticator location	The location of the person when submitting the security-related information.								6.4			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		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.834/Rev.1)			
	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	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		
	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
	IMO0025	Cargo item HS code	The standardized, international commodity code from the Harmonized Commodity Description and Coding System		7								an..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.834/Rev.1)			
			(HS) for the packaged cargo being reported.												
	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	
	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		

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.834/Rev.1)				
	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		
	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						an..70		
	IMO0043	Crewmember rank or rating, coded	A code representing the referenced crewmember's rank or rating on the ship.				6	9						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.834/Rev.1)			
	IMO0044	Person on board sequence number	A number indicating the order of the referenced person in a list.					6					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.										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.	
	IMO0048	Dangerous goods flashpoint	The flashpoint of the referenced dangerous goods according to the IMO IMDG Code expressed in degrees Celsius or Fahrenheit.										n..8,2		BR 03 BR 09 BR 18
	IMO0049	Dangerous goods IMO hazard class	The class of the referenced dangerous goods from the IMO Hazard Class.										an..7		

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.834/Rev.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
	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								9			an..256		

				Correlation to IMO Standard Forms											
Change Indicator	Data Number	Data Element	Definition	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.834/Rev.1)	Format	Code lists	Business rules
			Annex I to the MARPOL Convention.												
	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	
	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

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.834/Rev.1)			
	IMO0063	Date and time of arrival - actual	The date and time the ship arrives at the port of arrival.	3		3		3	3		2.2	2.2	an..35		BR 01
	IMO0064	Date and time of arrival - estimated	The date and time the ship is estimated to arrive at the port of arrival.	3		3		3	3		2.2	2.2	an..35		BR 01
	IMO0065	Date and time of departure - actual	The date and time the ship departs from the port of departure.	3		3		3	3			2.3	an..35		BR 01
	IMO0066	Date and time of departure - estimated	The date and time the ship is estimated to depart from the port of departure.	3		3		3	3			2.3	an..35		BR 01
	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

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.834/Rev.1)				
	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		
	IMO0075	Last port of call name	The name and country of the port immediately previous to the port of arrival.	6		5		5						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						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		3 Page 2	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									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.834/Rev.1)			
	IMO0084	Next port of call, coded	The port immediately subsequent to the port of departure.	6		5						2.5	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	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									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									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
	IMO0089	Passenger 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	Passenger port of embarkation, coded	The code representing the port from which the referenced person embarked the ship.						15				an5	UN/LOCODE	
	IMO0092	Passenger port of	The name of the port from which referenced passenger plans to disembark.						17				an..256		BR 21

				Correlation to IMO Standard Forms											
Change Indicator	Data Number	Data Element	Definition	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.834/Rev.1)	Format	Code lists	Business rules
		disembarkation, name													
	IMO0093	Passenger port of disembarkation, coded	The code representing the port from which the referenced person plans to disembark the ship.						17				an5	UN/LOCODE	
	IMO0094	Passenger port of embarkation, name	The name of the port from which referenced passenger embarked.						15				an..256		BR 21
	IMO0095	Passenger 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				an..35		
	IMO0098	Person family name	The family name of the referenced person, such as a crewmember or passenger.				4	7	5				an..70		
	IMO0099	Person gender, coded	A code representing the gender of the referenced passenger.					13	10				an..3	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.834/Rev.1)			
	IMO0100	Person given name	The given name of the referenced person, such as a crew member or passenger.				5	8	6				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
	IMO0105	Person nationality, coded	A code representing the nationality of the referenced person as shown on the					10	7				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.834/Rev.1)			
			person's identity or travel document.												
	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				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				an..3	EDIFACT codes (3035)	
	IMO0108	Port of arrival, coded	The code representing the port where the ship arrives.	2		2		2	2		2.1	Title	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	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		n..5		BR 09 BR 12
	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

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.834/Rev.1)			
	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	
	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	The code representing the next port where the ship plans to deliver waste of any type.									2.8	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.834/Rev.1)			
		delivery, coded													
	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
	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		an..35		
	IMO0126	Previous port of call, name	The name and country of a previous port of call.	11								3.3	an..256		BR 21
	IMO0127	Previous port of call, coded	A code representing a previous port of call.	11								3.3	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.834/Rev.1)			
	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	an..3	EDIFACT codes (3035)	
	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		
	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		

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.834/Rev.1)			
	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	a2	ISO 3166-1 alpha-2 code	
	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	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	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 certificate.	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	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.834/Rev.1)			
	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		
	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	

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.834/Rev.1)				
	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	
	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		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 onboard, text	A description of the location on the ship of the referenced stores article.			10								an..256		
	IMO0158	Ship stores quantity onboard	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.834/Rev.1)			
	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 10 calls.								3.4		an..3	To be defined	
	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 10 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 10 calls.								3.4		an..35		
	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 10 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 10 calls.								3.4		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.834/Rev.1)			
	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 10 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 10 calls.								3.4		an5	UN/LOCODE	BR 08
	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									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.834/Rev.1)			
	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
	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	

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.834/Rev.1)				
	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. NLR TM-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	
	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. NLR TM-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		

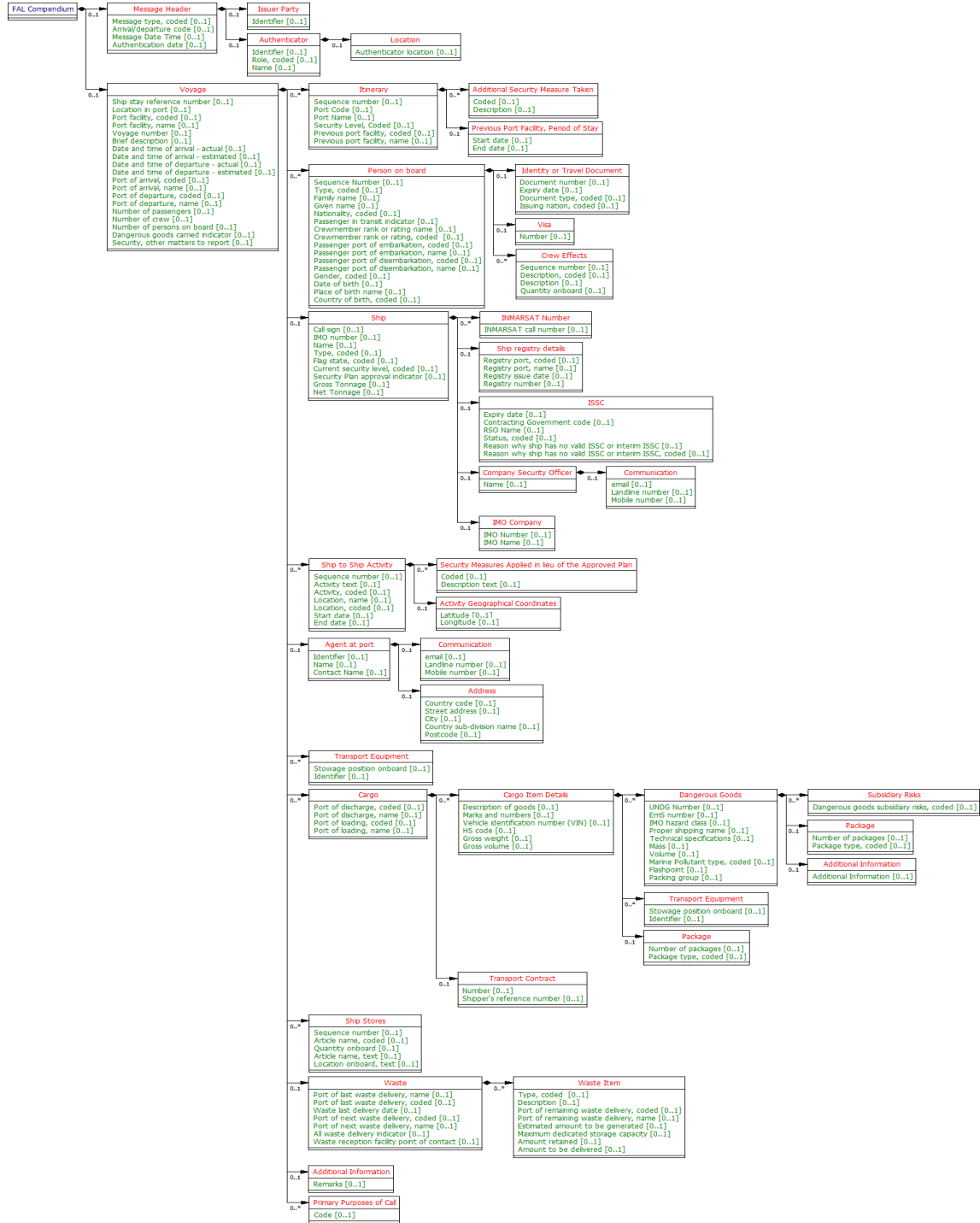
Change Indicator	Data Number	Data Element	Definition	Correlation to IMO Standard Forms									Format	Code lists	Business rules
				General Declaration	Cargo Declaration	Ships Stores Declaration	Crew's Effects Declaration	Crew List	Passenger List	Dangerous Goods Manifest	Security Report	Waste Delivery in Port (MEPC.1/Circ.834/Rev.1)			
	IMO0192	Message type, coded	Code specifying the name of a message type.										an..3	EDIFACT codes (1001)	
	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 10 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 10 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		

Sección 3 Modelo de datos de referencia de la OMI

A *Estructura de datos*

3.1 La estructura de los elementos de datos normalizados y las relaciones entre ellos se muestran de manera esquemática en la figura 3. Cabe observar que el nombre de la clase (en rojo) y el nombre del atributo (en verde) combinados proporcionan el nombre que hay que utilizar con los datos en el cuadro 1.

Figura 3: Serie de datos de la OMI – organigrama de clases UML⁴



⁴ Por razones técnicas y en aras de la coherencia, la figura se publica en inglés solamente.

B Nombres operacionales de la estructura de datos

3.2 El informe resumido de la estructura del modelo de datos se muestra en el cuadro 2.

Cuadro 2: Informe de la estructura de los datos⁵

Occurrence	Components	Reference	Comment
0 .. 1	Message Header		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		Issuer Party
0 .. 1	—Message sender identifier		IMO0082
0 .. 1	Authenticator		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		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	—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 .. unbounded	Itinerary		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		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		Previous Port Facility, Period of Stay
0 .. 1	—Previous port facility call start date		IMO0124
0 .. 1	—Previous port facility call end date		IMO0125
0 .. unbounded	Person on board		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

⁵ Por razones técnicas y en aras de la coherencia, el cuadro se publica en inglés solamente.

Occurrence	Components	Reference	Comment
0 .. 1	Person nationality, coded		IMO0105
0 .. 1	Passenger in transit indicator		IMO0089
0 .. 1	Crewmember rank or rating name		IMO0042
0 .. 1	Crewmember rank or rating, coded		IMO0043
0 .. 1	Passenger port of embarkation, coded		IMO0091
0 .. 1	Passenger port of embarkation, name		IMO0094
0 .. 1	Passenger port of disembarkation, coded		IMO0093
0 .. 1	Passenger 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		Identity or Travel Document
0 .. 1	Person identity document number		IMO0103
0 .. 1	Person identification or travel document expiry date		IMO0101
0 .. 1	Person identity document type, coded		IMO0104
0 .. 1	Person identify document issuing nation, coded		IMO0102
0 .. 1	Visa		Visa
0 .. 1	Passenger visa number		IMO0095
0 .. unbounded	Crew Effects		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		Ship
0 .. 1	Ship call sign		IMO0136
0 .. 1	Ship IMO number		IMO0140
0 .. 1	Ship name		IMO0142
0 .. 1	Ship type		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		INMARSAT Number
0 .. 1	Ship INMARSAT call number		IMO0141
0 .. 1	Ship registry details		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		ISSC
0 .. 1	ISSC expiry date		IMO0071
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	Company Security Officer		Company Security Officer
0 .. 1	Company security officer name		IMO0036
0 .. 1	Communication		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		IMO Company
0 .. 1	Company IMO number		IMO0031
0 .. 1	Company IMO name		IMO0032

Occurrence	Components	Reference	Comment
0 .. unbounded	Ship to Ship Activity		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		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		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		Agent at port
0 .. 1	—Agent identification number		IMO0007
0 .. 1	—Agent name		IMO0010
0 .. 1	—Agent Contact Name		IMO0002
0 .. 1	Communication		Communication
0 .. 1	—Agent email		IMO0006
0 .. 1	—Agent landline number		IMO0008
0 .. 1	—Agent mobile number		IMO0009
0 .. 1	Address		Address
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 country code		IMO0003
0 .. 1	—Agent postcode		IMO0011
0 .. unbounded	Transport Equipment		Transport Equipment
0 .. 1	—Stowage position onboard		IMO0045
0 .. 1	—Transport equipment identification number		IMO0021
0 .. unbounded	Cargo		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		Cargo Item Details
0 .. 1	—Cargo item description of goods		IMO0022
0 .. 1	—Cargo item marks and numbers		IMO0026
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		Dangerous Goods
0 .. 1	—Dangerous goods UNDG number		IMO0060
0 .. 1	—Dangerous goods EmS number		IMO0047
0 .. 1	—Dangerous goods IMO hazard class		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 IMDG type, coded		IMO0051
0 .. 1	—Dangerous goods flashpoint		IMO0048
0 .. 1	—Dangerous goods packing group		IMO0054

Occurrence	Components	Reference	Comment
0 .. unbounded	Subsidiary Risks		Subsidiary Risks
0 .. 1	— <i>Dangerous goods subsidiary risks, coded</i>		IMO0058
0 .. 1	Package		Package
0 .. 1	— <i>Dangerous goods number of packages</i>		IMO0053
0 .. 1	— <i>Dangerous goods package type, coded</i>		IMO0187
0 .. 1	Additional Information		Additional Information
0 .. 1	— <i>Dangerous goods additional information</i>		IMO0186
0 .. unbounded	Transport Equipment		Transport Equipment
0 .. 1	— <i>Stowage position onboard</i>		IMO0045
0 .. 1	— <i>Transport equipment identification number</i>		IMO0021
0 .. 1	Package		Package
0 .. 1	— <i>Cargo item number of packages</i>		IMO0028
0 .. 1	— <i>Cargo item package type, coded</i>		IMO0029
0 .. 1	Transport Contract		Transport Contract
0 .. 1	— <i>Transport contract number</i>		IMO0170
0 .. 1	— <i>Dangerous goods shipper's reference number</i>		IMO0056
0 .. unbounded	Ship Stores		Ship Stores
0 .. 1	— <i>Ship stores sequence number</i>		IMO0159
0 .. 1	— <i>Ship stores article name, coded</i>		IMO0155
0 .. 1	— <i>Ship stores quantity onboard</i>		IMO0158
0 .. 1	— <i>Ship stores article name, text</i>		IMO0154
0 .. 1	— <i>Ship stores location onboard, text</i>		IMO0156
0 .. 1	Waste		Waste
0 .. 1	— <i>Port of last waste delivery, name</i>		IMO0115
0 .. 1	— <i>Port of last waste delivery, coded</i>		IMO0116
0 .. 1	— <i>Waste last delivery date</i>		IMO0179
0 .. 1	— <i>Port of next waste delivery, coded</i>		IMO0120
0 .. 1	— <i>Port of next waste delivery, name</i>		IMO0119
0 .. 1	— <i>All waste delivery indicator</i>		IMO0178
0 .. 1	— <i>Waste reception facility point of contact</i>		IMO0181
0 .. unbounded	Waste Item		Waste Item
0 .. 1	— <i>Waste type, coded</i>		IMO0183
0 .. 1	— <i>Waste description</i>		IMO0190
0 .. 1	— <i>Port of remaining waste delivery, coded</i>		IMO0121
0 .. 1	— <i>Port of remaining waste delivery, name</i>		IMO0122
0 .. 1	— <i>Waste estimated amount to be generated</i>		IMO0173
0 .. 1	— <i>Waste maximum dedicated storage capacity</i>		IMO0180
0 .. 1	— <i>Waste amount retained</i>		IMO0175
0 .. 1	— <i>Waste amount to be delivered</i>		IMO0174
0 .. 1	Additional Information		Additional Information
0 .. 1	— <i>Remarks</i>		IMO0196
0 .. unbounded	Primary Purposes of Call		Primary Purposes of Call
0 .. 1	— <i>Primary purpose of call, coded</i>		IMO0172

Sección 4 Reglas operacionales para la implementación

A Reglas operacionales

4.1 Las reglas operacionales que se utilizarán con los elementos de datos de la OMI se enumeran en el cuadro 3.

Cuadro 3: Reglas operacionales⁶

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
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
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

⁶ Por razones técnicas y en aras de la coherencia, el cuadro se publica en inglés solamente.

BR No.	Description of the business rules	Used in IMO data element
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

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.).</p> <p>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> <p>1) Containership – 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.</p> <p>2) Container feeder – Code "F": A string of digits in the form HHTTTRR 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.</p> <p>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.</p> <p>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).</p> <p>5) Bulk vessel, including tankers – Code "B": The tank or hold number as numeral or other coding as used on board.</p> <p>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</p> <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) <p>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).</p>	IMO0045
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 No.	Description of the business rules	Used in IMO data element
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 needs 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
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

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Anexo 1: Representación gráfica de datos de la Organización Mundial de Aduanas (OMA)

(Pendiente de elaboración)

Anexo 2: Representación gráfica de datos de la Comisión Económica para Europa de las Naciones Unidas (CEPE-Naciones Unidas)

(Pendiente de elaboración)

Anexo 3: Representación gráfica de datos de la Organización Internacional de Normalización

(Pendiente de elaboración)
