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IMO FAL Revision

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IMO FAL Compendium ?

"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 through electronic data exchange as required in the Annex to the Convention."

Scope:

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

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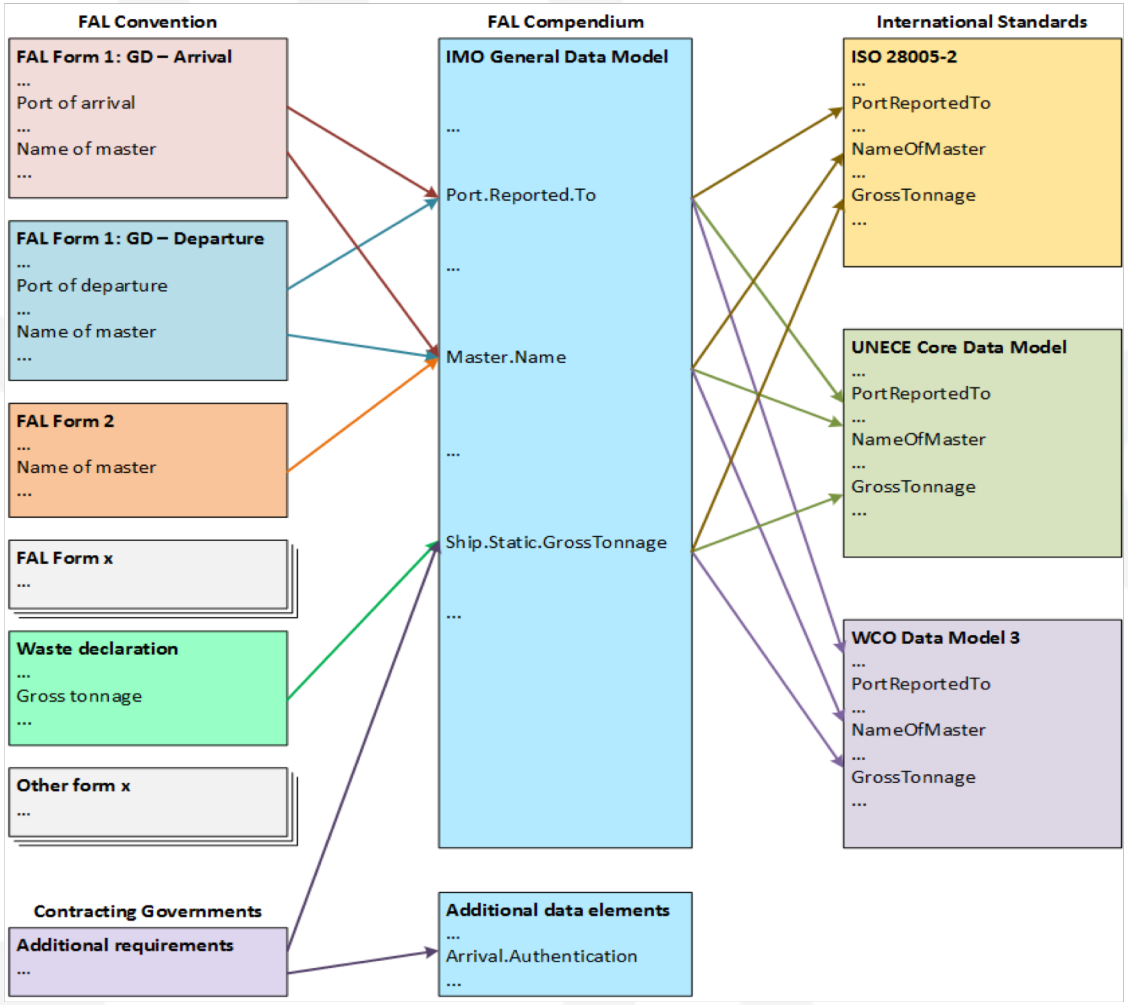
IMO FAL Compendium revision (1)

Relationships between FAL Convention, FAL Compendium and international standards



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IMO FAL Compendium revision (2)

- IMO FAL Compendium Revision under the umbrella of the WCO, via a “DMPT Focus Group”
- next to IMO, representation from Standardization Bodies (WCO, ISO, UN/CEFACT) and advising members from IPCSA, PROTECT-group, EC/EMSA, and Maritime administrations from Sweden & Norway.
- main goal :
  - to bring the electronic reporting of FAL-required information into the 21st century…
  - compose and provide an ‘independent’ Reference Model instead of the current digitized representation of paper-based forms

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Steps taken…

IMO Compendium revision - documented

DRAFT REVISED IMO COMPENDIUM ON FACILITATION AND ELETRONIC BUSINESS

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Steps taken…

IMO Data Set: more than 190 FAL Data Elements are defined and updated harmonised definitions

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			
	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		
	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..512		
	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		

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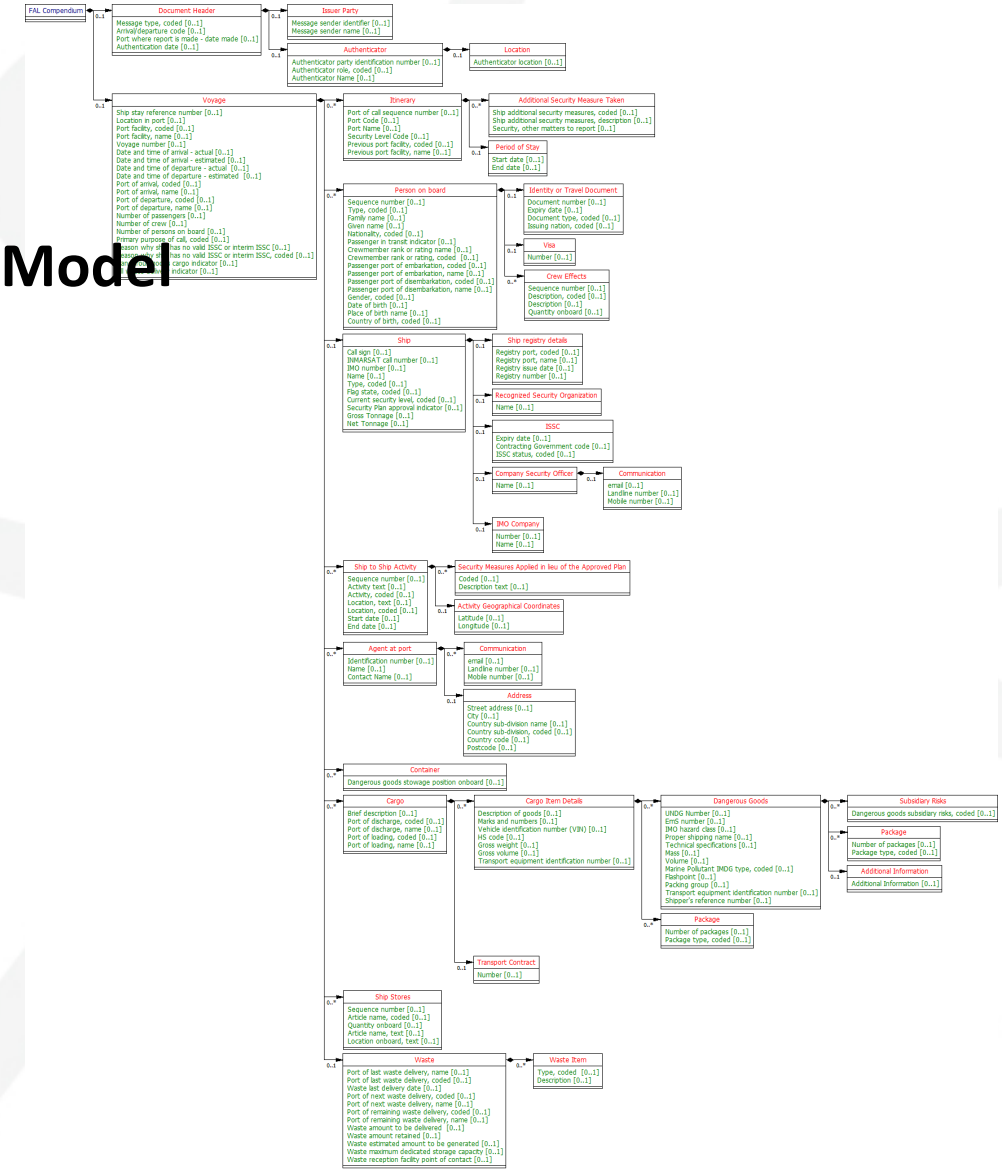
Steps taken…

Defined the

IMO Reference Model

Data Structure



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Steps taken…

Defined the

IMO Reference Model

Business Names

Table 2 Data structure report[5]

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
	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

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Steps taken…

Defined

Business rules

Table 3 Business rules

BR No.	Description of the BR	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
BR 08	The ship-to-ship activity's location may be either LOCODE	IMO0164

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Timeline

- Working group started about 2 years ago
- an Intermediate report was approved in FAL 42 (June 2018)
- the Final Report is issued for approval in FAL 43 (April 2019)

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IMO FAL Compendium

- Guidelines used in the revision:
  - Reporting once principle
  - Supporting “data on ships reporting”, not only looking into reporting documents
    - combining ‘FAL form’-declarations in 1 single or multiple messages instead of issuing one message at a time (referencing 1 form)
    - introduced a unique number ‘Stay Reference’ for Port reporting, supporting the data models of the Standard bodies

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Next steps…

- Mapping from the IMO Reference Model to the Standards data models from UN/CEFACT & WCO & ISO 28005 schema from TC8
- UN/CEFACT mappings – project initiated within T&L Domain
  - mapping to UN/EDIFACT CCL
  - extending MMT
    (with a.o. DGN-details and waste disposals)
- Future maintenance of the Compendium

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