

Content of Maritime Service Portfolio #5 (MSP5) (provision of Maritime Safety Information) draft

					MESSAGE ELEMENTS								PORT		COASTAL		OPEN SEA	OFFSHORE	POLAR		REMOTE	REFERENCE	INTERNATIONAL ORGANIZATION									
Type	CATEGORY	ATTRIBUTES	ATTRIBUTE DETAILS	DATA FORMAT (Data to be available electronically)	Message Series Identifier	1	2	3	4	5	6	7	8	Sub-Areas --	Major Ports	Local Ports	Coastal Waters	Fairways Waters	Open Sea Waters	Offshore Waters	Polar Areas			≤ 75° North	> 75° North	Other Remote Areas	DATE TO BE AVAILABLE ELECTRONICALLY					
NW	Changes to lights, fog signals, buoy and other aids to navigation affecting main shipping lanes	Lighthouses, Beacons, Light vessels	Link (Reported)																													
			Light Unreliable (Reported)																													
	The presence of dangerous wrecks in or near main shipping lanes and, if relevant, their marking	Dangerous wreck	Wreck (Reported) (Area)	Wreck (Reported) (Area)																												
				Wreck (Position) Located																												
				Length of tow (important information but difficult to communicate otherwise than through VHF or AIS-SRM)																												
				Reported (last known position/area)																												
				Drifting hazards, derelict vessels, ice, mines, containers, other large items, etc.)																												
				SAR Operations, Antipollution Operations																												
				SAR Operation (area)																												
				Antipollution Operations (area)																												
				Description of the hazards - Newly discovered rocks, shoals, reefs, wrecks																												
				Reported (Description position/area)																												
				change of established routes, suspension of established routes																												
				Situation too complex to translate in a digital format - VTS broadcast																												
				Cable laying, scientific operations																												
Description Position/Area of the restriction																																
Establishment of research or scientific instruments in or near shipping lanes																																
Mark the hazard (position/area)																																
Establishment of offshore structures in or near shipping lanes																																
Mark the structure (position/area)																																
Significant malfunctioning of radio-navigation services and shore-based maritime safety information radio or satellite																																
Integrity should be addressed by manufacturer? Unreliability																																
Special operations: Naval exercises, missile firings, space missions, dumping zones, nuclear tests, etc.																																
Mark the operation (position/area)																																
Piracy, armed robbery against ships																																
Description of Area (motive)																																
Tsunamis and other natural phenomena, such as abnormal changes to sea level																																
Area (motive)																																
World Health Organization (WHO) health advisory information																																
Area (motive)																																
Maritime security level information																																
Security Area with specification																																
communications														example:	vhf	vhf	navtex	navtex	navtex - sat?	navtex - sat?												
MW	Meteorological Warnings	Storm	Area description																													
			Area description																													
			Area description																													
			Link to source																													
			Link to source																													
			Type of hazard force: Extent of affected area; direction and speed of movement of disturbance; location; date time																													
			From sensor - Text																													
			Text																													
From sensor - Text																																
From sensor - Text																																
communications														example:	vhf	vhf	navtex	navtex	navtex - sat?	navtex - sat?												
Other urgent safety information																																
to be developed																																

1- Please review the content of "attributes" and "attribute details" in order to verify if there are missing or redundant items from the point of view of your organization.  
 2- Please verify if the structure and names of the columns fit the needs of your organization.  
 3- At this stage, the purpose is not to fill out the matrix, but only to agree on the structure and attributes.

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IMO, WMO

4 - The line "communications" refers to the delivery method for Navigation Warnings (NW) and Meteorological Warnings (MW).  
5- The navigational area division is based on IMO NAV59-6.