

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

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Type	CATEGORY	ATTRIBUTES	ATTRIBUTE DETAILS	DATA FORMAT (Data to be available electronically)	Message Series Identifier	General area	Locality	Chart number	Key subject	Geographical position	Amplifying remarks	Cancellation details	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 DATA TO BE AVAILABLE ELECTRONICALLY				
NW	Changes to lights, fog signals, bouys and other aids to navigation affecting main shipping lanes	Lighthouses, Beacons, Light vessels	Unit (Reported)																									
			Light Unreliable (Reported)																									
			Racon Inoperative																									
			Changed characteristics																									
			Moved to position																									
			Re-established																									
			New or change of ATON																									
		Buoy, Lanbys, Superbuoys	Temporarily removed																									
			Permanently discontinued																									
			Unit (Reported)																									
			Light Unreliable (Reported)																									
			Off position (Reported)																									
			Missing																									
			Moved																									
			Permanently discontinued																									
	The presence of dangerous wrecks in or near main shipping lanes and, if relevant, their marking	Dangerous wreck	Temporarily removed																									
			New or change of ATON																									
	Presence of large unwieldy tows in congested waters	Large unwieldy tows	Re-established																									
			Wreck (Reported) (Area)																									
			Wreck (Position) Located																									
			Length of tow (important information but difficult to communicate otherwise than through VHF or AIS-SRM)																									
			Drifting hazards (including derelict vessels, ice, mines, containers, other large items, etc.)	Drifting hazards, derelict vessels, ice, mines, containers, large items	Reported (last known position/area)																							
			Areas where search and rescue (SAR) and anti-pollution operations are being carried out (for avoidance of such areas)	SAR Operations, Antipollution Operations	SAR Operation (area)																							
					Antipollution Operations (area)																							
			New hazards	Description of the hazards - Newly discovered rocks, shoals, reefs, wrecks	change of established routes, suspension of established routes																							
Cable laying, seismic survey, underwater operations, scientific operations					Reported (Description position/area)																							
Unexpected alteration or suspension of established routes			Cable or pipe-laying activities, the towing of large submerged objects for research or exploration	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)																										
	Malfunction of radio or satellite navigation service	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)																										
	Acts of piracy and armed robbery against ships	Piracy, armed robbery against ships		Description of Area (motive)																								
	Tsunamis and other natural phenomena, such as abnormal changes to sea level	Tsunami, orkan, tornado, abnormal change in sea level		Area (motive)																								
	World Health Organization (WHO) health advisory information	World health advisory information		Area (motive)																								
	Security-related requirements	Maritime security level information		Security Area with specification																								
	communications	to be developed														example:	uhf	uhf	navtex	navtex	navtex - sat?	navtex - sat?						
Meteorological Warnings	Storm	Sea surface conditions	Area description																									
		Selection of report from sea stations	Link to source																									
		Selection of report from land stations	Link to source																									
		Wind (speed & Direction)	Type of Beaufort force; Extent of affected area; direction and speed of movement of disturbance; location, date time	From sensor - Text																								
		Visibility	visibility grade	Text																								
		Weather (e.g.fog, rain, snow)		Text																								
		Wave (height & direction)		From sensor - Text																								
		Air temperature		From sensor - Text																								
		Atmospheric pressure																										
		communications	Other urgent safety information	to be developed											example:	uhf	uhf	navtex	navtex	navtex - sat?	navtex - sat?							

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.

4 - The line "communications" refers to the delivery method for Navigation Warnings (NW) and Meteorological Warnings (MW).

5- The navigational areas division is based on IMO NAV59-6.