

Soft List of general to details cross mapping. AtoN has sub sections, due to length, which do not appear in the data model. Those general sections that do not have any details listings stand by themselves and can only be amplified by text.

TypeGeneral	TypeDetails
drifting hazards	container adrift
	derelict vessel adrift
	dead whale adrift
	deadhead adrift
	dock adrift
	fish net adrift
	log adrift
	log boom adrift
	floating debris
	vessel adrift
	object adrift
	scientific buoy adrift
	TypeGeneral
newly discovered dangers	sandspit
	shallow depth reported
	shoal
	submerged fish net
	submerged object
	uncharted rock
	dangerous wreck
	subsurface mooring
TypeGeneral	TypeDetails
offshore infrastructure	submarine cable changes
	submarine pipeline changes
	offshore rigs/platform changes
	drilling site operations
	renewable energy device/farm
TypeGeneral	TypeDetails

TypeGeneral	TypeDetails
	spar buoy adrift
	spar buoy damaged
	spar buoy destroyed
	spar buoy missing
	spar buoy move
	spar buoy off position
	spar buoy re-established
	spar buoy restored to normal
	spar buoy topmark missing
	spar buoy withdrawn
	Light/sector light
	light unlit
	light unreliable
	light re-establishment
	light range reduced
	light without rhythm
	light out of synchronization
	light daymark unreliable
	light operating properly
	sector light, sector obscured
	Beacon
	beacon missing
	beacon damaged
	lighted beacon, light unlit
	lighted beacon, light unreliable
	lighted beacon, light not synchronized
	lighted beacon, light damaged
	beacon topmark missing

Rig list	nil
TypeGeneral	TypeDetails
In force bulletin	nil
TypeGeneral	TypeDetails
ECDIS operating anomalies including official data issues	nil
TypeGeneral	TypeDetails
piracy or robbery	nil
TypeGeneral	TypeDetails
communication/broadcast	EGC MSI service
	HF service
	MF service
	MSI Service
	NAVTEX
	VHF service
TypeGeneral	TypeDetails
scientific instruments	acoustic recorder
	scientific buoy/apparatus
	scientific mooring
	tide gauge
TypeGeneral	TypeDetails
routing information	cluster of fishing vessels
	exclusion zone

	beacon topmark damaged
	beacon daymark unreliable
	floodlit beacon, unlit
	beacon restored to normal
	Leading lights and beacons
	front leading/range light, light unlit
	rear leading/range light, light unlit
	front leading/range light, unreliable
	rear leading/range light, unreliable
	front leading/range light, light range reduced
	rear leading/range light, light range reduced
	front leading/range light without rhythm
	rear leading/range light without rhythm
	leading/range lights out of synchronization
	front leading/range beacon, unreliable
	rear leading/range beacon, unreliable
	front leading/range light is operating properly.
	rear leading/range light is operating properly.
	front leading/range beacon restored to normal.
	rear leading/range beacon restored to normal.
	Audible and Fog signals
	audible signal out of service

	fireworks
	marine mammals
	opening/closing of harbour
	opening/closing of swing bridge
	opening/closing of waters
	bridge horizontal clearance change
	bridge unable to close
	bridge unable to open
	bridge vertical clearance change
	lock closed
	regatta/race
	regulation
	restricted area
	swimmers
	traffic congestion
	horizontal clearance reduced
	vertical clearance reduced
	vessel disabled
	VTS change
	waterway recommended/not recommended for shipping
	radar surveillance system
TypeGeneral	TypeDetails
security	maritime security level change
	security regulation change
TypeGeneral	TypeDetails
special operations	sea trials
	seaplane operations
	military exercise
	military operation
	blasting operation
	firing exercise
	hydrographic survey
	scientific survey

	fog signal out of service
	audible signal operating properly
	fog signal operating properly
	Radionavigation aids, signal and radio aids
	AIS transmitter out of service
	AIS transmitter unreliable
	AIS transmitter operating properly
	V-AIS out of service
	V-AIS unreliable
	V-AIS operating properly
	RACON out of service
	RACON unreliable
	RACON operating properly
	RAMARK out of service
	RAMARK unreliable
	RAMARK operating properly
	DGPS out of service
	DGPS operating properly
	DGPS unreliable
	LORAN C, operating properly
	LORAN C, unreliable
	LORAN C, out of service
	eLORAN operating properly
	eLORAN unreliable
	eLORAN out of service
	DGLONASS operating properly
	DGLONASS unreliable
	DGLONASS out of service
	Chayka operating properly
	Chayka unreliable
	Chayka out of service
	e-Chayka operating properly
	e-Chayka unreliable

	anti pollution exercise
	anti pollution operation
	SAR exercise
	SAR operation
	seismic survey
	Jamming Exercise (GNSS, Radar)
TypeGeneral	TypeDetails
natural phenomena	tsunami warning
	volcano activity
	low water level
	high water level
	storm surge
TypeGeneral	TypeDetails
towing operations	drill rig under tow
	unwieldy tow
TypeGeneral	TypeDetails
Health advisory	national health authority notice
	World Health Organization notice
	local health authority notice
TypeGeneral	TypeDetails
Ice	ice boom
	ice control zone
	iceberg outside of advertised limit
	unidentified radar target, possible iceberg
	authorized ice routing information
TypeGeneral	TypeDetails
Hazard, other	mines
	explosive device
	fallout hazard
	hazardous area
TypeGeneral	TypeDetails
Aquaculture and fishing installations	aquaculture site
	mussel farm
	Fish Aggregating Device (FAD)

	e-Chayka out of service
	EGNOS operating properly
	EGNOS unreliable
	EGNOS out of service
	GNSS degradation (eg. Jamming)
	AtoN commissioning
	buoy establishment
	light establishment
	beacon establishment
	audible signal establishment
	fog signal establishment
	AIS transmitter establishment
	V-AIS establishment
	RACON establishment
	RAMARK establishment
	DGPS station establishment
	eLORAN station establishment
	DGLONASS station establishment
	e-Chayka station establishment
	EGNOS station establishment
	buoy temporary establishment
	light temporary establishment
	beacon temporary establishment
	audible signal temporary establishment
	fog signal temporary establishment
	AIS temporary establishment
	virtual AIS temporary establishment
	RACON temporary establishment
	RAMARK temporary establishment
	AtoN change
	buoy change
	buoy temporary change
	light change
	light temporary change

	long fishing gear
	numerous fishing vessels
TypeGeneral	TypeDetails
Works	dredging operation
	breakwater construction
	wharf construction
	works in progress
	diving operation
	cable laying operation
	pipe laying operation
	cable operations
	pipe operations
	underwater operations
TypeGeneral	TypeDetails
aids to navigation	Buoyage
	temporary buoy/buoys
	Buoy
	light buoy, light unlit
	light buoy, light unreliable
	light buoy, light not synchronized
	light buoy, light damaged
	light spar buoy, light damaged
	light spar buoy, light not synchronized
	light spar buoy, light unlit
	light spar buoy, light unreliable
	buoy missing
	buoy off position
	buoy move
	buoy adrift
	buoy damaged
	buoy restored to normal
	buoy destroyed
	buoy re-establishment
	buoy topmark missing
	buoy topmark damaged

	sector light change
	sector light temporary change
	beacon change
	beacon temporary change
	fog signal change
	fog signal temporary change
	audible signal change
	audible signal temporary change
	V-AIS change
	V-AIS temporary change
	RACON change
	RACON temporary change
	RAMARK change
	RAMARK temporary change
	AtoN removal
	buoy removal
	buoy temporary removal
	light removal
	light temporary removal
	Beacon removal.
	beacon temporary removal
	fog signal removal
	fog signal temporary removal
	audible signal removal
	audible signal temporary removal
	AIS transmitter removal
	AIS transmitter temporary removal
	V-AIS removal
	V-AIS temporary removal
	RACON removal
	RACON temporary removal
	RAMARK removal
	RAMARK temporary removal
	DGPS station removal
	DGPS station temporary removal

	buoy daymark unreliable
	buoy will be withdrawn
	buoy withdrawn
	buoy withdrawn for winter
	buoy replaced by winter spar
	buoy decommissioned for winter
	buoy commissioned for navigation season
	marine aids to navigation unreliable
	fairway marker, light unlit
	fairway marker, light unreliable
	fairway marker, light not synchronized
	fairway marker damaged
	fairway marker destroyed
	seasonal decommissioning complete
	seasonal decommissioning in progress
	seasonal commissioning complete
	seasonal commissioning in progress
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	EGNOS station removal
	EGNOS station temporary removal
	LORAN C station removal
	LORAN C station temporary removal
	eLORAN station removal
	eLORAN station temporary removal
	Chayka station removal
	Chayka station temporary removal
	e-Chayka station removal
	e-Chayka station temporary removal
	<i>End of incident</i>
	AtoN operating properly
End of list	