

Annex A

Data Classification and Encoding Guide

Candidate for Edition 2.0.0 – March 2025

IHO



International
Hydrographic
Organization

Published by the
International Hydrographic Organization
4b quai Antoine 1^{er}
Principauté de Monaco
Tel: (377) 93.10.81.00
Fax: (377) 93.10.81.40
info@iho.int
www.iho.int

© Copyright International Hydrographic Organization 2025

This work is copyright. Apart from any use permitted in accordance with the Berne Convention for the Protection of Literary and Artistic Works (1886), and except in the circumstances described below, no part may be translated, reproduced by any process, adapted, communicated or commercially exploited without prior written permission from the International Hydrographic Organization (IHO). Copyright in some of the material in this publication may be owned by another party and permission for the translation and/or reproduction of that material must be obtained from the owner.

This document or partial material from this document may be translated, reproduced or distributed for general information, on no more than a cost recovery basis. Copies may not be sold or distributed for profit or gain without prior written agreement of the IHO Secretariat and any other copyright holders.

In the event that this document or partial material from this document is reproduced, translated or distributed under the terms described above, the following statements are to be included:

“Material from IHO publication [reference to extract: Title, Edition] is reproduced with the permission of the IHO Secretariat (Permission No/...) acting for the International Hydrographic Organization (IHO), which does not accept responsibility for the correctness of the material as reproduced: in case of doubt, the IHO’s authentic text shall prevail. The incorporation of material sourced from IHO shall not be construed as constituting an endorsement by IHO of this product.”

“This [document/publication] is a translation of IHO [document/publication] [name]. The IHO has not checked this translation and therefore takes no responsibility for its accuracy. In case of doubt the source version of [name] in [language] should be consulted.”

The IHO Logo or other identifiers shall not be used in any derived product without prior written permission from the IHO Secretariat.

CONTENTS

CONTENTS	iii
1 Overview	1
1.1 Preface	1
1.2 S-124 Annex A; Data Classification and Encoding Guide – Metadata	1
1.3 Terms, Definitions and Abbreviations	1
1.3.1 Use of language	1
1.4 Maintenance	2
2 General	2
2.1 Use of the DCEG	2
2.2 The Full S-124 Data Model	2
2.3 S-124 Navigational Warning Encoding	4
3 S-53 Examples Encoded as S-124 Navigational Warning Data	4
3.1 Casualties to lights, fog signals, buoys and other aids to navigation affecting main shipping lanes	4
3.1.1 Example 1 – Buoy Missing	4
3.1.2 Example 2 – Light Unreliable	5
3.1.3 Example 3 – Fog Signal Out of Service	6
3.1.4 Example 4 – RACON temporary Removal	6
3.1.5 Example 5 – DGPS Station Removal	7
3.2 The presence of dangerous wrecks in or near main shipping lanes and, if relevant, their marking	8
3.2.1 Example 1 – Dangerous Wreck	8
3.2.2 Example 2 – Wreck Located with Depth	9
3.2.3 Example 3 – Wreck with Buoy	9
3.3 Establishment of major new aids to navigation or significant changes to existing ones, when such establishment or change might be misleading to shipping	10
3.3.1 Example 1 – Light Established	10
3.3.2 Example 2 – Buoy Established	11
3.3.3 Example 3 – Range Reduced	11
3.3.4 Example 4 – Sector Light	12
3.3.5 Example 5 – Light Change	13
3.3.6 Example 6 – AIS (Physical)	14
3.3.7 Example 7 – AIS (Virtual)	14
3.4 The presence of large unwieldy tows in congested waters	15
3.4.1 Example 1 – Unwieldy Tow	15
3.4.2 Example 2 – Drill Rig Under Tow	16
3.4.3 Example 3 – Drill Rig Under Tow with Trackline	16
3.4.4 Example 4 – Tow with positional update	17
3.5 Drifting hazards (including derelict ships, ice, mines, containers, other large items etc.)	18
3.5.1 Example 1 – Container Adrift	18
3.5.2 Example 2 – Derelict Vessel Adrift	19
3.5.3 Example 3 – Fishing Net Adrift	20
3.5.4 Example 4 – Object Adrift	20
3.5.5 Example 5 – Buoy Adrift	21
3.5.6 Example 6 – Floating Debris	22
3.5.7 Example 7 – Dead Whale Adrift	22
3.5.8 Example 8 – Mines	23
3.5.9 Example 9 – Pumice Raft	24
3.6 Areas where search and rescue (SAR) and anti-pollution operations are being carried out (for avoidance of such areas)	25
3.6.1 Example 1 – Search and Rescue Operations	25
3.6.2 Example 2 – Search and Rescue Exercises	25
3.6.3 Example 3 – Anti-Pollution Operations	26

3.7	The presence of newly discovered rocks, shoals, reefs and wrecks likely to constitute a danger to shipping, and, if relevant, their marking	27
3.7.1	Example 1 - Shoal	27
3.7.2	Example 2 – Shallow depth reported	28
3.7.3	Example 3 – Uncharted Rock	28
3.7.4	Example 4 – Submerged Object	29
3.7.5	Example 5 – Less Water than Charted	30
3.8	Unexpected alteration or suspension of established routes	30
3.8.1	Example 1 – TSS Closure	30
3.8.2	Example 2 – Compulsory Pilotage	32
3.8.3	Example 3 – Port Closure	33
3.9	Cable or pipe-laying activities, seismic survey, the towing of large submerged objects for research or exploration purposes, the employment of manned or unmanned submersibles, or other underwater operations constituting potential dangers in or near shipping lanes	35
3.9.1	Example 1 – Hydrographic Survey	35
3.9.2	Example 2 – Scientific Survey	36
3.9.3	Example 3 – Seismic Survey	37
3.9.4	Example 4 – Dredging Operations	37
3.9.5	Example 5 – Pipe Laying Operations	38
3.9.6	Example 6 – Unmanned Operations	39
3.9.7	Example 7 – Cable Laying Operations	40
3.9.8	Example 8 – Ship to Ship Operations	40
3.9.9	Example 9 – Diving Operations	41
3.10	The establishment of research or scientific instruments in or near shipping lanes	42
3.10.1	Example 1 – Scientific Mooring	42
3.10.2	Example 2 – Tide Gauge	43
3.10.3	Example 3 – Scientific Buoy	43
3.10.4	Example 4 – Acoustic Recorder	44
3.11	The establishment of offshore structures in or near shipping lanes	45
3.11.1	Example 1 – Drill Rig on Location	45
3.11.2	Example 2 – Drilling Site Operations	46
3.11.3	Example 3 – Platform Established	49
3.12	Significant malfunctioning of radio-navigation services and shore-based maritime safety information radio or satellite services	50
3.12.1	Example 1 – VHF Services Off Air	50
3.12.2	Example 2 – MF Services Off Air	50
3.12.3	Example 3 – NAVTEX Off Air	51
3.13	Information concerning events which might affect the safety of shipping, sometimes over wide areas, e.g. naval exercises, missile firings, space missions, nuclear tests, ordnance dumping zones, etc.	52
3.13.1	Example 1 – Firing Operations	52
3.13.2	Example 2 – Blasting Operation	53
3.13.3	Example 3 – Fallout Hazard (Space Debris)	53
3.13.4	Example 4 – Military Exercise	54
3.13.5	Example 5 – Fallout Hazard (Rocket Launch)	55
3.14	Operating anomalies identified within ECDIS including ENC issues	57
3.14.1	Example 1 – ECDIS Anomalies	57
3.14.2	Example 2 – ENC Anomaly	58
3.15	Acts of piracy and armed conflict against ships	59
3.15.1	Example 1 – Armed Robbery	59
3.15.2	Example 2 - Piracy	60
3.15.3	Example 3 – Piracy (Kidnapping)	61
3.16	Tsunamis and other natural phenomena, such as abnormal changes to sea level	62
3.16.1	Example 1 – Tsunami (General)	62
3.16.2	Example 2 – Tsunami (Earthquake)	63
3.17	World Health Organization (WHO) health advisory information	64

3.17.1	Example 1 – WHO Advisory.....	64
3.18	Security Related Requirements	65
3.18.1	Example 1 – Security Requirement.....	65
3.19	Miscellaneous.....	66
3.19.1	In-Force Bulletin	66
3.19.2	No Warning Message	70
3.19.3	Cancellation Message	71
3.19.4	Space Weather.....	71

Document Control

Version	Version Type	Date	Approved By	Signed Off By	Role
2.0.0	Edition 2.0.0	Mar 2025	IHO CL 31-2025	C. Janus	WWNWS SC Chair

Summary of Substantive Changes from Edition 2.0.0

Bold references in the Clauses Affected column indicate the principle sections/clauses that are impacted by the described change.

Change Summary	Clauses Affected

1 Overview

1.1 Preface

The “Data Classification and Encoding Guide” has been developed to provide consistent, standardized instructions for encoding S-124 compliant Navigational Warning Data. This document has been laid out, as far as practical, along the lines of the Joint IMO/IHO/WMO Manual on Maritime Safety Information (MSI), IHO Publication S-53. It should be noted that although S-53 covers the spectrum of MSI, S-124 focuses only on Navigational Warnings.

The purpose of the Data Classification and Encoding Guide is to facilitate S-124 encoding to meet IHO standards for the proper display of Navigational Warnings in an ECDIS. The document describes how to encode information that the Maritime Safety Information Provider considers worthy of a navigational warning. The content of a S-124 Navigational Warning dataset is at the discretion of the producing authority provided that the conventions described within this document are followed.

The entire S-100 Standard, including the S-124 Navigational Warning Product Specification, is available at the following web site, <https://iho.int/>.

1.2 S-124 Annex A; Data Classification and Encoding Guide – Metadata

Note: This information uniquely identifies this Annex to the Product Specification and provides information about its creation and maintenance.

Title: The International Hydrographic Organization Electronic Navigational Chart Product Specification, Annex A – Data Classification and Encoding Guide

Version: 2.0.0

Date: March 2025

Language: English

Classification: Unclassified

Contact: International Hydrographic Organization
4b, quai Antoine 1er
B.P. 445
MC 98011 MONACO CEDEX
Telephone: +377 93 10 81 00
Fax: +377 93 10 81 40
Email: info@iho.int

URL: www.iho.int

Identifier: S-124 Annex A

Maintenance: Changes to S-124 Annex A; Data Classification and Encoding Guide are coordinated by the S-124 Project Team (S-124PT), a Project Team under the IHO World-Wide Navigational Warning Sub-Committee (WWNWS-SC)

1.3 Terms, Definitions and Abbreviations

1.3.1 Use of language

Within this document:

- “Must” indicates a mandatory requirement.
- “Should” indicates an optional requirement, that is the recommended process to be followed, but is not mandatory.
- “May” means “allowed to” or “could possibly”, and is not mandatory.

1.4 Maintenance

Changes to the Data Classification and Encoding Guide must occur in accordance with the S-124 Navigational Warnings Product Specification clause 1.7.

2 General

2.1 Use of the DCEG

The S-124 Data Classification and Encoding Guide describes how data describing the real-world Maritime Safety Information should be captured using the types defined in the S-124 Data Content and Structure (see S-124 Product Specification Main document clause 4). It provides the encoding rules and guidance required to create S-124 Navigational Warnings. This standard is specifically concerned with Navigational Warnings as described in the Joint IMO/IHO/Manual on Maritime Safety Information, IHO Publication S-53. Within this DECG encoding guidance is given by encoding a S-53 navigational warning into the full S-124 Data Model (See S-124 Product Specification Figure 4-2).

Message element	Example 1 – Buoy Missing
1. Message series identifier	NAVAREA I 570/21
2. General area	IRISH SEA.
3. Locality	NORTHERN IRELAND.
4. Chart number	CHART _____ (INT _____) .
5. Key subject	HELLYHAUNTER LIGHTBUOY
6. Geographical position	50-00.30N 006-02.00W MISSING
7. Amplifying remarks	
8. Cancellation details	

Figure 2-1 – A S-53 Navigational Warning

2.2 The Full S-124 Data Model

For ease of the Maritime Safety Information Provider a tabular version of the full S-124 Data Model (see S-124 Product Specification Figure 4-2), has been provided.

NAVWARNPreamble (ID00) ¹	generalArea	localityIdentifier	
		locationName	language: text:
	locality	localityIdentifier	
		locationName	language: text:
	messageSeriesIdentifier	agencyResponsibleForProduction: nationality: nameOfSeries: interoperabilityIdentifier: nameOfSeries: warningType year:	
	AffectedChartPublications	chartAffected:	chartNumber:

¹ Must be associated with at least of References or NavwarnPart.

			chartPlanNumber: editionDate: lastNoticeDate:
		chartPublicationIdentifier:	
		internationalChartAffected:	
		language:	
		publicationsAffected:	
	navwarnTitle	language: text:	
	cancellationDate		
	publicationTime		
	navwarnTypeGeneral:		
	intService:		
NAVWARNPreambleContent	header (role)		
	theWarningPart (role)		
NAVWARWNReferences	theWarning(role)		
	theReferences (role)		
TextAssociation	identifies (role)		
	positions (role)		
AreaAffected	impacts (role)		
	affects (role)		
NAVWARNPart (ID01)	featureName	language: name: nameUsage:	
	featureReference	AtoNNumber: interoperabilityIdentifier:	
	fixedDateRange ²	dateEnd: dateStart: timeOfDayEnd: timeOfDayStart:	
	warningInformation³	information:	Language:
			Text:
		NavwarnTypeDetails:	
	geometry		
	restriction		
NAVWARNAreaAffected	geometry		
TextPlacement	geometry		
	scaleMinimum		
	Text		
	textOffsetBearing		
	textOffsetDistance		
	textRotation		
References	messageSeriesIdentifier	agencyResponsibleForProduction: nationality: nameOfSeries: interoperabilityIdentifier: nameOfSeries: warningType year:	
	noMessageOnHand⁴		
	referenceCategory		

² timeOfDayStart can only be present if dateStart is also present. timeOfDayEnd can only be present if dateEnd is also present.

³ If using the NAVWARNPart, warningInformation is mandatory. warningInformation must contain at least one attribute, either information or NavwarnTypeDetails.

⁴ If noMessageOnHand=true, then messageSeriesIdentifier is prohibited. If noMessageOnHand=false, then message series Identifier is mandatory.

Figure 2-2 – The full S-124 Data Model in tabular form

2.3 S-124 Navigational Warning Encoding

All encoding examples contained within the DCEG have maximized fields as much as practicable. Additionally, all empty fields have been removed from the encoding example. Lastly, any notes concerning the example, such as the range of an Aid to Navigation, will be noted following the example.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: Irish Sea
	locality	localityIdentifier	
		locationName	language: eng text: Northern Ireland
	messageSeriesIdentifier	agencyResponsibleForProduction: GBXX nationality: GB nameOfSeries: NAVAREA I interoperabilityIdentifier: nameOfSeries:570 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	aids to navigation change	
NAVWARNPreambleContent	intService:	true	
	header (role)	ID00	
AreaAffected	theWarningPart (role)	ID01	
	impacts (role)	ID01	
NAVWARNPart (ID01)	affects (role)	ID02	
	featureName	language:eng name:HELLYHAUNTER LIGHT BUOY nameUsage:	
	warningInformation	information:	Language:eng text:
		NavwarnTypeDetails: buoy missing	
	geometry	Point 31-21.20N 010-07.40E	
NAVAWARNAreaAffected (ID02)	geometry	Circle by centerpoint 3 NM radius 50-00.30N 006-02.00W	

Figure 2-3 – The S-53 Navigational Warning as contained in Figure 2-1 as an S-124 dataset in tabular form.

3 S-53 Examples Encoded as S-124 Navigational Warning Data

3.1 Casualties to lights, fog signals, buoys and other aids to navigation affecting main shipping lanes

3.1.1 Example 1 – Buoy Missing

Message element	Example 1 – Buoy Missing
1. Message series identifier	NAVAREA I 570/21
2. General area	IRISH SEA.
3. Locality	NORTHERN IRELAND.
4. Chart number	CHART _____ (INT _____).
5. Key subject	HELLYHAUNTER LIGHTBUOY
6. Geographical position	50-00.30N 006-02.00W MISSING
7. Amplifying remarks	
8. Cancellation details	

Notes: This Buoy has a nominal range of 3 NM

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: Irish Sea
	locality	localityIdentifier	
		locationName	language: eng text: Northern Ireland
	messageSeriesIdentifier	agencyResponsibleForProduction: GBXX nationality: GB nameOfSeries: NAVAREA I interoperabilityIdentifier: nameOfSeries:570 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	aids to navigation change	
NAVWARNPreambleContent	intService:	true	
	header (role)	ID00	
AreaAffected	theWarningPart (role)	ID01	
	impacts (role)	ID01	
NAVWARNPart (ID01)	affects (role)	ID02	
	featureName	language:eng name: HELLYHAUNTER LIGHT BUOY nameUsage:	
	warningInformation	information:	language:eng text:
		NavwarnTypeDetails: buoy missing	
NAVWARNAreaAffected (ID02)	geometry	Point 31-21.20N 010-07.40E	
	geometry	Circle by centerpoint 3 NM radius 50-00.30N 006-02.00W	

3.1.2 Example 2 – Light Unreliable

Message element	Example 2 – Light Unreliable
1. Message series identifier	NAVAREA III 451/21
2. General area	WESTERN MEDITERRANEAN SEA.
3. Locality	TUNISIA-NORTH COAST.
4. Chart number	CHART _____ (INT _____).
5. Key subject	CANIS LIGHT 31-21.20N 010-07.40E UNRELIABLE.
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

Note: Canis light has a nominal range of 12 NM

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: Western Mediterranean Sea
	locality	localityIdentifier	
		locationName	language: eng text: Tunisia-North Coast
	messageSeriesIdentifier	agencyResponsibleForProduction: ESXX nationality: ES nameOfSeries: NAVAREA III interoperabilityIdentifier: nameOfSeries: 451 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	aids to navigation change	
NAVWARNAreaAffected (ID02)	intService:	true	
	geometry		

NAVWARNPreambleContent	header (role)	ID00
	theWarningPart (role)	ID01
AreaAffected	impacts (role)	ID01
	affects (role)	ID02
NAVWARNPart (ID01)	featureName	nameUsage: false language: eng name: CANIS LIGHT
	warningInformation	information:
		language:eng text:
	NavwarnTypeDetails: light unreliable	
	geometry	Point 31-21.20N 010-07.40E
NAVAWARNAreaAffected (ID02)	geometry	Circle by centerpoint 12 NM radius 31-21.20N 010-07.40E

3.1.3 Example 3 – Fog Signal Out of Service

Message element	Example 3 – Fog Signal Out of Service
1. Message series identifier	NAVAREA I 1279/21
2. General area	ENGLAND-EAST COAST.
3. Locality	RACE BANK WIND FARM.
4. Chart number	CHART _____ (INT _____) .
5. Key subject	FOG SIGNALS INOPERATIVE AT TURBINES IN
6. Geographical position	A. 53-14.90N 000-48.90E.
7. Amplifying remarks	B. 53-17.80N 000-46.30E.
8. Cancellation details	C. 53-21.10N 000-49.10E.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: England – East Coast
	locality	localityIdentifier	
		locationName	language: eng text: Race Bank Wind Farm
	messageSeriesIdentifier	agencyResponsibleForProduction: UKXX nationality: GB nameOfSeries: NAVAREA I interoperabilityidentifier: nameOfSeries: 1279 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	aids to navigation change	
NAVARNPreambleContent	intService:	true	
	header (role)	ID00	
NAVWARNPart (ID01)	theWarningPart (role)	ID01	
	warningInformation	information:	language:eng text:
		NavwarnTypeDetails: fog signal out of service	
	geometry	Point 53-14.90N 000-48.90E	
	geometry	Point 53-17.80N 000-46.30E	
	geometry	Point 53-21.10N 000-49.10E	

3.1.4 Example 4 – RACON temporary Removal

Message element	Example 4 – RACON temporary removal
1. Message series identifier	

2. General area	NAVAREA V 678/22
3. Locality	WESTERN SOUTH ATLANTIC.
4. Chart number	BRAZIL-SOUTH COAST.
5. Key subject	CHART _____ (INT _____).
6. Geographical position	1. RACON AT TRAMANDAI LIGHT 30-00.50S 050-08.2W INOPERATIVE
7. Amplifying remarks	UNTIL 29 MAR 2022.
8. Cancellation details	2. CANCEL THIS MSG 30 MAR 2022.

Note: Tramandai racon has a range of 25 miles

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: Western South Atlantic
	locality	localityIdentifier	
		locationName	language: eng text: Brazil-South Coast
	messageSeriesIdentifier	agencyResponsibleForProduction: BRXX nationality: BR nameOfSeries: NAVAREA V interoperabilityIdentifier: nameOfSeries: 678 warningType: (4) NAVAREA navigational warning year: 22	
	cancellationDate	20220330T000000Z	
	publicationTime	20220101T000000Z	
NAVWARNPreambleContent	navwarnTypeGeneral:	aids to navigation change	
	intService:	true	
AreaAffected	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARN Part (ID01)	impacts (role)	ID01	
	affects (role)	ID02	
NAVWARN Part (ID01)	featureName	language:eng name:TRAMANDAI LIGHT nameUsage:	
	fixedDateRange	dateEnd: 20222300 dateStart: 20220101 timeOfDayEnd: 000000Z timeOfDayStart: 000000Z	
	warningInformation	information	language: eng text: unreliable until 29 Mar 2022.
		navwarnTypeDetails: RACON out of service	
	geometry	Point 30-00.50S 050-08.2W	
NAVAWARNAreaAffected (ID02)	geometry	Circle by centerpoint 25 NM radius 30-00.50S 050-08.2W	

3.1.5 Example 5 – DGPS Station Removal

Message element	Example 5 – DGPS Station Removal
1. Message series identifier	NAVAREA IV 608/19
2. General area	GULF OF MEXICO.
3. Locality	TEXAS.
4. Chart number	CHART _____ (INT _____).
5. Key subject	ANGLETON DGPS STATION 29-18.10N 095-29.00W PERMANENTLY
6. Geographical position	DISCONTINUED.
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng

	locality	localityIdentifier	text:Gulf of Mexico
		locationName	language: eng text: Texas
	messageSeriesIdentifier	agencyResponsibleForProduction: USXX nameOfSeries: NAVAREA IV nationality: US interoperabilityIdentifier: nameOfSeries: 608 warningType: (4) NAVAREA navigational warning year: 19	
	publicationTime	20190101T000000Z	
	navwarnTypeGeneral:	aids to navigation change	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	featureName	language: eng name: ANGLETON DGPS STATION nameUsage:	
	warningInformation	information	language text:
		navwarnTypeDetails: DGPS station removal	
	geometry	Point 29-18.10N 095-29.00W	

3.2 The presence of dangerous wrecks in or near main shipping lanes and, if relevant, their marking

3.2.1 Example 1 – Dangerous Wreck

Message element	Example 1 – Dangerous Wreck
1. Message series identifier	NAVAREA VIII 805/21
2. General area	BAY OF BENGAL.
3. Locality	OFF KRISHNAPATNAM.
4. Chart number	CHART _____ (INT _____).
5. Key subject	DANGEROUS WRECK REPORTED IN 14-14.25N 080-09.85E.
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

Note: In the Geometry section we would need to note a “reported” designation

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text:Bay of Bengal
	locality	localityIdentifier	
		locationName	language: eng text: off Krishnapatnam
	messageSeriesIdentifier	agencyResponsibleForProduction: INXX nationality: IN nameOfSeries: NAVAREA VIII interoperabilityIdentifier: nameOfSeries: 805 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	newly discovered dangers	
NAVWARNPreambleContent	intService:	true	
	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	warningInformation	information:	language:

		text:
		NavwarnTypeDetails: dangerous wreck
	geometry	Point 14-14.25N 080-09.85E (Reported)

3.2.2 Example 2 – Wreck Located with Depth

Message element	Example 2 – Wreck Located with Depth
1. Message series identifier	NAVAREA XX 110/22
2. General area	BARENTS SEA.
3. Locality	CHART _____ (INT _____).
4. Chart number	WRECK, LEAST DEPTH 20 METRES,
5. Key subject	IN 70-10.72N 032-56.55E.
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: Barents Sea
	locality	localityIdentifier	
		locationName	language: eng text:
	messageSeriesIdentifier	agencyResponsibleForProduction: RUXX nationality: RU nameOfSeries: NAVAREA XX interoperabilityIdentifier: nameOfSeries: 110 warningType: (4) NAVAREA navigational warning year: 22	
	publicationTime	20220101T000000Z	
	navwarnTypeGeneral:	newly discovered dangers	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	warningInformation	information:	language: eng text: least depth 20 metres
		NavwarnTypeDetails: dangerous wreck	
	geometry	Point 70-10.72N 032-56.55E	

3.2.3 Example 3 – Wreck with Buoy

Message element	Example 3 – Wreck with Buoy
1. Message series identifier	NAVAREA IX 279/21
2. General area	IRAN.
3. Locality	RAS E JESK.
4. Chart number	CHART _____ (INT _____).
5. Key subject	DANGEROUS WRECK MARKED BY SOUTH CARDINAL BUOY
6. Geographical position	IN 25-38.85N 057-39.51E.
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: IRAN
	locality	localityIdentifier	
		locationName	language: eng text: RAS E JESK
	messageSeriesIdentifier	agencyResponsibleForProduction: PKXX nationality: PK	

		nameOfSeries: NAVAREA IX interoperabilityidentifier: nameOfSeries: 279 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	newly discovered dangers	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	warningInformation	information	language:eng
			text: Marked by South Cardinal Buoy
		navwarwnTypeDetails: dangerous wreck	
	geometry	Point 25-38.85 057-39.51	

3.3 Establishment of major new aids to navigation or significant changes to existing ones, when such establishment or change might be misleading to shipping

3.3.1 Example 1 – Light Established

Message element	Example 1 – Light Established
1. Message series identifier	NAVAREA VIII 600/21
2. General area	INDIA – WEST COAST.
3. Locality	VALIYAZHIKAL.
4. Chart number	CHART _____ (INT _____).
5. Key subject	LIGHT, FL(3) W 2 SEC 15 M, ESTABLISHED
6. Geographical position	IN 09-08.41N 076-27.27E.
7. Amplifying remarks	
8. Cancellation details	

NWPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng
			text: INDIA – WEST COAST
	locality	localityIdentifier	
		locationName	language: eng
			text:: VALIYAZHIKAL
	messageSeriesIdentifier	agencyResponsibleForProduction: INXX nationality: IN nameOfSeries: NAVAREA VIII interoperabilityidentifier: nameOfSeries: 600 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	aids to navigation change	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID01	
	affects (role)	ID02	
NavigationalWarn Part (ID01)	featureName	language: eng name: [name of light] nameUsage:	
	warningInformation	information	language: eng

		text: FL(3) W 2 SEC 15 M
		navwarwnTypeDetails: light establishment
	geometry	Point 09-08.41N 076-27.27E
NAVWARNAreaAffected(ID02)	geometry	Circle by centerpoint 15 NM radius 09-08.41N 076-27.27E

3.3.2 Example 2 – Buoy Established

Message element	Example 2 – Buoy Established
1. Message series identifier	NAVAREA V 556/21
2. General area	BRAZIL.
3. Locality	ILHA DE SAO SEBASTIAO.
4. Chart number	CHART _____ (INT _____).
5. Key subject	SPECIAL BUOY (ODAS), YELLOW, FL(5) Y 20 SEC,
6. Geographical position	ESTABLISHED IN 24-28.03S 044-24.36W.
7. Amplifying remarks	
8. Cancellation details	

Note: Buoy has 5NM range

NWPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: BRAZIL
	locality	localityIdentifier	
		locationName	language: eng text: ILHA DE SAO SEBASTIAO
	messageSeriesIdentifier	agencyResponsibleForProduction: BRXX nationality: BR nameOfSeries: NAVAREA VIII interoperabilityIdentifier: nameOfSeries: 556 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	aids to navigation change	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID01	
	affects (role)	ID02	
NavigationalWarn Part (ID01)	featureName	language: name: nameUsage:	
		information	language: eng text: SPECIAL BUOY (ODAS), YELLOW, FL(5) Y 20 SEC
	warningInformation	navwarwnTypeDetails: buoy establishment	
	geometry	Point 24-28.03S 044-24.36W	
	geometry	Circle by centerpoint 50 NM radius 24-28.03S 044-24.36W	
NAVWARNAreaAffected(ID02)	geometry	Circle by centerpoint 50 NM radius 24-28.03S 044-24.36W	

3.3.3 Example 3 – Range Reduced

Message element	Example 3 – Range Reduced
1. Message series identifier	NAVAREA VIII 664/21
2. General area	ANDAMAN SEA.
3. Locality	PORT BLAIR.
4. Chart number	CHART _____ (INT _____).
5. Key subject	NORTH POINT LIGHT 11-42.29N 092-45.22E RANGE REDUCED TO 10 MILES.
6. Geographical position	

7. Amplifying remarks	
8. Cancellation details	

NWPPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: ANDAMAN SEA
	locality	localityIdentifier	
		locationName	language: eng text: PORT BLAIR
	messageSeriesIdentifier	agencyResponsibleForProduction: BRXX nationality: BR nameOfSeries: NAVAREA VIII interoperabilityIdentifier: nameOfSeries: 556 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	aids to navigation change	
NAVWARNPreambleContent	intService:	true	
	header (role)	ID00	
AreaAffected	theWarningPart (role)	ID01	
	impacts (role)	ID01	
NavigationalWarn Part (ID01)	affects (role)	ID02	
	featureName	language: eng name: NORTH POINT LIGHT nameUsage:	
	featureReference	[MRN]	
	warningInformation	information	language: eng text: REDUCED TO 10 MILES
		navwarwnTypeDetails: light range reduced	
NAVWARNAreaAffected(ID02)	geometry	Point 11-42.29N 092-45.	
	geometry	Circle by centerpoint 10 NM radius 11-42.29N 092-45.	

3.3.4 Example 4 – Sector Light

Message element	Example 4 – Sector Light
1. Message series identifier	NAVAREA VIII 528/22
2. General area	INDIA.
3. Locality	KANHOJI ANGRE.
4. Chart number	CHART _____ (INT _____).
5. Key subject	KHANDERI ISLAND LIGHT 18-42.20N 072-48.82E VISIBLE SECTOR
6. Geographical position	CHANGED TO WHITE 181-018, RED 018-181 DEGREES.
7. Amplifying remarks	
8. Cancellation details	

Note: 10 Mile Range

NWPPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: INDIA
	locality	localityIdentifier	
		locationName	language: eng text: KANHOJI ANGRE
	messageSeriesIdentifier	agencyResponsibleForProduction: INXX nationality: IN nameOfSeries: NAVAREA VIII interoperabilityIdentifier: nameOfSeries: 528 warningType: (4) NAVAREA navigational warning year: 22	

	publicationTime	20220101T000000Z	
	navwarnTypeGeneral:	aids to navigation change	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID01	
	affects (role)	ID02	
NavigationalWarn Part (ID01)	featureName	language: eng name: KHANDERI ISLAND LIGHT nameUsage:	
	featureReference	[MRN]	
	warningInformation	information	language: eng text: WHITE 181-018, RED 018-181
		navwarwnTypeDetails: sector light change	
	geometry	Point 18-42.20N 072-48.82E	

3.3.5 Example 5 – Light Change

Message element	Example 5 - Light Change
1. Message series identifier	NAVAREA III 863/21
2. General area	WESTERN MEDITERRANEAN SEA.
3. Locality	ALGERIA.
4. Chart number	CHART _____ (INT _____).
5. Key subject	ILE RACHGOUN LIGHT 35-19.45N 001-28.65W
6. Geographical position	CHANGED TO F R.
7. Amplifying remarks	
8. Cancellation details	

Note: Ile Rachgoun light has an 8 mile range.

NWPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: WESTERN MEDITERRANEAN SEA
	locality	localityIdentifier	
		locationName	language: eng text: ALGERIA
	messageSeriesIdentifier	agencyResponsibleForProduction: ESXX nationality: ES nameOfSeries: NAVAREA III interoperabilityIdentifier: nameOfSeries: 863 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	aids to navigation change	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID01	
	affects (role)	ID02	
NavigationalWarn Part (ID01)	featureName	language: eng name: ILE RACHGOUN LIGHT nameUsage:	
	featureReference	AtoNNumber: E6718 FeatureIdentifier:[MRN] ENCFeatureReference:	
	warningInformation	information	language: eng text: CHANGED TO F R
		navwarwnTypeDetails: light change	
	geometry	Point 35-19.45N 001-28.65W	
NAVWARNAreaAffected(ID02)	geometry	Circle by centerpoint 8 NM radius 35-19.45N 001-28.65W	

3.3.6 Example 6 – AIS (Physical)

Message element	Example 6 – AIS (Physical)
1. Message series identifier	NAVAREA I 12/21
2. General area	SCOTLAND, NORTH-EAST COAST.
3. Locality	APPROACHES TO INVERNESS.
4. Chart number	CHART _____ (INT _____).
5. Key subject	AIS AID TO NAVIGATION MMSI 992351072 ESTABLISHED AT RIFF BANK
6. Geographical position	EAST LIGHT-BUOY 57-38.38N 003-58.15W.
7. Amplifying remarks	
8. Cancellation details	

NWPreable (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: SCOTLAND-NORTH EAST COAST
	locality	localityIdentifier	
		locationName	language: eng text: APPROACHES TO INVERNESS
	messageSeriesIdentifier	agencyResponsibleForProduction: GBXX nationality: GB nameOfSeries: NAVAREA I interoperabilityIdentifier: nameOfSeries: 12 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	aids to navigation change	
NAVWARNPreableContent	intService:	true	
	header (role)	ID00	
NavigationalWarn Part (ID01)	theWarningPart (role)	ID01	
	featureName	language: eng name: AT RIFF BANK EAST LIGHT-BUO nameUsage:	
	warningInformation	information	language: eng text: MMSI 992351072
		navwarwnTypeDetails: AIS transmitter establishment	
	geometry	Point 57-38.38N 003-58.15W.	

3.3.7 Example 7 – AIS (Virtual)

Message element	Example 7 – AIS (Virtual)
1. Message series identifier	NAVAREA X 12/21
2. General area	TORRES STRAIT.
3. Locality	CAPE YORK NORTHWESTWARD.
4. Chart number	CHART _____ (INT _____).
5. Key subject	HERALD PATCHES BUOY 10-30.16S 142-21.50E TEMPORARILY REMOVED.
6. Geographical position	VIRTUAL AIS AID TO NAVIGATION STARBOARD HAND MARK MMSI
7. Amplifying remarks	995036022 ESTABLISHED AT THE SAME POSITION.
8. Cancellation details	

NWPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: TORRES STRAIT
	locality	localityIdentifier	
		locationName	language: eng text: CAPE YORK NORTHWESTWARD
	messageSeriesIdentifier	agencyResponsibleForProduction: AUXX nationality: AU	

		nameOfSeries: NAVAREA X interoperabilityidentifier: nameOfSeries: 12 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	aids to navigation change	
	intService:	true	
NAWWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01, ID02	
NavigationalWarn Part (ID01)	featureName	language: eng name: HERALD PATCHES BUOY nameUsage:	
	warningInformation	information	language: eng
		text: navwarwnTypeDetails: buoy withdrawn	
	geometry	Point 10-30.16S 142-21.50E	
NavigationalWarn Part (ID02)	warningInformation	information	language: eng
		text: STARBOARD HAND MARK MMSI 992351072	
		navwarwnTypeDetails: V-AIS establishment	
	geometry	Point 10-30.16S 142-21.50E	

3.4 The presence of large unwieldy tows in congested waters

3.4.1 Example 1 – Unwieldy Tow

Message element	Example 1 – Unwieldy Tow
1. Message series identifier	NAVAREA II 465/21
2. General area	PORTUGAL TO SPAIN.
3. Locality	OFF CAPE FINISTERRE.
4. Chart number	CHART _____ (INT _____).
5. Key subject	TOWING OPERATIONS IN PROGRESS BY TUG EEMS TOWING
6. Geographical position	M/V ANGON FROM LEIXOES TO VILLAGARCIA, LENGTH OF TOW
7. Amplifying remarks	400 METRES ALONG LINE JOINING
8. Cancellation details	38-22.60N 009-38.20W, 40-20.65N 010-03.88W, 42-12.87N 008-56.44W. WIDE BERTH REQUESTED.

NWPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng
	locality	localityIdentifier	text: PORTUGAL TO SPAIN
		locationName	language: eng
	messageSeriesIdentifier	text: OFF CAPE FINISTERRE	
		agencyResponsibleForProduction: FRXX nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 465 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	Towing operations	
NAWWARNPreambleContent	intService:	true	
	header (role)	ID00	
	theWarningPart (role)	ID01	

NavigationalWarn Part (ID01)	warningInformation	information	language: eng text: TUGE EEMS TOWING M/V ANGON, LENGTH OF TOW 400 METRES
		navwarwnTypeDetails: unwieldy tow	
	geometry	Curve 38-22.60N 009-38.20W, 40-20.65N 010-03.88W 42-12.87N 008-56.44W.	

3.4.2 Example 2 – Drill Rig Under Tow

Message element	Example 2 – Drill Rig Under Tow
1. Message series identifier	NAVAREA VII 342/21
2. General area	SOUTH ATLANTIC OCEAN.
3. Locality	SOUTH AFRICA TO SENEGAL.
4. Chart number	CHART _____ (INT _____).
5. Key subject	TUG SEA ALFA TOWING DRILL RIG PETROBRAS 2000.DEPARTS CAPE
6. Geographical position	TOWN 34-52.45S 018-29.45E DESTINATION DAKAR 18-16.00S 004-28.00E.
7. Amplifying remarks	LENGTH OF TOW 500 METRES. WIDE BERTH REQUESTED
8. Cancellation details	

Note: This S-53 warning does not contain enough geographic information to properly portray the trackline of this tow. These two positions are not sufficient and if shown as a curve would go through land. In this example positions were added to the curve to approximate the trackline.

NWPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: SOUTH ATLANTIC OCEAN
	locality	localityIdentifier	
		locationName	language: eng text: SOUTH AFRICA TO SENEGAL
	messageSeriesIdentifier	agencyResponsibleForProduction: ZAXX nationality: ZA nameOfSeries: NAVAREA VII interoperabilityIdentifier: nameOfSeries: 342 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	Towing operations	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NavigationalWarn Part (ID01)	warningInformation	information	language: eng text: TUGE SEA ALFA TOWING DRILL RIG PETROBRAS 200. LENGTH OF TOW 500 METRES.
		navwarwnTypeDetails: drill ring under tow	
	geometry	Curve 34-52.45S 018-29.45E, 3-50.03N 17-14.53W, 42-12.87N 008-56.44W.	

3.4.3 Example 3 – Drill Rig Under Tow with Trackline

Message element	Example 3 – Drill Rig Under Tow with Trackline
1. Message series identifier	NAVAREA XIII 54/21
2. General area	SEA OF JAPAN.
3. Locality	PROLIV LAPERUZA AND SAKHALIN NORTH EAST COAST.
4. Chart number	CHART _____ (INT _____).
5. Key subject	TUG TOWING DRILLING RIG PA-B 04 ON 18 JUN 2021 ALONG
6. Geographical position	LINE JOINING
7. Amplifying remarks	34-58.10N 128-48.35E, 52-55.90N 143-29.95E,
8. Cancellation details	45-43.00N 141-58.02E, 45-45.00N 142-30.00E,

	45-49.00N 143-19.00E, 45-55.00N 143-40.00E, 52-52.00N 143-39.53E. LENGTH OF TOW 1000 METRES SPEED 4.2 KNOTS. ONE MILE BERTH REQUESTED.
--	---

NWPreable (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: SEA OF JAPAN
	locality	localityIdentifier	
		locationName	language: eng text: PROLIV LAPERUZA AND SAKHALIN NORTH EAST COAST.
	messageSeriesIdentifier	agencyResponsibleForProduction: RUXX nationality: RU nameOfSeries: NAVAREA XIII interoperabilityIdentifier: nameOfSeries: 51 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	Towing operations	
NAVWARNPreambleContent	intService:	true	
	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID01	
	affects (role)	ID02	
NavigationalWarn Part (ID01)	warningInformation	information	language: eng text: TUG TOWING DRILLING RIG PA-B 04
		navwarwnTypeDetails: drill ring under tow	
	geometry	Curve 34-58.10N 128-48.35E, 52-55.90N 143-29.95E,45-43.00N 141-58.02E, 45-45.00N 142-30.00E,45-49.00N 143-19.00E, 45-55.00N 143-40.00E,52-52.00N 143-39.53E.	
	fixedDateRange	dateEnd: dateStart: 20210618 timeOfDayEnd: timeOfDayStart:000001Z	
NAVWARNAreaAffected (ID02)	geometry	One Mile Radius from curve 34-58.10N 128-48.35E, 52-55.90N 143-29.95E,45-43.00N 141-58.02E, 45-45.00N 142-30.00E,45-49.00N 143-19.00E, 45-55.00N 143-40.00E,52-52.00N 143-39.53E.	

3.4.4 Example 4 – Tow with positional update

Message element	Example 4 – Tow with positional update
1. Message series identifier	NAVAREA I 219/21
2. General area	ENGLISH CHANNEL.
3. Locality	DOVER STRAIT AND AT WEST HINDER TSS.
4. Chart number	CHART _____ (INT _____).
5. Key subject	1. ALP DEFENDER TOWING MV SPIEGELGRACHT FROM LYME BAY,
6. Geographical position	ENGLAND TO ZEEBRUGGE, BELGIUM IN VICINITY OF LINE JOINING
7. Amplifying remarks	50-10.1N 002-22.0W, 50-01.6N 002-17.1W,
8. Cancellation details	50-27.8N 000-58.9E, 50-40.1N 001-20.9E, 50-54.1N 001-29.1E, 51-06.9N 001-47.7E, 51-22.0N 002-29.9E, 51-22.0N 002-40.7E, 51-25.3N 002-48.7E. LENGTH OF TOW 800 METRES. 2. ALP DEFENDER IN 50-40.1N 001-20.9E AT 020200 UTC DEC 2021.

NWPPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: ENGLISH CHANNEL
	locality	localityIdentifier	
		locationName	language: eng text: DOVER STRAIT AND AT WEST HINDER TSS
	messageSeriesIdentifier	agencyResponsibleForProduction: UKXX nationality: UK nameOfSeries: NAVAREA I interoperabilityIdentifier: nameOfSeries: 219 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210101T000000Z	
	navwarnTypeGeneral:	Towing operations	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01, ID02	
NavigationalWarn Part (ID01)	warningInformation	information	language: eng text: ALP DEFENDER TOWING MV SPIEGELGRACHT
		navwarwnTypeDetails: drill ring under tow	
	geometry	Curve 50-10.1N 002-22.0W, 50-01.6N 002-17.1W, 50-27.8N 000-58.9E, 50-40.1N 001-20.9E, 50-54.1N 001-29.1E, 51-06.9N 001-47.7E, 51-22.0N 002-29.9E, 51-22.0N 002-40.7E, 51-25.3N 002-48.7E.	
NavigationalWarn Part (ID02)	warningInformation	information	language: eng text: ALP Defender at 020200 UTC DEC 2021
		navwarwnTypeDetails: drill ring under tow	
	geometry	Point 50-40.1N 001-20.9E	

3.5 Drifting hazards (including derelict ships, ice, mines, containers, other large items etc.)

3.5.1 Example 1 – Container Adrift

Message element	Example 1 – Container Adrift
1. Message series identifier	NAVAREA I 215/21.
2. General area	CELTIC SEA.
3. Locality	OFF USHANT TSS.
4. Chart number	CHART _____ (INT _____).
5. Key subject	1. SEVEN CONTAINERS ADRIFT IN VICINITY
6. Geographical position	48-40.00N 005-56.00W AT 250856 UTC NOV 2021.
7. Amplifying remarks	2.CANCEL THIS MSG 280856 UTC NOV 2021.
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: CELTIC SEA
	locality	localityIdentifier	
		locationName	language: eng text: OFF USHANT TSS
	messageSeriesIdentifier	agencyResponsibleForProduction: GBXX nationality: GB	

		nameOfSeries: NAVAREA I interoperabilityidentifier: nameOfSeries: 215 warningType: (4) NAVAREA navigational warning year: 2021	
	cancellationDate	20211128T085600Z	
	publicationTime	20211125T000000Z	
	navwarnTypeGeneral:	drifting hazards	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart: 20211125 timeOfDayEnd: timeOfDayStart: 085600Z	
	warningInformation	information:	language: eng
			text: seven containers
		NavwarnTypeDetails: container adrift	
	geometry	Point 48-40.00N 005-56.00W	

3.5.2 Example 2 – Derelict Vessel Adrift

Message element	Example 2 – Derelict Vessel Adrift
1. Message series identifier	NAVAREA II 418/21
2. General area	EASTERN NORTH ATLANTIC.
3. Locality	MADEIRA.
4. Chart number	CHART _____ (INT _____).
5. Key subject	1.DERELICT SAILING VESSEL ADRIFT IN VICINITY
6. Geographical position	32-46.60N 014-09.10W AT 031423 UTC NOV 2021.
7. Amplifying remarks	2.CANCEL THIS MSG 061423 UTC NOV 2021.
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: EASTERN NORTH ATLANTIC
	locality	localityIdentifier	
		locationName	language: eng text: MADEIRA
	messageSeriesIdentifier	agencyResponsibleForProduction: FRXX nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 418 warningType: (4) NAVAREA navigational warning year: 2021	
	cancellationDate	20211106T142300Z	
	publicationTime	20211103T142300Z	
	navwarnTypeGeneral:	drifting hazards	
	intService:	true	
	header (role)	ID00	
NAVWARNPreambleContent	theWarningPart (role)	ID01	
	fixedDateRange	dateEnd: dateStart: 20211103 timeOfDayEnd: timeOfDayStart: 142300Z	
NAVWARNPart (ID01)	warningInformation	information:	language: eng
			text: sailing vessel
		NavwarnTypeDetails: derelict vessel adrift	
	geometry	Point 32-46.60N 014-09.10W	

3.5.3 Example 3 – Fishing Net Adrift

Message element	Example 3 – Fishing Net Adrift
1. Message series identifier	NAVAREA XI 384/21
2. General area	TIMOR SEA.
3. Locality	CHART _____ (INT _____).
4. Chart number	1.FISHING NET, 50 METRES LONG, ADRIFT
5. Key subject	IN 09-27.60S 131-49.00E AT 230022 UTC NOV 2021.
6. Geographical position	2.CANCEL THIS MSG 260022 UTC NOV 2021.
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: TIMOR SEA
	messageSeriesIdentifier	agencyResponsibleForProduction: JPXX nationality: JP nameOfSeries: NAVAREA XI interoperabilityIdentifier: nameOfSeries: 384 warningType: (4) NAVAREA navigational warning year: 2021	
	cancellationDate	20211126T002200Z	
	publicationTime	20211122T000000Z	
	navwarnTypeGeneral:	drifting hazards	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart: 20211123 timeOfDayEnd: timeOfDayStart: 002200Z	
	warningInformation	information:	language: eng text: 50 metres long
		NavwarnTypeDetails: fishing net adrift	
	geometry	Point 09-27.60S 131-49.00E	

3.5.4 Example 4 – Object Adrift

Message element	Example 4 – Object Adrift
1. Message series identifier	NAVAREA IV 1044/21
2. General area	WESTERN CARIBBEAN SEA.
3. Locality	COLOMBIA.
4. Chart number	CHART _____ (INT _____).
5. Key subject	1.PARTIALLY SUBMERGED RECTANGULAR METALLIC OBJECT
6. Geographical position	ADRIFT IN VICINITY 12-58.31N 078-03.09W
7. Amplifying remarks	AT 190030 UTC NOV 2021.
8. Cancellation details	2.CANCEL THIS MSG 220030 UTC NOV 2021.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: WESTERN CARIBBEAN SEA
	locality	localityIdentifier	
		locationName	language: eng text: COLOMBIA
	messageSeriesIdentifier	agencyResponsibleForProduction: USXX nationality: US nameOfSeries: NAVAREA IV	

		interoperabilityidentifier: nameOfSeries: 1044 warningType: (4) NAVAREA navigational warning year: 2021	
	cancellationDate	20211122T003000Z	
	publicationTime	20211119T000000Z	
	navwarnTypeGeneral:	drifting hazards	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart: 20211119 timeofDayEnd: timeofdayStart: 003000Z	
	warningInformation	information:	language: eng text: PARTIALLY SUBMERGED RECTANGULAR METALLIC OBJECT
		NavwarnTypeDetails: object adrift	
	geometry	Point 12-58.31N 078-03.09W	

3.5.5 Example 5 – Buoy Adrift

Message element	Example 5 – Buoy Adrift
1. Message series identifier	NAVAREA VIII 709/21.
2. General area	BAY OF BENGAL.
3. Locality	OFF MACHILIPATNAM.
4. Chart number	CHART _____ (INT _____).
5. Key subject	1.BUOY ADRIFT IN VICINITY 15-37.90N 082-10.3E
6. Geographical position	ON 042359 UTC MAR 2021.
7. Amplifying remarks	2.CANCEL THIS MSG 072359 UTC MAR 2021.
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: BAY OF BENGAL
	locality	localityIdentifier	
		locationName	language: eng text: OFF MACHILIPATNAM
	messageSeriesIdentifier	agencyResponsibleForProduction: INXX nationality: IN nameOfSeries: NAVAREA VIII interoperabilityidentifier: nameOfSeries: 709 warningType: (4) NAVAREA navigational warning year: 2021	
	cancellationDate	20210307T235900Z	
	publicationTime	20210305T000000Z	
	navwarnTypeGeneral:	aids to navigation change	
	intService:	true	
	header (role)	ID00	
NAVWARNPreambleContent	theWarningPart (role)	ID01	
	fixedDateRange	dateEnd: dateStart: 20210304 timeofDayEnd: timeofdayStart: 2359Z	
NAVWARNPart (ID01)	warningInformation	information:	language: eng text:
		NavwarnTypeDetails: buoy adrift	
	geometry	Point 15-37.90N 082-10.30E	

3.5.6 Example 6 – Floating Debris

Message element	Example 6 - Floating Debris
1. Message series identifier	NAVAREA VII 93/21
2. General area	WESTERN INDIAN OCEAN.
3. Locality	OFF REUNION.
4. Chart number	CHART _____ (INT _____).
5. Key subject	1. WOOD DEBRIS ADRIFT IN 21-10.50S 055-12.33E AT 291036 UTC MAR 2021.
6. Geographical position	
7. Amplifying remarks	2. CANCEL THIS MSG 011036 UTC APR 2021.
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: WESTERN INDIAN OCEAN
	locality	localityIdentifier	
		locationName	language: eng text: OFF REUNION
	messageSeriesIdentifier	agencyResponsibleForProduction: ZAXX nationality: ZA nameOfSeries: NAVAREA VIII interoperabilityIdentifier: nameOfSeries: 93 warningType: (4) NAVAREA navigational warning year: 2021	
	cancellationDate	20210401T103600Z	
	publicationTime	20210329T120000Z	
	navwarnTypeGeneral:	Drifting hazards	
NAVWARNPreambleContent	intService:	true	
	header (role)	ID00	
NAVWARNPart (ID01)	theWarningPart (role)	ID01	
	fixedDateRange	dateEnd: dateStart: 20210329 timeOfDayEnd: timeOfDayStart: 1036Z	
	warningInformation	information:	language: eng text: wood debris
		NavwarnTypeDetails:	
	geometry	Point 21-10.50S 055-12.33E	

3.5.7 Example 7 – Dead Whale Adrift

Message element	Example 7 – Dead Whale Adrift
1. Message series identifier	NAVAREA IV 05/21
2. General area	NORTHWEST ATLANTIC OCEAN.
3. Locality	SOUTHEASTERN GRAND BANKS OF NEWFOUNDLAND.
4. Chart number	CHART _____ (INT _____).
5. Key subject	1. DEAD WHALE, 10 METRES IN LENGTH, REPORTED ADRIFT
6. Geographical position	IN 45-02.60N 048-52.80W AT 032100 UTC AUG 2021.
7. Amplifying remarks	2. CANCEL THIS MSG 042100 UTC AUG 2021.
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: NORTHWEST ATLANTIC OCEAN

	locality	localityIdentifier	
		locationName	language: eng text: SOUTHEASTERN GRAND BANKS OF NEWFOUNDLAND
	messageSeriesIdentifier	agencyResponsibleForProduction: USXX nationality: US nameOfSeries: NAVAREA IV interoperabilityIdentifier: nameOfSeries: 5 warningType: (4) NAVAREA navigational warning year: 2021	
	cancellationDate	20210804T210000Z	
	publicationTime	20210803T220000Z	
	navwarnTypeGeneral:	Drifting hazards	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart: 20210803 timeOfDayEnd: timeOfDayStart: 210000Z	
	warningInformation	information:	language: eng text: 10 metres in length
		NavwarnTypeDetails: dead whale adrift	
	geometry	Point 45-02.60N 048-52.80W (reported)	

3.5.8 Example 8 - Mines

Message element	Example 8 – Mines
1. Message series identifier	NAVAREA IX 71/20
2. General area	SOUTHERN RED SEA.
3. Locality	FARASAN BANK.
4. Chart number	
5. Key subject	1. MINES REPORTED ADRIFT IN AREA BOUND BY
6. Geographical position	16-45.6N 042-15.7E, 15-41.5N 042-39.4E,
7. Amplifying remarks	15-54.0N 043-02.3E, 16-58.7N 042-35.1E.
8. Cancellation details	2. MARINERS ARE REQUESTED TO NAVIGATE WITH CAUTION IN THE ABOVE AREA.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: SOUTHERN RED SEA.
	locality	localityIdentifier	
		locationName	language: eng text: FARASAN BANK
	messageSeriesIdentifier	agencyResponsibleForProduction: PKXX nationality: PK nameOfSeries: NAVAREA IX interoperabilityIdentifier: nameOfSeries: 5 warningType: (4) NAVAREA navigational warning year: 2020	
	cancellationDate		
	publicationTime	2020003T220000Z	
	navwarnTypeGeneral:	other hazards	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	

	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	warningInformation	information:	language: eng
		text: reported adrift, mariners are requested to navigate with caution	
		NavwarnTypeDetails: presence of naval mines	
	geometry	Polygon Surface (reported) 16-45.6N 042-15.7E, 15-41.5N 042-39.4E, 15-54.0N 043-02.3E, 16-58.7N 042-35.1E.	

3.5.9 Example 9 – Pumice Raft

Message element	Example 9 – Pumice Raft
1. Message series identifier	NAVAREA XIV 108/22
2. General area	SOUTH PACIFIC OCEAN.
3. Locality	LAU BASIN.
4. Chart number	1. LARGE PUMICE RAFT FROM RECENT VOLCANIC ACTIVITY IN VICINITY 18-56.0S 176-21.0W. 124 MILES WEST OF VAVAU, TONGA AT 262300 UTC AUG 2022. PUMICE RAFT APPROXIMATELY 70 SQUARE MILES IN SIZE.
5. Key subject	
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	
	2. CANCEL THIS MSG 292300 UTC AUG 2022.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng
			text: SOUTH PACIFIC OCEAN
	locality	localityIdentifier	
		locationName	language: eng
			text: LAU BASIN
	messageSeriesIdentifier	agencyResponsibleForProduction: NZXX nationality:NZ nameOfSeries: NAVAREA XIV interoperabilityIdentifier: nameOfSeries: 108 warningType: (4) NAVAREA navigational warning year: 22	
	cancellationDate	20220829T230000Z	
	publicationTime	20220826T000100Z	
	navwarnTypeGeneral:	dangerous natural phenomena	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID01	
	affects (role)	ID02	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart: 20220826 timeOfDayEnd: timeOfDayStart: 000100Z	
		warningInformation	Information:
			language:eng
			text: 70NM Large Pumice raft in vicinity
		NavwarnTypeDetails: volcano activity	
	geometry	Point 18-56.0S 176-21.0W	
NAVWARNAreaAffected (ID02)	geometry	Circle by centerpoint 70 NM radius 18-56.0S 176-21.0W	

3.6 Areas where search and rescue (SAR) and anti-pollution operations are being carried out (for avoidance of such areas)

3.6.1 Example 1 – Search and Rescue Operations

Message element	Example 1 – Search and Rescue Operations
1. Message series identifier	NAVAREA XVI 25/22
2. General area	PAITA BAY.
3. Locality	PERU.
4. Chart number	CHART _____ (INT _____).
5. Key subject	1. SAR OPERATION IN PROGRESS IN AREA BOUND BY
6. Geographical position	05-27.32S 081-44.45W, 05-22.53S 081-27.95W,
7. Amplifying remarks	05-49.57S 081-16.57W, 05-55.43S 081-32.42W.
8. Cancellation details	2. ALL VESSELS NOT UNDER INSTRUCTION OF THE SAR MISSION TO KEEP A WIDE BERTH.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: PAITA BAY
	locality	localityIdentifier	
		locationName	language: eng text: PERU
	messageSeriesIdentifier	agencyResponsibleForProduction: PEXX nationality: PE nameOfSeries: NAVAREA XV interoperabilityIdentifier: nameOfSeries: 25 warningType: (4) NAVAREA navigational warning year: 22	
	publicationTime	20220826T000100Z	
	navwarnTypeGeneral:	Special operations	
NAVWARNPreambleContent	intService:	True	
	header (role)	ID00	
NAVWARNPart (ID01)	theWarningPart (role)	ID01	
	fixedDateRange	dateEnd: dateStart: 20220826 timeOfDayEnd: timeOfDayStart: 000100Z	
	warningInformation	Information:	language: eng text: ALL VESSELS NOT UNDER INSTRUCTION OF THE SAR MISSION TO KEEP A WIDE BERTH
		NavwarnTypeDetails: SAR operation	
	geometry	Polygon Surface 05-27.32S 081-44.45W, 05-22.53S 081-27.95W, 05-49.57S 081-16.57W, 05-55.43S 081-32.42W.	

3.6.2 Example 2 – Search and Rescue Exercises

Message element	Example 2 – Search and Rescue Exercises
1. Message series identifier	NAVAREA II 417/21
2. General area	MOROCCO.
3. Locality	OFF CASABLANCA.
4. Chart number	1. SEARCH AND RESCUE EXERCISE IN PROGRESS UNTIL 041600 UTC
5. Key subject	NOV 2021 IN AREA BOUND BY
6. Geographical position	33-57.00N 008-03.03W, 34-04.80N 007-47.00W,
7. Amplifying remarks	33-46.50N 007-36.00W, 33-39.00N 007-52.00W.
8. Cancellation details	2. CANCEL THIS MSG 041700 UTC NOV 2021.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: MOROCCO
	locality	localityIdentifier	
		locationName	language: eng text: OFF CASABLANCA
	messageSeriesIdentifier	agencyResponsibleForProduction: FRXX nationality:FR nameOfSeries: NAVAREA II interoperabilityIdentifier: nameOfSeries: 417 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20211101T000100Z	
	cancellationDate	20211104T170000Z	
	navwarnTypeGeneral:	Special operations	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: 20211104 dateStart: 20211101 timeOfDayEnd: 160000Z timeOfDayStart: 000100Z	
	warningInformation	Information:	language:eng text:
		NavwarnTypeDetails: SAR exercise	
	geometry	Polygon Surface 33-57.00N 008-03.03W, 34-04.80N 007-47.00W,33-46.50N 007-36.00W, 33-39.00N 007-52.00W.	

3.6.3 Example 3 – Anti-Pollution Operations

Message element	Example 3 – Anti-Pollution Operations
1. Message series identifier	NAVAREA XII 574/22
2. General area	EASTERN NORTH PACIFIC.
3. Locality	1.THE OCEAN CLEANUP SYSTEM OPERATIONS IN PROGRESS
4. Chart number	BY M/V MAERSK TRADER AND M/V MAERSK TENDER
5. Key subject	TOWING 800 METER BARRIER MARKED WITH WHITE
6. Geographical position	LIGHTS AND RADAR REFLECTORS
7. Amplifying remarks	IN 35-14.00N 140-19.00W AT 170815Z AUG 2022.
8. Cancellation details	TWO MILE BERTH REQUESTED. 2.CANCEL NAVAREA XII 570/22.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: EASTERN NORTH PACIFIC
	messageSeriesIdentifier	agencyResponsibleForProduction: USXX nationality:US nameOfSeries: NAVAREA XII interoperabilityIdentifier: nameOfSeries: 574 warningType: (4) NAVAREA navigational warning year: 22	
	cancellationDate	20220829T230000Z	
	publicationTime	20220826T000100Z	
	navwarnTypeGeneral:	special operations	
	intService:	True	

NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID01	
	affects (role)	ID02	
NAVWARWNReferences	theWarning(role)	ID01	
	theReferences (role)	ID03	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart: 20220817 timeOfDayEnd: timeOfDayStart: 081500Z	
	warningInformation	Information:	language:eng text: OCEAN CLEANUP SYSTEM OPERATIONS IN PROGRESS BY M/V MAERSK TRADER AND M/V MAERSK TENDER TOWING 800 METER BARRIER MARKED WITH WHITE LIGHTS AND RADAR REFLECTORS AT 170815Z AUG 2022
		NavwarnTypeDetails: anti pollution exercise	
	geometry	Point 35-14.00N 140-19.00W	
NAVWARNAreaAffected (ID02)	geometry	Circle by centerpoint 2 NM radius 35-14.00N 140-19.00W	
References(ID03)	messageSeriesIdentifier	agencyResponsibleForProduction: USXX nationality:US nameOfSeries: NAVAREA XII interoperabilityIdentifier: nameOfSeries: 570 warningType: (4) NAVAREA navigational warning year: 22	
	noMessageOnHand	false	
	referenceCategory	(1) warning cancellation	

3.7 The presence of newly discovered rocks, shoals, reefs and wrecks likely to constitute a danger to shipping, and, if relevant, their marking

3.7.1 Example 1 - Shoal

Message element	Example 1 - Shoal
1. Message series identifier	NAVAREA XVII 83/21
2. General area	CANADIAN ARCTIC.
3. Locality	VICTORIA STRAIT.
4. Chart number	CHART _____ (INT _____).
5. Key subject	27.8 METRE SHOAL LOCATED IN 68-58.95N 101-08.32W.
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text:CANADIAN ARTIC
	locality	localityIdentifier	
		locationName	language: eng text: VICTORIA STRAIT
	messageSeriesIdentifier	agencyResponsibleForProduction: CAXX	

		nationality:CA nameOfSeries: NAVAREA XVII interoperabilityidentifier: nameOfSeries: 83 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20211101T000100Z	
	navwarnTypeGeneral:	newly discovered dangers	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	warningInformation	information	Language:eng
			text:
		navwarnTypeDetails: shallow depth confirmed	
	geometry	Point 68-58.95N 101-08.32W	

3.7.2 Example 2 – Shallow depth reported

Message element	Example 2 – Shallow depth reported
1. Message series identifier	NAVAREA V 372/21
2. General area	NORTH ATLANTIC OCEAN.
3. Locality	OFF SAO SEBASTIAO.
4. Chart number	CHART _____ (INT _____).
5. Key subject	DEPTHS REPORTED:
6. Geographical position	A. 15 METRES IN 24-00.75S 045-41.75W.
7. Amplifying remarks	B. 15 METRES IN 24-01.50S 045-23.90W.
8. Cancellation details	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text:NORTH ATLANTIC OCEAN
	locality	localityIdentifier	
		locationName	language: eng text: OFF SAO SEBASTIAO
	messageSeriesIdentifier	agencyResponsibleForProduction: BRXX nationality:BR nameOfSeries: NAVAREA V interoperabilityidentifier: nameOfSeries: 372 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20211101T000100Z	
	navwarnTypeGeneral:	newly discovered dangers	
NAVWARNPreambleContent	intService:	True	
	header (role)	ID00	
NAVWARNPart (ID01)	theWarningPart (role)	ID01, ID02	
	warningInformation	information	language:eng
			text:15 Metres
		navwarnTypeDetails: shallow depth reported	
	geometry	Point (Reported) 24-00.75S 045-41.75W	
NAVWARNPART(ID02)	warningInformation	information	language:eng
			text:15 Metres
		navwarnTypeDetails: shallow depth reported	
	geometry	Point (reported) 24-01.50S 045-23.90W	

3.7.3 Example 3 – Uncharted Rock

Message element	Example 3 – Uncharted Rock
-----------------	----------------------------

1. Message series identifier	NAVAREA X 290/21
2. General area	EASTERN INDIAN OCEAN.
3. Locality	AUSTRALIA-NORTHWEST COAST.
4. Chart number	CHART _____ (INT _____).
5. Key subject	UNCHARTED ROCK REPORTED IN 16-53.06S 122-03.78E.
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: EASTERN INDIAN OCEAN
	locality	localityIdentifier	
		locationName	language: eng text: AUSTRALIA-NORTHWEST COAST
	messageSeriesIdentifier	agencyResponsibleForProduction: AUXX nationality: AU nameOfSeries: NAVAREA X interoperabilityIdentifier: nameOfSeries: 290 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20211101T000100Z	
	navwarnTypeGeneral:	newly discovered dangers	
NAVWARNPreambleContent	intService:	True	
	header (role)	ID00	
NAVWARNPart (ID01)	theWarningPart (role)	ID01	
	warningInformation	information	language: eng text:
		navwarnTypeDetails: uncharted rock	
	geometry	Point (Reported) 16-53.06S 122-03.78E	

3.7.4 Example 4 – Submerged Object

Message element	Example 4 – Submerged Object
1. Message series identifier	NAVAREA XIII 11/21
2. General area	KARA SEA.
3. Locality	ZALIV CHIKHACHYOVA.
4. Chart number	CHART _____ (INT _____).
5. Key subject	UNDERWATER OBSTRUCTION LOCATED IN 59-29.25N 140-54.76W.
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: KARA SEA
	locality	localityIdentifier	
		locationName	language: eng text: ZALIV CHIKHACHYOVA
	messageSeriesIdentifier	agencyResponsibleForProduction: RUXX nationality: RU nameOfSeries: NAVAREA XIII interoperabilityIdentifier: nameOfSeries: 11 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20211101T000100Z	

	navwarnTypeGeneral:	newly discovered dangers	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	warningInformation	information	language:eng text:underwater obstruction located
		navwarnTypeDetails: submerged object	
	geometry	Point 59-29.25N 140-54.76W	

3.7.5 Example 5 – Less Water than Charted

Message element	Example 5 – Less Water than Charted
1. Message series identifier	NAVAREA XVI 98/21.
2. General area	PERU.
3. Locality	BAHIA DEL CALLAO.
4. Chart number	CHART _____ (INT _____).
5. Key subject	LESS WATER THAN CHARTED REPORTED
6. Geographical position	11-59.89S 077-17.50W.
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text:PERU
	locality	localityIdentifier	
		locationName	language: eng text: BAHIA DEL CALLAO
	messageSeriesIdentifier	agencyResponsibleForProduction: PRXX nationality:PR nameOfSeries: NAVAREA XVI interoperabilityidentifier: nameOfSeries: 98 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20211101T000100Z	
	navwarnTypeGeneral:	Dangerous natural phenomena	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	warningInformation	information	language:eng text: Less Water than Charted
		navwarnTypeDetails: low water level	
	geometry	Point (Reported) 11-59.89S 077-17.50W	

3.8 Unexpected alteration or suspension of established routes

3.8.1 Example 1 – TSS Closure

Message element	Example 1 – TSS Closure
1. Message series identifier	NAVAREA XIX 15/22
2. General area	BARENTS SEA
3. Locality	1. DUE TO ROCKET LAUNCHING THE USE OF THE FOLLOWING
4. Chart number	TRAFFIC SEPARATION SCHEME AND RECOMMENDED ROUTE ARE
5. Key subject	TEMPORARILY SUSPENDED FROM 191400 TO 221400 UTC FEB 2022:
6. Geographical position	A. TSS OFF VARDOE AND TSS OFF SLETTNES
7. Amplifying remarks	B. RECOMMENDED ROUTE BETWEEN TSS OFF VARDOE AND TSS

8. Cancellation details	OFF SLETTNES 2. CANCEL NAVAREA XIX 14/22 3. CANCEL THIS MESSAGE 221400 UTC FEB 2022
-------------------------	---

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: Barents Sea
	messageSeriesIdentifier	agencyResponsibleForProduction: NOXX nationality:NO nameOfSeries: NAVAREA XIX interoperabilityidentifier: nameOfSeries: 15 warningType: (4) NAVAREA navigational warning year: 2022	
	cancellationDate	20220222T140000Z	
	publicationTime	20220216T140000Z	
	navwarnTypeGeneral:	Routing change	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01, ID02, ID03	
NAVWARWNReferences	theWarning(role)	ID00	
	theReferences (role)	ID04	
NAVWARNPart (ID01)	featureName	nameUsage: language: name: TSS OFF VARDOE	
	fixedDateRange	dateEnd: 20220222 dateStart: 20220219 timeOfDayEnd: 140000Z timeOfDayStart: 140000Z	
	warningInformation	information:	language: eng text: DUE TO ROCKET LAUNCHING THE USE OF THE FOLLOWING TRAFFIC SEPARATION SCHEME AND RECOMMENDED ROUTE ARE TEMPORARILY SUSPENDED
		NavwarnTypeDetails: waterway recommended or not recommended for shipping	
	geometry	Polygon surface: 70-33.75N 031-45.45E, 70-48.9N 31-57.4E, 70-41.9N 031-44.4E, 70-47.1N 031-24.6E	
NAVWARNPart (ID02)	featureName	nameUsage: language: name: TSS OFF SLETTNES	
	fixedDateRange	dateEnd: 20220222 dateStart: 20220219 timeOfDayEnd: 140000Z timeOfDayStart: 140000Z	
	warningInformation	information:	language: eng text: DUE TO ROCKET LAUNCHING THE USE OF THE FOLLOWING TRAFFIC SEPARATION SCHEME AND RECOMMENDED ROUTE ARE TEMPORARILY SUSPENDED
		NavwarnTypeDetails: waterway recommended or not recommended for shipping	
	geometry	Polygon surface: 70-59.1N 017-32.1E, 071-03.6N 018-48.3E, 71-06.6N 019-07.9E, 70-59.1N 019-18.4E, 70-56.9N 19-01.5E, 70-52.9N 018-48.2E.	
NAVWARNPart (ID03)	featureName	nameUsage:	

		language: name: RECOMMENDED ROUTE BETWEEN TSS OFF VARDOE AND TSS OFF SLETTNES	
	fixedDateRange	dateEnd: 20220222 dateStart: 20220219 timeOfDayEnd: 140000Z timeOfDayStart: 140000Z	
	warningInformation	information:	language: eng
			text: DUE TO ROCKET LAUNCHING THE USE OF THE FOLLOWING TRAFFIC SEPARATION SCHEME AND RECOMMENDED ROUTE ARE TEMPORARILY SUSPENDED
		NavwarnTypeDetails: waterway recommended or not recommended for shipping	
	geometry	Curve (line) 71-02-9N 19-13.3E, 71-29.6N 22-19.5E, 71-42.2N 025-50.6E, 071-25.5N 029-04.7E, 70-50.1N 031-33.9E.	
References (ID04)	messageSeriesIdentifier	agencyResponsibleForProduction: NOXX nationality:NO nameOfSeries: NAVAREA XIX interoperabilityidentifier: nameOfSeries: 14 warningType: (4) NAVAREA navigational warning year: 2022	
	noMessageOnHand	False	
	referenceCategory	Warning cancellation = 1	

3.8.2 Example 2 – Compulsory Pilotage

Message element	Example 2 – Compulsory Pilotage
1. Message series identifier	NAVAREA X 234/22
2. General area	AUSTRALIA NORTH COAST. TORRES STRAIT.
3. Locality	CHART _____(INT _____).
4. Chart number	COMPULSORY TORRES STRAIT PILOTAGE 10-32S 143-01E.
5. Key subject	MASTERS OF SHIPS 70 METRES IN LENGTH OVERALL OR GREATER, AND ALL LOADED OIL, CHEMICAL TANKERS OR LIQUEFIED GAS CARRIERS ARE ADVISED THAT AUSTRALIAN LAW HAS BEEN AMENDED TO REQUIRE A LICENSED PILOT TO BE ENGAGED WHEN NAVIGATING THE TORRES STRAIT. ALL SHIPS WILL BE AUTOMATICALLY CHECKED FOR COMPLIANCE AND THE FAILURE TO EMBARK A LICENSED PILOT MAY RESULT IN PROSECUTION. MASTERS OF SHIPS SHOULD ENSURE CONTACT IS MADE IN A TIMELY MANNER WITH A PILOTAGE PROVIDER TO GUARANTEE A LICENSED PILOT IS BOOKED. THE FOLLOWING ARE THE CONTACT DETAILS OF THE TWO COMPANIES THAT CAN PROVIDE LICENSED PILOTS: AUSTRALIAN REEF PILOTS PTY LTD. – OPERATIONS@REEFPILOTS.COM.AU. TORRES PILOTS PTY LTD - OPERATIONS@TORRESPILOTS.COM.AU.
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: Australia North Coast
	locality	localityIdentifier	
		locationName	language: eng text: Torres Strait
	messageSeriesIdentifier	agencyResponsibleForProduction: AUXX	

		nationality:AU nameOfSeries: NAVAREA X interoperabilityidentifier: nameOfSeries: 234 warningType: (4) NAVAREA navigational warning year: 22	
	publicationTime	2022101T000100Z	
	navwarnTypeGeneral:	Routeing change	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	warningInformation	information	language:eng text: COMPULSORY TORRES STRAIT PILOTAGE MASTERS OF SHIPS 70 METRES IN LENGTH OVERALL OR GREATER, AND ALL LOADED OIL, CHEMICAL TANKERS OR LIQUEFIED GAS CARRIERS ARE ADVISED THAT AUSTRALIAN LAW HAS BEEN AMENDED TO REQUIRE A LICENSED PILOT TO BE ENGAGED WHEN NAVIGATING THE TORRES STRAIT. ALL SHIPS WILL BE AUTOMATICALLY CHECKED FOR COMPLIANCE AND THE FAILURE TO EMBARK A LICENSED PILOT MAY RESULT IN PROSECUTION. MASTERS OF SHIPS SHOULD ENSURE CONTACT IS MADE IN A TIMELY MANNER WITH A PILOTAGE PROVIDER TO GUARANTEE A LICENSED PILOT IS BOOKED. THE FOLLOWING ARE THE CONTACT DETAILS OF THE TWO COMPANIES THAT CAN PROVIDE LICENSED PILOTS: AUSTRALIAN REEF PILOTS PTY LTD. – OPERATIONS@REEFPILOTS.COM.AU. TORRES PILOTS PTY LTD - OPERATIONS@TORRESPILOTS.COM.AU.
		navwarnTypeDetails: new or amended regulation	
	geometry	Point 10-32S 143-01E.	

3.8.3 Example 3 – Port Closure

Message element	Example 5 – Port Closure
1. Message series identifier	NAVAREA IV 785/21.
2. General area	GULF OF MEXICO
3. Locality	DUE TO PASSAGE OF HURRICANE IDA:
4. Chart number	1. THE FOLLOWING PORT(S) ARE CLOSED:
5. Key subject	A. PORT OF BATON ROUGE 30-27N 091-11W.
6. Geographical position	B. PORT OF NEW ORLEANS 29-57N 090-03W.
7. Amplifying remarks	2. THE FOLLOWING PORT(S) ARE OPEN WITH RESTRICTIONS:
8. Cancellation details	A. PASCAGOULA 30-21N 088-34W.
	B. PENSACOLA 30-24N 087-13W.
	3. THE FOLLOWING PORT(S) HAVE RE-OPENED:
	A. MOBILE 30-41N 088-07W.
	4. CURRENT PORT INFORMATION CAN BE FOUND AT HOMEPORT.USCG.MIL USING TH-E PORT DIRECTORY TAB.
	5. CANCEL NAVAREA IV 780/21.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: GULF OF MEXICO
	messageSeriesIdentifier	agencyResponsibleForProduction: USXX nationality:US nameOfSeries: NAVAREA IV interoperabilityIdentifier: nameOfSeries: 785 warningType: (4) NAVAREA Navigational Warnings year: 21	
	publicationTime	20210101T000100Z	
	navwarnTypeGeneral:	Routeing change	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01, ID02, ID03, ID04	
NAVWARWNReferences	theWarning(role)	ID00	
	theReferences (role)	ID05	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart:20210101 timeOfDayEnd: timeOfDayStart:000100Z	
	warningInformation	information:	language: eng text: THE FOLLOWING PORTS ARE CLOSED. CURRENT PORT INFORMATION CAN BE FOUND AT HOMEPORT.US CG.MIL USING TH-E PORT DIRECTORY TAB.
		NavwarnTypeDetails: opening or closing of harbour	
	geometry	Point 30-27N 091-11W.	
	geometry	Point 29-57N 090-03W.	
NAVWARNPart (ID02)	fixedDateRange	dateEnd: dateStart:20210101 timeOfDayEnd: timeOfDayStart:000100Z	
	warningInformation	information:	language: eng text: THE FOLLOWING PORTS ARE OPEN WITH RESTRICTIONS. CURRENT PORT INFORMATION CAN BE FOUND AT HOMEPORT.US CG.MIL USING TH-E PORT DIRECTORY TAB.
		NavwarnTypeDetails: opening or closing of harbour	
	geometry	Point 30-21N 088-34W.	
	geometry	Point 30-24N 087-13W.	
NAVWARNPart (ID03)	fixedDateRange	dateEnd: dateStart:20210101 timeOfDayEnd: timeOfDayStart:000100Z	
	warningInformation	information:	language: eng text: THE FOLLOWING PORTS HAVE REOPENED. CURRENT PORT INFORMATION CAN BE

			FOUND AT HOMEPORT.US CG.MIL USING TH-E PORT DIRECTORY TAB.
			NavwarnTypeDetails: opening or closing of harbour
	geometry	Point 30-41N 088-07W.	
References	messageSeriesIdentifier	agencyResponsibleForProduction: USXX nationality:US nameOfSeries: NAVAREA IV interoperabilityidentifier: nameOfSeries: 780 warningType: (4) NAVAREA Navigational Warnings year: 2021	
	noMessageOnHand	False	
	referenceCategory	Warning cancellation = 1	

3.9 Cable or pipe-laying activities, seismic survey, the towing of large submerged objects for research or exploration purposes, the employment of manned or unmanned submersibles, or other underwater operations constituting potential dangers in or near shipping lanes

3.9.1 Example 1 – Hydrographic Survey

Message element	Example 1 – Hydrographic Survey
1. Message series identifier	NAVAREA III 821/21
2. General area	EASTERN MEDITERRANEAN SEA.
3. Locality	CYPRUS.
4. Chart number	CHART _____ (INT _____).
5. Key subject	1. HYDROGRAPHIC SURVEY IN PROGRESS UNTIL
6. Geographical position	170001 UTC NOV 2021
7. Amplifying remarks	BY M/V NAUTICAL GEO IN AREA BOUND BY
8. Cancellation details	34-18.65N 033-08.00E, 34-24.23N 032-20.74E, 34-20.11N 032-20.63E, 34-13.36N 033-07.27E. WIDE BERTH REQUESTED.
	2. CANCEL THIS MSG 170101 UTC NOV 2021.

NWPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: EASTERN MEDITERRANEAN SEA
	locality	localityIdentifier	
		locationName	language: eng text: CYPRUS
	messageSeriesIdentifier	agencyResponsibleForProduction: ESXX nationality: ES nameOfSeries: NAVAREA III interoperabilityidentifier: nameOfSeries: 821 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20211113T000000Z	
	cancellationDate	20211117T010100Z	
	navwarnTypeGeneral:	Special operations	
	intService:	true	
	NAVWARNPreambleContent	header (role)	ID00
		theWarningPart (role)	ID01
NavigationWarn Part (ID01)	fixedDateRange	dateEnd: 20211117 dateStart: 20211113	

	warningInformation	timeOfDayEnd:000100Z timeOfDayStart: 000000Z	
		information	language: eng
		text: M/V NAUTICAL GEO WIDE BERTH REQUESTED	
	geometry	navwarwnTypeDetails: hydrographic survey activity POLYGON (SURFACE) 34-18.65N 033-08.00E, 34-24.23N 032-20.74E,34-20.11N 032-20.63E, 34-13.36N 033-07.27E.	

3.9.2 Example 2 – Scientific Survey

Message element	Example 2 – Scientific Survey
1. Message series identifier	NAVAREA XV 95/21
2. General area	EASTERN SOUTH PACIFIC.
3. Locality	CHILE
4. Chart number	CHART _____ (INT _____).
5. Key subject	1. SCIENTIFIC OPERATIONS BY M/V ABATE MOLINA FROM 090345 UTC MAY 2021 TO 07000 UTC JUN 2021
6. Geographical position	IN AREA BOUND BY 32-10.00S 071-41.00W, 38-02.00S 074-05.00W, 40-20.00S 074-40.00W, 40-20.00S 073-47.00W.
7. Amplifying remarks	WIDE BERTH REQUESTED.
8. Cancellation details	2. CANCEL THIS MSG 070100 UTC JUN 2021.

NWPreable (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: EASTERN SOUTH PACIFIC
	locality	localityIdentifier	
		locationName	language: eng text: CHILIE
	messageSeriesIdentifier	agencyResponsibleForProduction: CLXX nationality: CL nameOfSeries: NAVAREA XV interoperabilityIdentifier: nameOfSeries: 95 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210507T000000Z	
	cancellationDate	20210607T010000Z	
	navwarnTypeGeneral:	Special operations	
	intService:	True	
	NAVWARNPreambleContent	header (role)	ID00
NavigationalWarn Part (ID01)		theWarningPart (role)	ID01
	fixedDateRange	dateEnd: 20210607 dateStart:20210509 timeOfDayEnd:000100Z timeOfDayStart: 000000Z	
	warningInformation	information	language: eng text: M/V ABATE MOLINA WIDE BERTH REQUESTED
		navwarwnTypeDetails:	
	geometry	POLYGON (SURFACE) 32-10.00S 071-41.00W, 38-02.00S 074-05.00W,40-20.00S 074-40.00W, 40-20.00S 073-47.00W.	

3.9.3 Example 3 – Seismic Survey

Message element	Example 3 – Seismic Survey
1. Message series identifier	NAVAREA XIII 43/21
2. General area	SEA OF OKHOTSK.
3. Locality	CHART _____ (INT _____)
4. Chart number	1. SEISMIC SURVEY OPERATIONS IN PROGRESS
5. Key subject	UNTIL 310001 UTC AUG 2021 BY M/V VYACHESLAV TIKHONOV AND M/V
6. Geographical position	PX GEO TOWING 4050 METER LONG CABLES IN AREA BOUND BY
7. Amplifying remarks	52-46.56N 143-22.21E, 52-45.73N 143-57.85E,
8. Cancellation details	52-02.62N 143-54.99E, 52-03.61N 143-11.28E. FOUR MILE BERTH REQUESTED. 2. CANCEL THIS MSG 3101001 UTC AUG 2021.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: SEA OF OKHOTSK
	locality	localityIdentifier	
		locationName	language: eng text:
	messageSeriesIdentifier	agencyResponsibleForProduction: RUXX nationality: RU nameOfSeries: NAVAREA XIII interoperabilityIdentifier: nameOfSeries: 43 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	202108029T000000Z	
	cancellationDate	20210831T010100Z	
	navwarnTypeGeneral:	Special operations	
NAVWARNPreambleContent	intService:	True	
	header (role)	ID00	
NAVWARNPart (ID01)	theWarningPart (role)	ID01	
	fixedDateRange	dateEnd: 20210831 dateStart: 20210829 timeOfDayEnd: 000100Z timeOfDayStart: 000000Z	
	warningInformation	information	language: eng text: BY M/V VYACHESLAV TIKHONOV AND M/V PX GEO TOWING 4050 METER LONG CABLES, FOUR MILE BERTH REQUESTED.
		navwarwnTypeDetails: seismic survey operation	
	geometry	POLYGON (SURFACE) 52-46.56N 143-22.21E, 52-45.73N 143-57.85E, 52-02.62N 143-54.99E, 52-03.61N 143-11.28E.	

3.9.4 Example 4 – Dredging Operations

Message element	Example 4 – Dredging Operations
1. Message series identifier	NAVAREA XVIII 42/21
2. General area	HUDSON BAY.
3. Locality	CANADA.
4. Chart number	CHART _____ (INT _____).
5. Key subject	DREDGING OPERATIONS 1100 UTC TO 2300 UTC DAILY 18 AUG 2021
6. Geographical position	UNTIL FURTHER NOTICE BY TUGS POINCIANA AND MANUELS RIVER
7. Amplifying remarks	IN VICINITY 47-12.96N 061-59.09W.
8. Cancellation details	

NWPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: HUDSON BAY
	locality	localityIdentifier	
		locationName	language: eng text: CANADA
	messageSeriesIdentifier	agencyResponsibleForProduction: CAXX nationality: CA nameOfSeries: NAVAREA XVIII interoperabilityIdentifier: nameOfSeries: 42 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	202108017T000000Z	
	navwarnTypeGeneral:	works	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NavigationalWarn Part (ID01)	fixedDateRange	dateEnd: dateStart:20210818 timeOfDayEnd: timeOfDayStart: 110000Z	
		information	language: eng text: 1100 UTC TO 2300 UTC DAILY 18 AUG 2021 UNTIL FURTHER NOTICE BY TUGS POINCIANA AND MANUELS RIVER.
	warningInformation	navwarwnTypeDetails: dredging operation	
	geometry	POINT 47-12.96N 061-59.09W	

3.9.5 Example 5 – Pipe Laying Operations

Message element	Example 5 – Pipe laying operations
1. Message series identifier	NAVAREA III 795/21
2. General area	MEDITERRANEAN SEA.
3. Locality	TUNISIA.
4. Chart number	CHART _____ (INT _____).
5. Key subject	1. PIPELAYING OPERATIONS IN PROGRESS UNTIL 130001 UTC FEB 2022
6. Geographical position	BY M/V IEVOLI IVORI IN AREA BOUND BY
7. Amplifying remarks	37-01.01N 011-04.22E, 37-12.80N 011-15.51E,
8. Cancellation details	37-12.80N 011-15.10E, 37-25.47N 011-42.71E. ONE MILE BERTH REQUESTED. 2. CANCEL THIS MSG 130001 UTC FEB 2022.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: MEDITERRANEAN SEA.
	locality	localityIdentifier	
		locationName	language: eng text: Tunisia
	messageSeriesIdentifier	agencyResponsibleForProduction: ESXX nationality: ES nameOfSeries: NAVAREA III interoperabilityIdentifier: nameOfSeries: nameOfSeries: 795 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210209T000001Z	
	cancellationDate	20210213T000100Z	

NAVWARNPreambleContent	navwarnTypeGeneral:	works	
	intService:	True	
	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: 20210213 dateStart:20210209 timeofDayEnd: 000100Z timeofDayStart: 000001Z	
	warningInformation	information	language: eng
		text: M/V IEVOLI IVORI. ONE MILE BERTH REQUESTED	
		navwarwnTypeDetails: pipe laying operation	
	geometry	POLYGON (SURFACE) 37-01.01N 011-04.22E, 37-12.80N 011-15.51E, 37-12.80N 011-15.10E, 37-25.47N 011-42.71E.	

3.9.6 Example 6 – Unmanned Operations

Message element	Example 6 – Unmanned operations
1. Message series identifier	NAVAREA IV 1123/21
2. General area	NORTH ATLANTIC OCEAN.
3. Locality	1. UNMANNED ATLANTIC CROSSING BY FOUR METRE
4. Chart number	M/V MAHI TWO IN VICINITY OF LINE JOINING
5. Key subject	19-38.30N 035-00.00W, 18-50.01N 036-36.39W,
6. Geographical position	17-24.81N 044-29.68W, 17-04.67N 051-21.64W,
7. Amplifying remarks	16-23.00N 059-04.41W.
8. Cancellation details	2. FOR THE MOST CURRENT POSITION OF M/V MAHI TWO, GO TO PROJECTMAHI.DATYLO.COM

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng
			text: NORTH ATLANTIC OCEAN
	messageSeriesIdentifier	agencyResponsibleForProduction: USXX nationality: US nameOfSeries: NAVAREA IV interoperabilityIdentifier: nameOfSeries: nameOfSeries: 1123 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210209T000001Z	
	navwarnTypeGeneral:	Other: Unmanned Operations	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart:20210209 timeofDayEnd: timeofDayStart: 000001Z	
	warningInformation	information	language: eng
		text: M/V UNMANNED ATLANTIC CROSSING BY FOUR METRE M/V MAHI TWO. FOR THE MOST CURRENT POSITION OF M/V MAHI TWO,GO TO PROJECTMAHI.DATYLO.COM	
	geometry	LINE(SURFACE) 19-38.30N 035-00.00W, 18-50.01N 036-36.39W,17-24.81N 044-29.68W, 17-04.67N 051-21.64W,16-23.00N 059-04.41W.	

3.9.7 Example 7 – Cable Laying Operations

Message element	Example 7 – Cable Laying Operations
1. Message series identifier	NAVAREA I 193/21
2. General area	WESTERN APPROACHES TO THE ENGLISH CHANNEL.
3. Locality	CHART _____ (INT _____).
4. Chart number	CABLE LAYING OPERATIONS IN PROGRESS BY M/V ILE DE
5. Key subject	BREHAT IN VICINITY OF LINES JOINING:
6. Geographical position	A. 49-00.80N 007-55.60W, 49-02.20N 007-53.90W.
7. Amplifying remarks	B. 49-05.10N 007-52.40W, 49-06.00N 007-52.60W.
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: WESTERN APPROACHES TO THE ENGLISH CHANNEL.
	messageSeriesIdentifier	agencyResponsibleForProduction: UKXX nationality: UK nameOfSeries: NAVAREA I interoperabilityIdentifier: nameOfSeries: nameOfSeries: 193 warningType: (4) NAVAREA navigational warning year: 21	
	publicationTime	20210209T000001Z	
	navwarnTypeGeneral:	works	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart:20210209 timeOfDayEnd: timeOfDayStart: 000001Z	
	warningInformation	information	language: eng text: M/V ILE DE BREHAT
		navwarwnTypeDetails: cable laying operation	
	geometry	LINE(SURFACE) 49-00.80N 007-55.60W, 49-02.20N 007-53.90W.	
	geometry	LINE(SURFACE) 9-05.10N 007-52.40W, 49-06.00N 007-52.60W.	

3.9.8 Example 8 – Ship to Ship Operations

Message element	Example 8 – Ship to Ship Operations
1. Message series identifier	NAVAREA IV 20/22
2. General area	WESTERN SOUTH ATLANTIC.
3. Locality	EAST OF PARANAGUA.
4. Chart number	CHART _____ (INT _____).
5. Key subject	1. SHIP TO SHIP OPERATIONS 290900 UTC DEC 2021 TO
6. Geographical position	010900 UTC JAN 2022 BETWEEN M/V LENA KNUTSEN AND
7. Amplifying remarks	M/V SAVEIROS IN 10-02.28N 060-15.08W.
8. Cancellation details	2. CANCEL THIS MESSAGE 011000 UTC JAN 2022.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: WESTERN SOUTH ATLANTIC.
	locality	localityIdentifier	
		locationName	language: eng

		text: EAST OF PARANAGUA.	
	messageSeriesIdentifier	agencyResponsibleForProduction: USXX nationality: US nameOfSeries: NAVAREA IV interoperabilityIdentifier: nameOfSeries: nameOfSeries: 20 warningType: (4) NAVAREA navigational warning year: 22	
	publicationTime	20211224T090001Z	
	cancellationDate	20220101T100000Z	
	navwarnTypeGeneral:	Other = Ship to Ship operations	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: 20220101 dateStart: 20211229 timeOfDayEnd: 090000Z timeOfDayStart: 090000Z	
	warningInformation	information	language: eng text: M/V LENA KNUTSEN AND M/V SAVEIROS
	geometry	POINT 10-02.28N 060-15.08W	

3.9.9 Example 9 – Diving Operations

Message element	Example 8 – Diving operations
1. Message series identifier	NAVAREA V 20/22
2. General area	WESTERN SOUTH ATLANTIC.
3. Locality	EAST OF PONTA DO UBU.
4. Chart number	CHART _____ (INT _____).
5. Key subject	1.DIVING OPERATIONS IN PROGRESS 1100 UTC TO 2100
6. Geographical position	UTC DAILY 23 TO 26 OCT 2022 IN 20-50.33S 040-03.52W.
7. Amplifying remarks	2.CANCEL THIS MESSAGE 262200 UTC OCT 2022.
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: WESTERN SOUTH ATLANTIC.
	locality	localityIdentifier	
		locationName	language: eng text: EAST OF PONTA DO UBU.
	messageSeriesIdentifier	agencyResponsibleForProduction: BRXX nationality: BR nameOfSeries: NAVAREA V interoperabilityIdentifier: nameOfSeries: nameOfSeries: 20 warningType: (4) NAVAREA navigational warning year: 22	
	publicationTime	20221024T000001Z	
	cancellationDate	20221026T220000Z	
	navwarnTypeGeneral:	works	
	intService:	True	
	header (role)	ID00	
NAVWARNPreambleContent	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: 20221023 dateStart: 20221023 timeOfDayEnd: 210000Z timeOfDayStart: 110000Z	

	fixedDateRange	dateEnd: 20221024 dateStart:20221024 timeOfDayEnd: 210000Z timeOfDayStart: 110000Z	
	fixedDateRange	dateEnd: 20221025 dateStart:20221025 timeOfDayEnd: 210000Z timeOfDayStart: 110000Z	
	fixedDateRange	dateEnd: 20221026 dateStart:20221026 timeOfDayEnd: 210000Z timeOfDayStart: 110000Z	
	warningInformation	information	language: eng text: 1100 UTC TO 2100 UTC DAILY 23 TO 26 OCT 2022
		navwarnTypeDetails: diving operation	
	geometry	POINT 20-50.33S 040-03.52W	

3.10 The establishment of research or scientific instruments in or near shipping lanes

3.10.1 Example 1 – Scientific Mooring

Message element	Example 1 – Scientific Mooring
1. Message series identifier	NAVAREA II 251/22
2. General area	BAY OF BISCAY.
3. Locality	SPAIN.
4. Chart number	CHART _____ (INT _____).
5. Key subject	1. SCIENTIFIC MOORINGS ESTABLISHED UNTIL 010001 UTC MAR 2022 BY
6. Geographical position	M/V ATALANTE IN:
7. Amplifying remarks	A. 46-06.00N 006-47.00W.
8. Cancellation details	B. 44-10.00N 002-10.00W. 2. CANCEL THIS MSG 010100 UTC MAR 2022.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: Bay of Biscay
	locality	localityIdentifier	
		locationName	language: eng text: Spain
	messageSeriesIdentifier	agencyResponsibleForProduction: FRXX nationality: FR nameOfSeries: NAVAREA II interoperabilityIdentifier: nameOfSeries: 251 warningType: (4) NAVAREA Navigational Warning year: 2022	
	cancellationDate	20220301T010000Z	
	publicationTime	20220201T000001Z	
	navwarnTypeGeneral:	Scientific Instruments Change	
	intService:	Y	
	NAVWARNPreambleContent	header (role)	ID00
AreaAffected		theWarningPart (role)	ID01
		impacts (role)	ID01
		affects (role)	ID02
NAVWARNPart (ID01)	fixedDateRange	dateEnd:20220301 dateStart:	

		timeOfDayEnd:000100Z timeOfDayStart:	
	warningInformation	information:	language:eng text: established by M/V ATALANTE
		NavwarnTypeDetails: scientific moorings	
	geometry	Point 46-06.00N 006-47.00W.	
	geometry	Point 44-10.00N 002-10.00W	
NAVWARNAreaAffected (ID02)	geometry	Circle by center point radius 2 NM 46-06.00N 006-47.00W.	
	geometry	Circle by center point radius 2 NM 44-10.00N 002-10.00W	

3.10.2 Example 2 – Tide Gauge

Message element	Example 2 – Tide Gauge
1. Message series identifier	NAVAREA X 180/21
2. General area	ARAFURA SEA.
3. Locality	AUSTRALIA-NORTH COAST.
4. Chart number	CHART _____ (INT _____).
5. Key subject	TIDE GAUGE IN 10-31.30S 141-12.70E UNRELIABLE.
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: ARAFURA SEA
	locality	localityIdentifier	
		locationName	language: eng text: AUSTRALIA-NORTH COAST
	messageSeriesIdentifier	agencyResponsibleForProduction: AUXX nationality: AU nameOfSeries: NAVAREA X interoperabilityIdentifier: nameOfSeries: 180 warningType: (4) NAVAREA Navigational Warning year: 2021	
	cancellationDate		
	publicationTime	20210201T0000001Z	
	navwarnTypeGeneral:	Scientific Instruments Change	
	intService:	Y	
	NAVWARNPreambleContent	header (role)	ID00
AreaAffected	theWarningPart (role)	ID01	
	impacts (role)	ID01	
NAVWARNPart (ID01)	affects (role)	ID02	
	fixedDateRange	dateEnd: dateStart: 20210201 timeOfDayEnd: timeOfDayStart:000001Z	
	warningInformation	information:	language:eng text: established by GAUGE UNRELIABLE
		NavwarnTypeDetails: tide gauge change	
NAVWARNAreaAffected (ID02)	geometry	Point 10-31.3S 141-12.7E	
	geometry	Circle by center point radius 2 NM 0-31.3S 141-12.7E	

3.10.3 Example 3 – Scientific Buoy

Message element	Example 3
1. Message series identifier	NAVAREA IV 333/21

2. General area	NORTH ATLANTIC OCEAN. GRAND BANKS OF NEWFOUNDLAND. CHART _____ (INT _____). DART BUOY ESTABLISHED 44-04.58N 055-12.80W.
3. Locality	
4. Chart number	
5. Key subject	
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: NORTH ATLANTIC OCEAN
	locality	localityIdentifier	
		locationName	language: eng text: GRAND BANKS OF NEWFOUNDLAND
	messageSeriesIdentifier	agencyResponsibleForProduction: USXX nationality: US nameOfSeries: NAVAREA IV interoperabilityIdentifier: nameOfSeries: 333 warningType: (4) NAVAREA Navigational Warning year: 2021	
	cancellationDate		
	publicationTime	20210201T0000001Z	
	navwarnTypeGeneral:	aids to navigation changes	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID01	
	affects (role)	ID02	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart: 20210201 timeOfDayEnd: timeOfDayStart: 000001Z	
	warningInformation	information:	language: eng text: established by DART BUOY
		NavwarnTypeDetails: buoy establishment	
	geometry	Point 44-04.58N 055-12.80W	
NAVWARNAreaAffected (ID02)	geometry	Circle by center point radius 5NM 44-04.58N 055-12.80W	

3.10.4 Example 4 – Acoustic Recorder

Message element	Example 4 – Acoustic Recorder
1. Message series identifier	NAVAREA XVII 55/19
2. General area	IONIAN SEA.
3. Locality	CHART _____ (INT _____).
4. Chart number	
5. Key subject	1. ACOUSTIC SEABED INSTRUMENTS DEPLOYED FROM 231500 UTC TO
6. Geographical position	242000 UTC MAR 2019 IN:
7. Amplifying remarks	A. 44-41.46N 063-37.71W.
8. Cancellation details	B. 44-41.46N 063-38.38W.
	C. 44-41.32N 063-38.04W.
	2. CANCEL THIS MSG 242100 MAR 2019.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: IONIAN SEA.

	messageSeriesIdentifier	agencyResponsibleForProduction: CAXX nationality: CA nameOfSeries: NAVAREA XVII interoperabilityIdentifier: nameOfSeries: 55 warningType: (4) NAVAREA Navigational Warning year: 2019	
	cancellationDate	20190324T210000Z	
	publicationTime	20190322T000001Z	
	navwarnTypeGeneral:	scientific instruments change	
	intService:	Y	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd:20190324 dateStart:20190323 timeOfDayEnd:200000Z timeOfDayStart:150000Z	
	warningInformation	information:	language:eng
			text: established by SEABED INSTRUMENT DEPLOYED
		NavwarnTypeDetails: acoustic recorder	
	geometry	Point 44-41.46N 063-37.71W.	
	geometry	Point 44-41.46N 063-38.38W.	
	geometry	Point 44-41.32N 063-38.04W.	

3.11 The establishment of offshore structures in or near shipping lanes

3.11.1 Example 1 – Drill Rig on Location

Message element	Example 1 – Drill Rig on Location
1. Message series identifier	NAVAREA X 5/21
2. General area	INDIAN OCEAN.
3. Locality	AUSTRALIA-NORTHWEST COAST.
4. Chart number	CHART _____ (INT _____).
5. Key subject	DRILL RIG VALARIS MS-1 IN 20-57.27S 114-52.10E.
6. Geographical position	2.5 MILES CLEARANCE REQUESTED.
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: INDIAN OCEAN
	locality	localityIdentifier	
		locationName	language: eng text: AUSTRALIA-NORTHWEST COAST
	messageSeriesIdentifier	agencyResponsibleForProduction: AUXX nationality: AU nameOfSeries: NAVAREAX interoperabilityIdentifier: nameOfSeries: 5 warningType: (4) NAVAREA Navigational Warning year: 2021	
	publicationTime	20210201T000001Z	
	navwarnTypeGeneral:	Offshore infrastructure	
	intService:	Y	
	NAVWARNPreambleContent	header (role)	ID00
		theWarningPart (role)	ID01

AreaAffected	impacts (role)	ID01
	affects (role)	ID02
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart: 20210201 timeOfDayEnd: timeOfDayStart:000001Z
	warningInformation	information:
		language:eng text: DRILL RIG VALARIS MS-1, 2.5 MILE CLEARANCE REQUESTED
	NavwarnTypeDetails:drilling site operations	
	geometry	Point 20-57.27S 114-52.10E.
NAVWARNAreaAffected (ID02)	restriction	8=entry restricted
	geometry	Circle by center point radius 2.5NM 20-57.27S 114-52.10E.

3.11.2 Example 2 – Drilling Site Operations

Message element	Example 2 – Drilling Site Operations
1. Message series identifier	NAVAREA VII 117/21
2. General area	SOUTH ATLANTIC OCEAN.
3. Locality	ANGOLA, CONGO, IVORY COAST AND NAMIBIA.
4. Chart number	CHART _____(INT _____).
5. Key subject	RIG LIST:
6. Geographical position	05-08.58S 011-55.15E PRIDE CAPINDA.
7. Amplifying remarks	05-33.08S 011-27.08E PRIDE VENEZUELA.
8. Cancellation details	06-03.81S 011-05.86E GSF RIG 140.
	06-19.02S 011-03.23E KIZOMBA A (NEW).
	06-20.15S 011-18.01E PRIDE SOUTH PACIFIC.
	06-20.92S 011-09.22E KIZOMBA B.
	07-40.05S 011-45.08E PRIDE AFRICA.
	07-43.00S 011-43.00E PRIDE ANGOLA.
	35-08.86S 022-31.81E PRIDE SOUTH SEAS.
	35-13.99S 021-29.89E ORCA.
	FOUR MILE EXCLUSION ZONE ABOUT RIGS DUE TO PRESENCE OF UNLIT ANCHOR MARKING BUOYS.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: SOUTH ATLANTIC OCEAN
	locality	localityIdentifier	
		locationName	language: eng text: ANGOLA, CONGO, IVORY COAST AND NAMIBIA
	messageSeriesIdentifier	agencyResponsibleForProduction: ZAXX nationality:ZA nameOfSeries: NAVAREA VII interoperabilityIdentifier: nameOfSeries: 117 warningType: (4) NAVAREA navigational warning year: 2021	
	navwarnTitle	Language:eng Text:RIG LIST	
	publicationTime	20210622T140000Z	
	navwarnTypeGeneral:	Offshore infrastructure	
	intService:	true	
	NAVWARNPreambleContent	header (role)	ID00
AreaAffected	theWarningPart (role)	ID01, ID02, ID03, ID04, ID05, ID06, ID07, ID08, ID09, ID10	
	impacts (role)	ID01, ID02, ID03, ID04, ID05, ID06, ID07, ID08, ID09, ID11, ID12, ID13, ID14, ID15, ID16, ID17, ID18, ID19,	
	affects (role)		

NAVWARNPart (ID01)	featureName	nameUsage: (1) default name display language: eng name: PRIDE CAPINDA.	
	warningInformation	information:	language: eng
			text: EXCLUSION ZONE DUE TO PRESENCE OF UNLIT ANCHOR MARKING BUOYS.
		NavwarnTypeDetails: drilling site operations	
	geometry	Point 05-08.58S 011-55.15E	
	restriction	(8) entry restricted	
NAVWARNAreaAffected (ID11)	geometry	Circle by centerpoint radius 4NM 05-08.58S 011-55.15E	
NAVWARNPart(ID02)	featureName	nameUsage: (1) default name display language: eng name: PRIDE VENEZUELA	
	warningInformation	information	language: eng
			text: EXCLUSION ZONE DUE TO PRESENCE OF UNLIT ANCHOR MARKING BUOYS.
		NavwarnTypeDetails: drilling site operations	
	Geometry	Point 05-33.08S 011-27.08E	
	restriction	(8) entry restricted	
NAVWARNAreaAffected (ID12)	geometry	Circle by centerpoint radius 4NM 05-33.08S 011-27.08E	
NAVWARNPart(ID03)	featureName	nameUsage: (1) default name display language: eng name: GSF RIG 140	
	warningInformation	information	language:eng
			text: EXCLUSION ZONE DUE TO PRESENCE OF UNLIT ANCHOR MARKING BUOYS.
		NavwarnTypeDetails: drilling site operations	
	Geometry	Point 06-03.81S 011-05.86E	
	restriction	(8) entry restricted	
NAVWARNAreaAffected (ID13)	geometry	Circle by centerpoint radius 4NM 06-03.81S 011-05.86E	
NAVWARNPart(ID04)	featureName	nameUsage: (1) default name display language: eng name: KIZOMBA A (NEW).	
	warningInformation	information	language:eng
			text: EXCLUSION ZONE DUE TO PRESENCE OF UNLIT ANCHOR MARKING BUOYS.
		NavwarnTypeDetails: drilling site operations	
	Geometry	Point: 06-19.02S 011-03.23E	
	restriction	(8) entry restricted	
NAVWARNAreaAffected (ID14)	geometry	Circle by centerpoint radius 4NM 06-19.02S 011-03.23E	
NAVWARNPart(ID05)	featureName	nameUsage: (1) default name display language: eng name: PRIDE SOUTH PACIFIC	
	warningInformation	information	language:eng
			text: EXCLUSION ZONE DUE TO PRESENCE OF UNLIT ANCHOR MARKING BUOYS.
		NavwarnTypeDetails: drilling site operations	

	Geometry	Point: 06-20.15S 011-18.01E	
	restriction	(8) entry restricted	
NAVWARNAreaAffected (ID15)	geometry	Circle by centerpoint radius 4NM 06-20.15S 011-18.01E	
NAVWARNPart(ID06)	featureName	nameUsage: (1) default name display language: eng name: KIZOMBA B	
	warningInformation	information	language:eng text: EXCLUSION ZONE DUE TO PRESENCE OF UNLIT ANCHOR MARKING BUOYS.
			NavwarnTypeDetails: drilling site operations
	Geometry	Point 06-20.92S 011-09.22E	
	restriction	(8) entry restricted	
NAVWARNAreaAffected (ID16)	geometry	Circle by centerpoint 4NM radius 06-20.92S 011-09.22E	
NAVWARNPart(ID06)	featureName	nameUsage: (1) default name display language: eng name: PRIDE AFRICA	
	warningInformation	information	language:eng text: EXCLUSION ZONE DUE TO PRESENCE OF UNLIT ANCHOR MARKING BUOYS.
			NavwarnTypeDetails: drilling site operations
	Geometry	Point: 07-40.05S 011-45.08E	
	restriction	(8) entry restricted	
NAVWARNAreaAffected (ID16)	geometry	Circle by centerpoint 4NM radius 07-40.05S 011-45.08E	
NAVWARNPart(ID07)	featureName	nameUsage: (1) default name display language: eng name: PRIDE ANGOLA	
	warningInformation	information	language:eng text: EXCLUSION ZONE DUE TO PRESENCE OF UNLIT ANCHOR MARKING BUOYS.
			NavwarnTypeDetails: drilling site operations
	Geometry	Point 07-43.00S 011-43.00E	
	restriction	(8) entry restricted	
NAVWARNAreaAffected (ID17)	geometry	Circle by centerpoint radius 4NM 07-43.00S 011-43.00E	
NAVWARNPart(ID08)	featureName	nameUsage: (1) default name display language: eng name: PRIDE SOUTH SEAS	
	warningInformation	information	language:eng text: EXCLUSION ZONE DUE TO PRESENCE OF UNLIT ANCHOR MARKING BUOYS.
			NavwarnTypeDetails: drilling site operations
	Geometry	Point 35-08.86S 022-31.81E	
	restriction	(8) entry restricted	
NAVWARNAreaAffected (ID18)	geometry	Circle by centerpoint radius 4NM 35-08.86S 022-31.81E	
NAVWARNPart(ID09)	featureName	nameUsage: (1) default name display language: eng name: ORCA.	
	warningInformation	information	language:eng

			text: EXCLUSION ZONE DUE TO PRESENCE OF UNLIT ANCHOR MARKING BUOYS.
		NavwarnTypeDetails: drilling site operations	
	Geometry	Point 35-13.99S 021-29.89E	
	restriction	(8) entry restricted	
NAVWARNAreaAffected (ID19)	geometry	Circle by centerpoint radius 4NM 35-13.99S 021-29.89E	

3.11.3 Example 3 – Platform Established

Message element	Example 3 – Platform Established
1. Message series identifier	NAVAREA VI 116/21
2. General area	URUGUAY.
3. Locality	MONTEVIDEO.
4. Chart number	CHART _____ (INT _____).
5. Key subject	PLATFORM M4/25 ESTABLISHED IN 35-00N 056-20W.
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: URUGUAY
	locality	localityIdentifier	
		locationName	language: eng text: MONTEVIDEO.
	messageSeriesIdentifier	agencyResponsibleForProduction: ARXX nationality: AR nameOfSeries: NAVAREA VI interoperabilityIdentifier: nameOfSeries: 116 warningType: (4) NAVAREA Navigational Warning year: 2021	
	publicationTime	20210201T000001Z	
	navwarnTypeGeneral:	Offshore infrastructure	
	intService:	Y	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID01	
	affects (role)	ID02	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart: 20210201 timeOfDayEnd: timeOfDayStart:000001Z	
	warningInformation	information:	language:eng text: PLATFORM M4/25 ESTABLISHED
		NavwarnTypeDetails:offshore rigs or platform changes	
	geometry	Point 35-00N 056-20W	
	restriction	8=entry restricted	
NAVWARNAreaAffected (ID02)	geometry	Circle by center point radius 0.5NM 35-00N 056-20W	

3.12 Significant malfunctioning of radio-navigation services and shore-based maritime safety information radio or satellite services

3.12.1 Example 1 – VHF Services Off Air

Message element	Example 1 – VHF Services Off Air
1. Message series identifier	NAVAREA I 116/22
2. General area	GMDSS.
3. Locality	MRCC SHETLAND
4. Chart number	VHF R/T AND DSC SERVICES TO DUNNET HEAD SITE,
5. Key subject	58-40.3N 003-22.6W OFF AIR.
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng Text: GMDSS
	locality	localityIdentifier	
		locationName	language: eng text: MRCC Shetland
	messageSeriesIdentifier	nationality: UK nameOfSeries: NAVAREA I agencyResponsibleForProduction: UKHO interoperabilityIdentifier: nameOfSeries: 116 warningType: (4) NAVAREA navigational warning year: 22	
	publicationTime	20220101T000000Z	
	navwarnTypeGeneral:	communication or broadcast service change	
navwarnPreambleContent	intService:	Y	
	header (role)	ID00	
NavigationalWarn Part (ID01)	theWarningPart (role)	ID01	
	featureName	nameUsage: N language: name:	
	warningInformation	Information:	language: eng text: VHF R/T and DSC services to Dunet head site, off air.
		NavwarnTypeDetails: VHF service change	
	geometry	58-40.3N 003-22.6W	

3.12.2 Example 2 – MF Services Off Air

Message element	Example 2 – MF Services Off Air
1. Message series identifier	NAVAREA I 169/22
2. General area	GMDSS.
3. Locality	MRCC STORNOWAY.
4. Chart number	MF R/T AND DSC SERVICES FROM BUTT OF LEWIS SITE,
5. Key subject	58-27.7N 006-13.9W, OFF AIR.
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng

	locality	localityIdentifier	Text: GMDSS
		locationName	language: eng
			text: MRCC Shetland
	messageSeriesIdentifier	nationality: UK nameOfSeries: NAVAREA I agencyResponsibleForProduction: UKHO interoperabilityIdentifier: nameOfSeries: 169 warningType: (4) NAVAREA navigational warning year: 22	
	publicationTime	20220101T000000Z	
	navwarnTypeGeneral:	communication or broadcast service change	
navwarnPreambleContent	intService:	Y	
	header (role)	ID00	
NavigationalWarn Part (ID01)	theWarningPart (role)	ID01	
	featureName	nameUsage: N language: name:	
	warningInformation	Information:	language: eng text: MF R/T AND DSC SERVICES FROM BUTT OF LEWIS SITE OFF AIR.
		NavwarnTypeDetails: MF service	
	geometry	58-27.7N 006-13.9W	

3.12.3 Example 3 – NAVTEX Off Air

Message element	Example 3 – NAVTEX Off Air
1. Message series identifier	NAVAREA I 53/22
2. General area	GMDSS
3. Locality	1.NAVTEX STATION CULLERCOATS (G), 55-04N 001-28W,
4. Chart number	OFF AIR DAILY BETWEEN 0900 AND 1530 UTC ON 12 TO 13 JAN 2022.
5. Key subject	2. CANCEL THIS MESSAGE 131630 UTC JAN 2022.
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng
			Text: GMDSS
	messageSeriesIdentifier	nationality: UK nameOfSeries: NAVAREA I agencyResponsibleForProduction: UKHO interoperabilityIdentifier: nameOfSeries: 53 warningType: (4) NAVAREA navigational warning year: 22	
	publicationTime	20220111T000000Z	
	navwarnTypeGeneral:	communication or broadcast service change	
	intService:	Y	
	cancellationDate	20220113T163000Z	
navwarnPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NavigationalWarn Part (ID01)	featureName	nameUsage: N language: eng name: Cullercoats	

	fixedDateRange	DateEnd: 20220112 DateStart: 20220112 timeOfDayEnd: 153000Z timeOfDayStart: 090000Z	
	fixedDateRange	DateEnd: 20220113 DateStart: 20220113 timeOfDayEnd: 153000Z timeOfDayStart: 090000Z	
	warningInformation	Information:	language: eng
		text: NAVTEX STATION OFF AIR	
	geometry	NavwarnTypeDetails: NAVTEX service change 55-04N 001-28W	

3.13 Information concerning events which might affect the safety of shipping, sometimes over wide areas, e.g. naval exercises, missile firings, space missions, nuclear tests, ordnance dumping zones, etc.

3.13.1 Example 1 – Firing Operations

Message element	Example 1 – Firing Operations
1. Message series identifier	NAVAREA XVI 221/21
2. General area	EASTERN SOUTH PACIFIC.
3. Locality	PERU.
4. Chart number	CHART ____ (INT ____).
5. Key subject	1. NAVAL FIRING EXERCISES 161400 UTC TO 170000 UTC JAN 2021 IN AREA BOUND BY 11-35.00S 077-43.00W, 11-35.00S 077-33.00W, 11-47.00S 077-33.00W, 11-47.00S 077-43.00W.
6. Geographical position	2. CANCEL THIS MESSAGE 181700 UTC JAN 2021.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: EASTERN SOUTH PACIFIC
	locality	localityIdentifier	
		locationName	language: eng text: PERU
	messageSeriesIdentifier	agencyResponsibleForProduction: PEXX nationality: PE nameOfSeries: NAVAREA XVI interoperabilityIdentifier: nameOfSeries: 221 warningType (4) NAVAREA navigational warnings year: 2021	
	cancellationDate	20210118T170000Z	
	publicationTime	20210115T000001Z	
	navwarnTypeGeneral:	Special operations	
	intService:	True	
	NAVWARNPreambleContent	header (role)	ID00
NAVAWARNPart (ID01)		theWarningPart (role)	ID01
	fixedDateRange	dateEnd: 20210117 dateStart: 2021011 timeOfDayEnd: 170000Z timeOfDayStart: 140000Z	
	warningInformation	information:	language: text:

		NavwarnTypeDetails: firing exercise
	geometry	Polygon (surface) 11-35.00S 077-43.00W, 11-35.00S 077-33.00W, 11-47.00S 077-33.00W, 11-47.00S 077-43.00W.
	restriction	14 = area to be avoided

3.13.2 Example 2 – Blasting Operation

Message element	Example 2 – Blasting Operation
1. Message series identifier	NAVAREA VIII 864/21
2. General area	INDIA WEST COAST.
3. Locality	OFF ALAPPUZHA.
4. Chart number	1.SUBSURFACE EXPLOSIVE OPERATIONS SCHEDULED 0330 TO 0630
5. Key subject	UTC DAILY ON 17 AND 21 DEC 2021 IN AREA WITHIN FIVE MILES
6. Geographical position	OF 09-19.58N 075-46.8E.
	2.CANCEL THIS MSG 210730 UTC DEC 21.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: INDIA WEST COAST
	locality	localityIdentifier	
		locationName	language: eng text: OFF ALAPPUZHA
	messageSeriesIdentifier	agencyResponsibleForProduction: INXX nationality: IN nameOfSeries: NAVAREA VIII interoperabilityIdentifier: nameOfSeries: 864 warningType (4) NAVAREA navigational warnings year: 2021	
	cancellationDate	20211221T073000Z	
	publicationTime	20211171T073000Z	
	navwarnTypeGeneral:	Special operations	
	intService:	True	
	NAVWARNPreambleContent	header (role)	ID00
		theWarningPart (role)	ID01
NAVAWARNPart (ID01)	fixedDateRange	dateEnd:20211217 dateStart: 20211217 timeOfDayEnd: 063000Z timeOfDayStart:033000Z	
	fixedDateRange	dateEnd:20211221 dateStart:20211221 timeOfDayEnd: 063000Z timeOfDayStart:033000Z	
	warningInformation	information:	language:
			text:
		NavwarnTypeDetails: blasting operation	
	geometry	Polygon (Circle by centerpoint) Radius 5NM centerpoint 09-19.58N 075-46.8 E	
	restriction	14 = area to be avoided	

3.13.3 Example 3 – Fallout Hazard (Space Debris)

Message element	Example 3
1. Message series identifier	NAVAREA XIV 218/21.
2. General area	SOUTHWEST PACIFIC BASIN.
3. Locality	
4. Chart number	

5. Key subject	1. HAZARDOUS OPERATIONS, SPACE DEBRIS SCHEDULED FROM 062240 UTC TO 200925 UTC DEC 2021 IN AREAS BOUND BY: A. 41-06.00S 176-18.00W, 39-54.00S 175-42.00W, 40-36.00S 171-06.00W, 41-54.00S 171-18.00W. B. 42-36.00S 163-06.00W, 41-36.00S 163-12.00W, 41-42.00S 158-00.00W, 42-36.00S 157-48.00W. 2. CANCEL THIS MSG 201025 UTC DEC 2021.
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: SOUTHWEST PACIFIC BASIN
	messageSeriesIdentifier	agencyResponsibleForProduction: NZXX nationality: NZ nameOfSeries: NAVAREA XIV interoperabilityIdentifier: nameOfSeries: 218 warningType (4) NAVAREA navigational warnings year: 2021	
	cancellationDate	20211220T102500Z	
	publicationTime	20211201T224000Z	
	navwarnTypeGeneral:	Other hazards	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVAWARNPart (ID01)	fixedDateRange	dateEnd:20211220 dateStart: 20211206 timeofDayEnd: 092500Z timeofDayStart:224000Z	
	warningInformation	information:	language:
			text:
		NavwarnTypeDetails: fallout hazard	
	geometry	Polygon (Surface) 41-06.00S 176-18.00W, 39-54.00S 175-42.00W,40-36.00S 171-06.00W, 41-54.00S 171-18.00W.	
	geometry	Polygon (Surface) 42-36.00S 163-06.00W, 41-36.00S 163-12.00W,41-42.00S 158-00.00W, 42-36.00S 157-48.00W.	
	restriction	14 = area to be avoided	

3.13.4 Example 4 – Military Exercise

Message element	Example 4
1. Message series identifier	NAVAREA VIII 857/21.
2. General area	ARABIAN SEA.
3. Locality	OFF BALASORE.
4. Chart number	
5. Key subject	1. INDIAN AIR FORCE EXERCISE 0430 TO 0630 UTC AND 0830 TO 1030
6. Geographical position	20 THRU 22 DEC 2021 IN AREA BOUND BY
7. Amplifying remarks	21-41.00N 087-44.00E, 20-57.00N 086-53.00E
8. Cancellation details	20-56.00N 086-55.00E. 2. CANCEL THIS MSG 221130 UTC DEC 2021.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng Text:ARABIAN SEA
	locality	localityIdentifier	
		locationName	language: eng text: OFF BALASORE
	messageSeriesIdentifier	agencyResponsibleForProduction: INXX	

		nationality: IN nameOfSeries: NAVAREA VIII interoperabilityidentifier: nameOfSeries: 857 warningType (4) NAVAREA navigational warnings year: 2021	
	cancellationDate	20211222T113000Z	
	publicationTime	20212115T043000Z	
	navwarnTypeGeneral:	Special operations	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVAWARNPart (ID01)	fixedDateRange	dateEnd:20211220 dateStart: 20211220 timeOfDayEnd: 043000Z timeOfDayStart:063000Z	
	fixedDateRange	dateEnd:20211220 dateStart: 20211220 timeOfDayEnd: 083000Z timeOfDayStart:103000Z	
	fixedDateRange	dateEnd:20211221 dateStart: 20211221 timeOfDayEnd: 043000Z timeOfDayStart:063000Z	
	fixedDateRange	dateEnd:20211221 dateStart: 20211221 timeOfDayEnd: 083000Z timeOfDayStart:103000Z	
	fixedDateRange	dateEnd:20211222 dateStart: 20211222 timeOfDayEnd: 043000Z timeOfDayStart:063000Z	
	fixedDateRange	dateEnd:20211222 dateStart: 20211222 timeOfDayEnd: 083000Z timeOfDayStart:103000Z	
	warningInformation	information:	language:eng
			text: Indian Air Force
		NavwarnTypeDetails: military exercise	
	geometry	Polygon (Surface) 41-06.00S 176-18.00W, 39-54.00S 175-42.00W,40-36.00S 171-06.00W, 41-54.00S 171-18.00W.	
	geometry	Polygon (Surface) 42-36.00S 163-06.00W, 41-36.00S 163-12.00W,41-42.00S 158-00.00W, 42-36.00S 157-48.00W.	
	restriction	14 = area to be avoided	

3.13.5 Example 5 – Fallout Hazard (Rocket Launch)

Message element	Example 5 – Fallout Hazard (Rocket Launch)
1. Message series identifier	NAVAREA IV 1092/21
2. General area	WESTERN NORTH ATLANTIC.
3. Locality	FLORIDA.
4. Chart number	1. ROCKET LAUNCHING 090600 UTC TO 090753 UTC DEC 2021,
5. Key subject	ALTERNATE 0600 UTC TO 0753 UTC DAILY 10 THRU 14 DEC 2021
6. Geographical position	IN AREA BOUND BY
7. Amplifying remarks	28-39.03N 080-37.70W, 28-41.00N 080-20.00W,
8. Cancellation details	28-38.00N 079-42.00W, 28-35.00N 079-43.00W,
	28-33.00N 080-17.00W, 28-34.78N 080-34.08W.
	2. CANCEL THIS MESSAGE 140853 UTC DEC 2021.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng Text: Western North Atlantic
	locality	localityIdentifier	
		locationName	language: eng text: Florida
	messageSeriesIdentifier	agencyResponsibleForProduction: USXX nationality: US nameOfSeries: NAVAREA IV interoperabilityIdentifier: nameOfSeries: 1092 warningType (4) NAVAREA navigational warnings year: 2021	
	cancellationDate	20211214T085300Z	
	publicationTime	20211205T043000Z	
	navwarnTypeGeneral:	Special operations	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVAWARNPart (ID01)	fixedDateRange	dateEnd: 20211209 dateStart: 20211209 timeOfDayEnd: 060000Z timeOfDayStart: 075300Z	
	fixedDateRange	dateEnd: 20211210 dateStart: 20211210 timeOfDayEnd: 060000Z timeOfDayStart: 075300Z	
	fixedDateRange	dateEnd: 20211211 dateStart: 20211211 timeOfDayEnd: 060000Z timeOfDayStart: 075300Z	
	fixedDateRange	dateEnd: 20211212 dateStart: 20211212 timeOfDayEnd: 060000Z timeOfDayStart: 075300Z	
	fixedDateRange	dateEnd: 20211213 dateStart: 20211213 timeOfDayEnd: 060000Z timeOfDayStart: 075300Z	
	fixedDateRange	dateEnd: 20211214 dateStart: 20211214 timeOfDayEnd: 060000Z timeOfDayStart: 075300Z	
	warningInformation	information:	language: eng text: ROCKET LAUNCHING 090600 UTC TO 090753 UTC DEC 2021, ALTERNATE 0600 UTC TO 0753 UTC DAILY 10 THRU 14 DEC 2021
		NavwarnTypeDetails: blasting exercise	
	geometry	Polygon (Surface) 28-39.03N 080-37.70W, 28-41.00N 080-20.00W, 28-38.00N 079-42.00W, 28-35.00N 079-43.00W, 28-33.00N 080-17.00W, 28-34.78N 080-34.08W.	
	restriction	14 = area to be avoided	

3.14 Operating anomalies identified within ECDIS including ENC issues

3.14.1 Example 1 – ECDIS Anomalies

Message element	Example 1 – ECDIS Anomalies
1. Message series identifier	NAVAREA XVII 82/22
2. General area	ARTIC OCEAN
3. Locality	DISPLAY ANOMALIES IN SOME ECDIS.
4. Chart number	SOME ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEMS
5. Key subject	(ECDIS) MAY EXHIBIT OPERATING ANOMALIES. THE INTERNATIONAL
6. Geographical position	MARITIME ORGANIZATION'S CIRCULAR MSC.1/circ.1503/rev1
7. Amplifying remarks	(HTTP://WWW.IMO.ORG/OURWORK/CIRCULARS/PAGES/IMODOCS.ASPX
8. Cancellation details	(REGISTRATION REQUIRED)) LISTS IDENTIFIED ANOMALIES, THEIR CHARACTERISTICS AND REMEDIAL ADVICE. MARINERS ARE REMINDED THAT THEY SHOULD ACCESS THE INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) DATA PRESENTATION AND PERFORMANCE CHECK (DPPC) DATASET (http://www.iho.int/srv1/index.php?option=com) AND ENSURE THAT ALL INSTALLED ECDIS UNITS ARE CHECKED.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: ARTIC OCEAN
	messageSeriesIdentifier	agencyResponsibleForProduction: CAXX nationality: CA nameOfSeries: NAVAREA XIV interoperabilityIdentifier: nameOfSeries: 82 warningType (4) NAVAREA navigational warnings year: 2022	
	publicationTime	20221201T224000Z	
	navwarnTypeGeneral:	ECDIS operating anomalies including data issues	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVAWARNPart (ID01)	warningInformation	information:	language:eng text: DISPLAY ANOMALIES IN SOME ECDIS. SOME ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEMS (ECDIS) MAY EXHIBIT OPERATING ANOMALIES. THE INTERNATIONAL MARITIME ORGANIZATION'S CIRCULAR MSC.1/circ.1503/rev1 (HTTP://WWW.IMO.ORG/OURWORK/CIRCULARS/PAGES/IMODOCS.ASPX (REGISTRATION REQUIRED)) LISTS IDENTIFIED ANOMALIES, THEIR CHARACTERISTICS AND REMEDIAL ADVICE. MARINERS ARE REMINDED THAT THEY SHOULD ACCESS THE INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) DATA PRESENTATION AND PERFORMANCE CHECK (DPPC) DATASET (http://www.iho.int/srv1/index.php?option=com) AND ENSURE THAT ALL INSTALLED ECDIS UNITS ARE CHECKED.
		NavwarnTypeDetails:	

Note: The bounding box for this Navigational Warning would need to include the entire NAVAREA in this case.

3.14.2 Example 2 – ENC Anomaly

Message element	Example 2 – ENC Anomaly
1. Message series identifier	NAVAREA XVIII 94/22
2. General area	CANADIAN ARCTIC
3. Locality	SIMPSON STRAIT
4. Chart number	ETA ISLAND
5. Key subject	CHART CHS 7736 / ENC CA473317THE CHARTED ORIENTATION OF THE
6. Geographical position	RANGE LINE FOR SIMPSON STRAIT #6 RANGE (WEST-FACING RANGE
7. Amplifying remarks	MARKS ON ETA ISLAND) IS IN ERROR. THE CORRECT VISUAL RANGE
8. Cancellation details	LINE PASSES 94 METRES SOUTH OF THE ADVERTISED POSITION OF SIMPSON STRAIT BUOY #11 ON HEADINGS 289/109 DEGREES TRUE.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: CANADIAN ARCTIC
	locality	localityIdentifier	
		locationName	language: eng text: SIMPSON STRAIT
	messageSeriesIdentifier	agencyResponsibleForProduction: CAXX nationality:CA nameOfSeries: NAVAREA XVIII interoperabilityIdentifier: nameOfSeries: 94 warningType (4) NAVAREA navigational warning year: 2022	
	AffectedChartPublications	chartAffected: CHS 7736	chartNumber: chartPlanNumber: editionDate: lastNoticeDate:
		chartPublicationIdentifier:	
		internationalChartAffected:	
		Language:eng	
		publicationsAffected:	
	publicationTime	20220610T000100Z	
	navwarnTypeGeneral:	ECDIS operating anomalies including official data issues	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNPart (ID01)	featureName	nameUsage: (1) default name display language: eng name: RANGE LINE FOR SIMPSON STRAIT #6 RANGE	
	warningInformation	information:	language: eng text: CHART CHS 7736 / ENC CA473317THE CHARTED ORIENTATION OF THE RANGE LINE FOR SIMPSON STRAIT #6 RANGE (WEST-FACING RANGE MARKS ON ETA ISLAND) IS IN ERROR. THE CORRECT VISUAL RANGE LINE PASSES 94 METRES SOUTH OF THE ADVERTISED POSITION OF SIMPSON STRAIT BUOY #11 ON HEADINGS 289/109 DEGREES TRUE.
		NavwarnTypeDetails:	
	geometry	Polygon (Surface): Bounding box of the limits of CHS 7736	
	restriction		

3.15 Acts of piracy and armed conflict against ships

3.15.1 Example 1 – Armed Robbery

Message element	Example 1 – Armed Robbery
1. Message series identifier	NAVAREA XVI 306/22
2. General area	PERU.
3. Locality	CALLAO ANCHORAGE.
4. Chart number	
5. Key subject	ARMED ROBBERY.
6. Geographical position	1. M/V AT ANCHOR BOARDED BY SEVEN ARMED ROBBERS
7. Amplifying remarks	IN 12-01.05S 077-11.37W AT 280710 UTC JAN 2022.
8. Cancellation details	ROBBERS ATTACKED CREW, STOLE SHIP PROPERTY AND ESCAPED. VESSELS ARE ADVISED TO KEEP CLEAR OF THIS POSITION AND TO EXERCISE EXTREME CAUTION. REPORTS TO IMB PIRACY REPORTING CENTER, PHONE: 603 2031 0014, 603 2078 5763, FAX: 603 2078 5769, E-MAIL: IMBKL@ICC-CCS.ORG, PIRACY@ICC-CCS.ORG. 2. CANCEL THIS MSG 040710 UTC FEB 2022.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: PERU
	locality	localityIdentifier	
		locationName	language: eng text: CALLAO ANCHORAGE
	messageSeriesIdentifier	agencyResponsibleForProduction: PEXX nationality: PE nameOfSeries: NAVAREA XVI interoperabilityIdentifier: nameOfSeries: 306 warningType: (4) NAVAREA navigational warnings year: 2022	
	cancellationDate	20220204T071000Z	
	publicationTime	20220204T051000Z	
	navwarnTypeGeneral:	Piracy or robbery	
NAVWARNPreambleContent	intService:	true	
	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID02	
	affects (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart: 20220128 timeOfDayEnd: timeOfDayStart: 071000Z	
	warningInformation	information:	language: eng text: M/V AT ANCHOR BOARDED BY SEVEN ARMED ROBBERS AT 280710 UTC JAN 2022. ROBBERS ATTACKED CREW, STOLE SHIP PROPERTY AND ESCAPED. VESSELS ARE ADVISED TO KEEP CLEAR OF THIS POSITION AND TO EXERCISE EXTREME CAUTION.REPORTS TO IMB PIRACY REPORTING CENTER, PHONE: 603 2031

		0014, 603 2078 5763,FAX: 603 2078 5769,E-MAIL: IMBKL@ICC-CCS.ORG , PIRACY@ICC-CCS.ORG .
		NavwarnTypeDetails:
	geometry	Point: 12-01.05S 077-11.37W
	restriction	(14) area to be avoided
NAVWARNAreaAffected (ID02)	geometry	Circle by Center Point 12-01.05S 077-11.37W, RADIUS 5NM

Note – 5NM radius for area to be avoided

3.15.2 Example 2 - Piracy

Message element	Example 2 - Piracy
1. Message series identifier	NAVAREA II 223/21
2. General area	GULF OF GUINEA.
3. Locality	NIGERIA.
4. Chart number	ACT OF PIRACY.
5. Key subject	1. M/V ATTACKED IN 02-49N 002-31E AT 061700 UTC JUN 2021.
6. Geographical position	
7. Amplifying remarks	VESSELS ARE ADVISED TO KEEP CLEAR OF THIS POSITION AND TO EXERCISE EXTREME CAUTION. REPORT TO MDAT-GOG, PHONE: +33 2 98 22 88 88 E-MAIL: WATCHKEEPERS@MDAT-GOG.ORG
8. Cancellation details	2. CANCEL THIS MSG 091930 UTC JUN 2021.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: GULF OF GUINEA
	locality	localityIdentifier	
		locationName	language: eng Text: NIGERIA
	messageSeriesIdentifier	agencyResponsibleForProduction: FRXX nationality: FR nameOfSeries: NAVAREA II interoperabilityIdentifier: nameOfSeries: 223 warningType: (4) NAVAREA navigational warnings year: 2022	
	cancellationDate	20210609T193000Z	
	publicationTime	20210606T150000Z	
	navwarnTypeGeneral:	Piracy or robbery	
NAVWARNPreambleContent	intService:	true	
	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID02	
	affects (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart: 20210606 timeOfDayEnd: timeOfDayStart: 170000Z	
	warningInformation	information:	language: eng text: M/V ATTACKED AT 061700 UTC JUN 2021.VESSELS ARE ADVISED TO KEEP

			CLEAR OF THIS POSITION AND TO EXERCISE EXTREME CAUTION. REPORT TO MDAT-GOG, PHONE: +33 2 98 22 88 88 E-MAIL: WATCHKEEPERS@MDAT-GOG.ORG
		NavwarnTypeDetails:	
	geometry		Point: 02-49N 002-31E
NAVWARNAreaAffected (ID02)	restriction		(14) area to be avoided
	geometry		Circle by Center Point 02-49N 002-31E, RADIUS 5NM

Note – 5NM radius for area to be avoided

3.15.3 Example 3 – Piracy (Kidnapping)

Message element	Example 3 – Piracy (Kidnapping)
1. Message series identifier	NAVAREA II 2031/20
2. General area	GULF OF GUINEA.
3. Locality	NIGERIA.
4. Chart number	OFF BAYELSA.
5. Key subject	ACT OF PIRACY.
6. Geographical position	
7. Amplifying remarks	1. M/V ATTACKED BY PIRATES IN 04-28.15N 005-31.17E AT 261258 UTC NOV 2020. TEN PERSONS KIDNAPPED. VESSELS ARE ADVISED TO KEEP CLEAR OF THIS POSITION AND TO EXERCISE EXTREME CAUTION. REPORTS TO IMB PIRACY REPORTING CENTER, PHONE: 603 2031 0014, 603 2078 5763, FAX: 603 2078 5769, E-MAIL: IMBKL@ICC-CCS.ORG, PIRACY@ICC-CCS.ORG.
8. Cancellation details	2. CANCEL THIS MSG 291200 UTC NOV 2020.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: GULF OF GUINEA
	locality	localityIdentifier	
		locationName	language: eng Text: NIGERIA
	messageSeriesIdentifier	agencyResponsibleForProduction: FRXX nationality: FR nameOfSeries: NAVAREA II interoperabilityIdentifier: nameOfSeries: 2031 warningType: (4) NAVAREA navigational warnings year: 2020	
	cancellationDate	20201129T120000Z	
	publicationTime	20201126T135800Z	
	navwarnTypeGeneral:	Piracy or robbery	
NAVWARNPreambleContent	intService:	true	
	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID02	
	affects (role)	ID01	
NAVWARNPart (ID01)	fixedDateRange	dateEnd: dateStart:20201126 timeOfDayEnd: timeOfDayStart: 125800Z	

	warningInformation	information:	language: eng text: M/V ATTACKED BY PIRATES IN AT 261258 UTC NOV 2020. TEN PERSONS KIDNAPPED. VESSELS ARE ADVISED TO KEEP CLEAR OF THIS POSITION AND TO EXERCISE EXTREME CAUTION. REPORTS TO IMB PIRACY REPORTING CENTER, PHONE: 603 2031 0014, 603 2078 5763, FAX: 603 2078 5769, E-MAIL: IMBKL@ICC-CCS.ORG, PIRACY@ICC-CCS.ORG.
		NavwarnTypeDetails:	
	geometry	Point:	04-28.15N 005-31.17E
	restriction	(14) area to be avoided	
NAVWARNAreaAffected (ID02)	geometry	Circle by Center Point 04-28.15N 005-31.17E, RADIUS 5NM	

Note – 5NM radius for area to be avoided

3.16 Tsunamis and other natural phenomena, such as abnormal changes to sea level

3.16.1 Example 1 – Tsunami (General)

Message element	Example 1 -Tsunami (General)
1. Message series identifier	NAVAREA XI 0251/21
2. General area	PACIFIC OCEAN.
3. Locality	PHILLIPINES.
4. Chart number	TSUNAMI WARNING.
5. Key subject	EARTHQUAKE, MAGNITUDE 7.2, OCCURRED
6. Geographical position	AT 111746 UTC AUG 2021 IN 06-30N 126-48E.
7. Amplifying remarks	TSUNAMI WAVES ARE POSSIBLE WHICH COULD CAUSE
8. Cancellation details	DAMAGE TO THE COASTS AND ISLANDS OF THE PHILLIPINES. VESSELS IN VICINITY OF COASTAL AREAS ARE ADVISED TO USE CAUTION.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: PACIFIC OCEAN
	locality	localityIdentifier	
		locationName	language: eng text: PHILLIPINES
	messageSeriesIdentifier	agencyResponsibleForProduction: JPXX nationality: JP nameOfSeries: NAVAREA XI interoperabilityIdentifier: nameOfSeries: 251 warningType (4) NAVAREA navigational warning year: 2021	
	publicationTime	20210811T184600Z	
	navwarnTypeGeneral:	Dangerous natural phenomena	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID01	

	affects (role)	ID02
NAVWARNPart (ID01)	featureName	language:eng name: Phillipines nameUsage:
	fixedDateRange	dateEnd: dateStart: 20210811 timeofDayEnd: timeofdayStart:174600Z
	warningInformation	information: language:eng text: EARTHQUAKE, MAGNITUDE 7.2, OCCURRED AT 111746 UTC. TSUNAMI WAVES ARE POSSIBLE WHICH COULD CAUSE DAMAGE TO THE COASTS AND ISLANDS OF THE PHILLIPINES. VESSELS IN VICINITY OF COASTAL AREAS ARE ADVISED TO USE CAUTION.
		NavwarnTypeDetails: tsunami warning
	geometry	Point 06-30N 126-48E.
NAVWARNAreaAffected (ID02)	geometry	Polygon: General Bounding box of the philipines coats and islands

Note: General bounding box required for area with uncertain geometry

3.16.2 Example 2 – Tsunami (Earthquake)

Message element	Example 2 -Tsunami (Earthquake)
1. Message series identifier	NAVAREA XII 365/21
2. General area	ALASKA COASTAL AREAS.
3. Locality	TSUNAMI WARNING.
4. Chart number	EARTHQUAKE WITH MAGNITUDE OF 8.2 HAS OCCURRED
5. Key subject	IN VICINITY 55-18N 157-48W AT 290616Z JUL 2021.
6. Geographical position	A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE
7. Amplifying remarks	DAMAGE TO COASTS OF SOUTH ALASKA, THE ALASKA
8. Cancellation details	PENINSULA AND THE ALEUTIAN ISLANDS. TSUNAMI WAVE HEIGHTS CANNOT BE PREDICTED AND MAY BE A SERIES OF WAVES WHICH COULD BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL.

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: ALASKA COASTAL AREAS
	messageSeriesIdentifier	agencyResponsibleForProduction: USXX nationality: US nameOfSeries: NAVAREA XII interoperabilityidentifier: nameOfSeries: 365 warningType (4) NAVAREA navigational warning year: 2021	
	publicationTime	20210729T061600Z	
	navwarnTypeGeneral:	Dangerous natural phenomena	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
AreaAffected	impacts (role)	ID01	
	affects (role)	ID02	
NAVWARNPart (ID01)	featureName	language:eng	

		name: ALASKA COAST nameUsage:	
	fixedDateRange	dateEnd: 20210729 dateStart: 20210729 timeOfDayEnd: 111600Z timeOfDayStart: 061600Z	
	warningInformation	information:	language: eng
		text: EARTHQUAKE WITH MAGNITUDE OF 8.2 HAS OCCURRED AT 290616Z JUL 2021. A TSUNAMI HAS BEEN GENERATED WHICH COULD CAUSE DAMAGE TO COASTS OF SOUTH ALASKA, THE ALASKA PENINSULA AND THE ALEUTIAN ISLANDS. TSUNAMI WAVE HEIGHTS CANNOT BE PREDICTED AND MAY BE A SERIES OF WAVES WHICH COULD BE DANGEROUS FOR SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL.	
		NavwarnTypeDetails: tsunami warning	
	geometry	Point 55-18N 157-48W	
NAVWARNAreaAffected (ID02)	geometry	Polygon: General Bounding box of the south alaskan coast and ALEUTIAN ISLANDS	

Note: Several hours added 5 hours to the fixedDateRange

3.17 World Health Organization (WHO) health advisory information

3.17.1 Example 1 – WHO Advisory

Message element	Example 1 – WHO Advisory
1. Message series identifier	NAVAREA XVIII 69/21 CANADA 1. ON 11 MARCH 2020, THE WORLD HEALTH ORGANIZATION DECLARED THAT THE GLOBAL OUTBREAK OF COVID-19 IS A PANDEMIC. TO REDUCE THE SPREAD OF COVID-19, WHERE POSSIBLE, PRACTICE PHYSICAL DISTANCING AND PROPER HYGIENE, KEEP ROOMS WELL VENTILATED AND DISINFECT SURFACES ON BOARD. MARINERS ARE REMINDED OF THEIR RESPONSIBILITY TO DECLARE ANY ON-BOARD ILLNESS AS OUTLINED IN PART 4, OF THE CANADIAN COAST GUARD PUBLICATION, RADIO AIDS TO MARINE NAVIGATION. THE CANADIAN COAST GUARD REMAINS READY TO PROVIDE ASSISTANCE TO MARINERS. VISIT WWW.CANADA.CA FOR UPDATES ON COVID-19. VISIT WWW.TC.CANADA.CA FOR COVID-19 UPDATES RELATED TO MARINE TRANSPORTATION. 2. CANCEL NAVAREA XVIII 125/20.
2. General area	
3. Locality	
4. Chart number	
5. Key subject	
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text: CANADA
	messageSeriesIdentifier	agencyResponsibleForProduction: CAXX nationality: CA nameOfSeries: NAVAREA XVIII interoperabilityIdentifier: nameOfSeries: 69 warningType (4) NAVAREA navigational warning year: 2021	

	publicationTime	20210524T010000Z	
	navwarnTypeGeneral:	Health advisories	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNReferences	theWarning(role)	ID01	
	theReferences (role)	ID02	
AreaAffected	impacts (role)	ID01	
	affects (role)	ID03	
NAVWARNPart (ID01)	warningInformation	information:	language:eng text: ON 11 MARCH 2020, THE WORLD HEALTH ORGANIZATION DECLARED THAT THE GLOBAL OUTBREAK OF COVID-19 IS A PANDEMIC. TO REDUCE THE SPREAD OF COVID-19, WHERE POSSIBLE, PRACTICE PHYSICAL DISTANCING AND PROPER HYGIENE, KEEP ROOMS WELL VENTILATED AND DISINFECT SURFACES ON BOARD. MARINERS ARE REMINDED OF THEIR RESPONSIBILITY TO DECLARE ANY ON-BOARD ILLNESS AS OUTLINED IN PART 4, OF THE CANADIAN COAST GUARD PUBLICATION, RADIO AIDS TO MARINE NAVIGATION. THE CANADIAN COAST GUARD REMAINS READY TO PROVIDE ASSISTANCE TO MARINERS. VISIT WWW.CANADA.CA FOR UPDATES ON COVID-19. VISIT WWW.TC.CANADA.CA FOR COVID-19 UPDATES RELATED TO MARINE TRANSPORTATION.
		NavwarnTypeDetails:	
NAVWARNAreaAffected	geometry	Polygon (surface): polygon representing Canadian territorial waters	
References	messageSeriesIdentifier	agencyResponsibleForProduction: CAXX nationality: CA nameOfSeries: NAVAREA XVIII interoperabilityidentifier: nameOfSeries:125 warningType: (4) NAVAREA navigational warning year: 2020	
	noMessageOnHand	false	
	referenceCategory	(1) Warning cancellation	

Note: Bounding box of Candian territorial waters required

3.18 Security Related Requirements

3.18.1 Example 1 – Security Requirement

Message Element	Example 1 – Security Requirement
1. Message series identifier	NAVAREA I 88/22 FRANCE-NORTH COAST SECURITY ANNOUNCEMENT. REF: ISPS CODE - SECURITY LEVELS IN FRENCH TERRITORIAL WATERS IN THE BAIE DE SEINE AND IN LE HAVRE HARBOUR UPGRADED TO SECURITY LEVEL 3. ALL SHIPS ARE PROHIBITED TO ENTER BAIE DE SEINE AND
2. General area	
3. Locality	
4. Chart number	
5. Key subject	
6. Geographical position	

7. Amplifying remarks	LE HAVRE HARBOUR.
8. Cancellation details	

NAVWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: text: FRANCE-NORTH COAST
	messageSeriesIdentifier	agencyResponsibleForProduction: UKXX nationality:UK nameOfSeries: NAVAREA I interoperabilityIdentifier: nameOfSeries: 88 warningType (4): NAVAREA navigational warnings year: 2022	
	publicationTime	20220201T050000Z	
	navwarnTypeGeneral:	Security information change	
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNReferences	theWarning(role)		
	theReferences (role)		
AreaAffected	impacts (role)	ID01	
	affects (role)	ID02	
NAVWARNPart (ID01)	featureName	language:eng name: BAIE DE SEINE AND LE HAVRE HARBOUR. nameUsage:	
	warningInformation	information:	language:eng text: SECURITY ANNOUNCEMENT. REF: ISPS CODE - SECURITY LEVELS IN FRENCH TERRITORIAL WATERS IN THE BAIE DE SEINE AND IN LE HAVRE HARBOUR UPGRADED TO SECURITY LEVEL 3. ALL SHIPS ARE PROHIBITED TO ENTER BAIE DE SEINE AND LE HAVRE HARBOUR.
		NavwarnTypeDetails: maritime security level changes	
	restriction	(7) entry prohibited	
NAVWARNAreaAffected (ID02)	geometry	Polygon (Surface): Bounding box of the BAIE DE SEINE and LE HAVRE HARBOUR area	

Note: Bounding box of of baie de seine and le havre harbour required

3.19 Miscellaneous

3.19.1 In-Force Bulletin

Message element	Example 1
1. Message series identifier	NAVAREA II 085/22
2. General area	1. NAVAREA II WARNINGS IN FORCE AT 271630 UTC FEB 22:
3. Locality	2021 SERIES: 251, 476,
4. Chart number	2022 SERIES: 020, 027, 040, 041, 046, 057, 066, 069, 071, 073, 079, 080, 082, 083, 085.
5. Key subject	2. ONLY THOSE LESS THAN 42 DAYS OLD ARE DAILY BROADCAST ON SAFETY
6. Geographical position	NET AT 04H30 AND 16H30 UTC.
7. Amplifying remarks	

8. Cancellation details	3. THE COMPLETE TEXTS OF ALL IN-FORCE NAVAREA II WARNINGS ARE AVAILABLE FROM THE SHOM WEBSITE AT: DIFFUSION.SHOM.FR 4. ALTERNATIVELY, THESE MAY BE REQUESTED BY E-MAIL AT: COORD.NAVAREA2@SHOM.FR 5. CANCEL NAVAREA II 067/22.
-------------------------	---

NAVWWARNPreamble (ID00)	generalArea	localityIdentifier	
		locationName	language: eng text:NAVAREA II
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityIdentifier: nameOfSeries: 85 warningType: (9) NAVAREA in force bulletin year: 22	
	publicationTime	20220101T000000Z	
	intService:	True	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARNReferences	theWarning(role)	ID01	
	theReferences (role)	ID02, ID03, ID04, ID05, ID06, ID07, ID08, ID09, ID10, ID11, ID12, ID13, ID14, ID15, ID16, ID17, ID18, ID19, ID20, ID21	
NavwarnPart(ID01)	warningInformation	text: 1.NAVAREA II WARNINGS IN FORCE AT 271630 UTC 2022. 2.ONLY THOSE LESS THAN 42 DAYS OLD ARE DAILY BROADCAST ON SAFETYNET AT 04H30 AND 16H30 UTC. 3.THE COMPLETE TEXTS OF ALL IN-FORCE NAVAREA II WARNINGS ARE AVAILABLE FROM THE SHOM WEBSITE AT DIFFUSION.SHOM.FR 4.ALTERNATIVELY, THESE MAY BE REQUESTED BY -MAIL AT <u>COORD.NAVAREA2@SHOM.FR</u> 5.CANCEL NAVAREA II 67/22. NavwarnTypeDetails:	
	geometry	Bounding Box of the entire NAVAREA	
	text		
	textJustification	true	
	geometry		
References (ID02)	noMessageOnHand	false	
	ReferenceCategory	In force (5)	
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityIdentifier: nameOfSeries: 85 warningType: (9) NAVAREA in force bulletin year: 22	
References (ID03)	noMessageOnHand	false	
	ReferenceCategory	In force (5)	
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II	

		interoperabilityidentifier: nameOfSeries: 83 warningType: (4) NAVAREA navigational warning year: 22
References (ID04)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 82 warningType: (4) NAVAREA navigational warning year: 22
References (ID05)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 80 warningType: (4) NAVAREA navigational warning year: 22
References (ID06)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 79 warningType: (4) NAVAREA navigational warning year: 22
References (ID07)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 73 warningType: (4) NAVAREA navigational warning year: 22
References (ID08)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 71 warningType: (4) NAVAREA navigational warning year: 22
References (ID09)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 69 warningType: (4) NAVAREA navigational warning year: 22
References (ID10)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR

		nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 66 warningType: (4) NAVAREA navigational warning year: 22
References (ID11)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 57 warningType: (4) NAVAREA navigational warning year: 22
References (ID12)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 46 warningType: (4) NAVAREA navigational warning year: 22
References (ID13)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 41 warningType: (4) NAVAREA navigational warning year: 22
References (ID14)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 40 warningType: (4) NAVAREA navigational warning year: 22
References (ID15)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 27 warningType: (4) NAVAREA navigational warning year: 22
References (ID16)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 20 warningType: (4) NAVAREA navigational warning year: 22
References (ID17)	noMessageOnHand	false

	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries: 476 warningType: (4) NAVAREA navigational warning year: 21
References (ID19)	noMessageOnHand	false
	ReferenceCategory	In force (5)
	messageSeriesIdentifier	agencyResponsibleForProduction: FR nationality: FR nameOfSeries: NAVAREA II interoperabilityidentifier: nameOfSeries:251 warningType: (4) NAVAREA navigational warning year: 21
References (ID20)	noMessageOnHand	false
	ReferenceCategory	Cancellation (1)
	messageSeriesIdentifier	countrynationality: FR nameOfSeries: NAVAREA II productionAgencyagencyResponsibleForProduction:FR warningIdentifierinteroperabilityidentifier: nameOfSeries: 67 warningType: (4) NAVAREA navigational warning year: 22

3.19.2 No Warning Message

Message element	Example 1
1. Message series identifier	NAVAREA XIII SELF CANCELLING. NO NAVAREA XIII WARNINGS TO BROADCAST AT 282130 UTC JAN 22.
2. General area	
3. Locality	
4. Chart number	
5. Key subject	
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	messageSeriesIdentifier	agencyResponsibleForProduction: RUXX nationality:RU nameOfSeries:NAVAREA XIII interoperabilityidentifier: nameOfSeries: warningType (5) NAVAREA no warning year:
	cancellationDate	20220128T213000Z
	publicationTime	20220128T213000Z
	navwarnTypeGeneral:	True
	intService:	Y
NAVWARWNRReferences	theWarning(role)	ID00
	theReferences (role)	ID01
References	messageSeriesIdentifier	agencyResponsibleForProduction: RUXX nationality:RU nameOfSeries: NAVAREA XIII interoperabilityidentifier: nameOfSeries: warningType (5) NAVAREA no warning year:
	noMessageOnHand	true
	referenceCategory	

3.19.3 Cancellation Message

Message element	Example 1
1. Message series identifier	NAVAREA VII 126/22 CANCEL NAVAREA VII 100/22 AND THIS MSG, BAIXO RIBEIRO LIGHT, NORMAL CONDITIONS RESTORED.
2. General area	
3. Locality	
4. Chart number	
5. Key subject	
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	messageSeriesIdentifier	agencyResponsibleForProduction: ZAXX nationality:ZA nameOfSeries: NAVAREA VII interoperabilityidentifier: nameOfSeries: 126 warningType (4) NAVAREA navigational warning year: 2022	
	cancellationDate	20220622T183500Z	
	publicationTime	20220622T183500Z	
	navwarnTypeGeneral:		
	intService:	true	
NAVWARNPreambleContent	header (role)	ID00	
	theWarningPart (role)	ID01	
NAVWARWNReferences	theWarning(role)	ID00	
	theReferences (role)	ID02	
NAVWARNPart (ID01)	warningInformation	information:	language:eng text:BAIXO RIBEIRO LIGHT, NORMAL CONDITIONS RESTORED.
		NavwarnTypeDetails:	
References (ID02)	noMessageOnHand	False	
	referenceCategory	(1) Warning cancellation	
	messageSeriesIdentifier	agencyResponsibleForProduction: ZAXX nationality: ZA nameOfSeries: NAVAREA VII interoperabilityidentifier: nameOfSeries: 100 warningType: (4) NAVAREA navigational warning year: 2022	

3.19.4 Space Weather

Message element	Example 1
1. Message series identifier	NAVAREA IV 43/22. SPACE WEATHER. 1. STRONG SOLAR RADIATION STORM IN PROGRESS UNTIL 081000 UTC MAR 2022. RADIO AND SATELLITE NAVIGATION SERVICES MAY BE AFFECTED. 2. CANCEL THIS MSG 081100 UTC MAR 2022.
2. General area	
3. Locality	
4. Chart number	
5. Key subject	
6. Geographical position	
7. Amplifying remarks	
8. Cancellation details	

NAVWARNPreamble (ID00)	messageSeriesIdentifier	agencyResponsibleForProduction: USXX nationality:US nameOfSeries: NAVAREA IV interoperabilityidentifier: nameOfSeries:43
------------------------	-------------------------	--

		warningType (4) NAVAREA navigational warning year: 2022	
	cancellationDate	20220308T110000Z	
	publicationTime	20220305T020000Z	
	navwarnTypeGeneral:	Other hazards	
NAVWARNPreambleContent	intService:	True	
	header (role)	ID00	
AreaAffected	theWarningPart (role)	ID01	
	Impacts (role)	ID01	
NAVWARNPart (ID01)	Affects (role)	ID02	
	fixedDateRange	dateEnd: 20220308 dateStart: 20220305 timeOfDayEnd: 110000Z timeOfDayStart: 020000Z	
	warningInformation	information:	language:
			text: STRONG SOLAR RADIATION STORM IN PROGRESS. RADIO AND SATELLITE NAVIGATION SERVICES MAY BE AFFECTED.
NAVWARNAreaAffected (ID02)	geometry	NavwarnTypeDetails: "other" space weather	
		Polygon (Surface): Bounding box to include the entirety of NAVAREA IV	