**S-124**



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**Annex A**

**Data Classification and Encoding Guide**

**Candidate for Edition 2.0.0 – March 2025**

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**Document Control**

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**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.

|  |  |
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| **Change Summary** | **Clauses Affected** |
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# 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

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**Contact:** International Hydrographic Organization

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**URL:** [www.iho.int](http://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  irish sea.  northern ireland.  CHART (INT ).  hellyhaunter lightBUOY  50-00.30n 006-02.00w MISSING |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 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]](#footnote-1)** | **generalArea** | localityIdentifier | |  | |
| **locationName** | | language: | |
| text: | |
| locality | localityIdentifier | |  | |
| **locationName** | | language: | |
| text: | |
| **messageSeriesIdentifier** | **agencyResponsibleForProduction**:  nationality:  **nameOfSeries**:  interoperabilityidentifier: **nameOfSeries:**  **warningType**  **year**: | | | |
| AffectedChartPublications | chartAffected: | | | chartNumber:  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]](#footnote-2) | dateEnd:  dateStart:  timeofDayEnd:  timeofdayStart: | | | |
| **warningInformation[[3]](#footnote-3)** | information: | Language: | | |
| Text: | | |
| NavwarnTypeDetails: | | | |
| geometry |  | | | |
| restriction |  | | | |
| NAVWARNAreaAffected | **geometry** |  | | | |
| TextPlacement | **geometry** |  | | | |
| scaleMinimum |  | | | |
| **Text** |  | | | |
| **textOffsestBearing** |  | | | |
| **textOffsetDistance** |  | | | |
| **textRotation** |  | | | |
| References | **messageSeriesIdentifier** | **agencyResponsibleForProduction**:  nationality:  **nameOfSeries**:  interoperabilityidentifier: **nameOfSeries**:  **warningType**  **year**: | | | |
| **noMessageOnHand[[4]](#footnote-4)** |  | | | |
| **referenceCategory** |  | | | |

**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 | | |
| **intService:** | true | | |
| NAVWARNPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| AreaAffected | impacts (role) | ID01 | | |
| affects (role) | ID02 | | |
| NAVWARNPart (ID01) | 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  irish sea.  northern ireland.  CHART (INT ).  hellyhaunter lightBUOY  50-00.30n 006-02.00w MISSING |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 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 | | |
| **intService:** | true | | |
| NAVWARNPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| AreaAffected | impacts (role) | ID01 | | |
| affects (role) | ID02 | | |
| NAVWARNPart (ID01) | 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 | | |

## 3.1.2 Example 2 – Light Unreliable

|  |  |
| --- | --- |
| **Message element** | **Example 2 – Light Unreliable** |
| 1. Message series identifier | NAVAREA III 451/21  western mediterranean sea.  tunisia-north coast.  CHART (INT ).  canis light 31-21.20n 010-07.40e unreliable. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 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 | | |
| **intService:** | true | | |
| 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  england-EAST COAST.  Race Bank wind farm.  CHART (INT ).  fog signals inoperative at turbines in  a. 53-14.90n 000-48.90e.  b. 53-17.80n 000-46.30e.  c. 53-21.10n 000-49.10e. |
| 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**: 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 | | |
| **intService**: | true | | |
| NAVARNPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| NAVWARNPart (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 | NAVAREA v 678/22  western south atlantic.  brazil-south coast.  CHART (INT ).  1. racon at tramandai light 30-00.50s 050-08.2w inoperative until 29 mar 2022.  2. cancel this msg 30 mar 2022. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 8. Cancellation details |

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 | | |
| **navwarnTypeGeneral**: | aids to navigation change | | |
| **intService**: | true | | |
| NAVWARNPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| AreaAffected | 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  gulf of mexico.  texas.  CHART (INT ).  angleton dgps station 29-18.10n 095-29.00w PERMANENTLY discontinued. |
| 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:Gulf of Mexico | |
| locality | localityIdentifier |  | |
| **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  bay of bengal.  off krishnapatnam.  CHART (INT ).  dangerous WRECK REPORTED IN 14-14.25n 080-09.85e. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 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 | | |
| **intService**: | true | | |
| NAVWARNPreambleContent | 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  barents sea.  CHART (INT ).  WRECK, least depth 20 metres,  in 70-10.72n 032-56.55e. |
| 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: 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 | | |
| **intService**: | true | | |
| 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  iran.  ras e jesk.  CHART (INT ).  dangerous wreck marked by south cardinal BUOY  in 25-38.85n 057-39.51e. |
| 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: 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  india – west coast.  valiyazhikal.  CHART (INT ).  light, fl(3) W 2 Sec 15 M, ESTABLISHED  in 09-08.41n 076-27.27e. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 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  BRAZIL.  ILHA de sao sebastiao.  CHART (INT ).  Special buoy (odas), yellow, fl(5) y 20 sec,  established in 24-28.03s 044-24.36w. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 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: | | |
| **warningInformation** | information | language: eng | |
| text: Special buoy (odas), yellow, fl(5) y 20 sec | |
| navwarwnTypeDetails: buoy establishment | | |
| geometry | Point 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  andaman sea.  port blair.  CHART (INT ).  north point light 11-42.29n 092-45.22e range reduced to 10 miles. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 8. Cancellation details |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NWPreamble (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 | | |
| **intService**: | true | | |
| NAVWARNPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| AreaAffected | impacts (role) | ID01 | | |
| affects (role) | ID02 | | |
| NavigationalWarn Part (ID01) | featureName | language: eng  name: north point light  nameUsage: | | |
| featureReference | [MRN] | | |
| **warningInformation** | information | language: eng | |
| text: reduced to 10 miles | |
| navwarwnTypeDetails: light range reduced | | |
| geometry | Point 11-42.29n 092-45. | | |
| NAVWARNAreaAffected(ID02) | 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  india.  kanhoji angre.  CHART (INT ).  khanderi island light 18-42.20n 072-48.82e visible sector changed to white 181-018, red 018-181 degrees. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 8. Cancellation details |

Note: 10 Mile Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NWPreamble (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  WESTERN MEDITERRANEAN SEA.  ALGERIA.  CHART (INT ).  ILE RACHGOUN LIGHT 35-19.45N 001-28.65W  CHANGED TO F R. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 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  SCOTLAND, NORTH-EAST COAST. APPROACHES TO INVERNESS.  CHART (INT ).  AIS AID TO NAVIGATION MMSI 992351072 ESTABLISHED AT RIFF BANK EAST LIGHT-BUOY 57-38.38N 003-58.15W. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 8. Cancellation details |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NWPreamble (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 | | |
| **intService**: | true | | |
| NAVWARNPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| NavigationalWarn Part (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  TORRES STRAIT.  CAPE YORK NORTHWESTWARD.  CHART (INT ).  HERALD PATCHES BUOY 10-30.16S 142-21.50E TEMPORARILY REMOVED. VIRTUAL AIS AID TO NAVIGATION STARBOARD HAND MARK MMSI 995036022 ESTABLISHED AT THE SAME POSITION. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 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 | | | |
| NAVWARNPreambleContent | 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  portugal to spain.  off cape finisterre.  CHART (INT ).  towing operations in progress by tug eems towing  m/v angon from leixoes to villagarcia, length of tow  400 metres along line joining  38-22.60n 009-38.20w, 40-20.65n 010-03.88w,  42-12.87n 008-56.44w.  wide berth requested. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 8. Cancellation details |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NWPreamble (ID00) | **generalArea** | localityIdentifier | |  |
| **locationName** | | language: eng |
| text: PORTUGAL TO SPAIN |
| locality | localityIdentifier | |  |
| **locationName** | | language: eng |
| text: OFF CAPE FINISTERRE |
| **messageSeriesIdentifier** | **agencyResponsibleForProduction**: FRXX  nationality: FR  **nameOfSeries**: NAVAREA II  interoperabilityidentifier:  **nameOfSeries**: 465  **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 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  south atlantic ocean.  south africa to senegal.  CHART (INT ).  TUG sea alfa TOWING DRILL RIG petrobras 2000.departs cape town 34-52.45s 018-29.45e destination dakar 18-16.00s 004-28.00e. LENGTH OF TOW 500 METRES. wide berth requested |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 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  SEA OF JAPAN.  PROLIV LAPERUZA AND SAKHALIN NORTH EAST COAST.  CHART (INT ).  TUG TOWING DRILLING RIG PA-B 04 on 18 JUN 2021 along  line joining  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.  LENGTH OF TOW 1000 METRES SPEED 4.2 KNOTS.  ONE MILE BERTH REQUESTED. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 8. Cancellation details |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NWPreamble (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 | | |
| **intService**: | true | | |
| NAVWARNPreambleContent | 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 ENGLISH CHANNEL.  DOVER STRAIT AND AT WEST HINDER TSS.   CHART (INT ).  1. ALP DEFENDER TOWING MV SPIEGELGRACHT FROM LYME BAY, ENGLAND TO ZEEBRUGGE, BELGIUM IN VICINITY OF LINE JOINING 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.  LENGTH OF TOW 800 METRES. 2.  ALP DEFENDER IN 50-40.1N 001-20.9E AT 020200 UTC DEC 2021. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 8. Cancellation details |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| NWPreamble (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 | | | |
| **intService**: | true | | | |
| 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.  celtic sea.  off ushant tss.  CHART (INT ).  1. seven containers adrift in vicinity  48-40.00n 005-56.00w at 250856 UTC nov 2021.  2.Cancel this msg 280856 UTC NOV 2021. |
| 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: 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  eastern north atlantic.  madeira.  CHART (INT ).  1.derelict sailing vessel ADRIFT IN VICINITY  32-46.60n 014-09.10w AT 031423 UTC nov 2021.  2.CANCEL THIS MSG 061423 UTC NOV 2021. |
| 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: 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 | | |
| NAVWARNPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| NAVWARNPart (ID01) | fixedDateRange | dateEnd:  dateStart: 20211103  timeofDayEnd:  timeofdayStart: 142300Z | | |
| **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  TIMOR SEA.  CHART (INT ).  1.FISHING NET, 50 METRES LONG, ADRIFT  IN 09-27.60S 131-49.00E AT 230022 UTC NOV 2021.  2.CANCEL THIS MSG 260022 UTC NOV 2021. |
| 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: 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  western caribbean sea.  colombia.  CHART (INT ).  1.partially submerged rectangular metallic object  adrift in vicinity 12-58.31n 078-03.09w  AT 190030 UTC nov 2021.  2.CANCEL THIS MSG 220030 UTC nov 2021. |
| 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: 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.  bay of bengal.  off machilipatnam.  CHART (INT ).  1.buoy adrift in vicinity 15-37.90n 082-10.3e  on 042359 utc mar 2021.  2.CANCEL THIS MSG 072359 utc mar 2021. |
| 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: 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 | | |
| NAVWARNPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| NAVWARNPart (ID01) | fixedDateRange | dateEnd:  dateStart: 20210304  timeofDayEnd:  timeofdayStart: 2359Z | | |
| **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  western indian ocean.  off reunion.  CHART (INT ).  1. wood debris adrift in 21-10.50s 055-12.33e at 291036 utc mar 2021.  2. CANCEL THIS MSG 011036 UTC apr 2021. |
| 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: 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 | | |
| **intService**: | true | | |
| NAVWARNPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| NAVWARNPart (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  northwest atlantic ocean.  southeastern grand banks of newfoundland.  CHART (INT ).  1. dead whale, 10 metres in length, reported adrift  in 45-02.60n 048-52.80w at 032100 utc aug 2021.  2. CANCEL THIS MSG 042100 UTC aug 2021. |
| 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: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** | 20210803T22000Z | | |
| **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  southern red sea.  farasan bank.  1. mines reported adrift in area bound by  16-45.6n 042-15.7e, 15-41.5n 042-39.4e,  15-54.0n 043-02.3e, 16-58.7n 042-35.1e.  2. mariners are requested to navigate with caution  in the above area. |
| 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: 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  south PACIFIC OCEAN.  LAU BASIN.  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.  2. CANCEL THIS MSG 292300 UTC AUG 2022. |
| 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: 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  paita bay.  peru.  CHART (INT ).  1. sar operation in progress in area bound by  05-27.32s 081-44.45w, 05-22.53s 081-27.95w,  05-49.57s 081-16.57w, 05-55.43s 081-32.42w.  2. all vessels not under instruction of the  sar mission to keep a wide berth. |
| 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: 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 | | |
| **intService**: | True | | |
| NAVWARNPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| NAVWARNPart (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 BIRTGH |
| 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  Morocco.  off casablanca.  1. SEARCH AND RESCUE EXERCISE in progress until 041600 utc nov 2021 IN AREA BOUND BY  33-57.00N 008-03.03W, 34-04.80n 007-47.00W,  33-46.50n 007-36.00W, 33-39.00n 007-52.00w.  2. CANCEL THIS MSG 041700 UTC nov 2021. |
| 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: 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: 2021101  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  EASTERN NORTH PACIFIC.  1.THE 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  IN 35-14.00N 140-19.00W AT 170815Z AUG 2022.  TWO MILE BERTH REQUESTED.  2.CANCEL NAVAREA XII 570/22. |
| 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: 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  CANADIAN ARcTIC.  VICTORIA STRAIT.  CHART (INT ).  27.8 METRE SHOAL LOCATED IN 68-58.95N 101-08.32W. |
| 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: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  NORTH ATLANTIC OCEAN.  off sao sebastiao.  CHARt (INT ).  depths reported:  a. 15 metres in 24-00.75s 045-41.75w.  b. 15 metres in 24-01.50s 045-23.90w. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 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 | | |
| **intService**: | True | | |
| NAVWARNPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01, ID02 | | |
| NAVWARNPart (ID01) | **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  eastern indian ocean.  australia-northwest coast.  CHARt (INT ).  uncharted rock reported in 16-53.06s 122-03.78e. |
| 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: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 | | |
| **intService**: | True | | |
| NAVWARNPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| NAVWARNPart (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  kara sea.  zaliv chikhachyova.  CHART (INT ).  underwater obstruction LOCATED in 59-29.25N 140-54.76W. |
| 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:KARA SEA | |
| locality | localityIdentifier |  | |
| **locationName** | language: eng | |
| text: ZALIV CHIKHACHOYOVA | |
| **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.  PERU.  BAHIA DEL CALLAO.  CHARt (INT ).  LESS WATER THAN CHARTED REPORTED  11-59.89S 077-17.50W. |
| 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: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 BARENTS SEA 1. DUE TO ROCKET LAUNCHING THE USE OF THE FOLLOWING TRAFFIC SEPARATION SCHEME AND RECOMMENDED ROUTE ARE TEMPORARILY SUSPENDED FROM 191400 TO 221400 UTC FEB 2022: A. TSS OFF VARDOE AND TSS OFF SLETTNES B. RECOMMENDED ROUTE BETWEEN TSS OFF VARDOE AND TSS OFF SLETTNES 2. CANCEL NAVAREA XIX 14/22 3. CANCEL THIS MESSAGE 221400 UTC FEB 2022 |
| 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: 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  AUSTRALIA NORTH COAST. TORRES STRAIT.  CHART (INT ).  COMPULSORY TORRES STRAIT PILOTAGE 10-32S 143-01E. 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.](mailto:OPERATIONS@REEFPILOTS.COM.AU) TORRES PILOTS PTY LTD - [OPERATIONS@TORRESPILOTS.COM.AU.](mailto:OPERATIONS@TORRESPILOTS.COM.AU) |
| 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:Australia North Coast | |
| locality | localityIdentifier |  | |
| **locationName** | language: eng | |
| text: Toreres 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.](mailto:OPERATIONS@REEFPILOTS.COM.AU) TORRES PILOTS PTY LTD - [OPERATIONS@TORRESPILOTS.COM.AU.](mailto: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.  GULF OF MEXICO  DUE TO PASSAGE OF HURRICANE IDA:  1. THE FOLLOWING PORT(S) ARE CLOSED:  A. PORT OF BATON ROUGE 30-27N 091-11W.  B. PORT OF NEW ORLEANS 29-57N 090-03W.  2. THE FOLLOWING PORT(S) ARE OPEN WITH RESTRICTIONS:  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. |
| 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: 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.USCG.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.USCG.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.USCG.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  eastern mediterranean sea.  cyprus.  CHART (INT ).  1. hydrographic survey in progress until  170001 utc nov 2021  by m/v nautical geo in area bound by  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. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 8. Cancellation details |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 | | |
| NavigationalWarn Part (ID01) | fixedDateRange | dateEnd: 20211117  dateStart:20211113  timeofDayEnd:000100Z  timeofDayStart: 000000Z | | |
| **warningInformation** | information | language: eng | |
| text: M/v nautical geo WIDE BERTH REQUESTED | |
| navwarwnTypeDetails: hydrographic survey activity | | |
| geometry | 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  eastern south pacific.  chile  CHART (INT ).  1. scientific operations by m/v abate molina from  090345 utc may 2021 to 07000 utc jun 2021  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.  wide berth requested.  2. cancel this msg 070100 utc jun 2021. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 8. Cancellation details |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NWPreamble (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 | | |
| theWarningPart (role) | ID01 | | |
| NavigationalWarn Part (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 Survery** |
| 1. Message series identifier | NAVAREA XIII 43/21  sea of okhotsk.  CHART (INT )  1. seismic SURVEY OPERATIONS IN PROGRESS  UNTIL 310001 utc AUG 2021 BY M/V VYACHESLAV TIKHONOV AND M/V PX GEO TOWING 4050 METER LONG CABLES IN AREA BOUND BY  52-46.56N 143-22.21E, 52-45.73N 143-57.85E,  52-02.62N 143-54.99E, 52-03.61N 143-11.28E.  FOUR MILE BERTH REQUESTED.  2. CANCEL THIS MSG 3101001 utc aug 2021. |
| 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: SEA OF OKHOTSK |
| locality | localityIdentifier | |  |
| **locationName** | | language: eng |
| text: |
| **messageSeriesIdentifier** | **agencyResponsibleForProduction**: RUXX  nationality: RU  **nameOfSeries**: NAVAREA XIII  interoperabilityidentifier:  **nameOfSeries**: **nameOfSeries**: 43  **warningType**: (4) NAVAREA navigational warning  **year**: 21 | | |
| **publicationTime** | 202108029T000000Z | | |
| cancellationDate | 20210831T010100Z | | |
| **navwarnTypeGeneral**: | Special operations | | |
| **intService**: | True | | |
| NAVWARNPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| NAVWARNPart (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  huDson bay.  canada.  CHART (INT ).  dredging operations 1100 utc to 2300 utc daily 18 AUG 2021 until further notice BY tugs poinciana and manuels river in vicinity 47-12.96n 061-59.09w. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 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 | | |
| **warningInformation** | information | language: eng | |
| text: 1100 utc to 2300 utc daily 18 AUG 2021 until further notice BY tugs poinciana and manuels river. | |
| 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  mediterranean sea.  tunisia.  CHART (INT ).  1. PIPELAYING OPERATIONS IN PROGRESS UNTIL 130001 utc feB 2022 BY M/V ievoli ivori in area bound by  37-01.01n 011-04.22e, 37-12.80n 011-15.51e,  37-12.80n 011-15.10e, 37-25.47n 011-42.71e.  one mile berth requested.  2. cancel this msg 130001 utc feb 2022. |
| 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: 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 | | |
| **navwarnTypeGeneral**: | works | | |
| **intService**: | True | | |
| NAVWARNPreambleContent | 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  north ATLANTIC OCEAN.  1. unmanned atlantic crossing by four metre  m/v mahi two in vicinity of line joining  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.  2. for the most current position of m/v mahi two,  go to projectmahi.datylon.com |
| 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: 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.datylon.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  western approaches to the english channel.  CHART (INT ).  cable laying OPERATIONS IN PROGRESS by m/v ile de  brehat in vicinity of lines joining:  a. 49-00.80n 007-55.60w, 49-02.20n 007-53.90w.  b. 49-05.10n 007-52.40w, 49-06.00n 007-52.60w. |
| 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: 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(SURAFCE) 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  western south atlantic.  east of paranagua.  CHART (INT ).  1. ship to ship OPERATIONS 290900 UTC dec 2021 to  010900 utc jan 2022 Between M/V lena knutsen and  M/V saveiros in 10-02.28N 060-15.08W.  2. CANCEL THIS MESSAGE 011000 UTC jan 2022. |
| 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: 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  western south ATLANTIC.  east of ponta do ubu.  CHART (INT ).  1.diving OPERATIONS IN PROGRESS 1100 utc to 2100  utc daily 23 to 26 oct 2022 in 20-50.33s 040-03.52w.  2.CANCEL THIS MESSAGE 262200 UTC oct 2022. |
| 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: 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 | | |
| NAVWARNPreambleContent | header (role) | ID00 | | |
| 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  bay of biscay.  spain.  CHART (INT ).  1. scientific moorings established until 010001 utc mar 2022 by m/v atalante in:  a. 46-06.00n 006-47.00w.  b. 44-10.00n 002-10.00w.  2. cancel this msg 010100 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)** | **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 | | |
| theWarningPart (role) | ID01 | | |
| AreaAffected | 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 radium 2 NM 46-06.00n 006-47.00w. | | |
| geometry | Circle by center point radium 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  arafura sea.  australia-north coast.  CHART (INT ).  tide GAUGE in 10-31.30s 141-12.70e unreliable. |
| 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: 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** | 20210201T000001Z | | |
| **navwarnTypeGeneral**: | Scientific Instruments Change | | |
| **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: established by GAUGE UNRELIABLE | |
| NavwarnTypeDetails: tide gauge change | | |
| geometry | Point 10-31.3S 141-12.7E | | |
| NAVWARNAreaAffected (ID02) | geometry | Circle by center point radium 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  NORTH ATLANTIC OCEAN.  GRAND BANKS OF NEWFOUNDLAND. CHART (INT ).  DART BUOY ESTABLISHED 44-04.58N 055-12.80W. |
| 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: 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** | 20210201T000001Z | | |
| **navwarnTypeGeneral**: | aids to navigation changes | | |
| **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: 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  IONIAN SEA.  CHART (INT ).  1. acoustic seabed instruments deployed from 231500 utc to 242000 utc mar 2019 in:  a. 44-41.46n 063-37.71w.  b. 44-41.46n 063-38.38w.  c. 44-41.32n 063-38.04w.  2. cancel this msg 242100 mar 2019. |
| 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: 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  indian ocean.  australia-northwest coast.  CHART (INT ).  drill rig valaris ms-1 in 20-57.27s 114-52.10e.  2.5 miles clearance requested. |
| 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: 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. | | |
| restriction | 8=entry restricted | | |
| NAVWARNAreaAffected (ID02) | 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  SOUTH ATLANTIC OCEAN.  ANGOLA, CONGO, IVORY COAST AND NAMIBIA. CHART (INT ).  RIG LIST:  05-08.58S 011-55.15E PRIDE CAPINDA.  05-33.08S 011-27.08E PRIDE VENEZUELA.  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. |
| 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: 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 | | | |
| theWarningPart (role) | ID01, ID02, ID03, ID04, ID05, ID06, ID07, ID08, ID09, ID10 | | | |
| AreaAffected | impacts (role) | ID01, ID02, ID03, ID04, ID05, ID06, ID07, ID08, ID09, | | | |
| affects (role) | ID11, ID12, ID13, ID14, ID15, ID16, ID17, ID18, ID19, | | | |
| 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  URUGUAY.  MONTEVIDEO.  CHART (INT ).  PLATFORM M4/25 ESTABLISHED IN 35-00N 056-20W. |
| 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: 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  gmdss.  mrcc shetland  vhf r/t and dsc services to dunnet head site,  58-40.3n 003-22.6w off air. |
| 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: 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 | | |
| **intService**: | Y | | |
| navwarnPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| NavigationalWarn Part (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  GMDSS. MRCC STORNOWAY. MF R/T AND DSC SERVICES FROM BUTT OF LEWIS SITE,  58-27.7N 006-13.9W, OFF AIR. |
| 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: GMDSS |
| locality | localityIdentifier | |  |
| **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 | | |
| **intService**: | Y | | |
| navwarnPreambleContent | header (role) | ID00 | | |
| theWarningPart (role) | ID01 | | |
| NavigationalWarn Part (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  GMDSS  1.NAVTEX STATION CULLERCOATS (G), 55-04N 001-28W,  OFF AIR DAILY BETWEEN 0900 AND 1530 UTC ON 12 TO 13 JAN 2022.  2. CANCEL THIS MESSAGE 131630 UTC JAN 2022. |
| 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: 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 | |
| NavwarnTypeDetails: NAVTEX service change | | |
| geometry | 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  EASTERN SOUTH PACIFIC.  PERU.  CHART \_\_\_\_ (INT \_\_\_\_).  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.  2.CANCEL THIS MESSAGE 181700 UTC JAN 2021. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 | | |
| theWarningPart (role) | ID01 | | |
| NAVAWARNPart (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  INDIA WEST COAST.  OFF ALAPPUZHA.  1.SUBSURFACE EXPLOSIVE OPERATIONS SCHEDULED 0330 TO 0630 UTC DAILY ON 17 AND 21 DEC 2021 IN AREA WITHIN FIVE MILES OF 09-19.58N 075-46.8E.  2.CANCEL THIS MSG 210730 UTC DEC 21. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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.  SOUTHwest PACIFIC basin.  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. |
| 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: 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.  ARABIAN SEA.  OFF BALASORE.  1. iNDIAN AIR FORCE EXERCISE 0430 TO 0630 UTC AND 0830 TO 1030 20 THRU 22 DEC 2021 IN AREA BOUND BY  21-41.00N 087-44.00E, 20-57.00N 086-53.00E  20-56.00N 086-55.00E.  2. CANCEL THIS MSG 221130 UTC DEC 2021. |
| 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: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  western north atlantic.  floriDa.  1. ROCKET LAUNCHING 090600 utc to 090753 utc dec 2021, alternate 0600 utc to 0753 utc daily 10 thru 14 dec 2021 in area bound by  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.  2. CANCEL THIS MESSAGE 140853 UTC dec 2021. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 8. Cancellation details |

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| --- | --- | --- | --- | --- |
| **NAVWARNPreamble (ID00)** | **generalArea** | localityIdentifier | |  |
| **locationName** | | language: eng |
| Text:Western North Atlantic |
| locality | localityIdentifier | |  |
| **locationName** | | language: eng |
| text: Flordia |
| **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  ARTIC OCEAN  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](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. |
| 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: 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](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  CANADIAN ARCTIC  SIMPSON STRAIT  ETA ISLAND  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. |
| 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: CANADIAN ARTIC | |
| 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  peru.  callao ANCHORAGE.  armed robbery.  1. m/v at anchor boarded by seven ARMED ROBBERs  IN 12-01.05s 077-11.37w 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.  2. CANCEL THIS MSG 040710 utc FEB 2022. |
| 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: 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 | | |
| **intService**: | true | | |
| NAVWARNPreambleContent | 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](mailto: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  GULF OF GUINEA.  NIGERIA.  Act of PIRACY.  1. M/V ATTACKED IN 02-49N 002-31E 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  2. CANCEL THIS MSG 091930 UTC JUN 2021. |
| 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: 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 | | |
| **intService**: | true | | |
| NAVWARNPreambleContent | 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 | | |
| restriction | (14) area to be avoided | | |
| NAVWARNAreaAffected (ID02) | 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  gulf of guinea.  nigeria.  OFF BAYELSA.  act of piracy.  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.  2. CANCEL THIS MSG 291200 utc nov 2020. |
| 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: 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 | | |
| **intService**: | true | | |
| NAVWARNPreambleContent | 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  PACIFIC OCEAN.  PHILLIPINES.  TSUNAMI WARNING.  EARTHQUAKE, MAGNITUDE 7.2, OCCURRED  AT 111746 UTC AUG 2021 IN 06-30N 126-48E.  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. |
| 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: 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 phillipines 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  aLASKA COASTAL AREAS.  TSUNAMI WARNING.  EARTHQUAKE WITH MAGNITUDE OF 8.2 HAS OCCURRED  IN VICINITY 55-18N 157-48W 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. |
| 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: 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 alaskian 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](http://WWW.CANADA.CA) FOR UPDATES ON COVID-19.  VISIT [WWW.TC.CANADA.CA](http://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](http://WWW.CANADA.CA) FOR UPDATES ON COVID-19. VISIT [WWW.TC.CANADA.CA](http://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  LE HAVRE HARBOUR. |
| 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: |
| 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  1. NAVAREA II WARNINGS IN FORCE AT 271630 UTC FEB 22:  2021 SERIES: 251, 476,  2022 SERIES: 020, 027, 040, 041, 046, 057, 066, 069, 071, 073, 079, 080, 082, 083, 085.  2. ONLY THOSE LESS THAN 42 DAYS OLD ARE DAILY BROADCAST ON SAFETY  NET 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 E-MAIL AT: COORD.NAVAREA2@SHOM.FR  5. CANCEL NAVAREA II 067/22. |
| 2. General area |
| 3. Locality |
| 4. Chart number |
| 5. Key subject |
| 6. Geographical position |
| 7. Amplifying remarks |
| 8. Cancellation details |

|  |  |  |  |
| --- | --- | --- | --- |
| **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 [COORD.NAVAREA2@SHOM.FR](mailto:COORD.NAVAREA2@SHOM.FR)  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 |
| NAVWARWNReferences | 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 | |
| **intService**: | True | |
| NAVWARNPreambleContent | header (role) | ID00 | |
| theWarningPart (role) | ID01 | |
| AreaAffected | Impacts (role) | ID01 | |
| Affects (role) | ID02 | |
| NAVWARNPart (ID01) | 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. |
| NavwarnTypeDetails: “other” space weather | |
| NAVWARNAreaAffected (ID02) | geometry | Polygon (Surface): Bounding box to include the entirty of NAVAREA IV | |

1. Must be associated with at least of References or NavwarnPart. [↑](#footnote-ref-1)
2. timeOfDayStart can only be present if dateStart is also present. timeOfDayEnd can only be present if dateEnd is also present. [↑](#footnote-ref-2)
3. If using the NAVWARNPart, warningInformation is mandatory. warningInformation must contain at least one attribute, either information or NavwarnTypeDetails. [↑](#footnote-ref-3)
4. If noMessageOnHand=true, then messageSeriesIdentifier is prohibitied. If noMessageOnHand=false, then message series Identifier is mandatory. [↑](#footnote-ref-4)