Annual Edition of Notices to Mariners 2019

Annexed to N.M. No. 1 of 2019

Japan Coast Guard
CAUTION

In the interest of ensuring safety of navigation and protecting the marine environment, the Japan Coast Guard (JCG) publicizes information that could affect safety of navigation and environmental protection by issuing Notices to Mariners (NTMs) and Navigational Warnings (NWs), and publishing such information on the JCG charts and in other nautical publications, based on laws, regulations, proclamations, charts, NTMs, NWs issued by countries concerned as well as reports made by ships.

Mariners and users of such information and materials must clearly understand:--

(a) that provision of such information by the JCG is solely for the purpose of safety of navigation, and does not mean that the Government of Japan recognizes the contents of the information, including the laws, regulations, and proclamations of other countries, and
(b) that in the case of emergency, information must be dispatched as quick as possible and therefore it cannot always be verified before promulgation, and
(c) the information on the NTMs may not always be completed and up-to-date, and
(d) that the mariner must be the final judge of the reliance he can place on the information given.
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I. INFORMATION ABOUT MARITIME SAFETY INFORMATION (See attached sheet 1)

The Japan Coast Guard issues Notices to Mariners and transmits Navigational Warnings as a means to provide Maritime Safety Information. An Outline of Notices to Mariners and Navigational Warnings are as follows,

1. Notices to Mariners

<table>
<thead>
<tr>
<th>Types</th>
<th>Contents</th>
<th>Day of pub.</th>
<th>Term</th>
<th>Providing Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notices to Mariners</td>
<td>Information for updating nautical charts and for the safe navigation.</td>
<td>every Friday</td>
<td>English</td>
<td>Internet</td>
</tr>
</tbody>
</table>

2. Navigational Warnings

<table>
<thead>
<tr>
<th>Types</th>
<th>Contents</th>
<th>Broadcast schedule</th>
<th>Term</th>
<th>Providing Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAVAREA XI Navigational Warnings</td>
<td>Information that needs to be relayed to ships urgently for the safe navigation in the ocean beyond about 300 miles from the coast.</td>
<td>fixed time &amp; any time</td>
<td>English</td>
<td>EGC via INMARSAT &amp; Internet</td>
</tr>
<tr>
<td>NAVTEX Navigational Warnings</td>
<td>Information that needs to be relayed to ships urgently for the safe navigation in the coastal area within about 300 miles from the Japanese coast.</td>
<td>fixed time &amp; any time</td>
<td>English</td>
<td>NAVTEX &amp; Internet</td>
</tr>
<tr>
<td>LOCAL Navigational Warnings</td>
<td>Information that needs to be relayed to ships urgently for the safe navigation within and approaches of harbours.</td>
<td>fixed time &amp; any time</td>
<td>English</td>
<td>VHF &amp; Internet</td>
</tr>
</tbody>
</table>

3. Website URL

(Notices to Mariners) http://www1.kaiho.mlit.go.jp/TUHO/tuho/nm_en.html
(Navigational Warnings) http://www1.kaiho.mlit.go.jp/TUHO/keiho/navarea11_en.html
NOTICES TO MARINERS  (See attached sheet 1)

The Weekly Notices to Mariners (N. M.) is issued on every Friday. In addition to N.M. following annexes are issued in case of need.

- List of Temporary & Preliminary Notices (4 times a year)
- Numerical Index of Notices to Mariners (twice a year)
- List of Sea Training Areas used by U. S. Forces, Japan (once a year)
- Annual Edition of Notices to Mariners (once a year)

-1. Contents of N.M.
(1) Notices for Small Correction to Chart
(2) Temporary and Preliminary Notices
(3) NAVAREA XI Navigational Warnings in force
(4) Information about Charts and Publications
(5) Other Information

-2. Examples of N. M.
Notice for Small Correction

```
8/18. HONSHU, S. Coast—Sagami Wan—Doso Ko, Southwestward—Light Buoy established.
Insert \[ \frac{1}{2} F(5) Y 20s \] on charts W80, JP80, \( \text{and} \frac{1}{2} \) 35-15-57N 139-16-40E
Charts[Last correction].—W1078[1/18]—W80[1/18]—JP80[1/18]
Publication referred.—411. No. 2420.
(Maritime Traffic Department.)
```

Notice for Temporary and Preliminary

```
5003(T)/18. NANPO SHOTO—Kazan Retto—Io To, East—Northeastward—Gunnery Exercises.
Period 0800 to 1800 daily 01 February to 31 March 2018
Area bounded by line joining four positions
(1) 27-55-15N 144-57-48E
(2) 28-15-15N 146-29-47E
(3) 25-25-16N 147-37-47E
(4) 25-00-16N 145-35-48E
Remark.—Ship to air gunnery and ship to surface gunnery.
Chart temporarily affected.—W48.
(Ministry of Defense.)
```
a) Symbol " * " indicates that first time notice based on the original information of Japan.
b) Number in the current year.
c) The geographical area, or region, or port.
d) Title of the correction.
e) Text of the correction.
f) Position showing latitude and longitude.
g) Charts No. and the square brackets[] contain the previous correction number or New Publication date for that chart.
h) Refer to publication. Example Pub. 411 " List of Aids to Navigation ".
i) Source of the information.
j) Symbol (T) indicates Temporary Notice, Symbol (P) indicates Preliminary Notice.
k) Affected Chart No.

-3. Information about kind of Charts for N.M.

W : WGS Chart:
The World Geodetic System 84 (WGS-84) charts, transcribed in Japanese and English.

JP : Chart in English:
JP Charts are described in English or Roman Letters, which are published in the same area, same scale size and same geodetic system as " WGS Chart ".

INT : International Chart:
Published in accordance with Technical Resolutions of the International Hydrographic Organization (IHO)
Member states of the IHO including Japan share the responsibility of producing INT charts, on which intentionally standardized symbols, abbreviations, chart numbers, etc. are used.
e.g. W4052(INT52) Japanese Chart No. W4052 and International Chart No.52

FW : Fisheries Chart:
Fishing zones and other fishery information are indicated on " WGS Chart ".

-4. Explanatory notes
(1) The Notices for Small Correction to Chart give instructions to update nautical charts.
(2) The symbols and abbreviations are based on Chart No. 6011 " Chart Symbols and Abbreviations ".
(3) Bearings are referred to the true bearing in three digit clockwise from 0° to 360°
Bearings relating to limit of light sector and leading line are from seaward.
(4) Japan Standard Time (UTC +9h) is used in expressing time unless otherwise stated.
Time is expressed in four digit from 0000 to 2400.
(5) The Number of Notice of former notice to be referred or canceled is shown on the beginning of each notice.
Ⅱ-5. Corrections of Charts
The updating of nautical charts and publications is important for the safety of navigation. Mariners are advised to correct and update their charts by information of Notices to Mariners. Temporary or Preliminary Notices are to be annotated in pencil on the appropriate place of charts affected.

Remarks: Notices for Small Correction to Chart, and Temporary and Preliminary Notices are available from the Web site. Information is updated on every Friday.

Ⅱ-6. Use of Notices to Mariners and Chartlets (Blocks) on the Website
Printed copies from the Notices to Mariners and Chartlets on the JHOD Website can be used as an equivalent of the paper version of the Notices to Mariners and Chartlets. As for Chartlets printed from the website, depending on the quality and condition of the printer and ink you use, you may not get the same result as paper version. The JCG does not accept any responsibility whatsoever for the accuracy and/or reliability of the information as displayed or printed on the user’s equipment.
Recommendation for optimum results in printing Chartlets:
(1) The software required is Adobe Acrobat Reader.
(2) Please do not click "Fit to Page" check box in the Adobe Acrobat print menu, otherwise large size Chartlets may not fit the chart.
(3) The minimum specification of printer is a good quality one with 300 dpi resolution or more.
(4) It may be necessary to set color adjustment for some model of printer.
(5) Minimum paper specification for printing Chartlets is international paper size A4, thickness/weight about 64 grams paper.
Ⅲ. NAVIGATIONAL WARNINGS (JAPAN)

Ⅲ-1. NAVAREA XI Navigational Warnings  (See attached sheets 1 & 2)

NAVAREA Warnings are promulgated under the World-Wide Navigational Warning Service (WWNWS) established jointly by IHO (International Hydrographic Organization) and IMO (International Maritime Organization).

The Service divides ocean of the world into 21 NAVAREAS.

Each NAVAREA is under the authority of an Area Coordinator.

JCG is the Coordinator of NAVAREA XI, which includes western part of North Pacific Ocean and southeastern part of Asia.

NAVAREA XI Navigational Warnings are issued through APAC satellite of INMARSAT when immediate notification for ocean-going mariners is essential.

NAVAREA XI Warnings are also available on the Web site.

Broadcast schedules:
(1) Routine broadcast times (UTC): 0005, 1205.
(2) Details of transmission.
   (a) Broadcast is made at nearest routine time after reception of the information and thereafter repeated daily at same time for 6 weeks.
   (b) NAVAREA XI Navigational Warnings Bulletin listing the numbers of in force warnings issued during the last 6 weeks is broadcasted at 1205 UTC on every Saturday.
   (c) Important message is broadcasted at immediately and is repeated once a day on routine time.

Remarks:
(1) NAVAREA XI Navigational Warnings in force are given in Notices to Mariners.
(2) " WEEKLY SUMMARY OF NAVAREA XI WARNINGS " is issued once a week on the Web site.

Ⅲ-2. NAVTEX Navigational Warnings  (See attached sheets 1, 2, 3 & 4)

Ⅲ-2-1. The outline of NAVTEX system

NAVTEX fulfills an integral role in the Global Maritime Distress and Safety System and is also component of the World-Wide Navigational Warning Service (WWNWS).

It provides navigational and meteorological warnings and search and rescue information on the designated schedule, which can be received and printed by NAVTEX receiver.

The NAVTEX receiver can reject information, which is unnecessary to some users, e.g. being out of the appropriate region.

Japanese NAVTEX Navigational Warnings is also available from the Web site.
The coast stations of NAVTEX Navigational Warnings (in English) in Japan are as follows:

<table>
<thead>
<tr>
<th>Coast station</th>
<th>B1 Character</th>
<th>Class of Emission, Frequency &amp; Power</th>
<th>Transmission Times (UTC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naha</td>
<td>G</td>
<td>F1B 518 kHz 5 kW</td>
<td>0100 0500 0900 1300 1700 2100</td>
</tr>
<tr>
<td>Moji</td>
<td>H</td>
<td></td>
<td>0110 0510 0910 1310 1710 2110</td>
</tr>
<tr>
<td>Yokohama</td>
<td>I</td>
<td></td>
<td>0120 0520 0920 1320 1720 2120</td>
</tr>
<tr>
<td>Otaru</td>
<td>J</td>
<td></td>
<td>0130 0530 0930 1330 1730 2130</td>
</tr>
<tr>
<td>Kushiro</td>
<td>K</td>
<td></td>
<td>0140 0540 0940 1340 1740 2140</td>
</tr>
</tbody>
</table>

Remark: Vital and important message is broadcasted immediately and is repeated on routine time.

Identification code and categories of message is as follows:

- A four-character group is prefixed to all messages. The first character (B1) denotes the identity of the transmitting station. The second character (B2) indicates the category of message, and the third and fourth character (B3 & B4) are serial numbers.

<table>
<thead>
<tr>
<th>Character (B2)</th>
<th>Category of Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Navigational warnings</td>
</tr>
<tr>
<td>B</td>
<td>Meteorological warnings</td>
</tr>
<tr>
<td>C</td>
<td>Ice reports</td>
</tr>
<tr>
<td>D</td>
<td>Search and rescue information</td>
</tr>
<tr>
<td>E</td>
<td>Meteorological forecasts</td>
</tr>
<tr>
<td>F</td>
<td>Pilot service messages</td>
</tr>
<tr>
<td>G</td>
<td>AIS</td>
</tr>
<tr>
<td>H</td>
<td>LORAN messages</td>
</tr>
<tr>
<td>I</td>
<td>spare</td>
</tr>
<tr>
<td>J</td>
<td>SATNAV messages</td>
</tr>
<tr>
<td>K</td>
<td>Other electronic nav aids messages</td>
</tr>
<tr>
<td>L</td>
<td>Tsunami warnings</td>
</tr>
<tr>
<td>Z</td>
<td>No messages on hand</td>
</tr>
</tbody>
</table>
## 2-2. NAVTEX Service in NAVAREA XI Area

<table>
<thead>
<tr>
<th>Coast Station</th>
<th>Location</th>
<th>B1 Character</th>
<th>Transmission Times (UTC)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>China</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sanya</td>
<td>18-17N 109-22E</td>
<td>M</td>
<td>0200 0600 1000 1400 1800 2200</td>
</tr>
<tr>
<td>Guangzhou</td>
<td>23-10N 113-31E</td>
<td>N</td>
<td>0210 0610 1010 1410 1810 2210</td>
</tr>
<tr>
<td>Fuzhou</td>
<td>26-00N 119-27E</td>
<td>O</td>
<td>0220 0620 1020 1420 1820 2220</td>
</tr>
<tr>
<td>Shanghai</td>
<td>31-07N 121-33E</td>
<td>Q</td>
<td>0240 0640 1040 1440 1840 2240</td>
</tr>
<tr>
<td>Dalian</td>
<td>38-51N 121-31E</td>
<td>R</td>
<td>0250 0650 1050 1450 1850 2250</td>
</tr>
<tr>
<td>Hong kong</td>
<td>22-13N 114-15E</td>
<td>L</td>
<td>0150 0550 0950 1350 1750 2150</td>
</tr>
<tr>
<td><strong>Indonesia</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jayapura</td>
<td>02-31S 140-43E</td>
<td>A</td>
<td>0000 0400 0800 1200 1600 2000</td>
</tr>
<tr>
<td>Ambon</td>
<td>03-42S 128-12E</td>
<td>B</td>
<td>0010 0410 0810 1210 1610 2010</td>
</tr>
<tr>
<td>Makassar</td>
<td>05-05S 119-30E</td>
<td>D</td>
<td>0030 0430 0830 1230 1630 2030</td>
</tr>
<tr>
<td>Jakarta</td>
<td>06-07S 106-52E</td>
<td>E</td>
<td>0040 0440 0840 1240 1640 2040</td>
</tr>
<tr>
<td><strong>Taiwan</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chi-lung</td>
<td>25-08N 121-45E</td>
<td>P</td>
<td>0630 1430 2230</td>
</tr>
<tr>
<td>Linyuan</td>
<td>22-29N 120-25E</td>
<td>P</td>
<td>0230 1030 1830</td>
</tr>
<tr>
<td><strong>Malaysia</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Penang</td>
<td>05-26N 100-24E</td>
<td>U</td>
<td>0320 0720 1120 1520 1920 2320</td>
</tr>
<tr>
<td>Miri</td>
<td>04-26N 114-02E</td>
<td>T</td>
<td>0310 0710 1110 1510 1910 2310</td>
</tr>
<tr>
<td>Sandakan</td>
<td>05-54N 118-00E</td>
<td>S</td>
<td>0300 0700 1100 1500 1900 2300</td>
</tr>
<tr>
<td><strong>Philippines</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manila (Temporarily suspended)</td>
<td>14-33N 121-04E</td>
<td>J</td>
<td>0130 0530 0930 1330 1730 2130</td>
</tr>
<tr>
<td>Davao (Planned)</td>
<td>07-07N 125-39E</td>
<td>R</td>
<td>0250 0650 1050 1450 1850 2250</td>
</tr>
<tr>
<td><strong>Singapore</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Singapore</td>
<td>01-21N 103-58E</td>
<td>C</td>
<td>0020 0420 0820 1220 1620 2020</td>
</tr>
<tr>
<td><strong>Japan</strong></td>
<td>refer page 6</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Korea</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jukbyeon</td>
<td>37-03N 129-26E</td>
<td>V</td>
<td>0330 0730 1130 1530 1930 2330</td>
</tr>
<tr>
<td>Byeonsan</td>
<td>35-36N 126-29E</td>
<td>W</td>
<td>0340 0740 1140 1540 1940 2340</td>
</tr>
<tr>
<td><strong>Thailand</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bangkok</td>
<td>13-01N 100-01E</td>
<td>F</td>
<td>0050 0450 0850 1250 1650 2050</td>
</tr>
<tr>
<td>Coast</td>
<td>Location</td>
<td>B1 Character</td>
<td>Transmission Times (UTC)</td>
</tr>
<tr>
<td>---------------</td>
<td>----------------</td>
<td>--------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>United States</td>
<td></td>
<td>V</td>
<td>0330 0730 1130 1530 1930 2330</td>
</tr>
<tr>
<td>Guam</td>
<td>13-29N 144-50E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vietnam</td>
<td></td>
<td>K</td>
<td>0140 0540 0940 1340 1740 2140</td>
</tr>
<tr>
<td>Da Nang</td>
<td>16-03N 108-09E</td>
<td>X</td>
<td>0350 0750 1150 1550 1950 2350</td>
</tr>
<tr>
<td>Ho Chi Minh</td>
<td>10-23N 107-09E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>North Korea</td>
<td></td>
<td>D</td>
<td>0030 0430 0830 1230 1630 2030</td>
</tr>
<tr>
<td>Pyongyang</td>
<td>39-00N 125-43E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hamhung</td>
<td>39-50N 127-41E</td>
<td>E</td>
<td>0040 0440 0840 1240 1640 2040</td>
</tr>
</tbody>
</table>

SOURCE:
Ⅲ -3 LOCAL Navigational Warnings  (See attached sheet 1)
Information for the safety of navigation in harbour and their approach areas are provided via radio telephone in Japanese and English as LOCAL Warnings of WWNWS.
LOCAL Warnings are provided by all Regional Coast Guard Headquarters.
Message is broadcasted immediately and re-transmission time.

Details of the communication stations and re-transmission time are as follows:

<table>
<thead>
<tr>
<th>Call Sign</th>
<th>Class of Emission &amp; Frequency</th>
<th>Re-transmitted Time (JST)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hokkaido Coast Guard Radio</td>
<td>102500 162500</td>
<td></td>
</tr>
<tr>
<td>Maizuru Coast Guard Radio</td>
<td>102000 162000</td>
<td></td>
</tr>
<tr>
<td>Niigata Coast Guard Radio</td>
<td>101500 161500</td>
<td></td>
</tr>
<tr>
<td>Shiogama Coast Guard Radio</td>
<td>103240 163240</td>
<td></td>
</tr>
<tr>
<td>Yokohama Coast Guard Radio</td>
<td>102000 162000</td>
<td></td>
</tr>
<tr>
<td>Nagoya Coast Guard Radio</td>
<td>101000 161000</td>
<td></td>
</tr>
<tr>
<td>Kobe Coast Guard Radio</td>
<td>103240 163240</td>
<td></td>
</tr>
<tr>
<td>Hiroshima Coast Guard Radio</td>
<td>101500 161500</td>
<td></td>
</tr>
<tr>
<td>Moji Coast Guard Radio</td>
<td>100240 160240</td>
<td></td>
</tr>
<tr>
<td>Kagoshima Coast Guard Radio</td>
<td>102000 162000</td>
<td></td>
</tr>
<tr>
<td>Okinawa Coast Guard Radio</td>
<td>101000 161000</td>
<td></td>
</tr>
</tbody>
</table>

Those are also available on Website.
Website URL  http://www1.kaiho.mlit.go.jp/TUHO/keiho/local_nw_en.html
IV. MISCELLANEOUS INFORMATION

1. Gunnery and Bombing Exercises and other operations around Japan.

Gunnery and Bombing exercises and other operations are conducted by Japan Coast Guard, Japan Ministry of Defense and U.S. Forces in Japan.

(1) The outline

(a) Japan Coast Guard
   Gunnery exercises and ordnance tests by patrol vessels and craft

(b) Japan Ministry of Defense
   (i) Ship to air, ship to surface gunnery exercises by ships
   (ii) Gunnery and bombing exercises by aircraft
   (iii) Gunnery exercises from land to seaward
   (iv) Gunnery, bombing exercises and maneuver operations jointed by ships and aircraft.

(c) U.S. Forces in Japan
   Air to air, ship to air, ship to surface gunnery and bombing exercises by ships and aircraft

(2) Precautions

Information on exercises and operations around Japan is provided by Navigational Warnings, Notices to Mariners and other Nautical Publications.

(a) Navigational Warnings

Subject to affecting seaborne traffic, information is broadcasted. However, the exercises conducted by U.S. Forces in Japan in areas mentioned below are being practiced everyday at the following time, therefore Navigational Warnings are not broadcasted. Those areas are referred in (c) below. (See attached sheet 5)

<table>
<thead>
<tr>
<th>Exercise Area</th>
<th>Exercise Time (JST)</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area Charlie</td>
<td>0800 to 1700</td>
<td>Informed when a exercise is performed other than this time schedule.</td>
</tr>
<tr>
<td>Area Foxtrot</td>
<td>0800 to 1700</td>
<td></td>
</tr>
<tr>
<td>Area Golf</td>
<td>0800 to 1700</td>
<td>Informed when a exercise is performed other than this time schedule.</td>
</tr>
</tbody>
</table>
| Area Lima     | 0600 to 1800        | • Except Saturdays and Sundays.  
                  |                     | • Informed when a exercise is performed on Saturday. |

(b) Notices to Mariners

Subject to the exercises to be conducted for period of about 20 days or more, information is given in the weekly Notices to Mariners.

(c) Other Nautical Publications

Areas and details of exercises by U.S. Forces in Japan are shown on the following Publications.

- Miscellaneous Chart No. 6973 Index Chart of Maneuver Areas of the Adjacent Seas of Nippon
- Pub. 301 Sailing Directions for South and East Coasts of Honshu
- Pub. 302 Sailing Directions for Northwest Coast of Honshu
- Pub. 305 Sailing Directions for Coast of Kyushu
- Annex to Notices to Mariners, List of Sea Training Areas used by U.S. Forces, Japan
Ⅳ-2. Fixed Fishing Nets.
Fixed fishing nets have been set on all over the coast of Japan.
(1) Approximate location of fixed fishing nets established under the Fishery Act is indicated in the charts No 6101 to No 6117 as "CHART SHOWING THE POSITION OF SET NET FISHERIES". Japan Coast Guard inform you in the Notices to Mariners when we have information that fixed fishing nets prevents the vessel traffic.
(2) About the fixed fishing nets which is not established under the Fishery Act, Japan Coast Guard can't determine the true position. So we don't indicate them in the chart, and inform you in the Notices to Mariners.

Ⅳ-3. Fish Havens & Floating Fish Havens.
It is supposed that numerous fish havens exist along the coasts around Japan. Whenever fish havens, which possibly prevent the vessels' traffic, are found in the waters nearby traffic route, JCG makes every effort to show them on nautical charts. It is also supposed that numerous floating fish havens exist in waters from S. of Honshu to Nansei Shoto.

Ⅳ-4. Submarine Cables.
Certain submarine cables are used for telecommunications functions while others are used for power transmission. Electrocution, with injury or loss of life, could occur if any cables carrying high voltage are broached.
The serious consequences resulting from damage to the cables, because submarine cables are considered to be critical infrastructure.
Vessels fouling a submarine cable should not attempt to clear or raise the cable due to the high possibility of damaging the cable. No attempt should be made to cut a cable.
Note that there is a risk of capsizing smaller vessels (primarily fishing vessels) if they attempt to bring a cable to the surface.
Report of the Important Matters on Navigation

Mariners are requested to report the important matters on navigation and/or any discrepancy between published information and actual conditions to the Hydrographic and Oceanographic Department or any of Regional Coast Guard Headquarters as follows. (See next page)

<table>
<thead>
<tr>
<th>Organization Name</th>
<th>Address, Phone Number, etc.</th>
</tr>
</thead>
</table>
| Hydrographic and Oceanographic Department | 3-1-1, Kasumigaseki, Chiyoda-Ku, Tokyo, 100-8932  
Phone: +81 (0) 3-3595-3645  
Fax: +81 (0) 3-3595-3571  
E-mail: jcg-tuho@navarea11.go.jp |
| 1st R. C. G. Hqs. | 5-2, Minato-Machi, Otaru, 047-8560  
Phone: +81(0)134-27-0118 |
| 2nd R. C. G. Hqs. | 3-4-1, Teizan-Dori, Shiogama, 985-8507  
Phone: +81(0)22-363-0111 |
| 3rd R. C. G. Hqs. | 5-57, Kitanaka-Dori, Naka-Ku, Yokohama, 231-8818  
Phone: +81(0)45-211-1118 |
| 4th R. C. G. Hqs. | 2-3-12, Irifune, Minato-Ku, Nagoya, 455-8528  
Phone: +81(0)52-661-1611 |
| 5th R. C. G. Hqs. | 1-1, Hatoba-Cho, Chuo-Ku, Kobe, 650-8551  
Phone: +81(0)78-391-6551 |
| 6th R. C. G. Hqs. | 3-10-17, Ujina-Kaigan, Minami-Ku, Hiroshima, 734-8560  
Phone: +81(0)82-251-5111 |
| 7th R. C. G. Hqs. | 1-3-10, Nishi-Kaigan, Moji-Ku, Kita-Kyushu, 801-8507  
Phone: +81(0)93-321-2931 |
| 8th R. C. G. Hqs. | 901, Shimo-Fukui, Maizuru, 624-8686  
Phone: +81(0)773-76-4100 |
| 9th R. C. G. Hqs. | 1-2-1, Misaki-Cho, Chuo-Ku, Niigata, 950-8543  
Phone: +81(0)25-285-0118 |
| 10th R. C. G. Hqs. | 4-1, Higashi-Korimoto-Cho, Kagoshima, 890-8510  
Phone: +81(0)99-250-9800 |
| 11th R. C. G. Hqs. | 2-11-1, Minato-Machi, Naha, 900-8547  
Phone: +81(0)98-867-0118 |
HYDROGRAPHIC NOTE

Mariners are requested to report the important matters on navigation and/or any discrepancy between published information and actual conditions to the Hydrographic and Oceanographic Department or any Regional Coast Guard Headquarters.
If you found a depth looked like to be dangerous for a navigation, please fill out into the items H and I.

Date

Ref. No

A. Name of ship or sender

B. Tel/Fax / e-mail address of sender(if appropriate)

C. Subject:

D. Position. Lat Long

E. Japan Coast Guard Charts affect Edition dated

F. Position fixing system used Datum set

Latest Weekly Edition of Notice to mariners held

G. Publications affected(Edition No date of latest supplement, page and Light List No. etc.)

H. Sounding Depth, Draft, Time and Date

I. Has tidal correction been carried out ? (Y/N) and Weather condition

Details:

Signature of observer/reporter
Ⅳ - □ Perusal Places for English Copies of Notices to Mariners
The English copies of Notices to Mariners can be perused at:
(a) Hydrographic and Oceanographic Department, Japan Coast Guard
(b) All Regional Coast Guard Headquarters
(c) The Coast Guard Offices at the well-known harbours

□ - □ The way of getting Notices to Mariners, except through Internet
Copies of Notices to Mariners are available at retailers of Japanese charts and publications, which are mentioned in Pub. No. 901 " Catalogue of Chart and Publications ".

□ - □ General Remarks upon Nautical Charts & Publications.
Japanese nautical charts and publications are published to ensure the safety or the efficiency of navigation. These charts and publications are derived from the data obtained by the surveys and the observations in Hydrographic and Oceanographic Department.
These charts and publications are also prepared using symbols and abbreviations in accordance with recommendations of Technical Resolution of the International Hydrographic Organization (IHO) in order to enable the charts and publications to be useful internationally. Mariners can find all list of these charts and publications in Pub. No. 901 " Catalogue of Charts and Publications ".
Updating of Japanese nautical charts and publications is made by following materials:
(a) Nautical Charts : Notices to Mariners
(b) Electronic Nautical Charts (ENC) : Digital Data Revising SENC
(c) Sailing Directions : Supplement issued every year
(d) List of Aids to Navigation, Vol. I : Addition to the list issued twice every month
(e) List of Aids to Navigation, Vol. II : Addition to the list issued every month
(f) Catalogue of Charts and Publications : Notices to Mariners

□ - □ Inquiry about Japanese Notices to Mariners and Navigational Warnings.
Notices to Mariners Office, Hydrographic and Oceanographic Department of Japan Coast Guard.
Phone: +81(0)3-3595-3645 (0930 JST to 1815 JST, from Monday to Friday.)
+81(0)3-3595-3647 (Saturdays, Sundays, National Holidays and time other than mentioned above.)
Fax: +81(0)3-3595-3571
E-mail: jcg-tuho@navarea11.go.jp
Japanese Ship Reporting System

The Japan Coast Guard operates the own ship reporting system called JASREP.

1. The outline of the system
   (a) Name
   Japanese Ship Reporting System (JASREP)
   (b) Purpose
   JASREP is to ensure efficiency of Search and Rescue operations in case of accidents happen ascertain ing the movement of the ships based on their position report.
   (c) Service area.
   The service area of this system is designated within the waters north of the parallel of latitude 17° N and west of the meridian of longitude 165° E.
   (d) Ships available to participate in this system.
   Any ships within the service area could send their ship reports according to the procedure of reporting described in Paragraph 2 below. We also accept the reports from any ships that can contact with us at all times, although they are out of service area.

2. Reporting Procedure
   Type of report, timing of report and main reporting items.

<table>
<thead>
<tr>
<th>Type of Report</th>
<th>Timing of Report</th>
<th>Main Reporting Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sailing Plan</td>
<td>At the time when ship depart from a port in the service area or when ship enter the service area.</td>
<td>Ship’s name, call sign other identification, date and time of enter the service area, last port of call, estimated course and speed.</td>
</tr>
<tr>
<td>Position Report</td>
<td>Within 24 hours after departure or the previous Position Report.</td>
<td>Ship’s name, call sign other identification, present position, date and time.</td>
</tr>
<tr>
<td>Deviation Report</td>
<td>At the time when ship changed its Sailing Plan.</td>
<td>Ship’s name, call sign other identification, deviated items from reported Sailing Plan.</td>
</tr>
<tr>
<td>Final Report</td>
<td>At the time when ship arrive at a port in the service area or when a ship leaves the service area.</td>
<td>Ship’s name, call sign other identification, date and time of arrival at a port or leaving the service area.</td>
</tr>
</tbody>
</table>

Note (1) When a ships wishes to participate in JASREP on her way, it is possible to join the system by sending her Sailing Plan at any time. On the contrary, when a ship desires to terminate her participation in system, it is also possible to terminate the participation simply by sending a Final Report.

(2) Any ships participating AMVER (ship reporting system operated by the United States Coast Guard) can participate JASREP automatically by filling " JASREP " in Y line of the AMVER report. Any ships participating JASREP also can participate AMVER automatically by filling " AMVER " in Y line of the JASREP report.

3. Inquiries on JASREP
Search and Rescue Division of Guard and Rescue Department of the Japan Coast Guard.
By Mail: 1-3, Kasumigaseki 2-chome, Chiyoda-ku, Tokyo 100-8989, Japan
By Phone: +81 (0) 3-3591-6361 (Ext) 5920 or 5323
By Telex: 72-222-5193
By E-mail: jasrep@cgcomm.jp
V. NAVAREA XI NAVIGATIONAL WARNING IN FORCE

issued by Headquarters of the Japan Coast Guard.
(As at 1200Z on 16 December 2018)

NAVAREA XI Navigational Warning messages concerning to the matters known to be ineffective prior to the date of this Annual Edition of N.M.

NAVAREA XI Navigational Warning messages in force are as follows;

2007--
0557 140615UTC ISSUED AT 010102UTC
VOLCANIC WARNING VOLCANO NAME:FUKUTOKU-OKANOBA LOCATION:24-17.1N, 141-28.9E ERUPTION IS EXPECTED WARNING AROUND THE VOLCANO.

2012--
0262 NORTH PACIFIC, NANPO SHOTO.
DISCOLOURED WATER OBSERVED IN VICINITY OF 24-49.3N 141-20.4E AT 290640Z APR. VESSELS REQUESTED TO BE CAUTION ADVISED.

2015--
0254 MALACCA STRAIT.
SUNKEN WRECK, SAND CARRIER, M.V TJ9, EXISTS IN 02-43.0N 101-16.6E.
0837 MALACCA STRAIT.
RADAR BEACON AT ONE FATHOM BANK NORTH LIGHT BEACON, 03-00.8N 100-51.8E, OFF AIR.
0932 SINGAPORE STRAIT.
RADAR BEACON AT HELEN MAR REEF LIGHT BEACON, 01-07.4N 103-46.5E, OFF AIR.
0944 MALACCA STRAIT.
SOUTH MARK AT ONE FATHOM BANK, 02-49.3N 100-56.2E, MISSING.

2016--
0024 SOUTH CHINA SEA, SOUTHERN PART.
PLATFORM REPORTED TO EXISTS IN 05-32.2N 114-22.2E.
0034 SOUTH CHINA SEA, SOUTHERN PART.
OIL RIG REPORTED TO EXISTS IN 07-32N 108-18E.

2017--
0123 TAIWAN STRAIT.
BUOY WITH LIGHT REPORTED TO EXISTS IN 24-00.5N 119-49.5E.
0172 SOUTH CHINA SEA, NORTHERN PART.
DANGEROUS WRECK EXISTS IN 19-51N 106-27E.

0219 SOUTH CHINA SEA, NORTHERN PART.
DRILLING WORKS BY DEEPSEA METRO NR 1. UNTIL FURTHER NOTICE. 11-58-34.5N 119-18-13.1E.

0263 NORTH PACIFIC, WEST CAROLINES.
VESSSEL REPORTED TO TOUCHED HER BOTTOM WITH DRAFT OF 9.5 METRES IN 06-41.3N 142-58.3E AT 180520Z APR.

0296 SOUTH CHINA SEA, SOUTHERN PART.
DANGEROUS WRECK EXISTS IN VICINITY OF 09-55N 107-23E. CANCEL 0290/17.

0707 EAST CHINA SEA.
CHI-LUNG TAO LIGHT, 25-11.6N 121-47.2E, L.L. VOL 2. P4672.2, EXTINGUISHED.

0739 SOUTH CHINA SEA, SOUTHERN PART.
DANGEROUS WRECK EXISTS IN 05-33.4N 107-20.1E.

0756 SOUTH CHINA SEA, NORTHERN PART.
OIL RIG JACKET REPORTED TO EXISTS IN 18-32.1N 107-35.6E.

0789 INDIAN OCEAN, EASTERN PART.
OBSERVATION BUOY ESTABLISHED 08-00.1S 095-02.5E. CANCEL 0697/16.

0795 INDIAN OCEAN, EASTERN PART.
OBSERVATION BUOY ESTABLISHED 05-00S 100-00E.

0848 SINGAPORE STRAIT.
RADAR BEACON AT
A. HORSBURGH LIGHT, 01-19.8N 104-24.3E.
B. RAFFLES LIGHT, 01-09.6N 103-44.5E. OFF AIR.

2018--

0042 GULF OF THAILAND.
KO KRA LIGHT, 08-23.9N 100-44.0E EXTINGUISHED.

0116 YELLOW SEA.
BUOY WITH LIGHT, 10.5 METRES INDIAMETER, 13 METRES IN HEIGHT ABOVE SURFACE, EXISTS IN 35-14.5N 123-29.2E.

0137 GULF OF THAILAND.
PLATFORM REPORTED TO EXISTS IN 07-25N 103-26E.

0162 SOUTH CHINA SEA, NORTHERN PART.
PLATFORM REPORTED TO EXISTS IN 17-48N 110-04E.

0238 SOUTH CHINA SEA, NORTHERN PART.
POSSIBLE PLATFORM REPORTED TO EXISTS IN 17-30.1N 111-09.9E.

0270 SOUTH CHINA SEA, NORTHERN PART.
POSSIBLE PLATFORM REPORTED TO EXISTS IN 17-48.4N 110-03.7E.

0312 SOUTH CHINA SEA, SOUTHERN PART.
POSSIBLE PLATFORM REPORTED TO EXISTS IN 07-36.1N 109-08.3E.
0331 SINGAPORE STRAIT.
BATU BERHANTI ISOLATED DANGER MARKS LIGHT BUOY, 01-11.8N 103-52.5E, EXTINGUISHED.
CANCEL 0250/18.

0340 NORTH PACIFIC, MARIANAS.
GUAM NAVTEX STATION, V, 13-28.6N 144-50.1E, OFF AIR.

0425 NORTH PACIFIC, EAST CAROLINES.
OBSERVATION BUOY SET. 00-01.0N 156-02.5E.
CANCEL 0729/16.

0429 NORTH PACIFIC, WEST CAROLINES.
OBSERVATION BUOY ESTABLISHED. 07-39.0N 136-42.0E.
CANCEL 0706/16.

0442 NORTH PACIFIC, WEST CAROLINES.
OBSERVATION BUOY ESTABLISHED. 13-06.9N 136-56.4E.
CANCEL 0707/16.

0454 SOUTH CHINA SEA, SOUTHERN PART.
OIL RIG REPORTED TO EXISTS IN
A. 07-40.0N 108-01.7E.
B. 07-47.5N 108-12.0E.
C. 07-55.0N 108-34.0E.

0471 NORTH PACIFIC, NANPO SHOTO.
ESTIMATED SUBMARINE VOLCANIC IN VICINITY OF 24-45.6N 141-18.7E ON 12 SEP. VESSELS REQUESTED TO BE CAUTION ADVISED.

0473 SOUTH CHINA SEA, SOUTHERN PART.
VESSEL REPORTED TOUCHED HER BOTTOM WITH DRAFT OF ABOUT 12 METRES IN
01-13.4OS 106-49.69E ON 30 AUG.

0506 SOUTH CHINA SEA, SOUTHERN PART.
SHOAL, DEPTH OF 16.4 METRES, REPORTED TO EXISTS IN 01-05.6N104-09.8E.

0511 TAIWAN STRAIT.
WRECK, REPORTED TO EXISTS IN VICINITY OF 22-46.0N 119-09.6E.

0538 YELLOW SEA.
HWANGGHAE LIGHT BUOY, 35-51-36N124-34-44E, MOVED TO 35-14-17N123-00-11E.

0547 SOUTH CHINA SEA, SOUTHERN PART.
TANJUNG GELANG LIGHT, 03-57.8N 103-26.3E, TEMPORARILY EXTINGUISHED.

0548 NORTH PACIFIC, GILBERTS.
BETIO HARBOUR LEADING LIGHT, 01-21.95N 172-56.00E, TEMPORARILY REMOVED.

0567 NORTH PACIFIC,
GILBERTS. BETIO CHANNEL LEADING LIGHT, 01-20.07N 172-58.50E, AND BIKEMAN ISLAND LEADING LIGHT,01-23.22N 172-59.37E, DESTROYED.

0625 NORTH PACIFIC, WESTERN PART.
OCEANOGRAPHIC RESEARCH BY AUTONOMOUS OCEAN VEHICLE, 7 METRE LONG, 5 METRE HEIGHT. UNTIL 04 FEB 2019. IN VICINITY OF LINE BETWEEN 13-20.0N 143-50.0E AND 33-18.1N 136-38.2E.
CANCEL THIS MSG 15 FEB 2019.
0626 NORTH PACIFIC, WESTERN PART.  

0630 NORTH PACIFIC, WESTERN PART.  

0644 THE INTERNATIONAL MARITIME ORGANIZATION (IMO), THE INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO), AND THE WORLD METEOROLOGICAL ORGANIZATION (WMO) INFORM THE MARITIME COMMUNITY OF THE PLANNED INMARSAT I-3 TO I-4 SATELLITE MIGRATION IN 2018, AS FOLLOWS:
A. ATLANTIC OCEAN REGION WEST (AORW) COMPLETED ON 09 MAY.
B. PACIFIC OCEAN REGION (POR) COMPLETED ON 29 AUG.
C. ATLANTIC OCEAN REGION EAST (AORE) COMPLETED ON 30 OCT.
Sheet 1 Flow Chart of Notices to Mariners & Navigational Warnings

Objects, Sample

Marine Works
- Casualty of Aids to Navigation
- Obstruction
- Earthquake & Tsunami
- Pirates

Regional Coast Guard Headquarters

Japan Coast Guard

Notices to Mariners
- NAVAREA XI Navigational Warnings
- NAVTEX Navigational Warnings
- Japan Navigational Warnings (*)
- R.C.G. Hqs. Notices to Mariners (*)
- Local Navigational Warnings

Publication
- Radio Broadcast
- INMARSAT Satellite
- Coastal Stations
- KYODO NEWS, Fisheries Radio Stations
- FAX
- Radio Broadcast
- Internet

(* ) Japanese version only
Sheet 2 Geographical Areas for Coordinating Promulgating NAVAREA Warnings
Sheet 3 Coverage of NAVTEX Service
Sheet 4 International NAVTEX Stations in NAVAREA XI Area

<table>
<thead>
<tr>
<th>Character</th>
<th>Station Name</th>
<th>Status</th>
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<tbody>
<tr>
<td>A</td>
<td>Jayapura</td>
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<tr>
<td>B</td>
<td>Ambon</td>
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<tr>
<td>C</td>
<td>Singapore</td>
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<tr>
<td>D</td>
<td>Makassar</td>
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<tr>
<td>E</td>
<td>Pyongyang</td>
<td></td>
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<td>F</td>
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<td>Dalian</td>
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<tr>
<td>F</td>
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</tr>
</tbody>
</table>
Sheet 5  United States Forces in Japan, Exercises Areas (Always dangerous)

<table>
<thead>
<tr>
<th>Area Golf</th>
<th>bounded by line joining four positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) 33-35-12N  128-24-52E</td>
<td></td>
</tr>
<tr>
<td>(b) 33-56-12N  128-65-52E</td>
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<tr>
<td>(c) 33-42-12N  129-09-52E</td>
<td></td>
</tr>
<tr>
<td>(d) 33-21-12N  128-38-52E</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Area Charlie</th>
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<tbody>
<tr>
<td>(a) 34-35-12N  140-16-48E</td>
<td></td>
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<tr>
<td>(b) 34-08-12N  141-01-48E</td>
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<tr>
<td>(c) 33-44-12N  140-22-48E</td>
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</tr>
<tr>
<td>(d) 34-31-12N  140-07-48E</td>
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</table>

<table>
<thead>
<tr>
<th>Area Lima</th>
<th>bounded by line joining eight positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) 32-01-43N  132-37-51E</td>
<td></td>
</tr>
<tr>
<td>(b) 32-09-13N  132-69-51E</td>
<td></td>
</tr>
<tr>
<td>(c) 31-48-13N  132-59-51E</td>
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</tr>
<tr>
<td>(d) 32-02-13N  133-29-51E</td>
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</tr>
<tr>
<td>(e) 31-42-13N  133-29-51E</td>
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</tr>
<tr>
<td>(f) 31-04-13N  132-07-51E</td>
<td></td>
</tr>
<tr>
<td>(g) 31-25-13N  132-07-51E</td>
<td></td>
</tr>
<tr>
<td>(h) 31-38-13N  132-37-51E</td>
<td></td>
</tr>
</tbody>
</table>

Area Foxtrot: bounded by parallels and meridians
(a) 31-47-12N
(b) 32-20-12N
(c) 128-45-52E
(d) 129-09-52E