

MSI Overlays in ECDIS

Submitted by IHB

SUMMARY

Executive Summary: This document provides information received from Japan regarding navigation overlays in ECDIS

Action to be taken: Paragraph 2

Related documents: None

1. The pages attached to this document provide information received from Japan regarding a meeting of NAVAREA XI States to consider Navigation Overlays in ECDIS.
2. The Sub-Committee is invited to consider the attached information and provide the Chairman with views on a reply if considered appropriate.

From: JAPAN COAST GUARD "NAVAREA XI CO-ORDINATOR" [mailto:tuho@jodc.go.jp]
Sent: Friday, July 23, 2010 6:17 AM
To: warning@msa.gov.cn; infohid@dishidros.go.id; csiskawuwung@yahoo.co.jp;
rnmnodc@tm.net.my; zaaim@hydro.gov.my; 'hydro survey'; riho@namria.gov.ph;
mpa@mpa.gov.sg; atar@mpa.gov.sg; hydrographic@mpa.gov.sg; NAVSAFETY; Boileau
Daniel O NGA-PVWA USA CIV; msc1@vnn.vn; vms_office@hn.vnn.vn
Cc: francois.lacroze@shom.fr; Doherty Peter M Mr NGA-PVW USA CIV;
in的角度@dataone.in
Subject: About NAVAREA 11 meeting held in Tokyo 18 to 22 Oct.

Dear Sir

We are considering holding a meeting of the member states of NAVAREA 11, the coordinators of adjacent NAVAREA 11, and the Vice-Chairman of the WNWWS Mr. Francois Lacroze in Tokyo Japan from 18 to 22 October 2010.

It is thought that we would like the coordinator of adjacent NAVAREA 11, countries concerned as the member states of NAVAREA 11, to show the presentation about the business situation regarding NAVAREA for about 15 minutes one country in this meeting.

Moreover, in this meeting, we will exchange opinions concerning the study toward installing navigation warnings overlays in an ECDIS.

Therefore, we send you an attached document about the proposal to concern overlays of navigational warnings in ECDIS.

If there are an opinion etc, about this matter after confirming the content, please send me after filling in it on the answer form.

We will inform the coordinators of adjacent NAVAREA 11 as referring.

Moreover please answer at any cost by 31 August.

Best regards

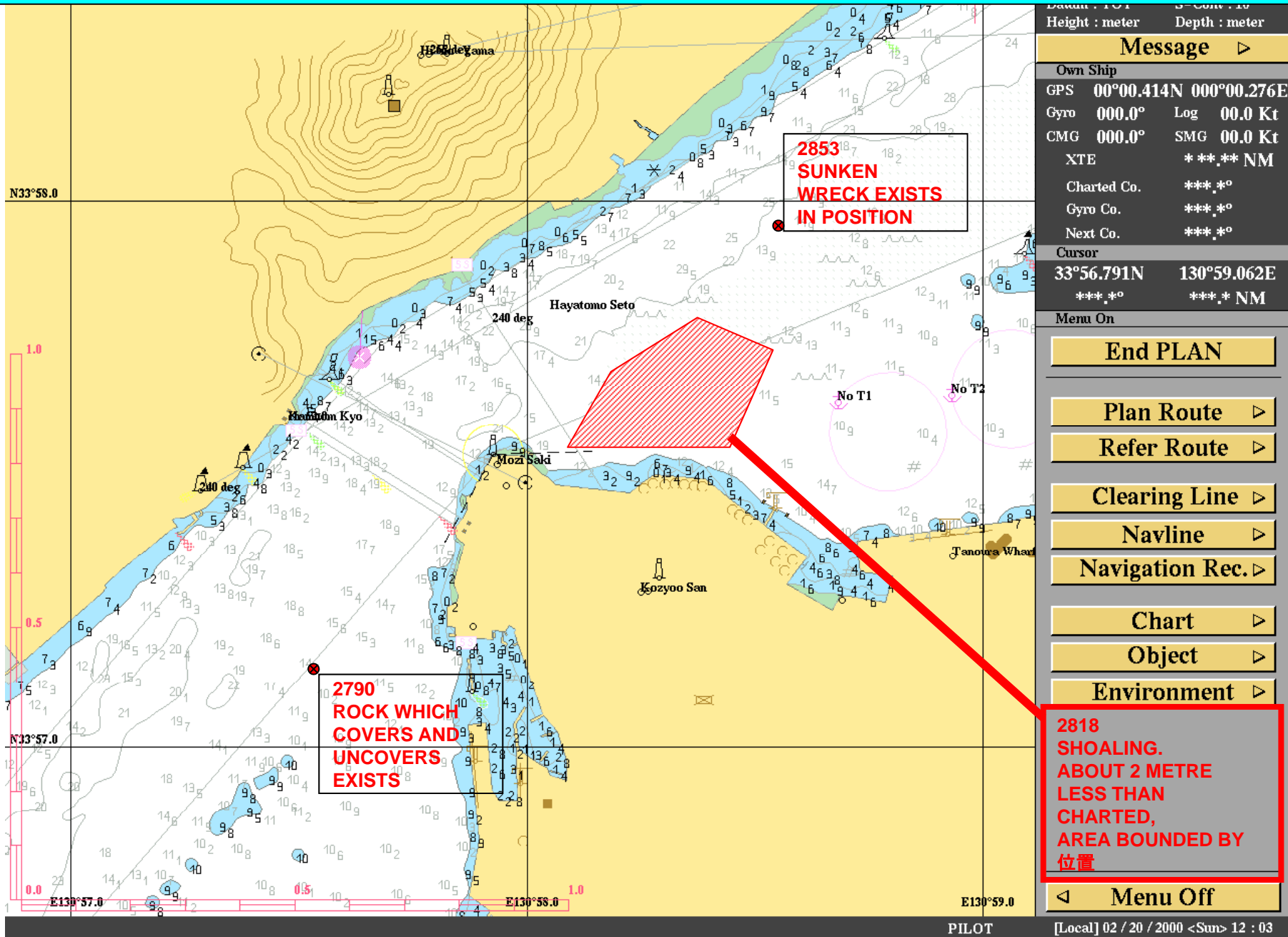
YasuoMatsuda

Director for Notice to Mariners Office Hydrographic and Oceanographic
Department Japan Coast Guard

THE IMAGE FOR OVERLAYS OF NAVIGATIONAL WARNINGS IN ECDIS

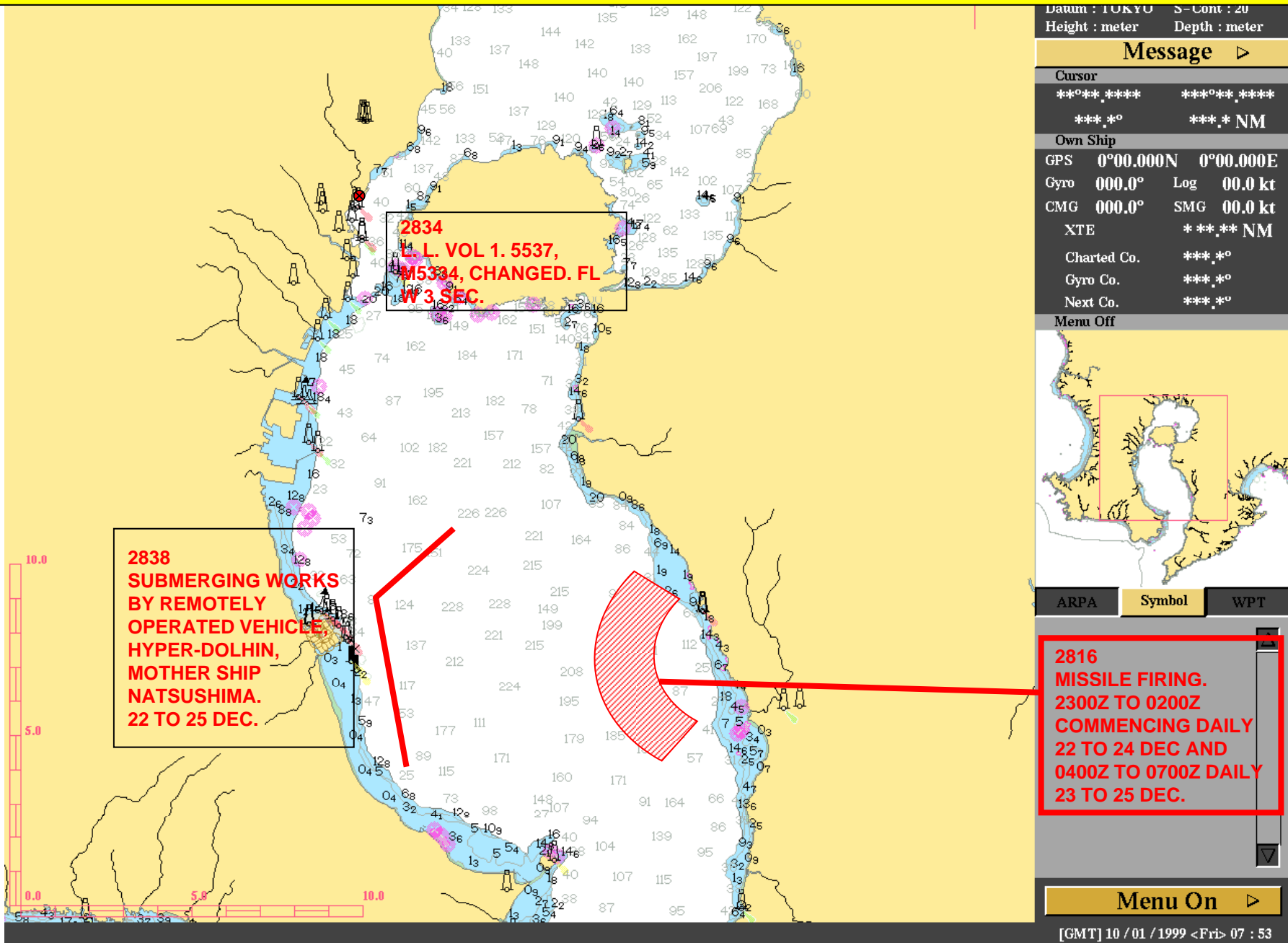
ROCK WHICH COVERS AND UNCOVERS EXIST, SUNKEN WRECK EXISTS, SHOALING

FIGURE

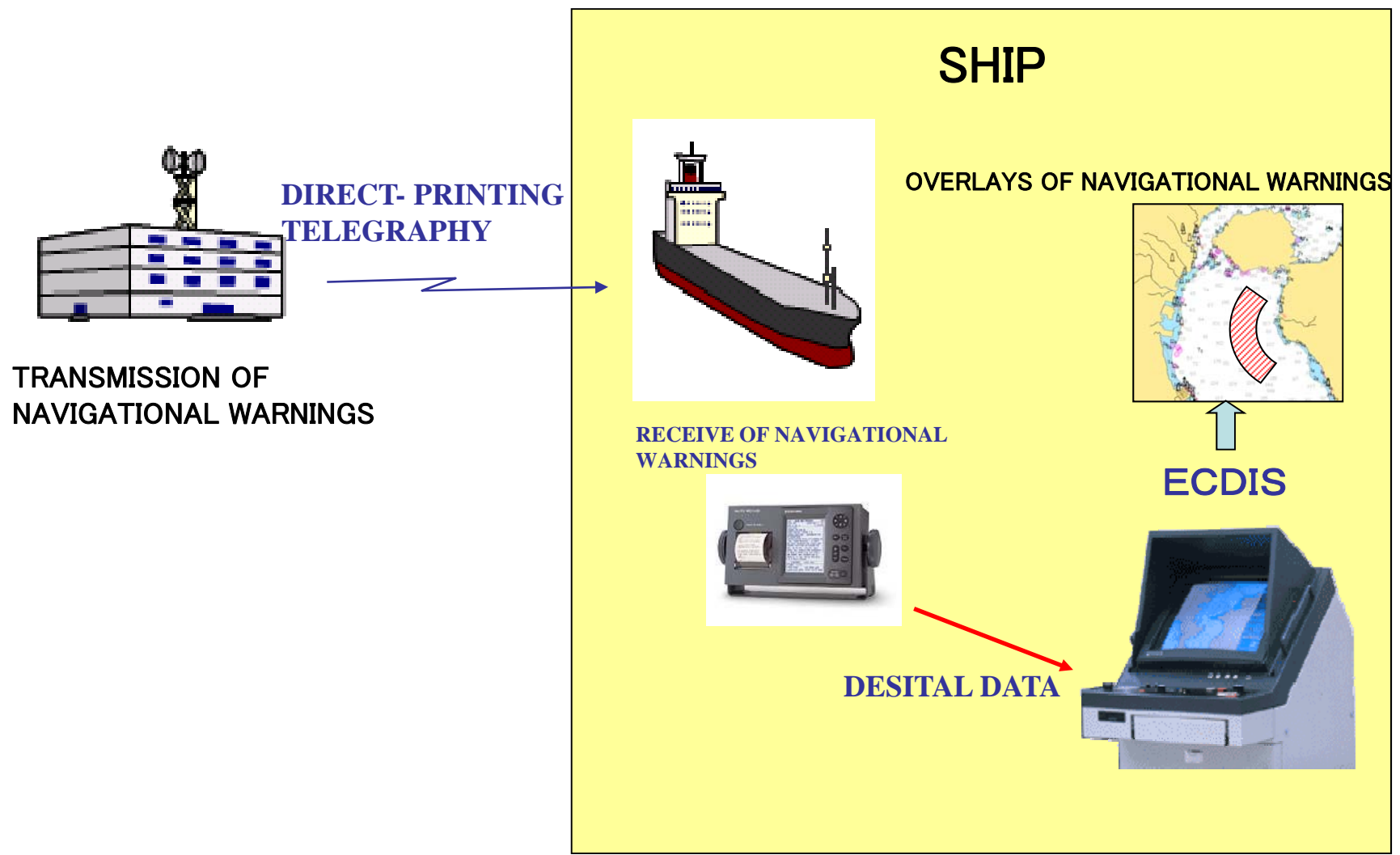


THE IMAGE FOR OVERLAYS OF NAVIGATIONAL WARNINGS IN ECDIS
 MISSILE FIRING, SUBMERGING WORKS, LIGHT CHARACTERISTIC CHANGED

FIGURE



THE STRATEGY FOR MAKE OVERLAY NAVIGATIONAL WARNINGS IN ECDIS FIGURE



About the proposal to concern installing navigational warning overlays in an ECDIS

1 Current state

In IMO, it has been decided that loading electronic chart display information system (ECDIS) that greatly contributes to safe navigation into a ship is duty-ized one by one from 2012.

Moreover, in IHO etc., the discussion of installing navigation safety information such as virtual AIS information and Nautical Publications etc. overlays in an ECDIS have been advanced.

On the other hand, although it is thought that installing navigational warnings overlays in the ECDIS contribute to a safe sailing greatly, the discussion of installing overlays navigational warnings overlays in the ECDIS is not begun at present, therefore it is necessary to begin a discussion internationally about this case.

*Making the area information and the contents of navigation warnings indicate in an ECDIS (refer to another figure)

2 Proposal matter etc.

We suggest installing navigational warnings overlays in an ECDIS to the international organization.

In this NAVAREA X I meeting, We would like to obtain support of everyone about the concerned matter.

We are convinced that overlays of navigational warnings in an ECDIS will contribute to utilizing it effectively and planning the duties reduction of the voyager, and a safe sailing surely.

3 Strategy for make overlays navigational warnings in the ECDIS

- (1) The NAVTEX and NAVAREA navigation warnings are received by each receiver.
- (2) The digital data received by each receiver is transmitted to ECDIS.
- (3) The navigation warning is displayed in an ECDIS, based on the transmitted digital data.

* Refer to the image to another figure.

4 Matter that will be examined internationally in the future

- (1) To install navigational warnings overlays in an ECDIS about district information etc., the format of the navigation warning is united to an ECDIS internationally.
- (2) A technical standard to install navigational warnings overlays in an ECDIS is united to the ECDIS internationally.

About the proposal to concern overlays of navigational warnings in ECDIS (reference of opinions)

As the title, I will propose the national organization, at first, based on various circumstances of the countries concerned as member states of NAVAREA 11, I will advance the examination in the future after obtaining support of each country.

Therefore, I would like you to examine it in each country about the following each items in advance. Please select "**Yes or No**" and check " "on "?" , if you have any opinion else, fill in "opinion column" send it me by mail or fax.
Moreover please answer at any cost by 31 August.

1 About that make overlay navigational warnings in ECDIS

Yes

No

【opinion column】

2 About overlays of navigational warnings in ECDIS about district information etc., the format of the navigation warning is united to an ECDIS internationally.

Yes

No

【opinion column】

3 About a technical standard to overlay navigational warning in ECDIS is united to the ECDIS internationally.

Yes

No

【opinion column】

4 About other opinions

【opinion column】

name of your country
Affiliated organization name
Person in charge name
E-mail
TEL/FAX