

MSI Self Assessment NAVAREA I

Submitted by United Kingdom

SUMMARY

Executive Summary: Overview of activities undertaken within NAVAREA I since
WWNWS 1

Action to be taken: Paragraph 12

Related documents: None

1. Background:

NAVAREA I comprises of the waters of the NE Atlantic, including the North Sea and the area around Iceland.

Current limits of NAVAREA I:

48° 47'N, 004° 46'W (France West Coast) to
48° 47'N, 035° 00'W to
66° 30'N, 035° 00'W (Greenland East Coast) then
71° 00'N, 021° 00'W (Greenland East Coast) to
71° 00'N, 024° 00'E (Norway North Coast)

It should be noted that these limits will change before WWNWS 3 with the introduction of the new NAVAREA XIX.

Navigational Warnings: 0530 and 1730 (AOR-E)

Meteorological Information: 0930 and 2130 (AOR-E)
(AOR-W) Warnings only

SafetyNET Satellite broadcast service provider: Stratos

NAVAREA I has a Sub-Area defined as the Baltic Sea and its approaches which is totally autonomous in its operation of promulgating Navigational Warnings via NAVTEX.

NAVAREA I NATIONAL COORDINATORS

COUNTRY	TELEPHONE	FACSIMILE	E-MAIL
Belgium	+32 59706565	+32 59701339	rmd@mil.be
Denmark	+45 32689591	+45 32572242	vagts@frv.dk
France	+33 2 98221667	+33 2 98221432	coord.navarea2@shom.fr
Germany	+49 40 66901900	+49 4927 1877288	seewarndienst.wsa-emd@t-online.de
Iceland	+354 5452120	+354 5452147	sjomis@lhg.is
Ireland	+353 16620922	+353 16620795	mrccdublin@irishcoastguard.ie
Netherlands	+31 2 23542300	+31 2 23658358	ccc@kustwacht.nl
Norway	+47 22422331	+47 22410491	navoc@kystverket.no

2. Comments:

The GMDSS Master Plan is currently up-to-date for all MSI entries in ANNEXES 7 and 8 concerning NAVAREA I. The most recent updates were provided for GMDSS.1/Circ.12 at COMSAR 14 March 2010.

SafetyNET

Within NAVAREA I the WWNWS is a mature and effective system that in most respects requires little more than fine tuning. The Baltic Sea is run as a Sub-Area with Sweden (BALTICO) as the Co-ordinator. NAVAREA I Warnings are broadcast on SafetyNET through the AOR(E) satellite as well as NAVTEX when appropriate. Coastal Warnings for all National Co-ordinators in the NAVAREA are promulgated on NAVTEX. The following table shows the number of SafetyNET navigational warning messages (including weekly bulletins) that were promulgated:

	2007	2008	2009
NAVAREA I	344	402	359

EGC SafetyNET messages for the entire AOR-E footprint are constantly monitored via a MES in the NAVAREA I operations room.

NAVTEX

The diagram at ANNEX A shows NAVTEX Service Areas for the International NAVTEX Service with NAVAREA I.

- i. Responsibility for the areas shaded in yellow will be formally passed to NAVAREA XIX in the first quarter of 2011.
- ii. Plans to reallocate B₁ characters [C] and [F], which were originally allocated outside of NAVAREA I, within the new NAVAREA XX, are currently under discussion with the Russian Federation.
- iii. A proposal from Norway to split their current NAVTEX Service Area [L] into two areas and establish an extra station is currently being processed by the IMO NAVTEX Co-ordinating Panel.

Additionally the following stations have been allocated B₁ characters within NAVAREA I to operate national NAVTEX services on 490 kHz:

A	Malin Head, Ireland	K	Grindavik, Iceland
C	Portpatrick, UK	L	Pinneberg, Germany
E	Saudanes, Iceland	T	Niton, UK (for France)
I	Niton, UK	U	Cullercoats, UK

3. Operational Issues:

- a. January 2010 – a complete review of the availability and operational status of Inmarsat C Special Access Codes supported by Stratos was jointly undertaken between NAVAREA I and NAVAREA X. ANNEX B of this report contains a comprehensive table of all the services which are now fully freely available to vessels using Stratos as their Service Provider.
- b. March 2010 - following a significant systems up-grade to the “virtual” Goonhilly LES at Burum, NAVAREA I made the transition from a Telex emulator interface to a dual PSTN and e-mail link direct with the Stratos Database. The new system provides added speed and stability to our up-loading procedures, although the automatic facility to cancel messages at a predetermined time (previously supported by the old Telex system) has still to be implemented, resulting in a manual cancellation process being currently employed.

5. Quality Management Survey:

NAVAREA	ISO 9001 - 2000	Promulgate “In-Force” Bulletins	Promulgate “No-Warning” Messages	Monitor Broadcast in almost real time	24/7 contact information provided	Promulgate two scheduled broadcasts	IMO Master Plan updated
I	Yes	Yes	Yes	Yes	Yes	Yes	Yes

6. Contingency Planning:

Established procedures to operate in an emergency from another building on site with total dual functionality, along with a remote location 30 miles away have continued to be successfully tested and operated throughout the year.

7. Capacity Building:

- a. Two operators from Norway were hosted at the UKHO for a week in January, during which time they shadowed the NAVAREA I Co-ordinator’s Watchkeepers in the Operations Room for 8 hours each day. They also received formal overview presentations on the workings and procedures of the WNWNS, ahead of their IOC status which began in July.
- b. Since WWNWS1, NAVAREA I provided the lead instructor for the latest three IHO sponsored MSI Training courses for the benefit of the Eastern Atlantic Hydrographic Commission (EAtHC) (Ghana, September 2009); the joint venture for the Northern Indian Ocean Hydrographic Commission (NIOHC) and ROPME Sea Area Hydrographic Commission (RSAHC) (Oman, October 2009); and the second course for the Southern Africa and Islands Hydrographic Commission (SAIHC) (Namibia, April 2010). This considerable commitment is due to be followed by the participation in the next course planned for the Member States of the South-West Pacific Hydrographic Commission (SWPHC), in the week immediately following this meeting.

8. Other Activities:

NAVAREA I has continued to provide the Secretary for the IHO MSI Document Review Working Group.

9. NAVAREA Website:

Following the initial construction of a website (<http://www.ukho.gov.uk/rnw>) displaying NAVAREA I messages in May 2009, this site has recently been significantly up-graded. It now includes a link to a non-JavaScript (low graphics) version, which allows its full visibility to more users. This site continues to be up-dated in real time immediately following the transmission of warnings via established GMDSS methods of SafetyNET and NAVTEX. More than 41,000 hits were recorded in the 12 months since WWNWS1.

10. NAVAREA Contact Information:

(No Change)

United Kingdom National Hydrographer
United Kingdom Hydrographic Office
Admiralty Way
TAUNTON
Somerset TA1 2DN
England
Tel.: +44 1823 353 448
Fax: +44 1823 322 352
E-mail: navwarnings@btconnect.com
Website: <http://www.ukho.gov.uk/rnw>

11. Recommendations:

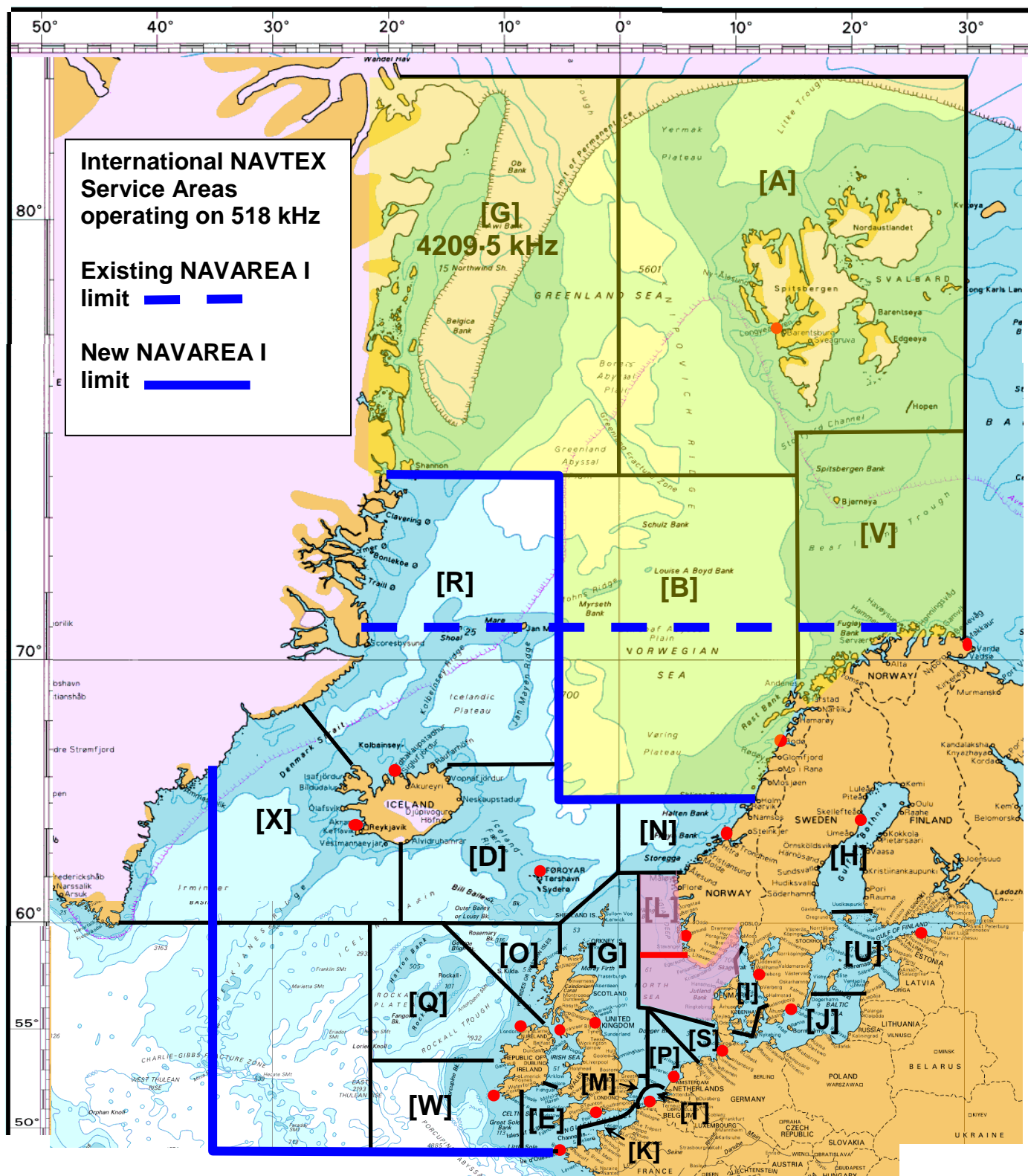
None

12. Actions requested:

The Sub-Committee is invited to note the report.

12. Synopsis:

The NAVAREA I Co-ordinator introduced the Self-Assessment Report. The key operational issues addressed during the last year were the introduction of a dual PSTN and e-mail link direct with the Stratos Database for transmission and management of NAVAREA I messages, and preparation for the introduction of the new NAVAREA XIX.



A Svalbard, Norway	G Cullercoates, UK	M Oostende, Belgium (for UK)	S Pinneberg, Germany
B Bodo, Norway	H Bjuroklubb, Sweden	N Orlandet, Norway	T Oostende, Belgium
C Murmansk, Russia	I Grimeton, Sweden	O Portpatrick, UK	U Tallinn, Estonia
D Torshaven, Faeroes	J Gislovshammer, Sweden	P Ijmuiden, Netherlands CG	V Vardo, Norway
E Niton, UK	K Niton, UK (for France)	Q Malin Head, Ireland	W Valentia, Ireland
F Arkhangel'sk, Russia	L Rogaland, Norway	R Saudanes, Iceland	X Grindavik, Iceland

STRATOS NETWORK: INMARSAT –C SPECIAL ADDRESS CODES

SAC	AOR-E		AOR-W		IOR		POR	
	LES 102 Ex UK*	LES 112 Netherlands*	LES 002 Ex UK*	LES 012 Netherlands*	LES 302 Ex UK*	LES 312 Netherlands*	LES 202 New Zealand*	LES 212 Netherlands*
32	Telex 5145126 UKCG	32@rmd.knrm.nl Dutch CG	Telex 5145126 UKCG	32@rmd.knrm.nl Dutch CG	32@rmd.knrm.nl Dutch CG	32@rmd.knrm.nl Dutch CG	rccnz@maritimenz.govt.nz maritime@kordia.nz Fax +64 4 5778038 RCC NZ	32@rmd.knrm.nl Dutch CG
38	Telex 5145126 UKCG	38@rmd.knrm.nl Dutch CG	Telex 5145126 UKCG	38@rmd.knrm.nl Dutch CG	38@rmd.knrm.nl Dutch CG	38@rmd.knrm.nl Dutch CG	rccnz@maritimenz.govt.nz maritime@kordia.nz Fax +64 4 5778038 RCC NZ	38@rmd.knrm.nl Dutch CG
39	Telex 5145126 UKCG	Telex 5145126 UKCG	Telex 5145126 UKCG	Telex 5145126 UKCG	Telex 095511600 marimeradio@ixmail.co.za Cape Town Radio ZSC	203.19.106.101: 24205 RCC Aus	rccnz@maritimenz.govt.nz maritime@kordia.nz Fax +64 4 5778038 RCC NZ	203.19.106.101: 24205 RCC Aus
41	Telex 5194040190 UK MET	obsvos@knmi.nl Dutch Met	Telex 5194040190 UK MET	obsvos@knmi.nl Dutch Met	Telex 5194040190 UK MET	obsvos@knmi.nl Dutch Met	Telex 5194040190 UK MET	obsvos@knmi.nl Dutch Met
42	navwarnings@btconnect.com NAVI	navwarnings@btconnect.com NAVI	navwarnings@btconnect.com NAVI	navwarnings@btconnect.com NAVI	Telex 095511600 marimeradio@ixmail.co.za Cape Town Radio ZSC	203.19.106.101: 24204 RCC Aus/NAV X	rccnz@maritimenz.govt.nz maritime@kordia.nz Fax +64 4 5778038 RCC NZ	203.19.106.101: 24204 RCC Aus/NAV X
43	Telex 230127594 AMVER	amvermsg@amver.org AMVER	Telex 230127594 AMVER	amvermsg@amver.org AMVER	Telex 230127594 AMVER	amvermsg@amver.org AMVER	Telex 230127594 AMVER	amvermsg@amver.org AMVER
SAC	AOR-E		AOR-W		IOR		POR	
	LES 102 Ex UK*	LES 112 Netherlands*	LES 002 Ex UK*	LES 012 Netherlands*	LES 302 Ex UK*	LES 312 Netherlands*	LES 202 New Zealand*	LES 212 Netherlands*
861	Not Used	Not Used	Not Used	Not Used	Not Used	reefvts@rcs1.amsa.gov.au Aus REEFVTS	Not Used	reefvts@rcs1.amsa.gov.au Aus REEFVTS
1241	Not Used	Not Used	Not Used	Not Used	Not Used	PSDN Mailbox 50503001 Aus BUMET	Not Used	PSDN Mailbox 50503001 Aus BUMET
1243	Not Used	Not Used	Not Used	Not Used	Not Used	203.19.106.101: 24203 RCC Aus	Not Used	203.19.106.101: 24203 RCC Aus
1250	Not Used	Not Used	Not Used	Not Used	Not Used	203.19.106.101: 24206 RCC Aus	Not Used	203.19.106.101: 24206 RCC Aus

Notes:

1. Meaning of SAC Codes:

SAC 32 – Medical Advice	SAC 861 – Australian REEFVTS
SAC 38 – Medical Assistance	SAC 1241 – Australian Bureau of Meteorology (BUMET)
SAC 39 – Maritime Assistance	SAC 1243 – Ship Position Reports
SAC 41 – Meteorological Reports	SAC 1250 – Australian General Communications
SAC 42 – Navigational Hazards and Warnings	
SAC 43 – Ship Position Reports	

2. RCC NZ can be contacted on +64 4 5778033 if SAC Code messages cannot be delivered.