



Mereilmateate saamise võimalusi

Väikelaevajuhtide kursus
Pärnu Jahtklubi



Maritime Safety Information

- Maritime Weather Services
- Maritime Safety Information broadcasts
- Over 160 colour diagrams
- Worldwide listing of NAVTEX Stations
- Submarine and Gunnery Warning details
- Worldwide listing of Radio-Facsimile Stations, frequencies and index of map areas

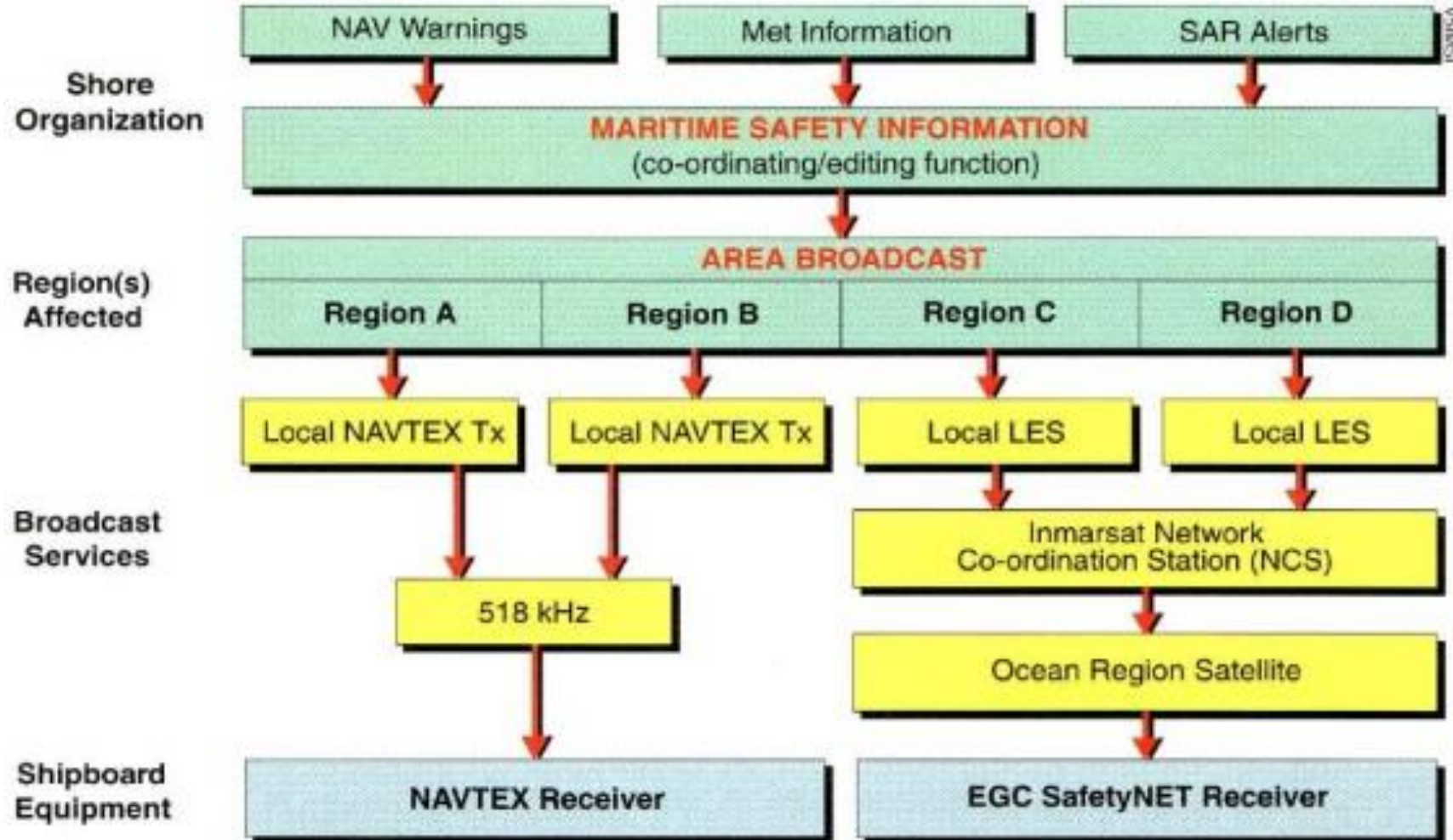


Part 1: NP283(1) - Europe, Africa and Asia (excluding the Far East)

Part 2: NP283(2) - Oceania, the Americas and the Far East



Maritime Safety Information



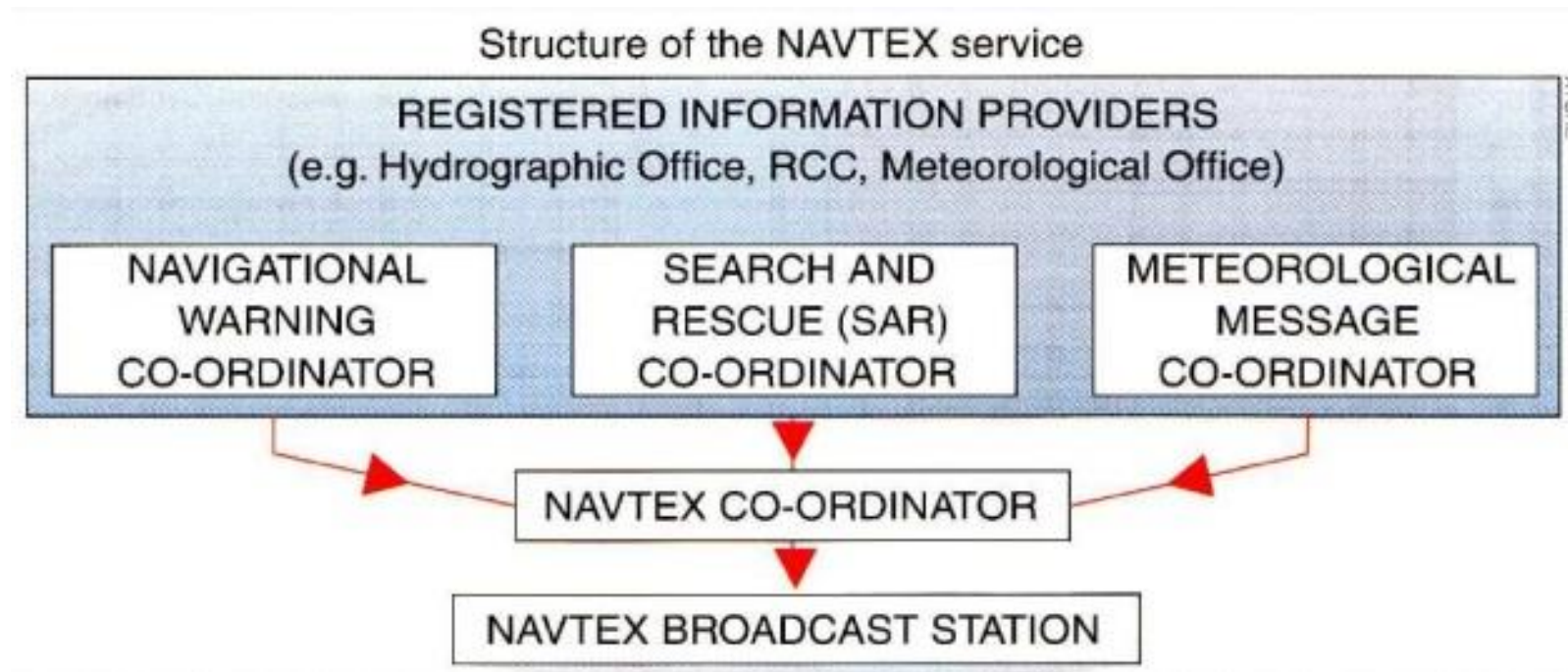


NAVTEX

NAVTEX töötab rahvusvahelisel sagedusel **518 kHz** ja riiklikul sagedusel **490 kHz**

NAVTEX on mõeldud navigatsiooni ja meteoroloogia hoiatuste ning kiireloomuliste teadete edastamiseks laevadele

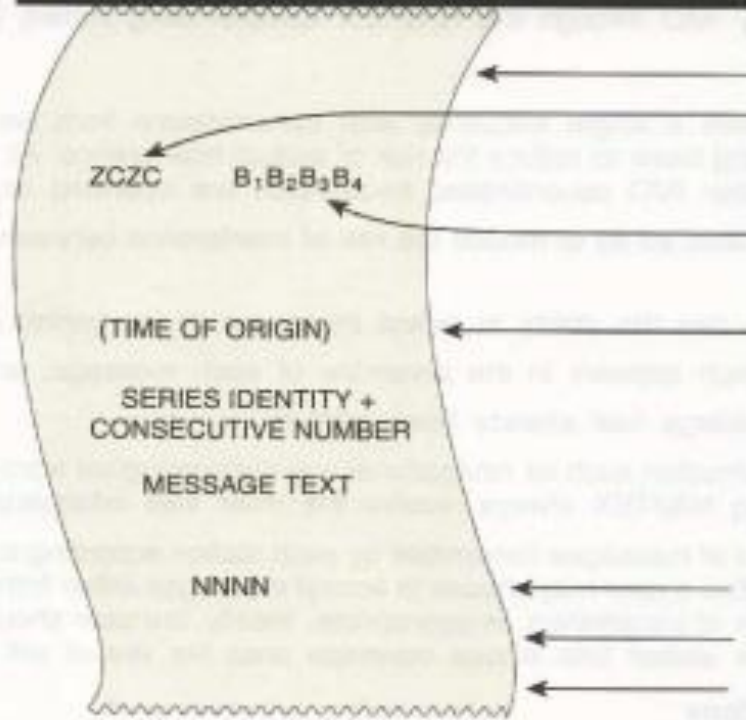
Informatsiooni edastavate kaldajaamade tegevusraadius on kuni **400Nm**



NAVTEX



- B1** – kaldajaama kood
- B2** – sõnumi tähtkood
- B3, B4** – sõnumi number vahemikus 01-99

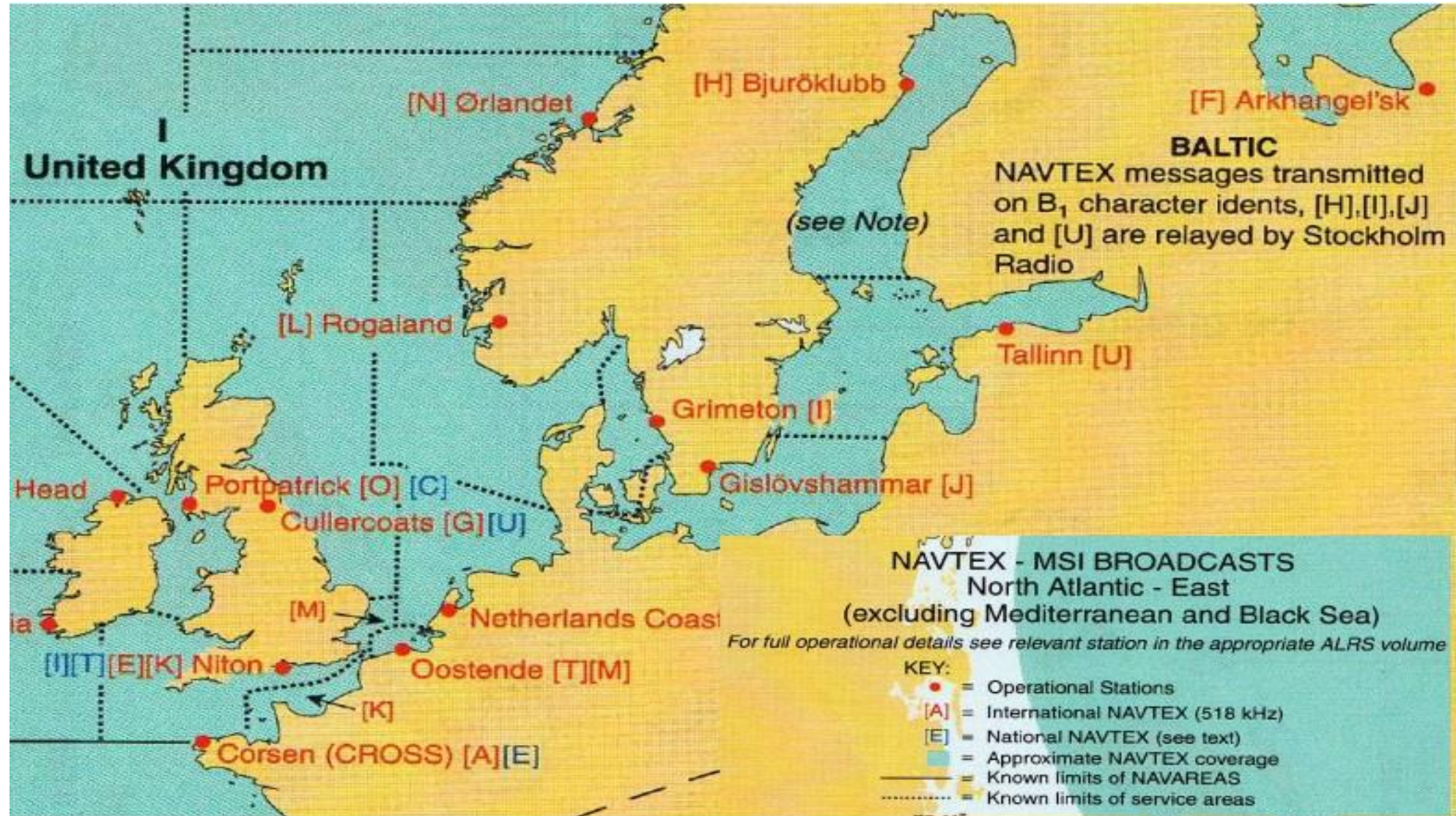




NAVTEX

- A** = Navigational Warnings (cannot be rejected by the receiver)
- B** = Meteorological Warnings (cannot be rejected by the receiver)
- C** = Ice Reports
- D** = Search and Rescue information and pirate attack warnings (cannot be rejected by the receiver)
- E** = Meteorological Forecasts
- F** = Pilot Service Messages
- G** = AIS
- H** = LORAN Messages
- I** = Spare
- J** = SATNAV Messages
- K** = Other Electronic Navald Messages (messages concerning raadio navigation services)
- L** = Navigational Warnings- additional to letter A (should not be rejected at the receiver (continuation of B₂ subject group "A"))
- V** = Special services - allocation by the NAVTEX Panel
- W** = Special services - allocation by the NAVTEX Panel
- X** = Special services - allocation by the NAVTEX Panel
- Y** = Special services - allocation by the NAVTEX Panel
- Z** = No messages on hand

NAVTEX





NAVTEX

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS ESTONIA

NAVTEX			
U	Tallinn	518 kHz	59°30'N 24°30'E
NOTE: Broadcasts relayed by Sweden.			
DIAGRAMS: pages 34 and 202			
Weather Bulletins			
U: 0320 0720 1120 1520 1920 2320	Gale warnings, in English, for Areas 4-8.		
U: 0720 1920	Forecast for Baltic Sea, in English.		
Navigational Warnings			
U: 0320 0720 1120 1520 1920 2320	Navigational warnings, for Areas 4-8, in English.		
U: 1120	Baltic sea ice reports, in English.		
U: 1520	Swedish ice information, in English.		



NAVTEX

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

ESTONIA

TALLINN		59°28'N 24°21'E	
A	1650	RT (MF)	
B	3310		
C	Ch 69	VHF	Aabla 59°35'N 25°31'E
			Dirhami 59°12'N 23°30'E
			Eisma 59°34'N 26°17'E
			Kõpu 58°55'N 22°12'E
			Merevälja 59°30'N 24°51'E
			Orissaare 58°34'N 23°04'E
			Ruhnu 57°48'N 23°15'E
			Suurupi 59°28'N 24°23'E
			Toila 59°25'N 27°32'E
			Torgu 57°59'N 22°05'E
Tõstamaa 58°18'N 24°00'E			
Undava 58°31'N 21°56'E			
DIAGRAMS: pages 83, 202 and 203			
Weather Bulletins			
B, C: On receipt 0233 0633 1033 1433 1833 2233	Storm warnings, for Baltic Sea and Gulf of Finland in English, Estonian and Russian.		
A, C: 0433 1333	Gale warnings, synopsis, 12 and 24 hour weather and sea state forecast for Baltic Sea and Gulf of Finland in English, Estonian and Russian.		
Navigational Warnings			
B, C: On receipt 0233 0633 1033 1433 1833 2233	Navigational warnings, in English, Estonian and Russian.		
NOTE: After prior announcement on 2182 kHz and Ch 16.			



NAVTEX

BACK - Backing
BECMG - Becoming
BLDN - Building
C-FRONT - ColdFront
DECR - Deacresing
DPN - Deepening
EXP - Expected
FCST - Forecast
FLN - Filling
FLW - Following
FM - From
FRQ - Frequent
HPA - Hectopascal
HVY - Heavy
IMPR - Improving/Improve
INCR - Increasing

INTSF - Intensifying/Intensify
ISOL - Isolated
KMH - km/h
KT - Knots
LAT/LONG - Latitude/Longitude
LOC - Locally
M - Meters
MET - Meteo...
MOD - Moderate
MOV - Moving/Move
NC - No change
NM - Nautical miles
NOSIG - No significant change
NXT - Next
OCNL - Occasionally
O-FRONT - Occlusion Front



NAVTEX

POSS -	Possible	STNR -	Stationary
PROB -	Probability/Probable	STRG -	Strong
QCKY -	Quickly	TEMPO -	Temporarily/Temporary
QSTNR -	Quasi-Stationary	TEND -	Further outlooks
QUAD -	Quadrant	VEER -	Veering
RPDY -	Rapidly	VIS -	Visibility
SCT -	Scattered	VRB -	Variable
SEV -	Severe	W-FRONT -	Warm Front
SHWRS -	Showers	WKN -	Weakening
SIG -	Significant		
SLGT -	Slight		
SLWY -	Slowly		

NAVTEX



ZCZC IE91

ISSUED BY THE MET OFFICE AT 1700 UTC ON THURSDAY 08 AUGUST 2002.

INSHORE WATERS FORECAST TO 12 MILES OFFSHORE FROM 1700 UTC TO 1700 UTC.

NORTH FORELAND TO SELSEY BILL.

24 HOUR FORECAST:

SOUTHWEST BACKING SOUTH FOR A TIME, 4 OR 5, LATER DECREASING SOUTH TO SOUTHWEST 2 OR 3.

RAIN OR SHOWERS. MODERATE OR GOOD.

SEA STATE: SLIGHT, BECOMING SLIGHT TO MODERATE.

OUTLOOK FOR THE FOLLOWING 24 HOURS:

VARIABLE 3, BUT INCREASING NORTHWEST 4 OR 5 IN THE WEST OF THE AREA, LATER BECOMING NORTH TO NORTHEAST 3 OR 4.

SHOWERS. GOOD, BUT MODERATE IN SHOWERS.

SEA STATE: MAINLY SLIGHT.

SELSEY BILL TO LYME REGIS.

24 HOUR FORECAST:

SOUTH TO SOUTHWEST 4 OR 5, BECOMING VARIABLE 2 OR 3, LATER INCREASING NORTHWEST 4 OR 5 WEST OF THE ISLE OF WIGHT.

RAIN THEN SHOWERS. MODERATE OR GOOD.

SEA STATE: SLIGHT INCREASING MODERATE.

OUTLOOK FOR THE FOLLOWING 24 HOURS:

NORTHWEST 5, PERHAPS 6, LATER DECREASING 4.

SHOWERS. GOOD, BUT MODERATE IN SHOWERS.

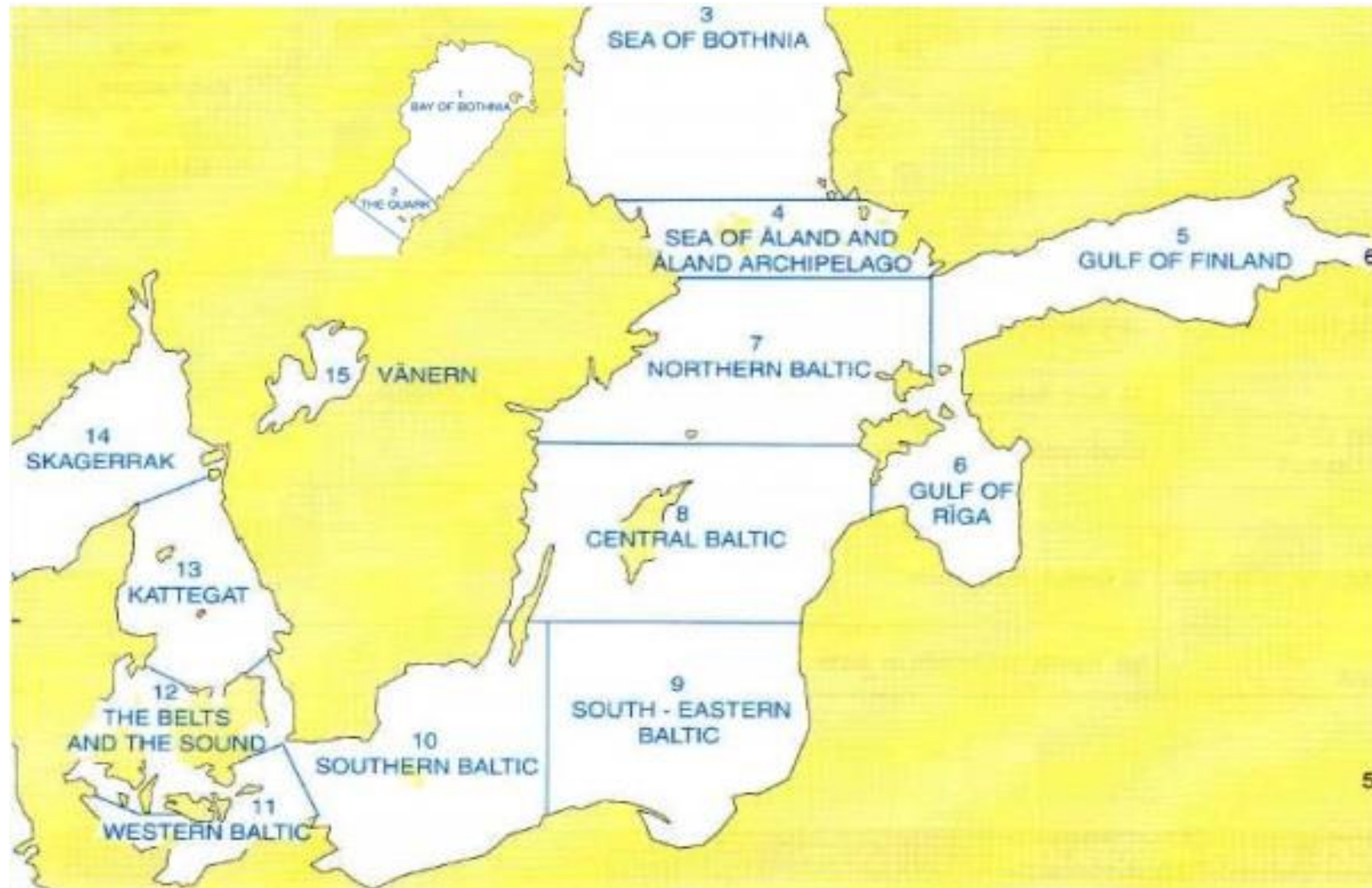
SEA STATE: SLIGHT OR MODERATE.

OUTLOOK FOR ALL UK INSHORE WATERS FOR FOLLOWING 3 DAYS:

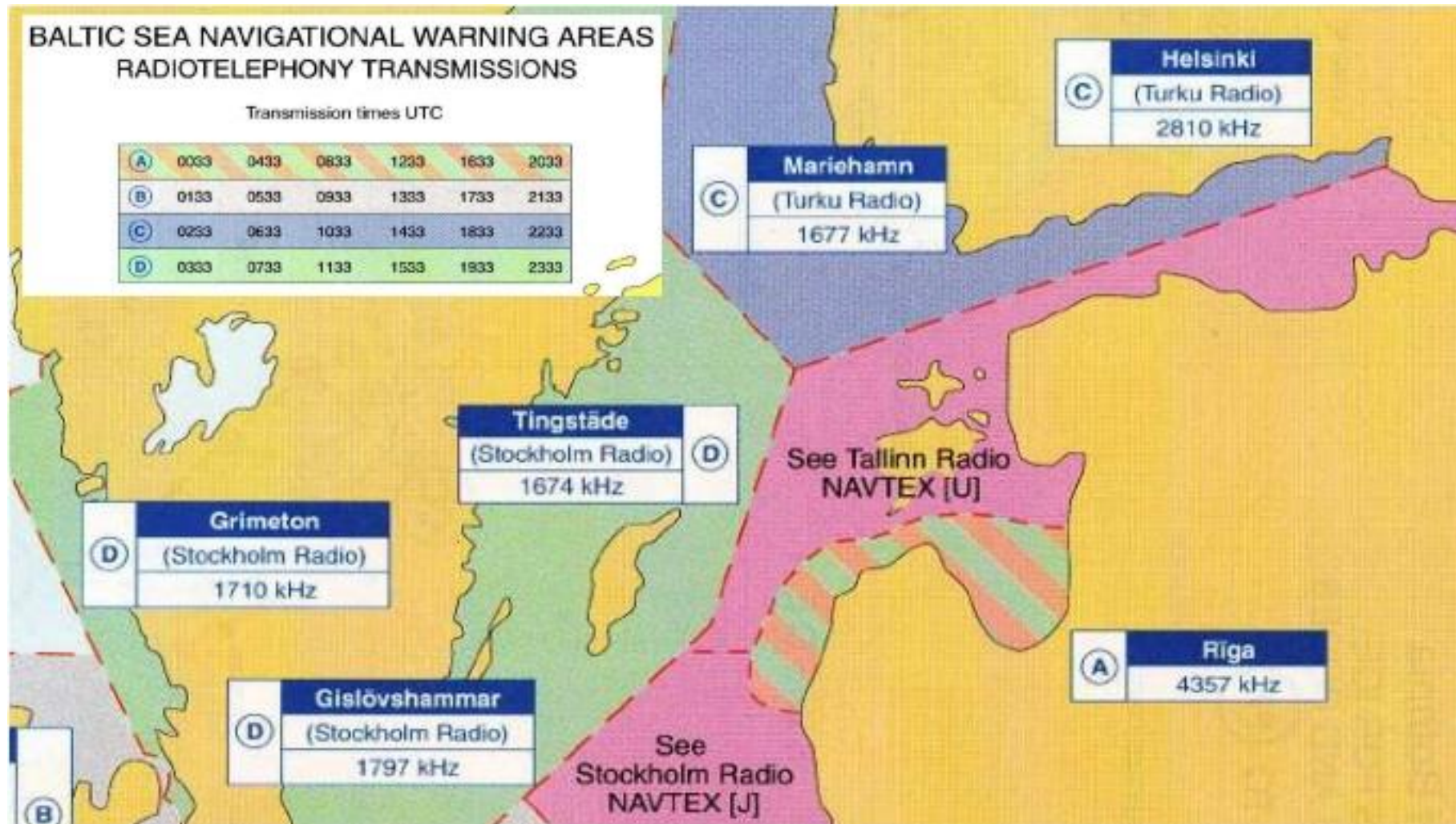
STRONG SOUTH TO SOUTHWEST WINDS WILL SPREAD TO WESTERN SCOTLAND ON SUNDAY, THEN TRANSFER TO NORTH AND NORTHWEST SCOTLAND, BEFORE EASING EARLY ON SUNDAY. WINDS ELSEWHERE WILL BE LIGHT OR MODERATE. ON SUNDAY, FRESH LOCALLY STRONG SOUTHWEST WINDS WILL SPREAD UP THE WEST OF ENGLAND AND WALES, AND SOUTHERN SCOTLAND FOR A TIME, BEFORE DECREASING LATER.

STRONG SOUTHERLY WINDS WILL RETURN TO WESTERN PARTS OF THE UK AGAIN ON MONDAY.

Läänemere ilmaennustuse regioonid



Läänemere ilmaennustuse regioonid





Raadio faksiimile kaardid

RADIO - FACSIMILE

RADIO WETHER SERVICES AND NAVIGATIONAL WARNINGS

OFFENBACH (MAIN) / PINNEBERG			
	3855		
	7880		
	13882-5		
DIAGRAMS: pages 40, 51 and 52			
Map Areas			
BQ1	(c) 58°N.08°E 58°N.16°E 53°N.08°E 53°N.16°E	BQ2	(a) 66°N.12°E 66°N.30°E 57°N.12°E 57°N.30°E
		BQ3	(a) 58°N.08°E 58°N.22°E 54°N.08°E 54°N.22°E
		EN	1:2,000,000 (c) 60°N.09°W 62°N.12°E 50°N.04°W 51°N.12°E
NA	1:20,000,000 (c) 1:15,000,000 (c) 43°N.67°W 61°N.79°E 19°N.27°W 27°N.33°E	NT1	1:15,000,000 (c) 41°N.114°W 60°N. 36°E 14°N. 70°W 21°N.13°W
		NT2	(c) 59°N.82°W 61°N.28°W 43°N.70°W 44°N.35°W
		NT3	(c) 53°N.70°W 52°N.26°W 36°N.63°W 36°N.33°W
NT4	1:15,000,000 (c) 48°N.117°W 63°N. 42°E 05°N. 63°W 10°N.18°W		
Schedule			
BQ2	Ice conditions chart West Baltic Sea or special area		1520(09)
BQ3			1540(09)
NA	Surface weather chart ¹	0430(00)	1600(12)
	H+30 (GME) surface pressure ¹	0512(18)	



Raadio faksiimile kaardid

RADIO - FACSIMILE

RADIO WETHER SERVICES AND NAVIGATIONAL WARNINGS

NA	H+12, H+24 (GME) 500 hPa contour lines & isotherms, surface pressure	0559(00)	
	H+12, H+24 (GME) 850 hPa contour lines & isotherms, 700 hPa relative humidity	0612(00)	
	H+36, H+48 (GME) 500 hPa contour lines & isotherms, surface pressure	0625(00)	
	H+36, H+48 (GME) 850 hPa contour lines & isotherms, 700 hPa relative humidity	0638(00)	
	H+60, H+72 (GME) 500 hPa contour lines & isotherms, surface pressure	0651(00)	
	H+60, H+72 (GME) 850 hPa contour lines & isotherms, 700 hPa relative humidity	0704(00)	
	H+24 (GME) surface pressure ¹		1834(12)
	H+30 (GME) surface pressure ¹	0717(18)	
	H+48 (GME) surface pressure ¹	0730(00)	1847(12)
NT1	Surface pressure analysis with plotted data, ice	0743(00)	
NA	H+72 (GME) surface pressure ¹	0804(00)	1900(12)
	H+96 (GME) surface pressure ¹	0817(00)	
	H+24 (GSM) sea & swell, wind (10m)	0830(00)	1913(12)
	H+48 (GSM) sea & swell, wind (10m)	0842(00)	1926(12)
	H+72 (GSM) sea & swell, wind (10m)	0854(00)	1939(12)
	H+96 (GSM) sea & swell, wind (10m)	0906(00)	

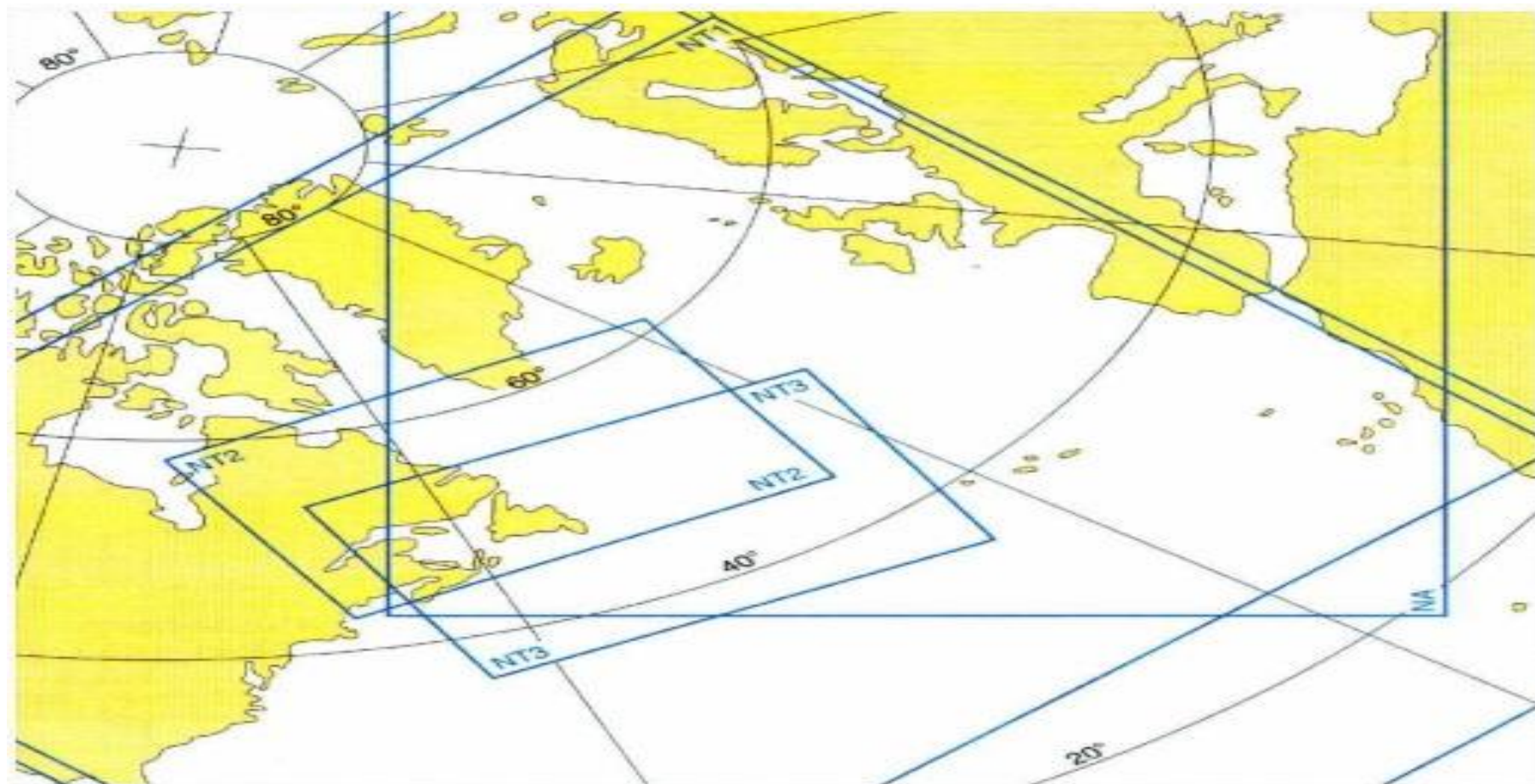
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Raadio faksiimile kaardid

RADIO - FACSIMILE

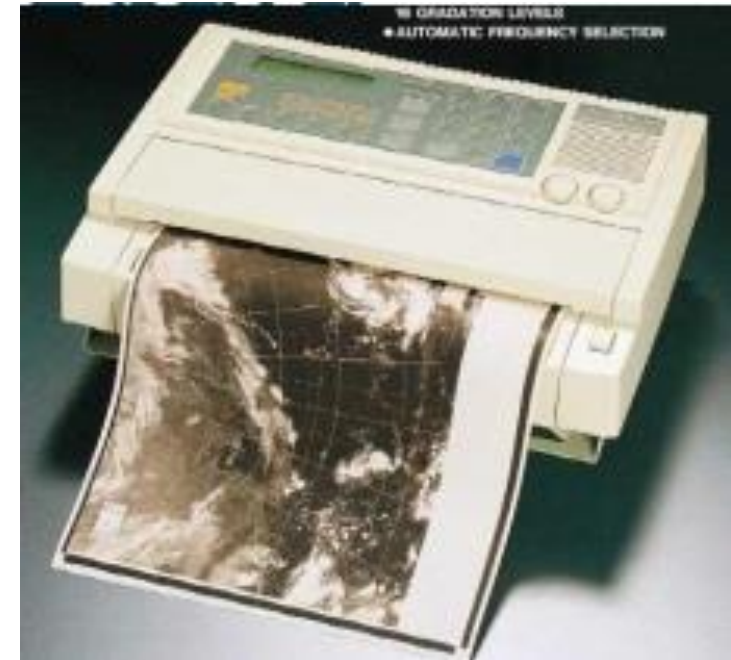
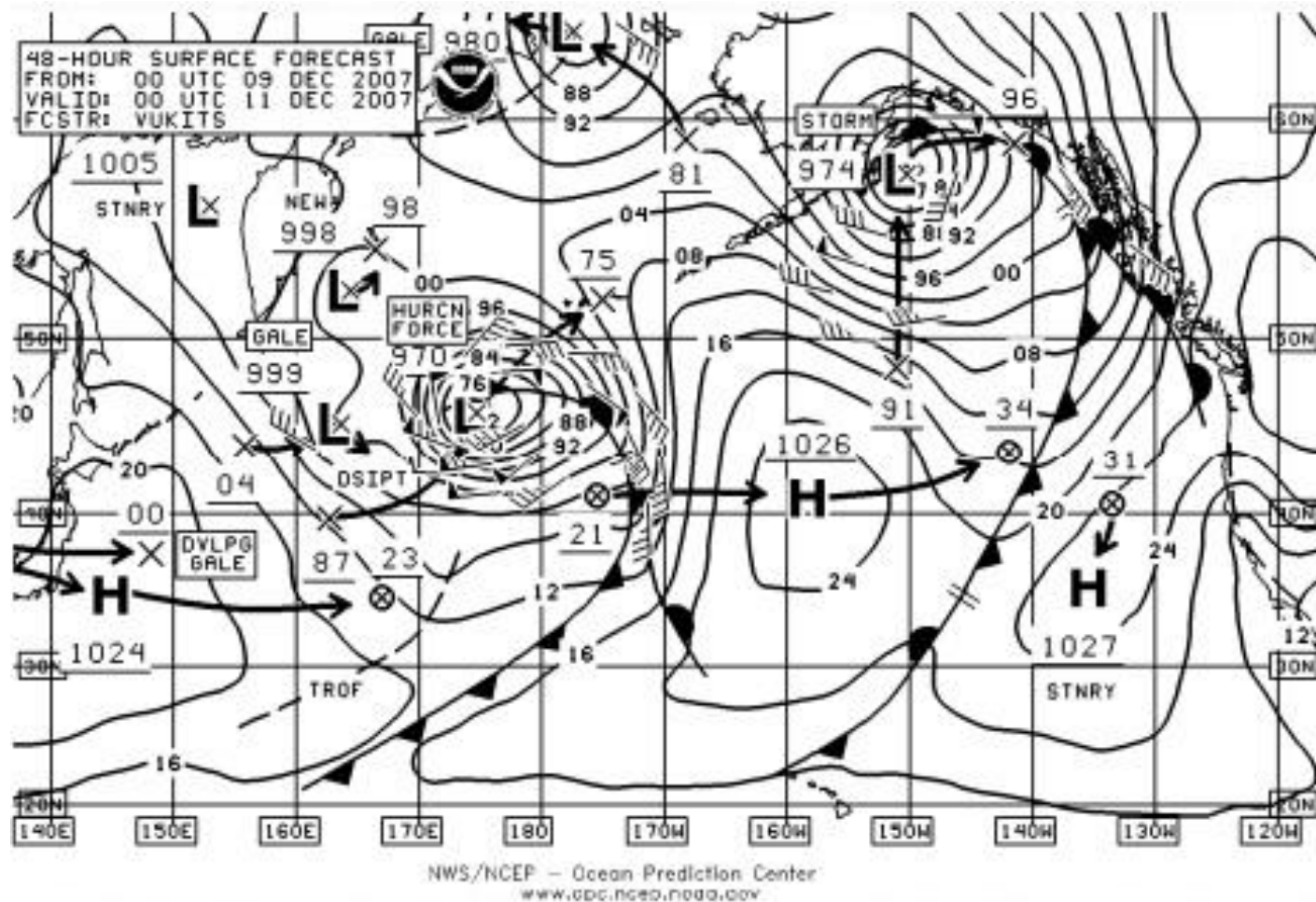
RADIO WETHER SERVICES AND NAVIGATIONAL WARNINGS



Raadio faksiimile kaardid

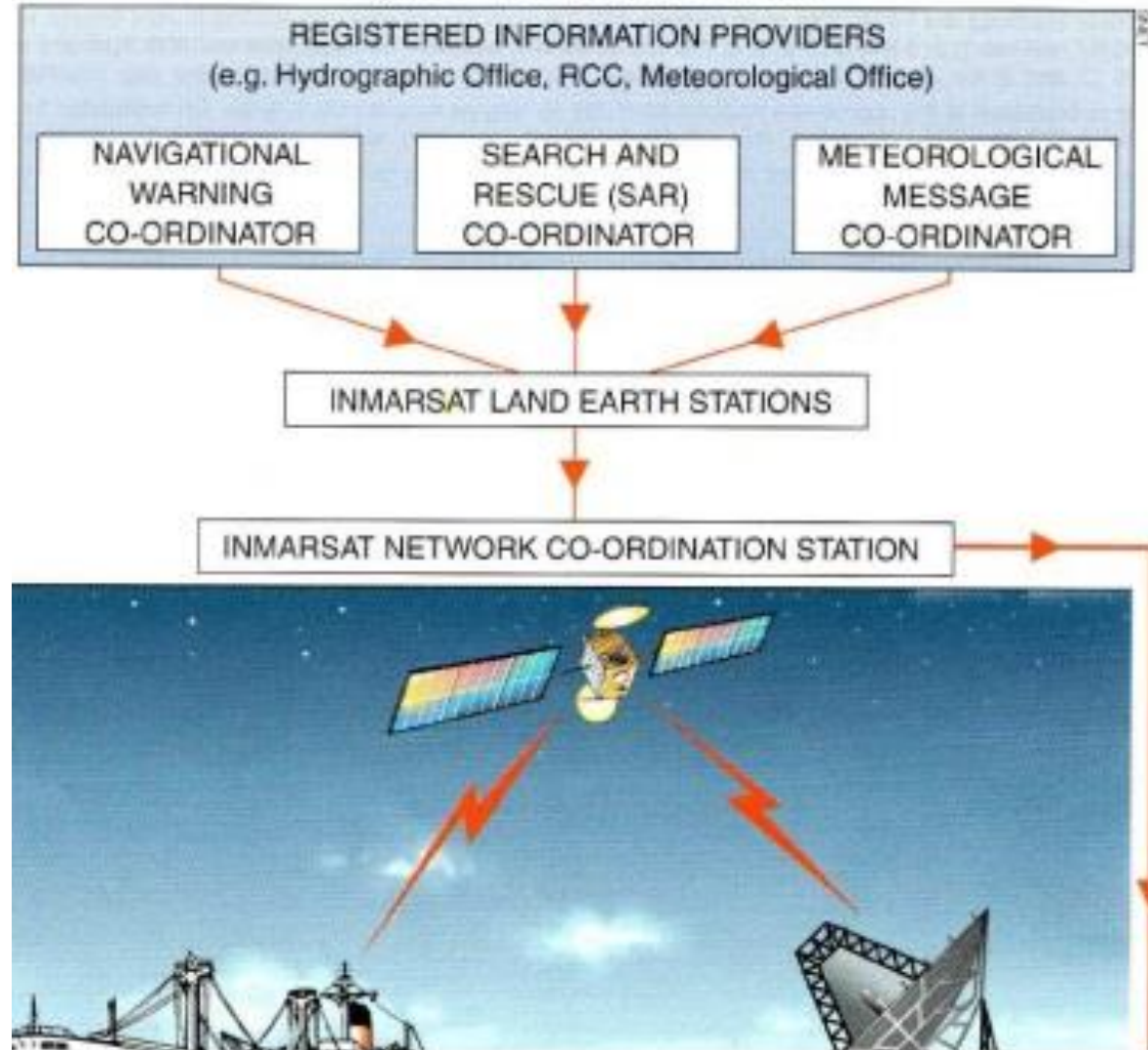
RADIO - FACSIMILE

RADIO WETHER SERVICES AND NAVIGATIONAL WARNINGS



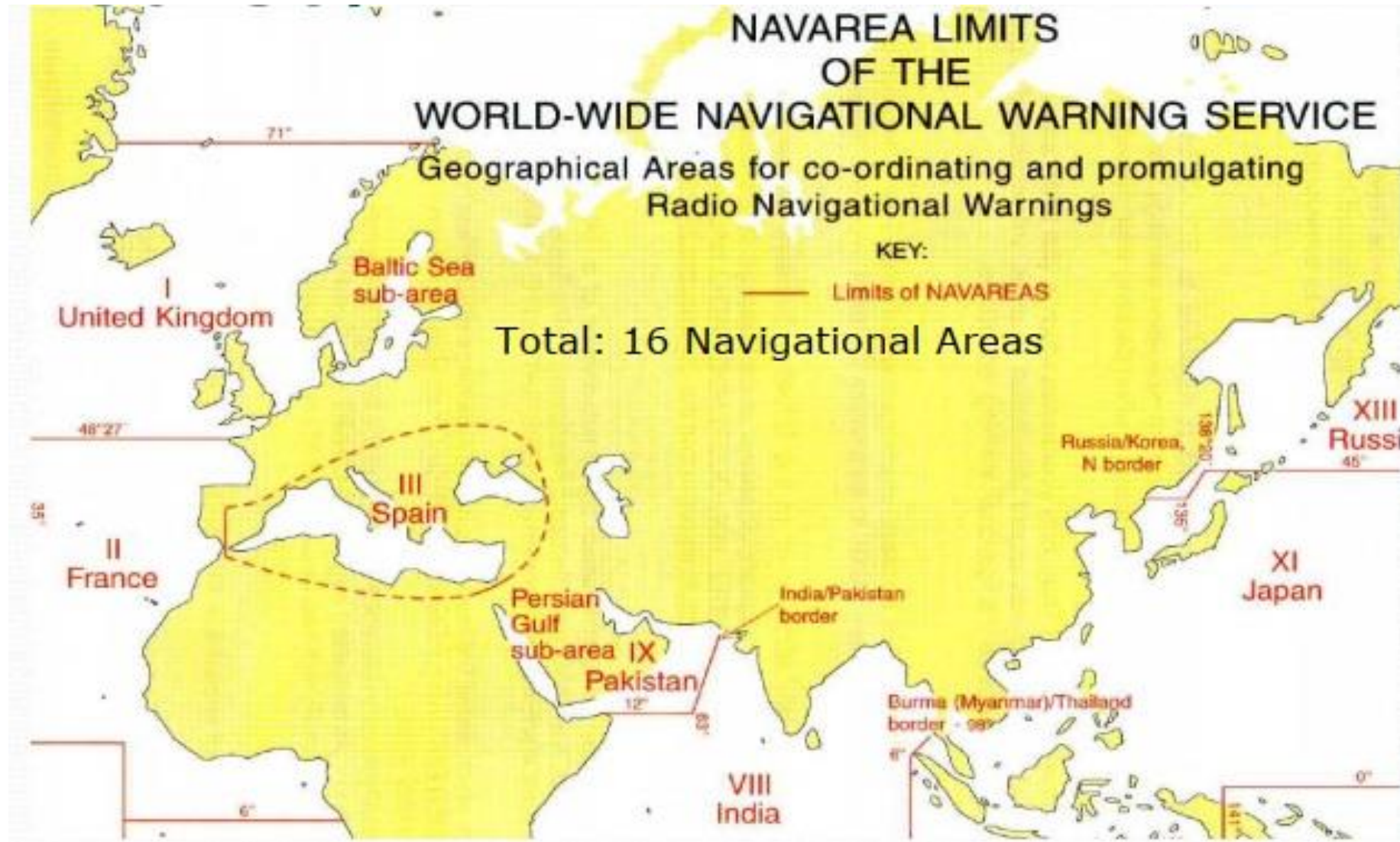
Safety NET

Figure 2 - The SafetyNET concept

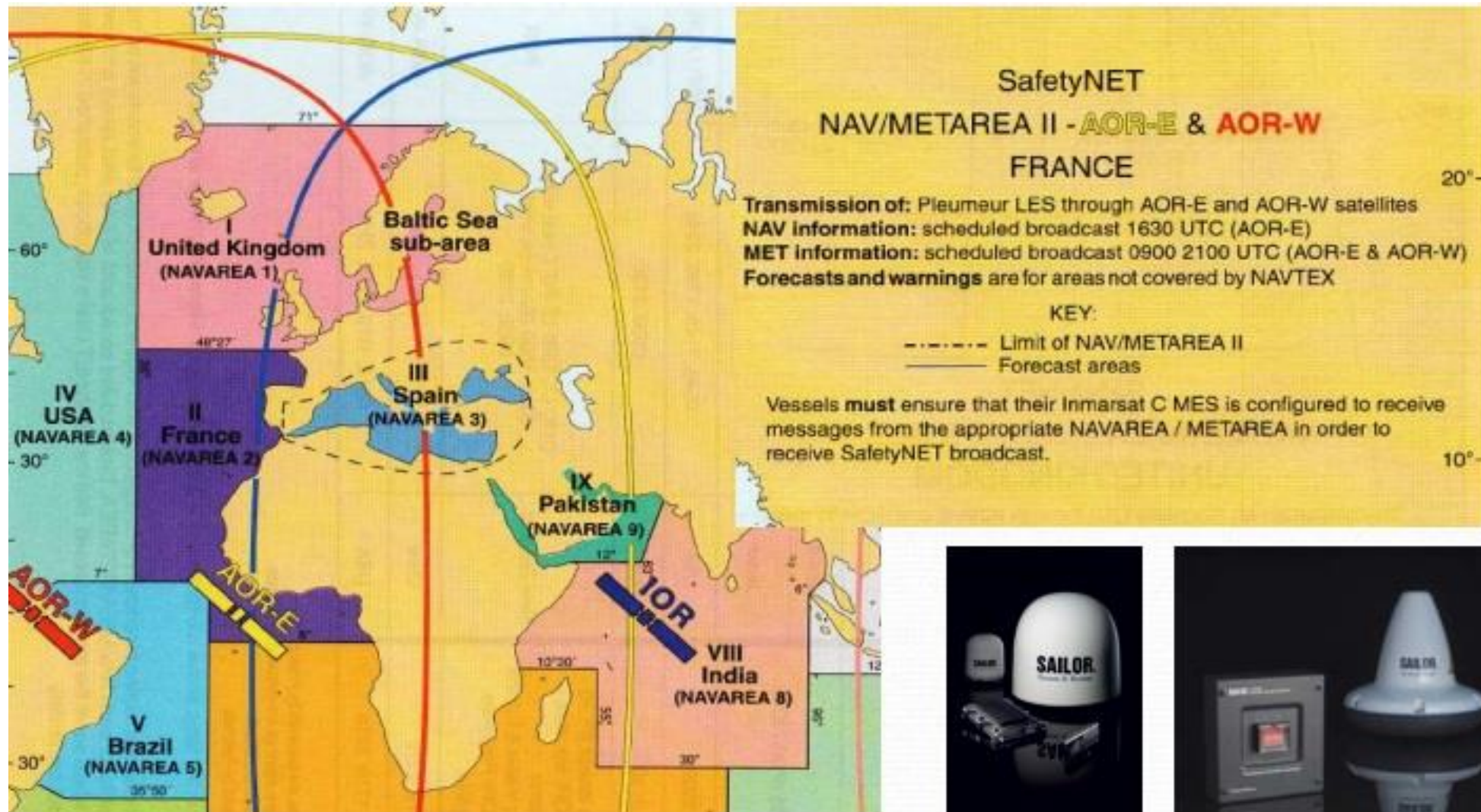




Safety NET



Safety NET





Safety NET





Safety NET

A SECURITE ON METAREA 2, METEO-FRANCE, WARNING NR 554 ,
SUNDAY 9 DECEMBER 2007 AT 0746 UTC GENERAL SYNOPSIS,
SUNDAY 9 AT 00 UTC LOW 968 JUST NORTHWEST IRELAND MOVING
SOUTHEAST AND FILLING EXPECTED 983 BELGIUM BY 10/00UTC THEN 997
NORTHWEST GERMANY BY 10/12UTC. LOW 963 JUST WEST HEBRIDES
MOVING EAST AND FILLING EXPECTED 1002 DENMARK BY 10/12UTC.
NEW LOW EXPECTED 989 50N37W BY 10/00UTC THEN 972 58N31W BY
10/12UTC, ASSOCIATED COLD FRONT EXPECTED FARADAY AND
NORTHWEST ALTAIR LATER.

FINISTERRE CONTINUING TO 09/21UTC WEST VEERING NORTHWEST,
8. SEVERE GUSTS. HIGH OR VERY HIGH SEA WITH NW SWELL.=

<http://weather.gmdss.org>



Safety NET

WONT54 EGRR 090800 SECURITE STORM WARNING AT 090000 UTC,
LOW 54 NORTH 11 WEST 966 MOVING STEADILY SOUTHEAST,
FILLING 984 BY 100000 UTC. WINDS WILL REACH STORM FORCE 10
OR VIOLENT STORM FORCE 11 IN THE SOUTHWESTERN QUADRANT
BETWEEN 250 AND 500 MILES FROM THE CENTRE UNTIL 092100 UTC.
WINDS WILL ALSO REACH STORM FORCE 10 IN THE FAR
NORTHWEST OF THE WEST NORTHERN SECTION AND SOUTHWEST
OF DENMARK STRAIT FROM 100300 UTC



Hea teada

Millistest allikatest saab väikelaevajuht teavet ilmaennustuse osas?

(anna vähemalt neli õiget vastust)

1) ...

2) ...

3) ...

4) ...



Hea teada

Millistest allikatest saab väikelaevajuht teavet ilmaennustuse osas?

(anna vähemalt neli õiget vastust)

- 1) Eesti Raadio mereilmateade kell 07.05 ja 17.05
- 2) Tallinn Raadio VHF kanalil 69 kell 06.33 ja 15.33
- 3) Interneti ilmaportaamid; Televisiooni ilmateated
- 4) Raadiotes edastatavad ilmaennustused



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— AASTAST 1906 —

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