

# Radio Weather Services and Navigational Warnings

## Format Explanations:

① CANARIAS, ISLAS (Spain)  
FAROE ISLANDS (Denmark)  
GERMANY

②

NAVTEX
TENERIFE MRCC
TÓRSHAVN (OXJ)
BBC RADIO 4

The station name may be followed by its call sign and its four digit station identity number (SELCAL). Alternative names by which a station is known may also be shown. Red indicates a Maritime Rescue Coordination Centre or an International NAVTEX station. Blue indicates any other Maritime Radio Station or National NAVTEX station. Green indicates a commercial broadcast station. The 'Control Centre' position, if shown below this strapline, is that of the manned operations station. This position may have a co-located aerial, but regardless, the approximate locations of all aerials are shown under E, if known.

③

① ② ③ ④ ⑤ ⑥

A	1644	RT (MF)		
B	8755 (Ch 813)	RT (HF)		
C	Ch 25	VHF	Mykines	62°06'·28N 7°35'·18W
D	Ch 26		Tórshavn	62°01'·15N 6°49'·75W
E	Ch 23		Hesturin	61°25'·42N 6°45'·29W

DIAGRAM: page 86

③ (Ch 813)

International channel numbers for RT (HF) and Radio-Telex paired frequencies are shown in *italic*.

④ VHF  
RT (MF)  
RT (HF)  
RADIO-TELEX  
AM  
FM

Mode of Transmission  
VHF indicates Very High Frequency F3E speech  
RT (MF) and RT (HF) indicates Radio Telephone SSB Upper Sideband, Medium Frequency and High Frequency respectively.  
RADIO-TELEX indicates F1B Narrow Band Direct Printing.  
AM – Amplitude Modulation (Long, Medium and High Frequency broadcasts)  
FM – Frequency Modulation (VHF broadcasts)

① A Letter designators are used to identify frequencies within the frequency table.

② 1641 VHF frequencies are identified by the International Maritime VHF Service Channel (Ch) designator. MF and HF frequencies are expressed in kHz. In the case of single sideband emissions the carrier frequency is quoted; in the case of Radio-Telex Services frequencies shown are assigned (mid-point of the F1B emissions), and care should be taken to ensure that the frequency of the suppressed carrier is set correctly, either 1.7 or 1.5 kHz below the assigned frequency, depending upon the equipment used.

⑤ Mykines  
Tórshavn  
Hesturin

Where a station has remote transmitting sites, the site names and positions are given together with the appropriate frequencies.

⑥ 62°06'·32N 7°35'·05W The position of a transmitting site.

④

① ②

Weather Bulletins	A: 0633 1833	Weather forecast for Sea Areas B1–B5 and B7 including wave heights in the Northern Baltic in English.
Navigational Warnings	B: On receipt	Gale warnings for Sea Areas B1–B5 and B7 in English.
	A: 0233 0633 1033 1433 1833 2233	Gale warnings for Sea Areas B1–B5 and B7, wave height information and coastal Navigational Warnings in English. Local Navigational Warnings in English.
	A-C: 0803	Icebreaker positions in English during the season.
	A-C: 1033 1833	Ice reports in English during the season.

NOTE(S): On request, Navigational Warnings may also be broadcast in Finnish or Swedish on Turku Radio's working channels.

① Broadcast times normally relate to UTC unless noted as local time (LT).

② The content of transmissions is set out under section headings as follows:

⑤

① ②

	518 kHz: T, V	490 kHz: B	Diagrams pages 39, 220, 221 and 312
Weather Bulletins	T: 0710 1910	Weather forecast for Sea Areas Dover and Thames in English.	
	B: 0810 1210 1610 2010	Weather bulletins for coastal areas and River Scheldt in Dutch and occasionally in English.	
Navigational Warnings	T: 0310 0710 1110 1510 1910 2310	Navigational Warnings and gale warnings for Sea Areas Dover and Thames in English.	
	V: 0330 0730 1130 1530 1930 2330	UK Coastal (WZ) Navigational Warnings in English.	
	B: 0010 0410 0810 1210 1610 2010	Local Navigational Warnings and gale warnings in Dutch, sometimes in English.	
Ice Warnings and Reports	T: 0310 0710 1110 1510 1910 2310	Baltic Ice Code for Netherlands Area Group GG in English.	

Ⓐ	518 kHz International NAVTEX service B1 Character timeslot reference, in red (English language).	Ⓒ	Weather Bulletins: B1 character reference, times in UTC and broadcast content description.
Ⓑ	National NAVTEX service frequency and B1 Character timeslot reference, if applicable, in blue (usually in the local language).	Ⓓ	Navigational Warnings: B1 character reference, times in UTC and broadcast content description.
		Ⓔ	Specific broadcasts: if applicable.

## CHINA

### GUANGZHOU (XSQ) [2017]

Control Centre: 23°06'96N 113°16'44E

<b>A</b>	4219 <sup>1</sup> 6329 <sup>2</sup> 8431 12622-5 16854	RADIOTELEX		
<b>B</b>	445	WT (MF)		
<b>C</b>	4340 <sup>3</sup> 6382 <sup>4</sup> 8458 12973	WT (HF)		
<b>D</b>	17287 <sup>5</sup> 19779 <sup>5</sup>	RT (HF)		

#### Diagrams pages 160 and 162

Weather Bulletins	<b>A:</b> 0920 2120 LT	24 hour forecast for Sea Areas 1–14 in English.
	<b>B, C:</b> 0830 2030 LT	
	<b>B, C:</b> 0900 2100 LT	24 hour forecast for Sea Areas 1–14 in Chinese.
	<b>D:</b> Every hour H+00 <sup>6</sup> Every odd hour H+00 <sup>7</sup>	24 hour forecast, language unspecified.
Navigational Warnings	<b>A:</b> 0620 1120 1720 2320 LT	Tropical storm warnings as necessary, for coastal waters of China S of 24°N in English.
	<b>B, C:</b> 0830 2030 LT	
	<b>B, C:</b> 0900 2100 LT	Tropical storm warnings as necessary, for coastal waters of China S of 24°N in Chinese.
	<b>D:</b> Every hour H+00 <sup>6</sup> Every odd hour H+00 <sup>7</sup>	Tropical storm warnings as necessary, for coastal waters of China S of 24°N, language unspecified.
	<b>A:</b> 1520 LT	Navigational Warnings and tropical storm warnings as necessary, for coastal waters of China S of 24°N in English.
	<b>B, C:</b> 1400 LT	
	<b>A:</b> 0920 2120 LT	Navigational Warnings and tropical storm warnings as necessary, for coastal waters of China S of 24°N in Chinese.
	<b>B, C:</b> 1000 1530 2200 LT	
	<b>B, C:</b> 0048 0448 0648 1048 1248 1648 1848 2248 LT	Navigational Warnings and tropical storm warnings as necessary, for coastal waters of China S of 24°N, language unspecified.

<sup>1</sup> Operational: 2000–0800 LT

<sup>2</sup> Operational: 0800–2000 LT

<sup>3</sup> Operational: 1800–0600 LT

<sup>4</sup> Operational: 0600–1800 LT

<sup>5</sup> Operational: 0900–2300 LT

<sup>6</sup> Between 0900 and 1500 LT

<sup>7</sup> Between 1600 and 2300 LT

# MALAYSIA

NAVTEX – PENANG			5°25'·58N 100°24'·40E
518 kHz: U			Diagrams pages 45, 209 and 210
Weather Bulletins	U: 0320 1520	Weather bulletins.	
Navigational Warnings	U: 0320 0720 1120 1520 1920 2320	Navigational Warnings.	

MARITIME SAFETY INFORMATION (MSI) ON THE INTERNET		
<i>The internet is not part of the Maritime Safety Information system and should never be relied upon as the only means to obtain the latest forecast and warning information. Access to the service may be interrupted or delayed from time to time, updates may also be delayed. Please refer to GMDSS services, INMARSAT SafetyNET or international NAVTEX for the latest information. However, the following website(s) may prove useful to the mariner:</i>		
www.marine.gov.my	Marine Department of Malaysia	Select language required and then Notice from the main menu, in order to view Notices to Mariners.

PENANG (9MG)				
Control Centre: 5°25'·58N 100°24'·40E				
	522.5	WT (MF)	Penang	5°25'·58N 100°24'·40E
	Ch 16	VHF	Kuantan	3°58'·18N 103°25'·98E
			Port Klang	2°59'·00N 101°29'·00E
Diagrams pages 209 and 210				
Navigational Warnings	0148 0548 0948 1348 1748 2148	Coastal Navigational Warnings.		