

MSI Self Assessment NAVAREA XI National Coordinator

Reporting period from 1st Jan 2022 to 31th December 2022

Submitted by China

SUMMARY

Executive Summary: Overview of Activities undertaken within China since WWNWS14

Action to be taken: Paragraph 7

Related documents: None

1. General information:

1.1 Geographic information of NAVTEX Stations:

There are 8 coast radio stations in China that transmit MSI in their particular service areas. International and national NAVTEX comprises of Coast Radio Stations at Dalian(R), Tianjin(S), ShangHai(Q), Fuzhou(O), Zhanjiang(E), Guangzhou(N&G), Sanya(M) and Hongkong(L).

NAVTEX Station	Location	Coverage(NM)		
		486kHz	518kHz	4209.5kHz
Dalian	38° 50.69' N 121° 31.09' E	250	250	--
Tianjin	39° 02.39' N 117° 26.95' E	100	--	500
Shanghai	31° 37.71' N 121° 44.51' E	250	250	500
Fuzhou	25° 59.96' N 119° 26.50' E	200	250	--
Guangzhou	23° 09.56' N 113° 30.80' E	250	250	400
Zhanjiang	21° 09.58' N 110° 21.8' E	250	--	--
Sanya	18° 17.49' N 109° 21.80' E	250	250	--
Hongkong	22° 12.57' N 114° 15.30' E	--	250	--

1.2. Operational Points of Contact for National Co-ordinators

COUNTRY	INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
CHINA	Maritime Safety Administration of China	+86 10 65292325	+86 10 65292465	warning@msa.gov.cn

1.3. GMDSS Master Plan:

The information of shore-based facilities for GMDSS of China in GMDSS MASTER PLAN is kept up-to-date. Update information including:

1.3.1 The Shanghai NAVTEX Station in China has been relocated, so we apply to update the location of Shanghai NAVTEX Station to 31° 37.71' N, 121° 44.51' E in the GMDSS Master Plan.

1.3.2 Apply to add HF-NBDP information of Shanghai Station to the GMDSS Master Plan as follows:

Country	NBDP Coast Station	Position	Frequency Band	Schedule(UTC)	Status of implimentation
China	shanghai	31° 37.71' N 121° 44.51' E	4MHz 6MHz 8MHz 12MHz 16MHz	1350 0250 0650 0850 2350 0250 0650 0850 1350 2350 0250 0650 0850 1350 2350 0250 0650 0850 1350 2350	Operational

2. Broadcast and monitoring equipment or software:

2.1 NAVTEX:

B1 518KHZ	B1 486KHZ	B1 4209.5KHZ	NAVTEX Station	Email	Telephone	Status
R	R	--	Dalian	13942603016@163.com	+86 411 82623096	Operational
--	S	S	Tianjin	tianjinradio@163.com	+86 22 66706037	Operational
Q	Q	Q	Shanghai	xsg@shhadt.com	+86 21 58555840	Operational
O	O		Fuzhou	fztzx @126.com	+86 591 83680690	Operational
N	N	G	Guangzhou	gzrdxsq@163.net	+86 20 84102403	Operational
	E		Zhanjiang	yjfyjz@nhhb.org.cn	+86 759 2370526	Temporarily Out of service
M	M		Sanya	yjfyhk@nhhb.org.cn	+86 898 68626066	Operational
L			Hongkong		+852 22337999	Operational

2.2 Other methods of promulgation:

HF NBDP (FEC) STATION	HF SSB STATION	VHF STATION	Status
Tianjin	Tianjin	Tianjin	Operational
Guangzhou	Guangzhou	Guangzhou	Operational
Shanghai	Shanghai	Shanghai	Operational

3. NAVAREA Metrics

3.1 Coastal Warnings issued by International NAVTEX:

NAVTEX station name	B1 Character or Coastal Warning Area	2022		
		Total number of warnings broadcast	Number of warnings broadcast with a vital priority (NAVTEX)	Total number of warnings broadcast, including repetitions
Dalian	R	2089	106	44376
Tianjin	S	2766	128	78575
Shanghai	Q	3524	217	83430
Fuzhou	O	98	6	1764
Guangzhou	N	996	17 (SAR)	22992
Sanya	M	76	0	5040

3.2 VITAL Coastal Warnings:

The coastal warnings with a VITAL priority are mainly search and rescue information.

When receiving the coastal warnings of "VITAL" level, the duty personnel will immediately monitor the working frequency, and broadcast the information immediately if the frequency is idle. If the frequency is occupied, the duty personnel will contact the

relevant station to ask for interruption of its transmission, and broadcast it immediately after the frequency is idle.

4. Contingency Planning:

The NAVTEX system is equipped with primary and secondary transmission and antenna equipments as well as primary and secondary power supplies to ensure the stable operation of the service. At the same time, the coast radio station has formulated an emergency response plan to ensure the orderly implementation of various works when emergency events occur. Every year, the coast radio station organizes emergency drills, including the switch of the main and standby servers, which exercises the emergency response ability and coordination ability of the personnel on duty.

5.Capacity Building:

China MSA established a coastal radio staff training,testing and certificating system since 2020, e.g. the second session national competency training course for coastal radio staffs was carried out online. 50 managers and operators from coastal radio stations across the country participated in the training.In total, 90 workers have obtained the qualifications till now, making the service ability of coastal radio further improved.

6.Other Activities:

Participation in meetings including IALA VTS 53, NCSR 9, WRS-22.

7.Actions requested:

The sub-committee is invited to note this report.

8. Summary: The National Coordinator of China introduced the Self-Assessment Report.