

MSI Self Assessment NAVAREA XI National Coordinator

Submitted by China

SUMMARY

Executive Summary: Overview of Activities undertaken within China since

WWNWS12 Action to be taken: Paragraph 12

Related documents: None

1. Background:

The China Sea area is a part of Navarea XI, and Maritime Safety Administration of China is the National Coordinator.

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), Guangzhou(N&G), Zhanjiang(E), Sanya(M) and Hongkong(L)

Operational Points of Contact for National Co-ordinator of China

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

2. Comments:

The information of shore-based facilities for GMDSS of China has been provided to update GMDSS MASTER PLAN in 2018. Since then there is no significant change.

GB17577- 2020 standard form of Navigation Warning Standard Formats of the People's Republic of China was revised and adopted on November 17, 2020. In addition to editorial changes, the revised contents also modify the format of sequence number, delete the requirements of transmission mode, and add the contact information of drafter, etc.

The Zhanjiang national NAVTEX Station is still out of service because of equipment failure, and the repair work is underway.

The equipments of Chinese coast radio stations are as follows:

Equipment Type	Software Version	Date of Up-date
NAVTEX 518 kHz/4209.5kHz/486kHz	NAVTEX CLIENT.EXE 1.0.0.1	2016.05

MSI via SSB Broadcast	InterPhonic6.5 And 1.0.0	2014.05
MSI via VHF Broadcast	GMDSS workstation software 1.0	2010.11

The following table shows the quantity of MSI data received and by which means that data was received:

Station	2018				2019				2020			
	Email	Fax	Phone	Text	Email	Fax	Phone	Text	Email	Fax	Phone	Text
Dalian		1683				1963				1572		
Tianjin		2291				1565				2008		
Shanghai		4001				4139				4502		
Fuzhou		138				129				172		
Guangzhou		845				2854				187609		
Sanya		142				359				2296		

The National Coordinator of China has provided MSI which is beyond our NAVTEX service area to NAVAREA Coordinator for broadcasting via SafetyNET during 2020 and 2021

3. NAVTEX Coverage:

(1) Operational Points of Contact for Coast Stations of China

STATION	TELEPHONE	FACSIMILE	EMAIL	OPERATIONAL STATUS
Dalian	+86 411 82623096	+86 411 82626051	13942603016@163.com	Operational
Tianjin	+86 22 66706037	+86 22 66706006	tianjinradio@163.com	Operational
Shanghai	+86 21 58555840	+86 21 58556478	zhangzhenghong@shhad.com	Operational
Fuzhou	+86 591 83680690	+86 591 83680690	-	Operational
Guangzhou	+86 20 84102403	+86 20 84428954	gzrdxqsq@163.net	Operational
Zhanjiang	+86 759 2370526	+86 759 2370157	yjfyzj@nhhb.org.cn	Temporarily Out of service

Sanya	+86 898 68626066	+86 898 68626066	yjfyhk@nhhb.org.cn	Operational
Hongkong	+852 22337999	+852 25417714	-	Operational

International NAVTEX Service on 518KHz

STATION	LOCATION	COVERAGE (NM)	TRANSMITTER ID. CHARACTER	SCHEDULE (UTC)
Dalian	38-50.69N/121-31.09E	250	R	0250, 0650, 1050, 1450, 1850, 2250
Shanghai	31-06.79N/121-32.79E	250	Q	0240, 0640, 1040, 1440, 1840, 2240
Fuzhou	25-59.96N/119-26.50E	250	O	0220,0620, 1020, 1420, 1820, 2220
Guangzhou	23-09.56N/113-30.80E	250	N	0210, 0610, 1010, 1410, 1810, 2210
Sanya	18-17.49N/109-21.80E	250	M	0200, 0600, 1000, 1400, 1800, 2200
Hongkong	22-12.57N/114-15.30E	250	L	0150, 0550, 0950, 1350, 1750, 2150

NAVTEX Service on 4209.5KHz

STATION	LOCATION	COVERAGE (NM)	TRANSMITTER ID. CHARACTER	SCHEDULE (UTC)
Shanghai	31-06.79N 121-32.79E	500	Q	0240, 0640, 1040, 1440, 1840, 2240
Guangzhou	23-09.56N 113-30.80E	500	G	0100, 0500, 0900, 1300, 1700,2100,
Tianjin (Planned)	39-02.39N 117-26.95E	500	S	0300, 0700, 1100, 1500, 1900, 2300

National NAVTEX Service on 486KHz

STATION	LOCATION	COVERAGE (NM)	TRANSMITTER ID. CHARACTER	SCHEDULE (UTC)
Dalian	38-50.69N 121-31.09E	250	R	0050, 0450, 0850, 1250, 1650, 2050
Tianjin	39-02.39N 117-26.95E	100	S	0300, 0700, 1100, 1500, 1900, 2300
Shanghai	31-06.79N 121-32.79E	250	Q	0040, 0440, 0840, 1240, 1640, 2040

Fuzhou	25-59.96N 119-26.50E	200	O	0320, 0720, 1120, 1520, 1920, 2320
Guangzhou	23-09.56N 113-30.80E	150	N	0010, 0410, 0810, 1210, 1610, 2010
Zhanjiang	21-09.58N 110-21.8E	200	E	0030, 0430, 0830, 1230, 1630, 2030
Sanya	18-17.49N 109-21.80E	200	M	0000, 0400, 0800, 1200, 1600, 2000

4. Operational Issues:

Quantity of MSI broadcasted by each station within the year of 2022 and the topics of these messages are as follows:

Station	Number of Navigational Warning	Topics/Subjects of Messages
Dalian	1647	Obstruction to navigation, Maritime operations, the status of Aids to Navigation, gunnery exercises, port construction operations, distress, search and rescue, weather warning, cancel previous navigation warning, surface and underwater operations, fog signals, ice information, etc..
Tianjin	2445	
Shanghai	4294	
Fuzhou		
Guangzhou	961	
Sanya		

Starting from July 1, 2020, South China Sea Navigation Support Center has been opening NAVTEX unified broadcasting in the South China Sea area, and Guangzhou Coastal Radio has been carry out unified management and unified broadcasting in Guangzhou, Zhanjiang and Sanya broadcasting stations.

5. Quality Management Survey

NAVAREA	ISO 9001-2008	Promulgate "In-Force" Bulletins	Promulgate "No-Warning" Messages	Monitor Broadcast	24/7 contact information provided	Promulgate two scheduled broadcasts	IMO Master Plan updated
<i>China</i>	<i>NO</i>	<i>-</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>

6. Contingency Planning

The contingency plan has been established by each NAVTEX station, such as standby software system and standby transmitter and so on. In case of emergency, the contingency plan will be carried out immediately to ensure the broadcast operated smoothly.

7. Capacity Building:

NAVTEX training and emergency drills are carried out regularly, especially for new staffs to make sure that they operate correctly. Especially in 2020, a national competency training course for coastal radio staffs was carried out in Tianjin by Maritime Safety Administration of P.R.China, the content of which including knowledge of international conventions and guidance, GMDSS, communication equipment, etc. A total of 42 managers and operators from coastal radio stations across the country participated in the training, making the service ability of coastal radio further improved.

We would like to take part in more international training courses in the future.

8. Other Activities: Nil

9. NAVAREA Website:

Address: <http://www.msa.gov.cn/>

All navigational warnings are uploaded as soon as possible following the dissemination via Navtex.

10. NAVAREA Contact

Information: No Change

Maritime Safety Administration of P.R.China

No.11, Jianguomennei Avenue, DongCheng District, BeiJing, China Tel: +86 1065292325

Fax: +86 10 65292465

Email: warning@msa.gov.cn

11. Recommendations: Nil

12. Actions requested:

The sub-committee is invited to note the port.

13. Summary:

The National Coordinator of China introduced the Self-Assessment Report covering the period since WNWNS12. There is no significant change since our previous report to WNWNS12.