

MSI Self Assessment NAVAREA XI National Coordinator

Submitted by China

SUMMARY

Executive Summary: Overview of Activities undertaken within China since WWNWS11

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(D), 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.

The Zhanjiang national NAVTEX Station is still out of service because of equipment failure, and the repair work is underway and is expected to provide service in 2021.

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

Station	2017				2018				2019			
	Email	Fax	Phone	Text	Email	Fax	Phone	Text	Email	Fax	Phone	Text
Dalian		1724				1683				1963		
Tianjin		2071				2291				1565		
Shanghai		3356				4001				4139		
Fuzhou		168				138				129		
Guangzhou		763				845				2854		
Sanya		282				142				359		

The National Coordinator of China has provided MSI which is beyond our NAVTEX service area to NAVAREA Coordinator for broadcasting via SafetyNET during 2019 and 2020

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	gzxsq@gzrdo.com	Operational
Zhanjiang	+86 759 2370526	-	-	Temporarily Out of service
Sanya	+86 898 88272063	+86 898 88257841	yjfyhk@nhhb.org.cn	Operational

Hongkong	+852 22337999	+852 25417714	-	Operational
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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	D	0010, 0410, 0810, 1210, 1610, 2010
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 2018 and the topics of these messages are as follows:

Station	Number of Navigational Warning	Topics/Subjects of Messages
Dalian	1963	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	1565	
Shanghai	4139	
Fuzhou	129	
Guangzhou	2854	
Sanya	359	

5. Quality Management Survey

NAVARE A	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.

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 10 65292325
Fax: +86 10 65292465
Email: warning@msa.gov.cn

11. Recommendations:

Nil

12. Actions requested:

The sub-committee is invited to note the report.

13. Summary:

The National Coordinator of China introduced the Self-Assessment Report covering the period since WWNWS11. There is no significant change since our previous report to WWNWS11.