

Remote Maintenance Service

Remote Diagnostic Report



Ship details

Ships name:

Ships type:

IMO:

Bridge phone number:

RMS subscription: JRC-Europe 0123XYZ

Modem number:

Purchase Order details

PO:

PO date:

Company name:

Reference:

Relation to the ship:

Authorized for the RMS request:

Approval from Captain:

JRC Europe

Engineer name:

Approval from Captain:

Date of RMS login:

Time of RMS login:

Time of RMS logout:

Special mention:

1. Preface

The information documented is to have an overview of the overall status of JRC equipment installed on board, connected to VDR and with its ability to provide RMS-data. All these topics together create a diagnostic report that can be used for client services, reduce downtime, cost savings to limited or reduce Service visits as a result increase Client satisfaction.

2. General Status

Category	Equipment	RMS connected	Alarms status ✓= No-Alarm ✗= Alarm	Software Update available
(100) Navigation				
	Sea Radar 1 (101)	✓	✓	✓
	Sea Radar 2 (101)	✓	✓	✓
	Sea Radar 3 (101)			
	Echosounder (120)			
	Doppler speedlog (130)			
	Satellite speedlog (132)			
	DGPS 1 (150)	✓	✓	✓
	DGPS 2(150)	✓	✓	✓
	Satellite compass (162)	✓	✓	✓
	(S)-VDR (170-171)	✓	✗	✓
	AIS (180)	✓	✓	✓
	ECDIS 1 (190)	✓	✓	✓
	ECDIS 2 (190)	✓	✓	✓
(200) Internal communication				
	BNWASS (220)			
(300) External communication				
	VHF 1 (301)	✓	✓	✓
	VHF 2 (301)	✓	✓	✓
	VHF 3 (301)			
	MFHF 1 (302)	✓	✓	
	MFHF 2(302)			
	Satcom C1 (303)	✓	✓	✓
	Satcom C2 (303)	✓	✗	✓
	LRIT (304)	✓	✓	✓
	SSAS (305)	✓	✓	✓
	Navtex (310)		✓	✓
	Weatherfax (311)	✓	✓	
	Satcom F (352)			
	Satcom FBB (355)			
	VSAT (357)			
(500) Automation				
	Conning System (500)	✓	✓	✓

3. (100) Navigation

101 Sea Radar 1(JMR-9282 solid state)

Software level	01.30.039
TX time	17379 hrs
Running hours motor	6362 hrs
Fan time	25942 hrs
Magnetron Current	2D
Alarms	No alarms

101 Sea Radar 2 (JMR-9210)

Software level	01.30.039
TX time	435
Running hours motor	6264
Fan time	26329
Magnetron Current	33
Alarms	No alarms

101 Sea Radar 3 (No third radar)

Software level	
TX time	
Fan time	
Magnetron Current	
Running hours motor	
Alarms	

120 Echo Sounder (not connected to RMS)

Software level	
TX time	
Frequency	
Alarms	

130 Doppler Speed log (Not connected to RMS)

Software level	
TX time	
Alarms	

132 Satellite Speed log (Not Present)

Software level	
Signal strength	
Alarms	

150 DGPS 1(JLR-7900)

Software level	R54.00.072
HDOP	Under 4
Alarms	No alarms

150 DGPS 2 (JLR-7900)

Software level	R54.00.072
HDOP	Under 4
Alarms	No alarms

162 Satellite Compass (JLR-21)

Software level	R52.01.002
HDOP	Not available
Alarms	No alarms

170/171 (S)Voyage Data Recorder (SVDR) (JCY-1900)

Software level	01.01.102
Battery date	Not expiring within a year
HRU date	Not expiring within a year
Beacon batt	Not expiring within a year
Fans	Not expiring within a year
Alarms	No alerts

180 Automatic Identification System (AIS)

Software level	TRX 072 , display 035
SWR	Forward power = 492, reflected power is 53 (AD conversion)
TX output	8.9W
Alarms	Low power on AIS

190 Elec. Chart Display Info System (ECDIS) 1

Software level	01.30.039
License expiry date	Not showing (but no alerts)
Dongle#	JRC79683
Alarms	No alarms

190 Elec. Chart Display Info System (ECDIS) 2

Software level	01.30.039
License expiry date	Not showing (but no alerts)
Dongle	JRC79684
Alarms	No alarms

4. (200) Internal Communication

220 Bridge Nav. Watch Alarm System (BNWAS) (NON-JRC)

Software level

Alarms

5. (300) External Communication

301 VHF 1 (JHS-770)

Software level TRX = 03.16 ; CNT1 = 03.19 ; CNT2 = 03.17

SWR No alerts present

Alarms None

301 VHF 2 (JHS-770)

Software level TRX = 03.16; CNT1 = 03.19; CNT2 = 03.17

SWR No alert present

Alarms None

301 VHF 3

Software level

TX time

TX power

SWR

Alarms

302 MF-HF 1 (JSS-2150)

Software level PA 00.28; ATU 00.10 ; TRX 00.16; WKR 00.56; CNT 04.08

Alarms None

302 MF-HF 2

Software level

Alarms

303 Satcom-C1(JUE-87)

Software level ACSE 01.13; MDM 11.00; IME 01.02; DTE 01.12

Satellite status logged in

Alarms None

303 Satcom-C2(JUE-87)

Software level ACSE 01.13; MDM 11:00; IME 01.02; DTE 01.12
Satellite status logged in
Alarms None

304 Long Range Ident. & Tracking (LRIT)(JUE-87, see above)

Software level
Satellite status
Alarms

305 Ship Security Alert System (SSAS)(JUE-87, see above)

Software level
Satellite status
Alarms

310 Navtex (NCR-333)

Software level
Antenna status
Alarms
Not connected to RMS

311 Weatherfax (JAX-9B)

Software level DSP 1.1.0
Antenna status no alerts
Alarms None

354 Satcom-F (None)

Software level
Satellite status
Alarms

355 Satcom-FBB (None)

Software level
Satellite status
Alarms

357 V-Sat (Non JRC)

Software level
Satellite status
Alarms

6. (500) Automation

500 Conning System (Included in one MFD)

Software level
License expiry date
Alarms

7. Proposal

- General service to update to latest software versions, connect NCR-333 and check JAX-9B comms.
- Check power JHS-183

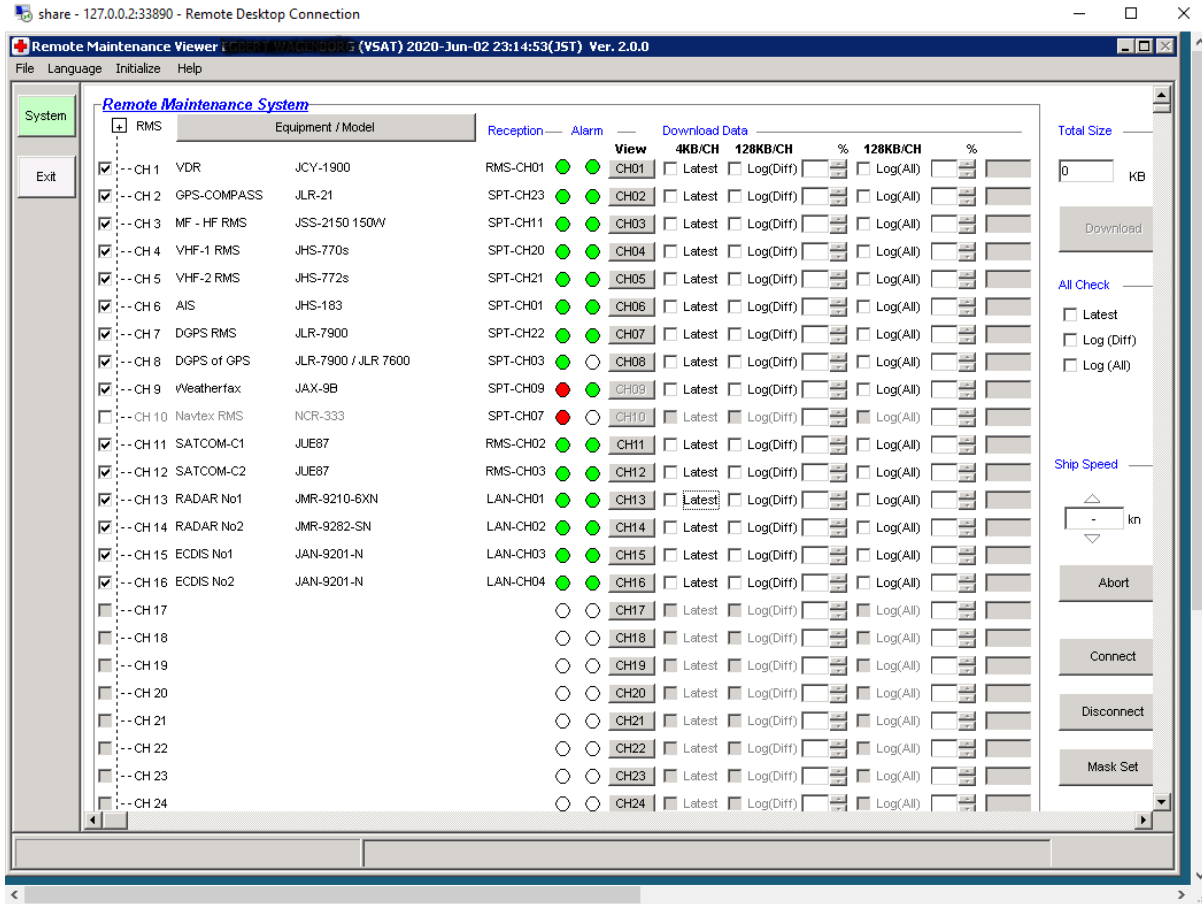
8. Conclusion

No fatal alerts, only software version is old on some equipment.

9. Action list

Description	When	Why
JUE-87 software update	MM/YY	Old software
MFD software update	MM/YY	Old software
VHF 2 nd controller software update	MM/YY	Not same software as 1 st controller
Connect NCR-333 to RMS	MM/YY	Not connected
Check JAX-9B RMS comms	MM/YY	Error in comms to RMS

10. Pictures





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