

Survey and test report for five year inspection of

Rhs.

According IMO Res. MSC.1/Circ.1206



Report no.		Company	
IMO number		Serial no.	
Ships name		Page	1/4
Type of system			

See TRAINING COUSE FOR TECHNICIANS	Description	Ok/done	Failed	Repaired	Remarks
6.0	Weekly and monthly inspections carried out regulary (check log scheme)	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
6.1.1	Pedestal / foundation frame				
	Check drainage holes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check corrosion, conservation and deformation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check Foundation bolts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check system weldings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.2.1.	Columns / Slewing gears (05./15)				
	Check corrosion, deformation, depression and conservation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check greasing lower bearing and worm gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check oil level external slewing gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check worm gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check system welds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.4.1	Davit arm / Sheave and Sheave houses (05./15)				
<i>! Make sure boat is well supported in its cradle and tighten lashing before commencing !</i>					
	Check corrosion, deformation, depression and conservation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check corrosion spots especially at difficult accessible areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check all sheaves turning free	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	check system welds especially at arm/column connection and at winch foundation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.5.1	Boat winch W02, W04 and W08				
<i>! Make sure boat is well supported in its cradle and tighten lashing before commencing !</i>					
	Check corrosion and conservation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check oil level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check for unusual noise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check wire end cotter on looseness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>! Do not start the motor with engaged hand crank !</i>					
	Check on corrosion and functionality of safty levers at the hand crank input. Both levers should return to neutral upon release	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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6.5.2.	Winch brake system W02, W04 and W08				
	<i>! Make sure boat is well supported in its cradle and tighten lashing before commencing !</i>				
	Check and inspect the brake system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Stop brake spring changed	<input type="checkbox"/>			<input type="checkbox"/>
	Stop brake lining changed	<input type="checkbox"/>			<input type="checkbox"/>
	“Service kit 5 years” for winch changed	<input type="checkbox"/>			<input type="checkbox"/>
6.6.	Electric system				
	Check wiring towards starterbox and from there to electric motor, limit switches and remote control unit (if any)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<i>! Do not start the motor with engaged hand crank !</i>				
	Check condition and function of the electric motors and limit switches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check wiring inside starter box	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check water tightness of all electric components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.7.1	Hydraulic system				
	Check corrosion and conservation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check for any leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check oil level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check quality of hoses and couplings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check all hydraulic functions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.7.2	Hydraulic system (“stored power” addition)				
	Check pressure in the hydraulic accumulator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check precharge pressure _____ bar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check if the electric motor starts automatically	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check starting pressure of pump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check stopping pressure of pump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.8.	Wire rope				
	Check last wire rope change (If wire rope older than 5 years the wire rope must be changed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check wear, breakage of strands and corrosion of full length of the wire rope (especially around the area’s of the sheaves, guides and jockey pulley)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check greasing of wire rope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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<small>See TRAINING COURSE FOR TECHNICIANS</small>	Description	Ok/done	Failed	Repaired	Remarks
6.9.	Rescue boat hook and Raft hook (see separate checklist)				
6.12	Remote control				
	Check wear and corrosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check moving condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check greasing of RC wire and blocks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check operation force for RC for slewing and lowering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check position of hydraulic valve and brake lever after releasing the remote control. Both should have returned to neutral.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.13	Boat chocks / lashing				
<i>! Make sure boat is well supported in its cradle and tighten lashing before commencing !</i>					
	Check wear, corrosion and looseness.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check functionality of spanner. Remove dirt (also salt deposits) on moving parts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check lashing belts on wear and damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.15.2	Dynamic test, 110% of SWL				
<i>! This test is only allowed above water !</i>					
	Slewing- and lowering test with 110% SWL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check function of limit switches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Remarks

Inspection finished Yes No
 System workable Yes No

Date of Service	
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Name Service engineer in block letters	
Signatur/Stamp Service engineer	
Name Ship master in block letters	
Sign/Stamp Ship master	

