

OFFICIAL SENSITIVE-COMMERCIAL (when completed)  
Schedule 2B - Schedule of Requirements - Specification for Contract No. 704354453

GR	GENERAL REQUIREMENTS		
GR-01	Any defects or concerns arising from an inspection should be raised with the Authority immediately		
GR-02	Workshop facilities are required to assist with any defect not repairable in situ		
GR-03	Storage facilities required to receive deliveries for ship when unmanned		
GR-04	24 hr point of contact for emergency support		
GR-05	Boat charter facilities available if requested by range staff (average 8 weeks per financial year whilst range boat in refit)		
GR-06	All load test requirements will be provided by Authority		
ID No	ITEM	ITEM DESCRIPTION	COMMENTS
<b>D</b>	<b>DAILY</b>		
D-01	Draught indicators	Inspect Port and Stbd draught indicators	Daily inspection of Ship's draught. Report any changes to Authority immediately
D-02	Navigation lights	Visual inspection	Notify Authority of any major defects
<b>W</b>	<b>WEEKLY</b>		
W-01	General walk round	Walk round ship to inspect for emergent issues	Rectify minor defects. Notify Authority of any major defects
W-02	Accommodation and bilge inspection	General walk through and inspection	Rectify minor defects. Notify Authority of any major defects
W-03	Shaft seals	Inspect condition and water ingress	Report to authority if excessive water found
W-04	Bilge areas	Inspect condition and water ingress	Report to authority if excessive water found
W-05	Inspect all watertight doors	Inspect watertight doors, re-grease if necessary	Re-grease mechanism and renew seal if required. Check doors open and close
W-06	Mooring chains and smit locks	Visual check of Fore and Aft mooring chains and smit locks	
W-07	Sewage collection and disposal	Removal of black water from ship	Allow for 2000 litres per week
W-08	Fresh water	Supply of fresh water	Allow for 2000 litres per week
W-09	Supply of drinking water and cooler	Hire water cooler to be changed every 6 months. Supply one 20 litre water bottle per week	Remove empty bottles and return to supplier
W-10	Emergency lighting and alarm	Visual inspection and testing to ensure all working	
W-11	Fire extinguishers	Check pressure, condition and correct stowage	
<b>M</b>	<b>MONTHLY</b>		
M-01	Stern door	Inspect structure, locking mechanism and seals.	Grease, check seals and replace if required. Ensure door opens and closes securely
M-02	External doors	Inspect and carry out greasing routine	Grease, check seals and replace if required. Ensure door opens and closes securely
M-03	Internal doors	Inspect and carry out greasing routine	Grease, check seals and replace if required. Ensure door opens and closes securely
M-04	Portacabins	Inspect deck fittings for security and check cabins for	
M-05	Toilets	Inspect deck fittings and check operation of system	
M-06	Vermin control	Inspect anti bird netting and remove any dead birds	Re-attach netting and spikes if required
M-07	440v system	Inspect condition of extractor fan motor	
M-08	240v system	Check lamps and replace as necessary	
M-09	110v system	Inspect lighting necklaces and check securing arrangements and condition of all lights in Tristram	
<b>3M</b>	<b>3 MONTHLY</b>		
3M-01	Upper deck	Inspect overhead fittings and mast for security	Rectify minor defects. Notify Authority of any major defects
3M-02	CASEVAC equipment	Check operation and carry out greasing routine.	Functional test on completion
<b>6M</b>	<b>6 MONTHLY</b>		
6M-01	Ladder and platform (Port)	Inspect ladder, platform and associated fixings	Rectify minor defects. Notify Authority of any major defects
6M-02	Ladder and platform (Port)	Inspect associated ship side fixings	Rectify minor defects. Notify Authority of any major defects
6M-03	Ladder and platform (Stbd)	Inspect ladder, platform and associated fixings	Rectify minor defects. Notify Authority of any major defects
6M-04	Ladder and platform (Stbd)	Inspect associated ship side fixings	Rectify minor defects. Notify Authority of any major defects
6M-05	Stern platform	Inspect ladder, platform and associated fixings	Rectify minor defects. Notify Authority of any major defects
6M-06	Stern platform	Inspect associated ship side fixings	Rectify minor defects. Notify Authority of any major defects
6M-07	Inspect internal ladders	Inspect handrails, securing arrangements and ladder structure	Rectify minor defects. Notify Authority of any major defects
6M-08	Inspect external ladders	Inspect handrails, securing arrangements and ladder structure	Rectify minor defects. Notify Authority of any major defects
6M-09	Shell doors Port and Stbd	Inspect structure, locking mechanism and seals.	Re-grease mechanism and renew seal if required
6M-10	Access doors	Inspect access doors and associated fittings	Re-grease mechanism and renew seal if required
6M-11	Fire extinguishers	Check condition of hoses and inspect body	
6M-12	Lifting eyes and climbing equipment	Inspect lifting eyes and climbing equipment	
<b>A</b>	<b>ANNUAL</b>		
A-01	440v system	Inspect earth bond and test insulation for extractor fans	8 x extraction fans
A-02	240v system	Carry out Portable Appliance testing	Allow for 20 appliances (IT equipment, CCTV, drinking water fountain)
A-03	240v system	Inspect distribution board, test RCD and check earth continuity	
A-04	110v system	Carry out Portable Appliance testing	Allow for 20 appliances (portable vent fans, black heaters)
A-05	110v system	Inspect distribution board, test RCD and check earth continuity	
A-06	Security cameras	Maintenance as per manufacturer recommendations.	
A-07	Bridge wing outcrop	Annual test to 2T	
A-08	Guardrails	Inspect guardrails, wires and associated fittings	Rectify minor defects. Notify Authority of any major defects
A-09	In water inspection	Diving inspection of hull and anodes	Condition report to be supplied to Authority upon request
A-10	CASEVAC equipment	Load test abseil eye plates and hoist	



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<b>ER</b>	<b>EMERGENCY RESPONSE</b>		
ER-01	Evacuation boat	Emergency boat required to be at 20 minutes notice during exercises. Boat should have capacity to evacuate 60 people in 30 minutes.	Allow for 200 days per financial year
ER-02	Emergency assistance	Portable pumps and generators to assist in the event of flood, loss of power etc.	
<b>DC</b>	<b>DEEP CLEAN</b>		
DC-01	Ship deep clean	Allow for 5 deep cleans per year, each time 4 x cleaners for 5 days.	Particular attention should be paid to internal range areas where explosive residue may accumulate i.e. compartment corners and behind bulkheads
DC-02	Rubbish removal	Supply and remove skips from ship	Allow for 26 skips per financial year. Boat with crane will be required as ship crane U/S
<b>U</b>	<b>UNSPECIFIED</b>		
U-01	Service of 2 x generators	Servicing to be in accordance with manufacturers schedule	Average twice per financial year. Main generator approx. 120KVA. General generator approximately 50KVA
U-02	CCTV	Servicing to be in accordance with manufacturers schedule	
U-03	Painting - general	Inspect and touch up as required	Allow for 20 sqm per financial year
U-04	Painting - non slip deck paint	Inspect and touch up as required	Allow for 5 sqm per financial year
U-05	Safety and access signs	Replace signs if damaged or updated	Allow for 6 signs per financial year
<b>R</b>	<b>Rates required for</b>		
R-01	Electrician hourly rate		
R-02	Mechanical fitter hourly rate		
R-03	Plumber hourly rate		
R-04	Welder/shear metal worker hourly rate		
R-05	Diver hourly rate		
R-06	Painter hourly rate		
R-07	Material (cost+handling fee)		
R-08	Sub Contacts (cost+handling fee)		
	<b>DEFINITIONS</b>		
	<b>Allow for</b> - Describes work that may be encountered by the Contractor which is to be assumed for costing purposes		
	<b>Check</b> - Visual inspection of equipment to look for defects		
	<b>Functional test</b> - Where an equipment or system is operated over the range of its normal parameters according to a pre-planned trial or procedure.		
	<b>Inspect</b> - Visually and dimensionally examine the system or equipment under consideration for defects. Report findings upon request		
	<b>Load test</b> - Test a system or equipment with a 'load test' in accordance with recognised procedures. Provide certification on completion and supply and fit tally plates		
	<b>Service</b> - A planned maintenance function aimed at a serviceable equipment, usually in accordance with a manufacturer's recommended process		