

ANNEX 10 - TYPICAL MCA SURVEY SCHEDULE – MACHINERY

ITEM	YEAR 1	YEAR 2	YEAR 3	YEAR 4	(YEAR 5)
No 1 cyl. head & valves					
No 2 cyl. head & valves					
No 3 cyl. head & valves					
No 4 cyl. head & valves					
No 5 cyl. head & valves					
No 6 cyl. head & valves					
No 7 cyl. head & valves					
No 8 cyl. head & valves					
No 1 crankpin bearings and webs					
No 2 crankpin bearings and webs					
No 3 crankpin bearings and webs					
No 4 crankpin bearings and webs					
No 5 crankpin bearings and webs					
No 6 crankpin bearings and webs					
No 7 crankpin bearings and webs					
No 8 crankpin bearings and webs					
No 1 piston & conrod					
No 2 piston & conrod					
No 3 piston & conrod					
No 4 piston & conrod					
No 5 piston & conrod					
No 6 piston & conrod					
No 7 piston & conrod					
No 8 piston & conrod					
No 1 Main bearing					
No 2 Main bearing					
No 3 Main bearing					
No 4 Main bearing					
No 5 Main bearing					
No 6 Main bearing					
No 7 Main bearing					
No 8 Main bearing					
No 9 Main bearing					
No 1 Fuel Injection Pump & piping					
No 2 Fuel Injection Pump & piping					
No 3 Fuel Injection Pump & piping					
No 4 Fuel Injection Pump & piping					
No 5 Fuel Injection Pump & piping					
No 6 Fuel Injection Pump & piping					
No 7 Fuel Injection Pump & piping					
No 8 Fuel Injection Pump & piping					
Camshaft drive, cams & bearings					
Thrust Block					
Gearbox & clutch					
Intermediate Shafting and bearings					
Exhaust system					
Propeller					
Rudder					
Stock					
Main Engine turbocharger					
Crankcase relief doors (>200mm bore)					
Holding-down bolts and chocks					
Engine Trial, including alarms & trips					

ITEM	YEAR 1	YEAR 2	YEAR 3	YEAR 4	(YEAR 5)
No 1 fire pump					
No 2 fire pump					
Emergency fire pump					
No 1 bilge pump					
No 2 bilge pump					
Main engine cooling water pump No 1					
Main engine cooling water pump No 2					
Aux Engine cooling water pump No.1					
Aux Engine cooling water pump No 2					
Cooling Water Pressure					
Hydraulic Drives					
Main engine lube oil pump No 1					
Main engine lube oil pump No 2					
No 1 SW pump					
No 2 SW pump					
Fuel oil transfer pump					
Fuel Separator					
Seawater/ballast/bilge pipes					
Fresh water pipes					
Lub Oil pipes					
Fuel Oil pipes					
Lube Oil Pressure					
Lube Oil Level					
Starting air pipes					
Relief Valves					
Domestic Water Pump (cold)					
Domestic Water Pump (hot)					
Water Heaters					
Deck Wash 1					
Deck wash 2					
Steering Gear					
Emergency Steering					
Compressor No 1					
Compressor No 2					
No 1 air receivers and safety devices					
No 2 air receivers and safety devices					
Pneupress tank					
M.E. intercooler					
Main FW Cooler					
Main S W Cooler					
Main L O Cooler					
No 1 Aux Engine and Generator					
No 2 Aux Engine and Generator					
No 3 Aux Engine and Generator					
Shaft Generator					
Emergency generator					
Electrical Survey (Megger test & batteries)					
Switchboard					
U.M.S. systems					

Distribution Boards					
Distribution Circuits					
Motors					
Emergency Lighting					
Navigation Lighting					
General Lighting and Wiring					
Gauges and Indicators					
Alarms (Visual and Audible)					
Cathodic Protection					
Sea Connections: suction and discharges.					
Fish hold refrigeration plant					
Ship Side Valves					
Tailshaft, bearings & stern gland					
Bowthruster					
Sewage Eductor Drive					
Space Heaters					
Ventilation Fans					
Galley Equipment					
Boiler & mountings					