

## GAMBAR - GAMBAR



Gambar 1 : Kapal MT. DURGANDINI



Gambar 2 : Cargo Control Room MT. DURGANDINI



Gambar 3 : *Cargo Pump* MT. DURGANDINI



Gambar 4 : *Deck* MT. DURGANDINI

**MAINTENANCE ROUTINES THE CARGO EQUIPMENT OPERATION  
TANKER MANUAL SECTION 15**

The following items are to be contained in the maintenance records :

ITEM	Frequency	Reference
Electrical bonding check on transfer hoses	Each operation	13.11.1
Electrical bonding checked portable tank cleaning hoses	3 Months	13.11/11.8
Pressure testing of transfer hoses	12 Months	4.28
Pressure testing of cargo Ballast and bunker piping	12 Months	4.29.2
Pressure testing of heating coils	6 Month	7.5
Pressure testing of cargo lines to working pressure	Year to each discharge	11.9
Air pressure testing of sea and overboard valve	Each operation	3.25/4.29.1
Pump trips and emergency shutdowns	Each voyage	4.14/8.8.6
Cargo and ballast pump safety devices	Each voyage	13.10
Function testing and pressure testing of cargo valves	6 Month	4.29
Test of pump room bilge alarm	weekly	13.8
Test of cargo and ballast tank high level alarm and sirens	Each operation	13.14
Inspection and examination of cargo, ballast and void spaces	6 Month	13.14
Run of test condition of loading computer	3 Month	13.2
Overhaul and de carbonization of p/v valves	6 Month	13.3
Inspection of flames screens within cargo systems	3 Month	13.4
Deck Seals	12 Month	13.5/9.1
Opening up and cleaning of Cargo Pump Strainers	6 Month	13.10
Opening up and cleaning of stripping Pump Strainers	Each operation	13.10
Opening up and cleaning of ballast Pump Strainers	12 Month	13.10
Check of tank cleaning machines	3 Month	13.12
Calibration check on portable Gas measuring equipment	2 Month	13.13
Calibration check on fixed gas measuring equipment	2 Month	13.13
Calibration check on pressure gauges	12 Month	13.14
Calibration check on test run of O.D.M	Monthly	13.7
Calibration check of hermetic temperature function	Each operation	13.18
Annual independent calibration of hermetic gauges	12 Month	13.18
Mooring winch brake testing	12 Month	

DATE : 30 SEPT 2006  
PREPARED BY : CHIEF OFFICER

Gambar 5 : Check List PMS (Planned Maintenance System)



Gambar 6 : Ullage Gauge MT. DURGANDINI