Marine Insight
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External Survey and Running Test
- Diesel Engine

Vessel: _____

Vessel Code: _____

Group and Mach. No.: _____

Class Item Code: _____

Report Serial No.: _____

Machinery: _____

Latest major overhaul date:	Total running hours:	Running hours since overhaul:	0
Latest 1000h check date:	Total running hours:	Running hours since 1000hr check:	0
Running test date:	Total running hours:		

| Verified by: | Place: | Date: |
| Surveyed by: | Place: | Date: |

Engine is prime mover for:

Transmission in Order:

Revolution (RPM):

Power (kW):   Percent of Maximum Load:

Vibrations (normal, high, dB or mm/sec)

Cooling Water Inlet Temp.(^{o}C)

Cylinder Number	Maximum Pressure	Compression Pressure	Fuel Pump Index	Exhaust Temperature	Cooling Water Outlet Temperature
	(Bar)	(Bar)		(^{o}C)	(^{o}C)

Remarks

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Fuel consumption			kg/24
Fuel density at 15 °C			kg/m³
Fuel viscosity at engine			cSt
Fuel pressure at engine			Bar

Lubrication oil clean and free from water:

Lub. oil pressure		Bar
Lub. oil temp. before cooler		°C
Lub. oil temp. after cooler		°C
Lub. oil pressure drop over filter		Bar
Lub. oil sample ashore for test	Place:	Date:

	Charger no. 1		Charger no. 2		
Turbo-charger revolution		RPM			RPM
Exhaust temp. after turbine		°C			°C
Exhaust press. after turbine		mmW			mmW
Engine room temperature		°C			°C
Scav. air temp. after compressor		°C			°C
Scav. air press. after compressor		Bar			Bar
Scav. air temp. drop over cooler		°C			°C
Scav. air press. drop over cooler		mmW			mmW
Pressure drop over air filter		mmW			mmW

Shut down functions tested and function in order:
Cooling water temp: Lub. oil press: Overspeed: Vibration:

Alarm functions tested and function in order:
Cooling water temp: Lub. oil press.:   Lub. oil: Lub. oil filter diff.:

Remarks

Chief Engineer: _____   _____

Signature (Chief Engineer)