

Pantropic Power TA1 Marine Engine Inspection Form

TA1

● 0 ● 1 ● 38 ● 0

Inspection Number	21432898	Customer No	4028411
Serial Number	RPM01142	Customer Name	Blaine Watson
Make	CATERPILLAR	Customer Phone	4432546614
Model	C32	Customer Email	melinda_mercado@pantropic.com
Equipment Family	ENGINE - MARINE	Work Order	SC142299
SMU	138 Hours	Completed On	2/27/2025 3:36:50 PM
Location	1601 SW 20th St, Fort Lauderdale, FL	Inspector	Alex Seda, Fernando Guedez
Coordinates	3.83005110699999, 26.0979865468754, -80.1636130011835	PDF Generated On	2/27/2025
Technician			

General Info & Comments

● **General info/Comments** NORMAL

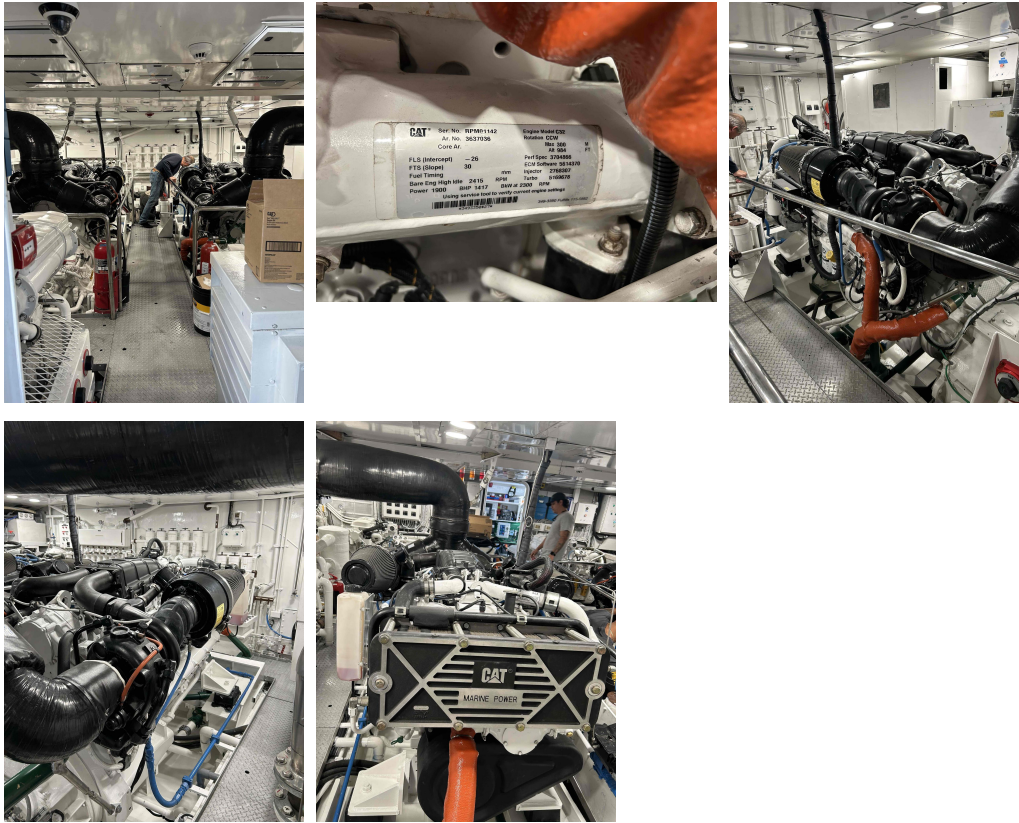
Comments: EPE Inspection



Prepare Marine Engine for Inspection

● 1.1 Prepare Marine Engine For Inspection

NORMAL



● 1.2 Product Status Report (ET Download). Perform cylinder cut-out test.

NORMAL

Comments: Took engine PSR
Completed cylinder cutout test

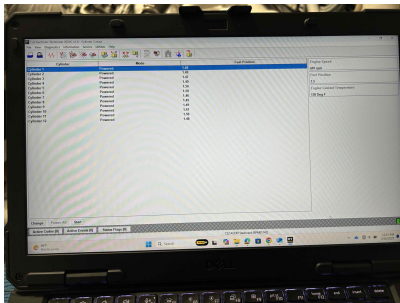


Image Comment(s):@600 RPM

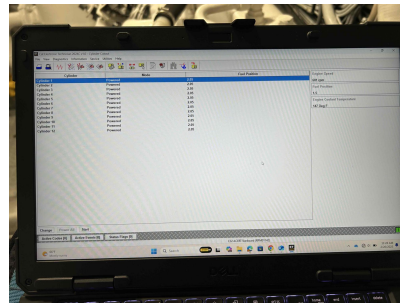


Image Comment(s):@1200 RPM

● 1.3 Observe engine exhaust colors and sheen on water.

PERFORMED

Comments: No smoke present



● **1.4 Listen for unusual noises (engine & driven equipment).**

PERFORMED

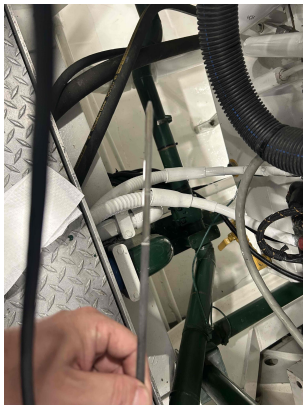
Comments: No unusual noise presents

Basic Engine - Inspection

● **2.1 Engine Oil Level**

NORMAL

Comments: -Normal



● **2.2 Collect Oil Sample for Analysis**

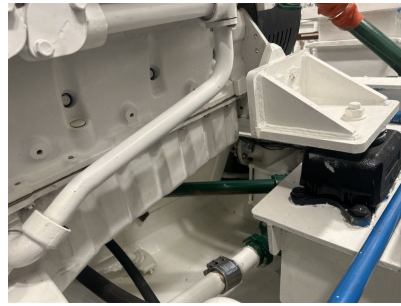
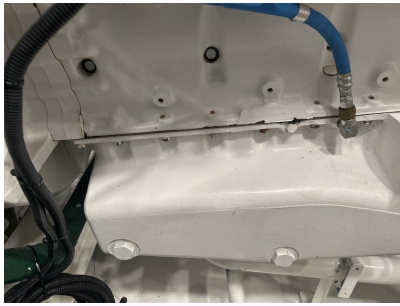
PERFORMED



● **2.3 Engine Oil Pan**

NORMAL

Comments: -No leaks



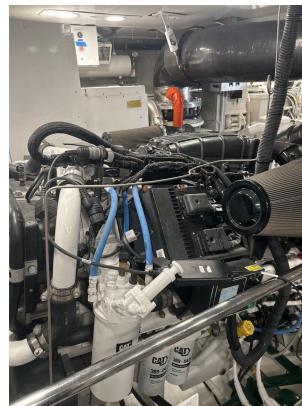
● 2.4 Inspect Indicators & Gauges (Panel)

NORMAL



● 2.5 Inspect Engine Wiring & Harness

NORMAL





● 2.6 Pulleys, Belts, Compressor, Clutch and Alternator

NORMAL

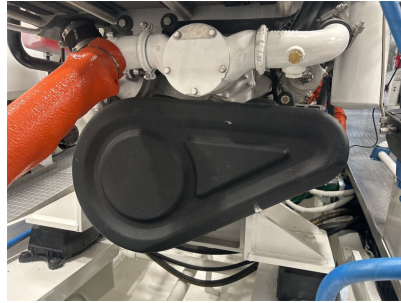
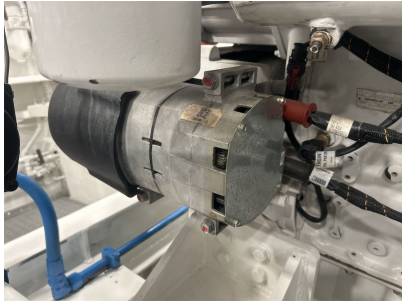
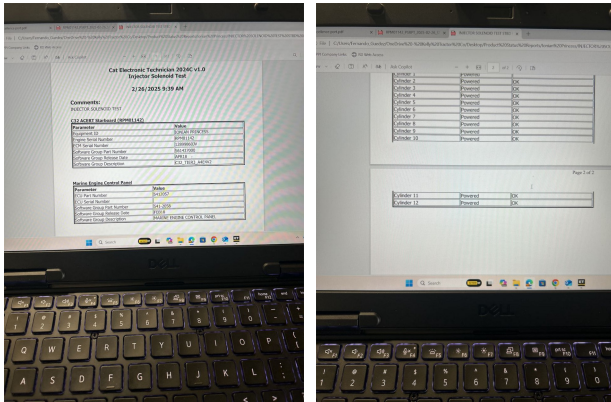


Image Comment(s): Alternator good condition Image Comment(s): Belt and guard in good condition

● 2.7 Injectors

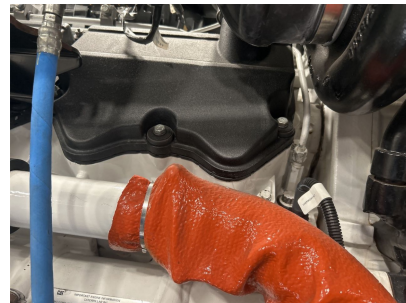
NORMAL

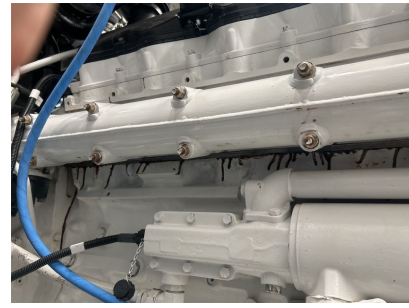


● 2.8 Cylinder Head(s) & Valve Cover(s)

NORMAL

Comments: No leaks

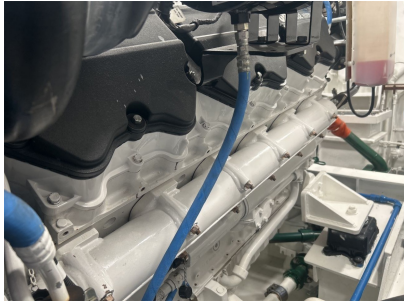




● 2.9 Rocker Boxes

NORMAL

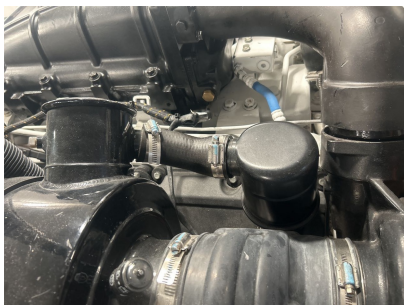
Comments: No leaks



● 2.10 Crankcase Breathers and Piping

NORMAL

Comments: No leaks



● 2.11 Engine Mounts, Isolators, Supports & Rails

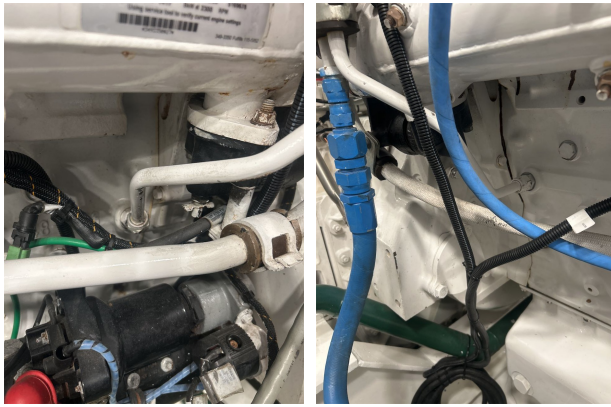
NORMAL



● 2.12 Flywheel Housing

NORMAL

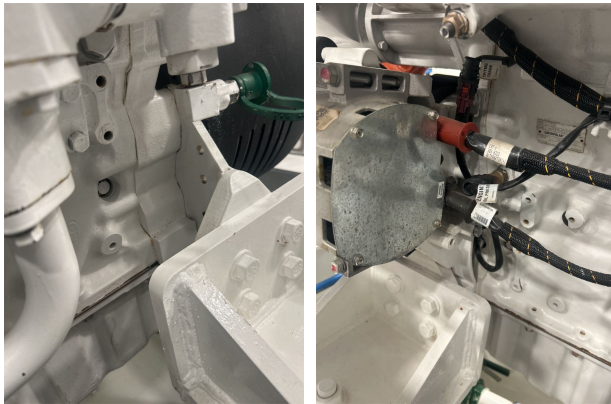
Comments: No leaks



● 2.13 Front Housing & Covers

NORMAL

Comments: No leaks



Cooling System - Inspection

● 3.1 Engine Coolant

NORMAL

Comments: Ok



● 3.2 Collect Coolant Sample for Analysis

PERFORMED

Comments: Took it and send it to lab



● **3.3 Water Pump / Circulation Pump**

NORMAL

Comments: No leaks



Image Comment(s):Coolant pump



Image Comment(s):Sea water pump

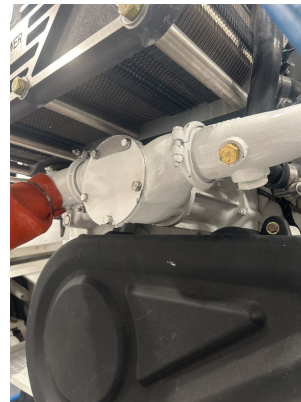


Image Comment(s):Sea water pump

● **3.4 Radiator / Heat Exchanger Cap**

NORMAL

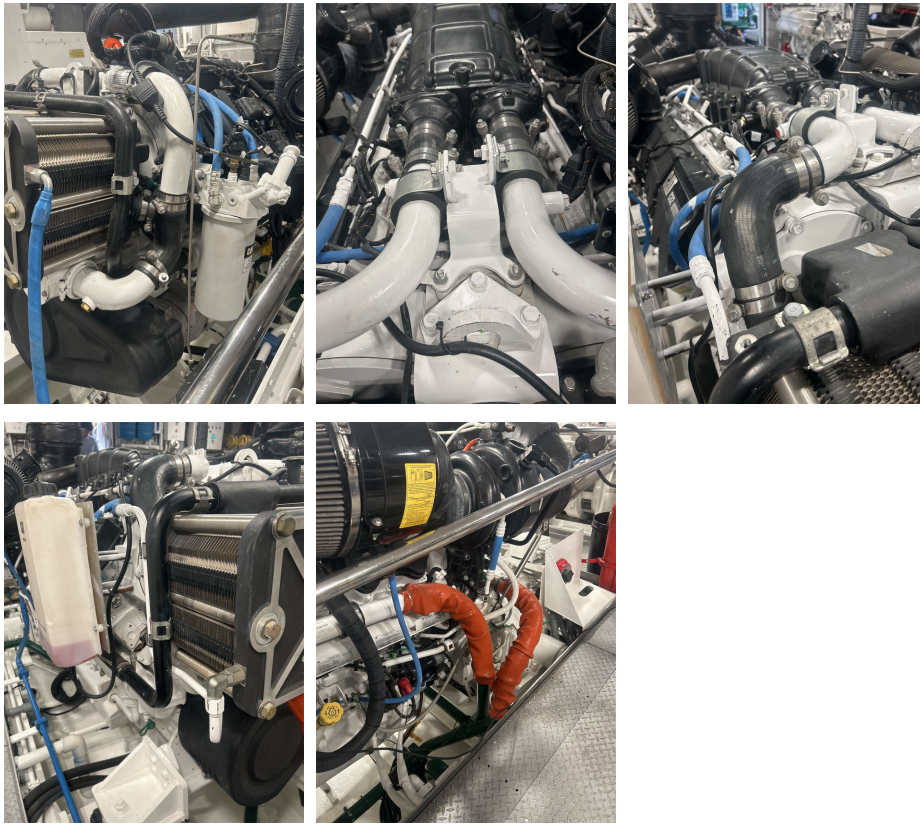
Comments: No leaks



● **3.5 Water Hoses / Lines**

NORMAL

Comments: Good conditions



● **3.6 Belt Guards**

NORMAL

Comments: Good condition

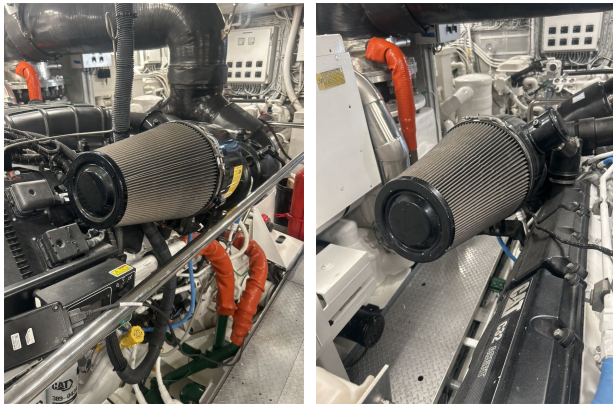


Air Inlet and Exhaust System Inspection

● **4.1 Air Cleaner and Precleaner**

MONITOR

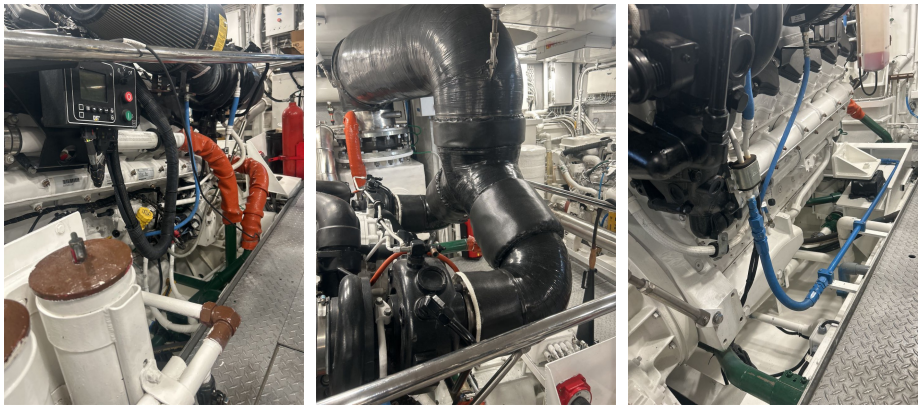
Comments: They need to be lubricated



● 4.2 Air & Exhaust Lines

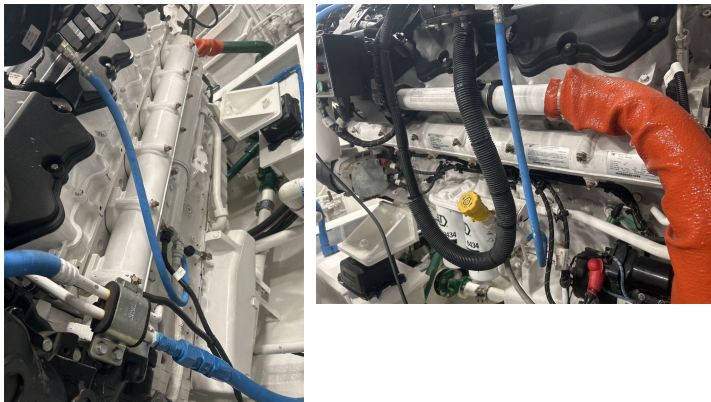
NORMAL

Comments: Good condition



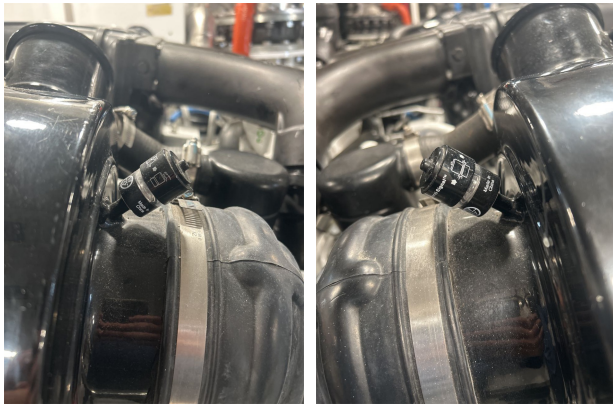
● 4.3 Exhaust Manifolds and Studs

NORMAL



● 4.4 Air Restriction Indicator

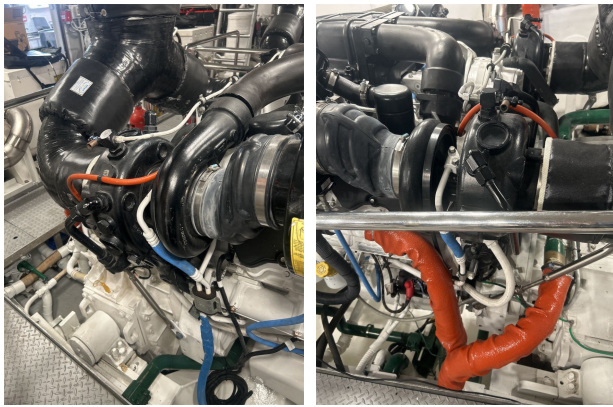
NORMAL



● 4.5 Turbocharger(s)

NORMAL

Comments: No leaks



● 4.6 Aftercooler Housing(s) & Core(s)

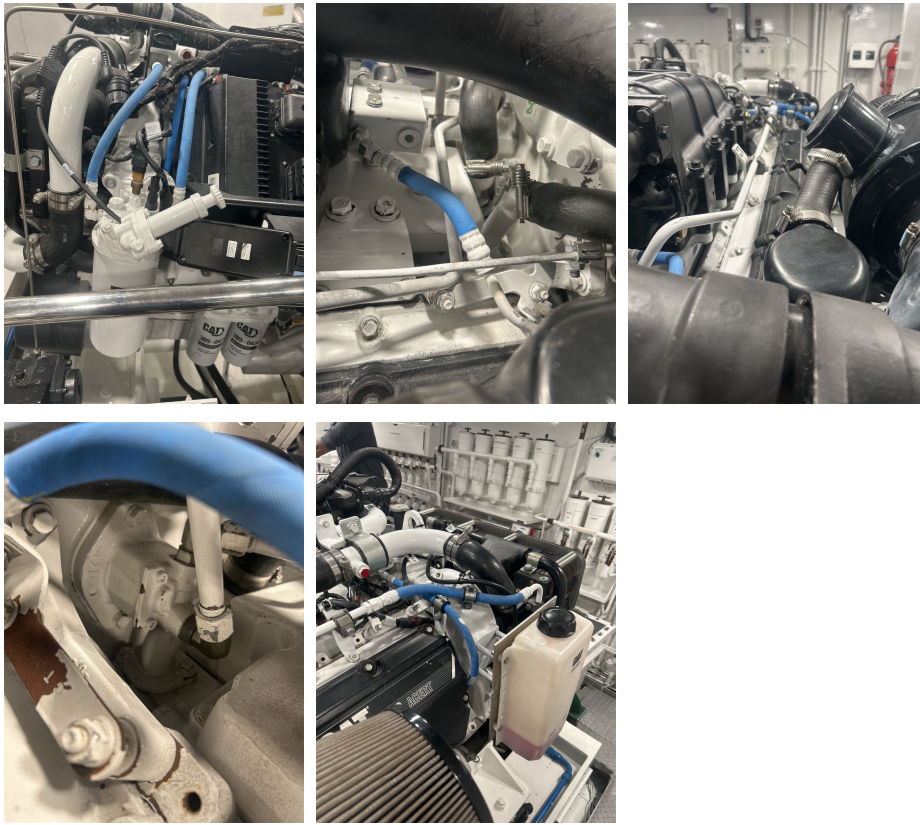
NORMAL



Fuel System Inspection

● 5.1 Fuel Lines, Fuel Pump and Fuel Filter Base

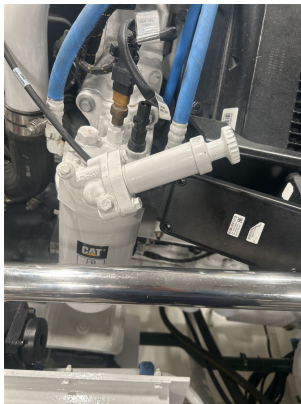
NORMAL



● **5.2 Fuel Priming Pump**

NORMAL

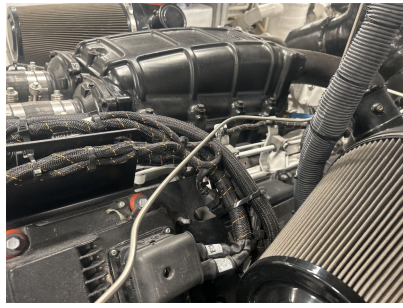
Comments: Good condition



● **5.3 Fuel Injection Lines / Retainers**

NORMAL

Comments: Good condition



● 5.4 Water Separator(s)

NORMAL



Site Conditions

● 6.1 Ambient Temperature

NORMAL

Comments: Normal

● 6.2 Humidity

NORMAL

Comments: Normal

● 6.3 Air Quality

NORMAL

Comments: Normal

● 6.4 Equipment Role

NORMAL

Comments: Pleasure craft

● 6.5 Maintenance Practices

NORMAL

Comments: Under Cat spec