**Engine Log**

{generatedDate}, 0001 - 0400

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| RECORDS |

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| **Fuel Oil** | | | |  | **Noon Total** | | | |
| **Remaining** | {#0}{fuelOilRemaining}{/0} | litre | |  | **Hours Under Weight** | | {#0}{noonTotalHoursUnderWeigh}{/0} | hrs |
| **Received** | {#0}{fuelOilReceived}{/0} | litre | |  | **Hours Propelling** | | {#0}{noonTotalHoursPropelling}{/0} | hrs |
| **Balance** | {#0}{fuelOilBalance}{/0} | litre | |  | **Revolution On Counter** | | {#0}{noonTotalRevolutionOnCounter}{/0} | nautical miles |
| **Total** | {#0}{fuelOilTotal}{/0} | litre | |  | **Distance Run Log** | | {#0}{noonTotalDistanceRunLog}{/0} | nautical miles |
|  | | | |  | **Distance Run O.G** | | {#0}{noonTotalDistanceRunOG}{/0} |  |
| **Lub Oil** | | | |  | **Distance Run Prop.** | | {#0}{noonTotalDistanceRunProp}{/0} |  |
| **Cylinder** | {#0}{cylinderLubOil}{/0} |  | |  | **Speed** | | {#0}{noonTotalSpeed}{/0} |  |
| **Bearing** | {#0}{bearingLubOil}{/0} |  | |  | **Ship** | | {#0}{noonTotalShip}{/0} |  |
|  |  | | |  | **Time Correction** | | {#0}{noonTotalTimeCorrection}{/0} |  |
| **FO Addition** | {#0}{FOaddition}{/0} | |  |  | **RPM** | | {#0}{noonTotalRPM}{/0} | R.P.M |
| **Boiler Water** | {#0}{boilerWater}{/0} | |  |  |  |  | |  |
|  |  |  | |  |  |  | |  |
| **Main Engine Total FO Consumption** | {#0}{mainEngineTotalFOConsumption}{/0} | litre | |  |  |  | |  |
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| GENERAL |

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| **Departure Port** | {#0}{departurePort}{/0} |  | **Watch** | {#0}{watch}{/0} |
| **Departure Time** | {#0}{departureTime}{/0} |  | **Handle Notch** | {#0}{handleNotch}{/0} |
| **Arrival Port** | {#0}{arrivalPort}{/0} |  | **Distance Run** | {#0}{distanceRun}{/0} |
| **Arrival Time** | {#0}{arrivalTime}{/0} |  | **Wind Force** | {#0}{windForce}{/0} |
| **Departure Draft – Fwd** | {#0}{departureDraftFwd}{/0} |  | **Wind Direction** | {#0}{windDirection}{/0} |
| **Departure Draft – Aft** | {#0}{departureDraftAft}{/0} |  | **Weather** | {#0}{weather}{/0} |
| **Arrival Draft – Fwd** | {#0}{arrivalDraftFwd}{/0} |  | **Sea of State** | {#0}{seaState}{/0} |
| **Arrival Draft – Aft** | {#0}{arrivalDraftAFt}{/0} |  | **Remarks** | {#0}{remarks}{/0} |

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| TANK |

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| **Main Engine Service** | | |  |  |  | |
| **FO Tank P Level** | {#0}{mainEngineServiceFOTankPLevel}{/0} | m |  |  |  | |
| **FO Tank S Level** | {#0}{mainEngineServiceFOTankSLevel}{/0} | m |  |  |  | |
|  |  | |  |  |  | |
| **FO Tank Condition** | | |  |  |  | |
| **FO Tank P Condition** | {#0}{FOTankPCondition}{/0} | |  |  |  | |
| **FO Tank S Condition** | {#0}{FOTankSCondition}{/0} | |  |  |  | |
|  |  | |  |  |  |  |
| **L.O Drain Tank** | | |  |  |  |  |
| **L.O Drain Tank** | {#0}{loDrainTank}{/0} | |  |  |  |  |

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| TEST RESULT |

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| **Lub Oil** | | |  | **Boiler Water** | |
| **Flash Point** | {#0}{lubOilFlashPoint}{/0} |  |  | **Salinity** | {#0}{boilerWaterSalinity}{/0} |
| **Viscosity** | {#0}{lubOilViscosity}{/0} | CSt’ at 40 degC |  | **Alkalinity** | {#0}{boilerWaterAlkanlinity}{/0} |
| **Total Base No.** | {#0}{lubOilTotalBaseNo}{/0} |  |  | **P.H.** | {#0}{boilerWaterPH}{/0} |
| **Insoluble Matter** | {#0}{lubOilInsolubleMatter}{/0} | wt % |  | **Phosphate** | {#0}{boilerWaterPhosphate}{/0} |
| **Water Content** | {#0}{lubOilWaterContent}{/0} | vol% |  |  |  |

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| GENERATOR 1 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#0}{#alternator1}{workingHours}{/alternator1}{/0} | hrs |  | **LO no. (lowest)** | {#0}{#mainEngine1}{turboChargerLONoLowest}{/mainEngine1}{/0} |  |
| **Dynamo No. 1 Amp** | {#0}{#alternator1}{amp}{/alternator1}{/0} | Amp |  | **LO no. (highest)** | {#0}{#mainEngine1}{turboChargerLONoHighest}{/mainEngine1}{/0} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#0}{#alternator1}{scavengeAirPressure}{/alternator1}{/0} | bar |  | **Air Cooler Outlet Temperature** | {#0}{#mainEngine1}{turboChargerAirCoolerOutletTemperature}{/mainEngine1}{/0} | °C |
| **Dynamo No. 1 LO Pressure** | {#0}{#alternator1}{loPressure}{/alternator1}{/0} | bar |  | **LO Lowest Temperature** | {#0}{#mainEngine1}{turboChargerLOLowestTemperature}{/mainEngine1}{/0} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#0}{#alternator1}{jacketCoolPressure}{/alternator1}{/0} | bar |  | **LO Highest Temperature** | {#0}{#mainEngine1}{turboChargerLOHighestTemperature}{/mainEngine1}{/0} | °C |
|  | | |  | **LO Pressure** | {#0}{#mainEngine1}{turboChargerLoPressure}{/mainEngine1}{/0} | bar |
| **Scavenge Air Pressure** | {#0}{#mainEngine1}{scavengeAirPressure}{/mainEngine1}{/0} | bar |  | **Exhaust Gas Inlet Temperature** | {#0}{#mainEngine1}{turboChargerExhaustGasInletTemperature}{/mainEngine1}{/0} | °C |
| **Bearing Oil Pressure** | {#0}{#mainEngine1}{bearingOilPressure}{/mainEngine1}{/0} | bar |  | **Exhaust Gas Outlet Temperature** | {#0}{#mainEngine1}{turboChargerExhaustGasOutletTemperature}{/mainEngine1}{/0} | °C |
| **Ambient Temperature** | {#0}{#mainEngine1}{ambientTemperature}{/mainEngine1}{/0} | °C |  | **RPM** | {#0}{#mainEngine1}{turboChargerRPM}{/mainEngine1}{/0} | R.P.M |
| **Thrust Bearing Temperature Data** | {#0}{#mainEngine1}{thrustBearingTemperature}{/mainEngine1}{/0} | °C |  |  |  |  |
| **(Engine) RPM** | {#0}{#mainEngine1}{rpm}{/mainEngine1}{/0} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#0}{#mainEngine1}{pistonCoolingPressure}{/mainEngine1}{/0} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#0}{#mainEngine1}{pistonCoolingOutletNoLowest}{/mainEngine1}{/0} |  |
| **Pressure** | {#0}{#mainEngine1}{coolingSWPressure}{/mainEngine1}{/0} | bar |  | **Outlet No. (Highest)** | {#0}{#mainEngine1}{pistonCoolingOutletNoHighest}{/mainEngine1}{/0} |  |
| **Temperature** | {#0}{#mainEngine1}{SWTemperature}{/mainEngine1}{/0} | °C |  | **Inlet Temperature** | {#0}{#mainEngine1}{pistonCoolingInletTemperature}{/mainEngine1}{/0} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#0}{#mainEngine1}{pistonCoolingOutletLowestTemperature}{/mainEngine1}{/0} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#0}{#mainEngine1}{pistonCoolingOutletHighestTemperature}{/mainEngine1}{/0} | °C |
| **Cylinder 01A** | {#0}{#mainEngine1}{cylinder1AExhaustGasTemperature}{/mainEngine1}{/0} | °C |  |  | | |
| **Cylinder 02A** | {#0}{#mainEngine1}{cylinder2AExhaustGasTemperature}{/mainEngine1}{/0} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#0}{#mainEngine1}{cylinder3AExhaustGasTemperature}{/mainEngine1}{/0} | °C |  | **Inlet Temperature** | {#0}{#mainEngine1}{jacketCoolingInletTemperature}{/mainEngine1}{/0} | bar |
| **Cylinder 04A** | {#0}{#mainEngine1}{cylinder4AExhaustGasTemperature}{/mainEngine1}{/0} | °C |  | **Outlet No. (Lowest)** | {#0}{#mainEngine1}{jacketCoolingOutletNoLowest}{/mainEngine1}{/0} |  |
| **Cylinder 05A** | {#0}{#mainEngine1}{cylinder5AExhaustGasTemperature}{/mainEngine1}{/0} | °C |  | **Outlet No. (Highest)** | {#0}{#mainEngine1}{jacketCoolingOutletNoHighest}{/mainEngine1}{/0} | °C |
| **Cylinder 06A** | {#0}{#mainEngine1}{cylinder6AExhaustGasTemperature}{/mainEngine1}{/0} | °C |  | **Outlet Lowest Temperature** | {#0}{#mainEngine1}{jacketCoolingOutletLowestTemperature}{/mainEngine1}{/0} | °C |
|  | | |  | **Outlet Highest Temperature** | {#0}{#mainEngine1}{jacketCoolingOutletHighestTemperature}{/mainEngine1}{/0} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#0}{#mainEngine1}{cylinder1APressure}{/mainEngine1}{/0} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#0}{#mainEngine1}{cylinder2APressure}{/mainEngine1}{/0} | bar |  | **LO Cooler Inlet Temperature Data** | {#0}{#mainEngine1}{LOCoolerInletTemperature}{/mainEngine1}{/0} | °C |
| **Cylinder 03A** | {#0}{#mainEngine1}{cylinder3APressure}{/mainEngine1}{/0} | bar |  | **LO Cooler Outlet Temperature Data** | {#0}{#mainEngine1}{LOCoolerOutletTemperature}{/mainEngine1}{/0} | °C |
| **Cylinder 04A** | {#0}{#mainEngine1}{cylinder4APressure}{/mainEngine1}{/0} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#0}{#mainEngine1}{dynamoLOCoolerInletTemperature}{/mainEngine1}{/0} | °C |
| **Cylinder 05A** | {#0}{#mainEngine1}{cylinder5APressure}{/mainEngine1}{/0} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#0}{#mainEngine1}{dynamoLOCoolerOutletTemperature}{/mainEngine1}{/0} | °C |
| **Cylinder 06A** | {#0}{#mainEngine1}{cylinder6APressure}{/mainEngine1}{/0} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#0}{#mainEngine1}{FOPressure}{/mainEngine1}{/0} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#0}{#mainEngine1}{FOHeaterOutletTemperature}{/mainEngine1}{/0} | bar |

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| GENERATOR 2 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#0}{#alternator2}{workingHours}{/alternator2}{/0} | hrs |  | **LO no. (lowest)** | {#0}{#mainEngine2}{turboChargerLONoLowest}{/mainEngine2}{/0} |  |
| **Dynamo No. 1 Amp** | {#0}{#alternator2}{amp}{/alternator2}{/0} | Amp |  | **LO no. (highest)** | {#0}{#mainEngine2}{turboChargerLONoHighest}{/mainEngine2}{/0} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#0}{#alternator2}{scavengeAirPressure}{/alternator2}{/0} | bar |  | **Air Cooler Outlet Temperature** | {#0}{#mainEngine2}{turboChargerAirCoolerOutletTemperature}{/mainEngine2}{/0} | °C |
| **Dynamo No. 1 LO Pressure** | {#0}{#alternator2}{loPressure}{/alternator2}{/0} | bar |  | **LO Lowest Temperature** | {#0}{#mainEngine2}{turboChargerLOLowestTemperature}{/mainEngine2}{/0} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#0}{#alternator2}{jacketCoolPressure}{/alternator2}{/0} | bar |  | **LO Highest Temperature** | {#0}{#mainEngine2}{turboChargerLOHighestTemperature}{/mainEngine2}{/0} | °C |
|  | | |  | **LO Pressure** | {#0}{#mainEngine2}{turboChargerLoPressure}{/mainEngine2}{/0} | bar |
| **Scavenge Air Pressure** | {#0}{#mainEngine2}{scavengeAirPressure}{/mainEngine2}{/0} | bar |  | **Exhaust Gas Inlet Temperature** | {#0}{#mainEngine2}{turboChargerExhaustGasInletTemperature}{/mainEngine2}{/0} | °C |
| **Bearing Oil Pressure** | {#0}{#mainEngine2}{bearingOilPressure}{/mainEngine2}{/0} | bar |  | **Exhaust Gas Outlet Temperature** | {#0}{#mainEngine2}{turboChargerExhaustGasOutletTemperature}{/mainEngine2}{/0} | °C |
| **Ambient Temperature** | {#0}{#mainEngine2}{ambientTemperature}{/mainEngine2}{/0} | °C |  | **RPM** | {#0}{#mainEngine2}{turboChargerRPM}{/mainEngine2}{/0} | R.P.M |
| **Thrust Bearing Temperature Data** | {#0}{#mainEngine2}{thrustBearingTemperature}{/mainEngine2}{/0} | °C |  |  |  |  |
| **(Engine) RPM** | {#0}{#mainEngine2}{rpm}{/mainEngine2}{/0} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#0}{#mainEngine2}{pistonCoolingPressure}{/mainEngine2}{/0} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#0}{#mainEngine2}{pistonCoolingOutletNoLowest}{/mainEngine2}{/0} |  |
| **Pressure** | {#0}{#mainEngine2}{coolingSWPressure}{/mainEngine2}{/0} | bar |  | **Outlet No. (Highest)** | {#0}{#mainEngine2}{pistonCoolingOutletNoHighest}{/mainEngine2}{/0} |  |
| **Temperature** | {#0}{#mainEngine2}{SWTemperature}{/mainEngine2}{/0} | °C |  | **Inlet Temperature** | {#0}{#mainEngine2}{pistonCoolingInletTemperature}{/mainEngine2}{/0} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#0}{#mainEngine2}{pistonCoolingOutletLowestTemperature}{/mainEngine2}{/0} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#0}{#mainEngine2}{pistonCoolingOutletHighestTemperature}{/mainEngine2}{/0} | °C |
| **Cylinder 01A** | {#0}{#mainEngine2}{cylinder1AExhaustGasTemperature}{/mainEngine2}{/0} | °C |  |  | | |
| **Cylinder 02A** | {#0}{#mainEngine2}{cylinder2AExhaustGasTemperature}{/mainEngine2}{/0} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#0}{#mainEngine2}{cylinder3AExhaustGasTemperature}{/mainEngine2}{/0} | °C |  | **Inlet Temperature** | {#0}{#mainEngine2}{jacketCoolingInletTemperature}{/mainEngine2}{/0} | bar |
| **Cylinder 04A** | {#0}{#mainEngine2}{cylinder4AExhaustGasTemperature}{/mainEngine2}{/0} | °C |  | **Outlet No. (Lowest)** | {#0}{#mainEngine2}{jacketCoolingOutletNoLowest}{/mainEngine2}{/0} |  |
| **Cylinder 05A** | {#0}{#mainEngine2}{cylinder5AExhaustGasTemperature}{/mainEngine2}{/0} | °C |  | **Outlet No. (Highest)** | {#0}{#mainEngine2}{jacketCoolingOutletNoHighest}{/mainEngine2}{/0} | °C |
| **Cylinder 06A** | {#0}{#mainEngine2}{cylinder6AExhaustGasTemperature}{/mainEngine2}{/0} | °C |  | **Outlet Lowest Temperature** | {#0}{#mainEngine2}{jacketCoolingOutletLowestTemperature}{/mainEngine2}{/0} | °C |
|  | | |  | **Outlet Highest Temperature** | {#0}{#mainEngine2}{jacketCoolingOutletHighestTemperature}{/mainEngine2}{/0} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#0}{#mainEngine2}{cylinder1APressure}{/mainEngine2}{/0} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#0}{#mainEngine2}{cylinder2APressure}{/mainEngine2}{/0} | bar |  | **LO Cooler Inlet Temperature Data** | {#0}{#mainEngine2}{LOCoolerInletTemperature}{/mainEngine2}{/0} | °C |
| **Cylinder 03A** | {#0}{#mainEngine2}{cylinder3APressure}{/mainEngine2}{/0} | bar |  | **LO Cooler Outlet Temperature Data** | {#0}{#mainEngine2}{LOCoolerOutletTemperature}{/mainEngine2}{/0} | °C |
| **Cylinder 04A** | {#0}{#mainEngine2}{cylinder4APressure}{/mainEngine2}{/0} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#0}{#mainEngine2}{dynamoLOCoolerInletTemperature}{/mainEngine2}{/0} | °C |
| **Cylinder 05A** | {#0}{#mainEngine2}{cylinder5APressure}{/mainEngine2}{/0} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#0}{#mainEngine2}{dynamoLOCoolerOutletTemperature}{/mainEngine2}{/0} | °C |
| **Cylinder 06A** | {#0}{#mainEngine2}{cylinder6APressure}{/mainEngine2}{/0} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#0}{#mainEngine2}{FOPressure}{/mainEngine2}{/0} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#0}{#mainEngine2}{FOHeaterOutletTemperature}{/mainEngine2}{/0} | bar |

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| GENERATOR 3 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#0}{#alternator3}{workingHours}{/alternator3}{/0} | hrs |  | **LO no. (lowest)** | {#0}{#mainEngine3}{turboChargerLONoLowest}{/mainEngine3}{/0} |  |
| **Dynamo No. 1 Amp** | {#0}{#alternator3}{amp}{/alternator3}{/0} | Amp |  | **LO no. (highest)** | {#0}{#mainEngine3}{turboChargerLONoHighest}{/mainEngine3}{/0} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#0}{#alternator3}{scavengeAirPressure}{/alternator3}{/0} | bar |  | **Air Cooler Outlet Temperature** | {#0}{#mainEngine3}{turboChargerAirCoolerOutletTemperature}{/mainEngine3}{/0} | °C |
| **Dynamo No. 1 LO Pressure** | {#0}{#alternator3}{loPressure}{/alternator3}{/0} | bar |  | **LO Lowest Temperature** | {#0}{#mainEngine3}{turboChargerLOLowestTemperature}{/mainEngine3}{/0} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#0}{#alternator3}{jacketCoolPressure}{/alternator3}{/0} | bar |  | **LO Highest Temperature** | {#0}{#mainEngine3}{turboChargerLOHighestTemperature}{/mainEngine3}{/0} | °C |
|  | | |  | **LO Pressure** | {#0}{#mainEngine3}{turboChargerLoPressure}{/mainEngine3}{/0} | bar |
| **Scavenge Air Pressure** | {#0}{#mainEngine3}{scavengeAirPressure}{/mainEngine3}{/0} | bar |  | **Exhaust Gas Inlet Temperature** | {#0}{#mainEngine3}{turboChargerExhaustGasInletTemperature}{/mainEngine3}{/0} | °C |
| **Bearing Oil Pressure** | {#0}{#mainEngine3}{bearingOilPressure}{/mainEngine3}{/0} | bar |  | **Exhaust Gas Outlet Temperature** | {#0}{#mainEngine3}{turboChargerExhaustGasOutletTemperature}{/mainEngine3}{/0} | °C |
| **Ambient Temperature** | {#0}{#mainEngine3}{ambientTemperature}{/mainEngine3}{/0} | °C |  | **RPM** | {#0}{#mainEngine3}{turboChargerRPM}{/mainEngine3}{/0} | R.P.M |
| **Thrust Bearing Temperature Data** | {#0}{#mainEngine3}{thrustBearingTemperature}{/mainEngine3}{/0} | °C |  |  |  |  |
| **(Engine) RPM** | {#0}{#mainEngine3}{rpm}{/mainEngine3}{/0} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#0}{#mainEngine3}{pistonCoolingPressure}{/mainEngine3}{/0} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#0}{#mainEngine3}{pistonCoolingOutletNoLowest}{/mainEngine3}{/0} |  |
| **Pressure** | {#0}{#mainEngine3}{coolingSWPressure}{/mainEngine3}{/0} | bar |  | **Outlet No. (Highest)** | {#0}{#mainEngine3}{pistonCoolingOutletNoHighest}{/mainEngine3}{/0} |  |
| **Temperature** | {#0}{#mainEngine3}{SWTemperature}{/mainEngine3}{/0} | °C |  | **Inlet Temperature** | {#0}{#mainEngine3}{pistonCoolingInletTemperature}{/mainEngine3}{/0} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#0}{#mainEngine3}{pistonCoolingOutletLowestTemperature}{/mainEngine3}{/0} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#0}{#mainEngine3}{pistonCoolingOutletHighestTemperature}{/mainEngine3}{/0} | °C |
| **Cylinder 01A** | {#0}{#mainEngine3}{cylinder1AExhaustGasTemperature}{/mainEngine3}{/0} | °C |  |  | | |
| **Cylinder 02A** | {#0}{#mainEngine3}{cylinder2AExhaustGasTemperature}{/mainEngine3}{/0} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#0}{#mainEngine3}{cylinder3AExhaustGasTemperature}{/mainEngine3}{/0} | °C |  | **Inlet Temperature** | {#0}{#mainEngine3}{jacketCoolingInletTemperature}{/mainEngine3}{/0} | bar |
| **Cylinder 04A** | {#0}{#mainEngine3}{cylinder4AExhaustGasTemperature}{/mainEngine3}{/0} | °C |  | **Outlet No. (Lowest)** | {#0}{#mainEngine3}{jacketCoolingOutletNoLowest}{/mainEngine3}{/0} |  |
| **Cylinder 05A** | {#0}{#mainEngine3}{cylinder5AExhaustGasTemperature}{/mainEngine3}{/0} | °C |  | **Outlet No. (Highest)** | {#0}{#mainEngine3}{jacketCoolingOutletNoHighest}{/mainEngine3}{/0} | °C |
| **Cylinder 06A** | {#0}{#mainEngine3}{cylinder6AExhaustGasTemperature}{/mainEngine3}{/0} | °C |  | **Outlet Lowest Temperature** | {#0}{#mainEngine3}{jacketCoolingOutletLowestTemperature}{/mainEngine3}{/0} | °C |
|  | | |  | **Outlet Highest Temperature** | {#0}{#mainEngine3}{jacketCoolingOutletHighestTemperature}{/mainEngine3}{/0} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#0}{#mainEngine3}{cylinder1APressure}{/mainEngine3}{/0} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#0}{#mainEngine3}{cylinder2APressure}{/mainEngine3}{/0} | bar |  | **LO Cooler Inlet Temperature Data** | {#0}{#mainEngine3}{LOCoolerInletTemperature}{/mainEngine3}{/0} | °C |
| **Cylinder 03A** | {#0}{#mainEngine3}{cylinder3APressure}{/mainEngine3}{/0} | bar |  | **LO Cooler Outlet Temperature Data** | {#0}{#mainEngine3}{LOCoolerOutletTemperature}{/mainEngine3}{/0} | °C |
| **Cylinder 04A** | {#0}{#mainEngine3}{cylinder4APressure}{/mainEngine3}{/0} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#0}{#mainEngine3}{dynamoLOCoolerInletTemperature}{/mainEngine3}{/0} | °C |
| **Cylinder 05A** | {#0}{#mainEngine3}{cylinder5APressure}{/mainEngine3}{/0} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#0}{#mainEngine3}{dynamoLOCoolerOutletTemperature}{/mainEngine3}{/0} | °C |
| **Cylinder 06A** | {#0}{#mainEngine3}{cylinder6APressure}{/mainEngine3}{/0} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#0}{#mainEngine3}{FOPressure}{/mainEngine3}{/0} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#0}{#mainEngine3}{FOHeaterOutletTemperature}{/mainEngine3}{/0} | bar |

**Engine Log**

{generatedDate}, 0401 - 0800

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| RECORDS |

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| **Fuel Oil** | | | |  | **Noon Total** | | | |
| **Remaining** | {#1}{fuelOilRemaining}{/1} | litre | |  | **Hours Under Weight** | | {#1}{noonTotalHoursUnderWeigh}{/1} | hrs |
| **Received** | {#1}{fuelOilReceived}{/1} | litre | |  | **Hours Propelling** | | {#1}{noonTotalHoursPropelling}{/1} | hrs |
| **Balance** | {#1}{fuelOilBalance}{/1} | litre | |  | **Revolution On Counter** | | {#1}{noonTotalRevolutionOnCounter}{/1} | nautical miles |
| **Total** | {#1}{fuelOilTotal}{/1} | litre | |  | **Distance Run Log** | | {#1}{noonTotalDistanceRunLog}{/1} | nautical miles |
|  | | | |  | **Distance Run O.G** | | {#1}{noonTotalDistanceRunOG}{/1} |  |
| **Lub Oil** | | | |  | **Distance Run Prop.** | | {#1}{noonTotalDistanceRunProp}{/1} |  |
| **Cylinder** | {#1}{cylinderLubOil}{/1} |  | |  | **Speed** | | {#1}{noonTotalSpeed}{/1} |  |
| **Bearing** | {#1}{bearingLubOil}{/1} |  | |  | **Ship** | | {#1}{noonTotalShip}{/1} |  |
|  |  | | |  | **Time Correction** | | {#1}{noonTotalTimeCorrection}{/1} |  |
| **FO Addition** | {#1}{FOaddition}{/1} | |  |  | **RPM** | | {#1}{noonTotalRPM}{/1} | R.P.M |
| **Boiler Water** | {#1}{boilerWater}{/1} | |  |  |  |  | |  |
|  |  |  | |  |  |  | |  |
| **Main Engine Total FO Consumption** | {#1}{mainEngineTotalFOConsumption}{/1} | litre | |  |  |  | |  |
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| GENERAL |

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| --- | --- | --- | --- | --- |
| **Departure Port** | {#1}{departurePort}{/1} |  | **Watch** | {#1}{watch}{/1} |
| **Departure Time** | {#1}{departureTime}{/1} |  | **Handle Notch** | {#1}{handleNotch}{/1} |
| **Arrival Port** | {#1}{arrivalPort}{/1} |  | **Distance Run** | {#1}{distanceRun}{/1} |
| **Arrival Time** | {#1}{arrivalTime}{/1} |  | **Wind Force** | {#1}{windForce}{/1} |
| **Departure Draft – Fwd** | {#1}{departureDraftFwd}{/1} |  | **Wind Direction** | {#1}{windDirection}{/1} |
| **Departure Draft – Aft** | {#1}{departureDraftAft}{/1} |  | **Weather** | {#1}{weather}{/1} |
| **Arrival Draft – Fwd** | {#1}{arrivalDraftFwd}{/1} |  | **Sea of State** | {#1}{seaState}{/1} |
| **Arrival Draft – Aft** | {#1}{arrivalDraftAFt}{/1} |  | **Remarks** | {#1}{remarks}{/1} |

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| TANK |

|  |  |  |  |  |  |  |
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| **Main Engine Service** | | |  |  |  | |
| **FO Tank P Level** | {#1}{mainEngineServiceFOTankPLevel}{/1} | m |  |  |  | |
| **FO Tank S Level** | {#1}{mainEngineServiceFOTankSLevel}{/1} | m |  |  |  | |
|  |  | |  |  |  | |
| **FO Tank Condition** | | |  |  |  | |
| **FO Tank P Condition** | {#1}{FOTankPCondition}{/1} | |  |  |  | |
| **FO Tank S Condition** | {#1}{FOTankSCondition}{/1} | |  |  |  | |
|  |  | |  |  |  |  |
| **L.O Drain Tank** | | |  |  |  |  |
| **L.O Drain Tank** | {#1}{loDrainTank}{/1} | |  |  |  |  |

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| TEST RESULT |

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| **Lub Oil** | | |  | **Boiler Water** | |
| **Flash Point** | {#1}{lubOilFlashPoint}{/1} |  |  | **Salinity** | {#1}{boilerWaterSalinity}{/1} |
| **Viscosity** | {#1}{lubOilViscosity}{/1} | CSt’ at 40 degC |  | **Alkalinity** | {#1}{boilerWaterAlkanlinity}{/1} |
| **Total Base No.** | {#1}{lubOilTotalBaseNo}{/1} |  |  | **P.H.** | {#1}{boilerWaterPH}{/1} |
| **Insoluble Matter** | {#1}{lubOilInsolubleMatter}{/1} | wt % |  | **Phosphate** | {#1}{boilerWaterPhosphate}{/1} |
| **Water Content** | {#1}{lubOilWaterContent}{/1} | vol% |  |  |  |

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| GENERATOR 1 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#1}{#alternator1}{workingHours}{/alternator1}{/1} | hrs |  | **LO no. (lowest)** | {#1}{#mainEngine1}{turboChargerLONoLowest}{/mainEngine1}{/1} |  |
| **Dynamo No. 1 Amp** | {#1}{#alternator1}{amp}{/alternator1}{/1} | Amp |  | **LO no. (highest)** | {#1}{#mainEngine1}{turboChargerLONoHighest}{/mainEngine1}{/1} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#1}{#alternator1}{scavengeAirPressure}{/alternator1}{/1} | bar |  | **Air Cooler Outlet Temperature** | {#1}{#mainEngine1}{turboChargerAirCoolerOutletTemperature}{/mainEngine1}{/1} | °C |
| **Dynamo No. 1 LO Pressure** | {#1}{#alternator1}{loPressure}{/alternator1}{/1} | bar |  | **LO Lowest Temperature** | {#1}{#mainEngine1}{turboChargerLOLowestTemperature}{/mainEngine1}{/1} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#1}{#alternator1}{jacketCoolPressure}{/alternator1}{/1} | bar |  | **LO Highest Temperature** | {#1}{#mainEngine1}{turboChargerLOHighestTemperature}{/mainEngine1}{/1} | °C |
|  | | |  | **LO Pressure** | {#1}{#mainEngine1}{turboChargerLoPressure}{/mainEngine1}{/1} | bar |
| **Scavenge Air Pressure** | {#1}{#mainEngine1}{scavengeAirPressure}{/mainEngine1}{/1} | bar |  | **Exhaust Gas Inlet Temperature** | {#1}{#mainEngine1}{turboChargerExhaustGasInletTemperature}{/mainEngine1}{/1} | °C |
| **Bearing Oil Pressure** | {#1}{#mainEngine1}{bearingOilPressure}{/mainEngine1}{/1} | bar |  | **Exhaust Gas Outlet Temperature** | {#1}{#mainEngine1}{turboChargerExhaustGasOutletTemperature}{/mainEngine1}{/1} | °C |
| **Ambient Temperature** | {#1}{#mainEngine1}{ambientTemperature}{/mainEngine1}{/1} | °C |  | **RPM** | {#1}{#mainEngine1}{turboChargerRPM}{/mainEngine1}{/1} | R.P.M |
| **Thrust Bearing Temperature Data** | {#1}{#mainEngine1}{thrustBearingTemperature}{/mainEngine1}{/1} | °C |  |  |  |  |
| **(Engine) RPM** | {#1}{#mainEngine1}{rpm}{/mainEngine1}{/1} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#1}{#mainEngine1}{pistonCoolingPressure}{/mainEngine1}{/1} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#1}{#mainEngine1}{pistonCoolingOutletNoLowest}{/mainEngine1}{/1} |  |
| **Pressure** | {#1}{#mainEngine1}{coolingSWPressure}{/mainEngine1}{/1} | bar |  | **Outlet No. (Highest)** | {#1}{#mainEngine1}{pistonCoolingOutletNoHighest}{/mainEngine1}{/1} |  |
| **Temperature** | {#1}{#mainEngine1}{SWTemperature}{/mainEngine1}{/1} | °C |  | **Inlet Temperature** | {#1}{#mainEngine1}{pistonCoolingInletTemperature}{/mainEngine1}{/1} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#1}{#mainEngine1}{pistonCoolingOutletLowestTemperature}{/mainEngine1}{/1} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#1}{#mainEngine1}{pistonCoolingOutletHighestTemperature}{/mainEngine1}{/1} | °C |
| **Cylinder 01A** | {#1}{#mainEngine1}{cylinder1AExhaustGasTemperature}{/mainEngine1}{/1} | °C |  |  | | |
| **Cylinder 02A** | {#1}{#mainEngine1}{cylinder2AExhaustGasTemperature}{/mainEngine1}{/1} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#1}{#mainEngine1}{cylinder3AExhaustGasTemperature}{/mainEngine1}{/1} | °C |  | **Inlet Temperature** | {#1}{#mainEngine1}{jacketCoolingInletTemperature}{/mainEngine1}{/1} | bar |
| **Cylinder 04A** | {#1}{#mainEngine1}{cylinder4AExhaustGasTemperature}{/mainEngine1}{/1} | °C |  | **Outlet No. (Lowest)** | {#1}{#mainEngine1}{jacketCoolingOutletNoLowest}{/mainEngine1}{/1} |  |
| **Cylinder 05A** | {#1}{#mainEngine1}{cylinder5AExhaustGasTemperature}{/mainEngine1}{/1} | °C |  | **Outlet No. (Highest)** | {#1}{#mainEngine1}{jacketCoolingOutletNoHighest}{/mainEngine1}{/1} | °C |
| **Cylinder 06A** | {#1}{#mainEngine1}{cylinder6AExhaustGasTemperature}{/mainEngine1}{/1} | °C |  | **Outlet Lowest Temperature** | {#1}{#mainEngine1}{jacketCoolingOutletLowestTemperature}{/mainEngine1}{/1} | °C |
|  | | |  | **Outlet Highest Temperature** | {#1}{#mainEngine1}{jacketCoolingOutletHighestTemperature}{/mainEngine1}{/1} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#1}{#mainEngine1}{cylinder1APressure}{/mainEngine1}{/1} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#1}{#mainEngine1}{cylinder2APressure}{/mainEngine1}{/1} | bar |  | **LO Cooler Inlet Temperature Data** | {#1}{#mainEngine1}{LOCoolerInletTemperature}{/mainEngine1}{/1} | °C |
| **Cylinder 03A** | {#1}{#mainEngine1}{cylinder3APressure}{/mainEngine1}{/1} | bar |  | **LO Cooler Outlet Temperature Data** | {#1}{#mainEngine1}{LOCoolerOutletTemperature}{/mainEngine1}{/1} | °C |
| **Cylinder 04A** | {#1}{#mainEngine1}{cylinder4APressure}{/mainEngine1}{/1} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#1}{#mainEngine1}{dynamoLOCoolerInletTemperature}{/mainEngine1}{/1} | °C |
| **Cylinder 05A** | {#1}{#mainEngine1}{cylinder5APressure}{/mainEngine1}{/1} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#1}{#mainEngine1}{dynamoLOCoolerOutletTemperature}{/mainEngine1}{/1} | °C |
| **Cylinder 06A** | {#1}{#mainEngine1}{cylinder6APressure}{/mainEngine1}{/1} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#1}{#mainEngine1}{FOPressure}{/mainEngine1}{/1} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#1}{#mainEngine1}{FOHeaterOutletTemperature}{/mainEngine1}{/1} | bar |

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| GENERATOR 2 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#1}{#alternator2}{workingHours}{/alternator2}{/1} | hrs |  | **LO no. (lowest)** | {#1}{#mainEngine2}{turboChargerLONoLowest}{/mainEngine2}{/1} |  |
| **Dynamo No. 1 Amp** | {#1}{#alternator2}{amp}{/alternator2}{/1} | Amp |  | **LO no. (highest)** | {#1}{#mainEngine2}{turboChargerLONoHighest}{/mainEngine2}{/1} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#1}{#alternator2}{scavengeAirPressure}{/alternator2}{/1} | bar |  | **Air Cooler Outlet Temperature** | {#1}{#mainEngine2}{turboChargerAirCoolerOutletTemperature}{/mainEngine2}{/1} | °C |
| **Dynamo No. 1 LO Pressure** | {#1}{#alternator2}{loPressure}{/alternator2}{/1} | bar |  | **LO Lowest Temperature** | {#1}{#mainEngine2}{turboChargerLOLowestTemperature}{/mainEngine2}{/1} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#1}{#alternator2}{jacketCoolPressure}{/alternator2}{/1} | bar |  | **LO Highest Temperature** | {#1}{#mainEngine2}{turboChargerLOHighestTemperature}{/mainEngine2}{/1} | °C |
|  | | |  | **LO Pressure** | {#1}{#mainEngine2}{turboChargerLoPressure}{/mainEngine2}{/1} | bar |
| **Scavenge Air Pressure** | {#1}{#mainEngine2}{scavengeAirPressure}{/mainEngine2}{/1} | bar |  | **Exhaust Gas Inlet Temperature** | {#1}{#mainEngine2}{turboChargerExhaustGasInletTemperature}{/mainEngine2}{/1} | °C |
| **Bearing Oil Pressure** | {#1}{#mainEngine2}{bearingOilPressure}{/mainEngine2}{/1} | bar |  | **Exhaust Gas Outlet Temperature** | {#1}{#mainEngine2}{turboChargerExhaustGasOutletTemperature}{/mainEngine2}{/1} | °C |
| **Ambient Temperature** | {#1}{#mainEngine2}{ambientTemperature}{/mainEngine2}{/1} | °C |  | **RPM** | {#1}{#mainEngine2}{turboChargerRPM}{/mainEngine2}{/1} | R.P.M |
| **Thrust Bearing Temperature Data** | {#1}{#mainEngine2}{thrustBearingTemperature}{/mainEngine2}{/1} | °C |  |  |  |  |
| **(Engine) RPM** | {#1}{#mainEngine2}{rpm}{/mainEngine2}{/1} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#1}{#mainEngine2}{pistonCoolingPressure}{/mainEngine2}{/1} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#1}{#mainEngine2}{pistonCoolingOutletNoLowest}{/mainEngine2}{/1} |  |
| **Pressure** | {#1}{#mainEngine2}{coolingSWPressure}{/mainEngine2}{/1} | bar |  | **Outlet No. (Highest)** | {#1}{#mainEngine2}{pistonCoolingOutletNoHighest}{/mainEngine2}{/1} |  |
| **Temperature** | {#1}{#mainEngine2}{SWTemperature}{/mainEngine2}{/1} | °C |  | **Inlet Temperature** | {#1}{#mainEngine2}{pistonCoolingInletTemperature}{/mainEngine2}{/1} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#1}{#mainEngine2}{pistonCoolingOutletLowestTemperature}{/mainEngine2}{/1} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#1}{#mainEngine2}{pistonCoolingOutletHighestTemperature}{/mainEngine2}{/1} | °C |
| **Cylinder 01A** | {#1}{#mainEngine2}{cylinder1AExhaustGasTemperature}{/mainEngine2}{/1} | °C |  |  | | |
| **Cylinder 02A** | {#1}{#mainEngine2}{cylinder2AExhaustGasTemperature}{/mainEngine2}{/1} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#1}{#mainEngine2}{cylinder3AExhaustGasTemperature}{/mainEngine2}{/1} | °C |  | **Inlet Temperature** | {#1}{#mainEngine2}{jacketCoolingInletTemperature}{/mainEngine2}{/1} | bar |
| **Cylinder 04A** | {#1}{#mainEngine2}{cylinder4AExhaustGasTemperature}{/mainEngine2}{/1} | °C |  | **Outlet No. (Lowest)** | {#1}{#mainEngine2}{jacketCoolingOutletNoLowest}{/mainEngine2}{/1} |  |
| **Cylinder 05A** | {#1}{#mainEngine2}{cylinder5AExhaustGasTemperature}{/mainEngine2}{/1} | °C |  | **Outlet No. (Highest)** | {#1}{#mainEngine2}{jacketCoolingOutletNoHighest}{/mainEngine2}{/1} | °C |
| **Cylinder 06A** | {#1}{#mainEngine2}{cylinder6AExhaustGasTemperature}{/mainEngine2}{/1} | °C |  | **Outlet Lowest Temperature** | {#1}{#mainEngine2}{jacketCoolingOutletLowestTemperature}{/mainEngine2}{/1} | °C |
|  | | |  | **Outlet Highest Temperature** | {#1}{#mainEngine2}{jacketCoolingOutletHighestTemperature}{/mainEngine2}{/1} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#1}{#mainEngine2}{cylinder1APressure}{/mainEngine2}{/1} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#1}{#mainEngine2}{cylinder2APressure}{/mainEngine2}{/1} | bar |  | **LO Cooler Inlet Temperature Data** | {#1}{#mainEngine2}{LOCoolerInletTemperature}{/mainEngine2}{/1} | °C |
| **Cylinder 03A** | {#1}{#mainEngine2}{cylinder3APressure}{/mainEngine2}{/1} | bar |  | **LO Cooler Outlet Temperature Data** | {#1}{#mainEngine2}{LOCoolerOutletTemperature}{/mainEngine2}{/1} | °C |
| **Cylinder 04A** | {#1}{#mainEngine2}{cylinder4APressure}{/mainEngine2}{/1} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#1}{#mainEngine2}{dynamoLOCoolerInletTemperature}{/mainEngine2}{/1} | °C |
| **Cylinder 05A** | {#1}{#mainEngine2}{cylinder5APressure}{/mainEngine2}{/1} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#1}{#mainEngine2}{dynamoLOCoolerOutletTemperature}{/mainEngine2}{/1} | °C |
| **Cylinder 06A** | {#1}{#mainEngine2}{cylinder6APressure}{/mainEngine2}{/1} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#1}{#mainEngine2}{FOPressure}{/mainEngine2}{/1} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#1}{#mainEngine2}{FOHeaterOutletTemperature}{/mainEngine2}{/1} | bar |

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| GENERATOR 3 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#1}{#alternator3}{workingHours}{/alternator3}{/1} | hrs |  | **LO no. (lowest)** | {#1}{#mainEngine3}{turboChargerLONoLowest}{/mainEngine3}{/1} |  |
| **Dynamo No. 1 Amp** | {#1}{#alternator3}{amp}{/alternator3}{/1} | Amp |  | **LO no. (highest)** | {#1}{#mainEngine3}{turboChargerLONoHighest}{/mainEngine3}{/1} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#1}{#alternator3}{scavengeAirPressure}{/alternator3}{/1} | bar |  | **Air Cooler Outlet Temperature** | {#1}{#mainEngine3}{turboChargerAirCoolerOutletTemperature}{/mainEngine3}{/1} | °C |
| **Dynamo No. 1 LO Pressure** | {#1}{#alternator3}{loPressure}{/alternator3}{/1} | bar |  | **LO Lowest Temperature** | {#1}{#mainEngine3}{turboChargerLOLowestTemperature}{/mainEngine3}{/1} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#1}{#alternator3}{jacketCoolPressure}{/alternator3}{/1} | bar |  | **LO Highest Temperature** | {#1}{#mainEngine3}{turboChargerLOHighestTemperature}{/mainEngine3}{/1} | °C |
|  | | |  | **LO Pressure** | {#1}{#mainEngine3}{turboChargerLoPressure}{/mainEngine3}{/1} | bar |
| **Scavenge Air Pressure** | {#1}{#mainEngine3}{scavengeAirPressure}{/mainEngine3}{/1} | bar |  | **Exhaust Gas Inlet Temperature** | {#1}{#mainEngine3}{turboChargerExhaustGasInletTemperature}{/mainEngine3}{/1} | °C |
| **Bearing Oil Pressure** | {#1}{#mainEngine3}{bearingOilPressure}{/mainEngine3}{/1} | bar |  | **Exhaust Gas Outlet Temperature** | {#1}{#mainEngine3}{turboChargerExhaustGasOutletTemperature}{/mainEngine3}{/1} | °C |
| **Ambient Temperature** | {#1}{#mainEngine3}{ambientTemperature}{/mainEngine3}{/1} | °C |  | **RPM** | {#1}{#mainEngine3}{turboChargerRPM}{/mainEngine3}{/1} | R.P.M |
| **Thrust Bearing Temperature Data** | {#1}{#mainEngine3}{thrustBearingTemperature}{/mainEngine3}{/1} | °C |  |  |  |  |
| **(Engine) RPM** | {#1}{#mainEngine3}{rpm}{/mainEngine3}{/1} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#1}{#mainEngine3}{pistonCoolingPressure}{/mainEngine3}{/1} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#1}{#mainEngine3}{pistonCoolingOutletNoLowest}{/mainEngine3}{/1} |  |
| **Pressure** | {#1}{#mainEngine3}{coolingSWPressure}{/mainEngine3}{/1} | bar |  | **Outlet No. (Highest)** | {#1}{#mainEngine3}{pistonCoolingOutletNoHighest}{/mainEngine3}{/1} |  |
| **Temperature** | {#1}{#mainEngine3}{SWTemperature}{/mainEngine3}{/1} | °C |  | **Inlet Temperature** | {#1}{#mainEngine3}{pistonCoolingInletTemperature}{/mainEngine3}{/1} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#1}{#mainEngine3}{pistonCoolingOutletLowestTemperature}{/mainEngine3}{/1} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#1}{#mainEngine3}{pistonCoolingOutletHighestTemperature}{/mainEngine3}{/1} | °C |
| **Cylinder 01A** | {#1}{#mainEngine3}{cylinder1AExhaustGasTemperature}{/mainEngine3}{/1} | °C |  |  | | |
| **Cylinder 02A** | {#1}{#mainEngine3}{cylinder2AExhaustGasTemperature}{/mainEngine3}{/1} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#1}{#mainEngine3}{cylinder3AExhaustGasTemperature}{/mainEngine3}{/1} | °C |  | **Inlet Temperature** | {#1}{#mainEngine3}{jacketCoolingInletTemperature}{/mainEngine3}{/1} | bar |
| **Cylinder 04A** | {#1}{#mainEngine3}{cylinder4AExhaustGasTemperature}{/mainEngine3}{/1} | °C |  | **Outlet No. (Lowest)** | {#1}{#mainEngine3}{jacketCoolingOutletNoLowest}{/mainEngine3}{/1} |  |
| **Cylinder 05A** | {#1}{#mainEngine3}{cylinder5AExhaustGasTemperature}{/mainEngine3}{/1} | °C |  | **Outlet No. (Highest)** | {#1}{#mainEngine3}{jacketCoolingOutletNoHighest}{/mainEngine3}{/1} | °C |
| **Cylinder 06A** | {#1}{#mainEngine3}{cylinder6AExhaustGasTemperature}{/mainEngine3}{/1} | °C |  | **Outlet Lowest Temperature** | {#1}{#mainEngine3}{jacketCoolingOutletLowestTemperature}{/mainEngine3}{/1} | °C |
|  | | |  | **Outlet Highest Temperature** | {#1}{#mainEngine3}{jacketCoolingOutletHighestTemperature}{/mainEngine3}{/1} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#1}{#mainEngine3}{cylinder1APressure}{/mainEngine3}{/1} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#1}{#mainEngine3}{cylinder2APressure}{/mainEngine3}{/1} | bar |  | **LO Cooler Inlet Temperature Data** | {#1}{#mainEngine3}{LOCoolerInletTemperature}{/mainEngine3}{/1} | °C |
| **Cylinder 03A** | {#1}{#mainEngine3}{cylinder3APressure}{/mainEngine3}{/1} | bar |  | **LO Cooler Outlet Temperature Data** | {#1}{#mainEngine3}{LOCoolerOutletTemperature}{/mainEngine3}{/1} | °C |
| **Cylinder 04A** | {#1}{#mainEngine3}{cylinder4APressure}{/mainEngine3}{/1} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#1}{#mainEngine3}{dynamoLOCoolerInletTemperature}{/mainEngine3}{/1} | °C |
| **Cylinder 05A** | {#1}{#mainEngine3}{cylinder5APressure}{/mainEngine3}{/1} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#1}{#mainEngine3}{dynamoLOCoolerOutletTemperature}{/mainEngine3}{/1} | °C |
| **Cylinder 06A** | {#1}{#mainEngine3}{cylinder6APressure}{/mainEngine3}{/1} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#1}{#mainEngine3}{FOPressure}{/mainEngine3}{/1} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#1}{#mainEngine3}{FOHeaterOutletTemperature}{/mainEngine3}{/1} | bar |

**Engine Log**

{generatedDate}, 0801 - 1200

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| RECORDS |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Fuel Oil** | | | |  | **Noon Total** | | | |
| **Remaining** | {#2}{fuelOilRemaining}{/2} | litre | |  | **Hours Under Weight** | | {#2}{noonTotalHoursUnderWeigh}{/2} | hrs |
| **Received** | {#2}{fuelOilReceived}{/2} | litre | |  | **Hours Propelling** | | {#2}{noonTotalHoursPropelling}{/2} | hrs |
| **Balance** | {#2}{fuelOilBalance}{/2} | litre | |  | **Revolution On Counter** | | {#2}{noonTotalRevolutionOnCounter}{/2} | nautical miles |
| **Total** | {#2}{fuelOilTotal}{/2} | litre | |  | **Distance Run Log** | | {#2}{noonTotalDistanceRunLog}{/2} | nautical miles |
|  | | | |  | **Distance Run O.G** | | {#2}{noonTotalDistanceRunOG}{/2} |  |
| **Lub Oil** | | | |  | **Distance Run Prop.** | | {#2}{noonTotalDistanceRunProp}{/2} |  |
| **Cylinder** | {#2}{cylinderLubOil}{/2} |  | |  | **Speed** | | {#2}{noonTotalSpeed}{/2} |  |
| **Bearing** | {#2}{bearingLubOil}{/2} |  | |  | **Ship** | | {#2}{noonTotalShip}{/2} |  |
|  |  | | |  | **Time Correction** | | {#2}{noonTotalTimeCorrection}{/2} |  |
| **FO Addition** | {#2}{FOaddition}{/2} | |  |  | **RPM** | | {#2}{noonTotalRPM}{/2} | R.P.M |
| **Boiler Water** | {#2}{boilerWater}{/2} | |  |  |  |  | |  |
|  |  |  | |  |  |  | |  |
| **Main Engine Total FO Consumption** | {#2}{mainEngineTotalFOConsumption}{/2} | litre | |  |  |  | |  |
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| GENERAL |

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| **Departure Port** | {#2}{departurePort}{/2} |  | **Watch** | {#2}{watch}{/2} |
| **Departure Time** | {#2}{departureTime}{/2} |  | **Handle Notch** | {#2}{handleNotch}{/2} |
| **Arrival Port** | {#2}{arrivalPort}{/2} |  | **Distance Run** | {#2}{distanceRun}{/2} |
| **Arrival Time** | {#2}{arrivalTime}{/2} |  | **Wind Force** | {#2}{windForce}{/2} |
| **Departure Draft – Fwd** | {#2}{departureDraftFwd}{/2} |  | **Wind Direction** | {#2}{windDirection}{/2} |
| **Departure Draft – Aft** | {#2}{departureDraftAft}{/2} |  | **Weather** | {#2}{weather}{/2} |
| **Arrival Draft – Fwd** | {#2}{arrivalDraftFwd}{/2} |  | **Sea of State** | {#2}{seaState}{/2} |
| **Arrival Draft – Aft** | {#2}{arrivalDraftAFt}{/2} |  | **Remarks** | {#2}{remarks}{/2} |

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| TANK |

|  |  |  |  |  |  |  |
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| **Main Engine Service** | | |  |  |  | |
| **FO Tank P Level** | {#2}{mainEngineServiceFOTankPLevel}{/2} | m |  |  |  | |
| **FO Tank S Level** | {#2}{mainEngineServiceFOTankSLevel}{/2} | m |  |  |  | |
|  |  | |  |  |  | |
| **FO Tank Condition** | | |  |  |  | |
| **FO Tank P Condition** | {#2}{FOTankPCondition}{/2} | |  |  |  | |
| **FO Tank S Condition** | {#2}{FOTankSCondition}{/2} | |  |  |  | |
|  |  | |  |  |  |  |
| **L.O Drain Tank** | | |  |  |  |  |
| **L.O Drain Tank** | {#2}{loDrainTank}{/2} | |  |  |  |  |

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| TEST RESULT |

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| **Lub Oil** | | |  | **Boiler Water** | |
| **Flash Point** | {#2}{lubOilFlashPoint}{/2} |  |  | **Salinity** | {#2}{boilerWaterSalinity}{/2} |
| **Viscosity** | {#2}{lubOilViscosity}{/2} | CSt’ at 40 degC |  | **Alkalinity** | {#2}{boilerWaterAlkanlinity}{/2} |
| **Total Base No.** | {#2}{lubOilTotalBaseNo}{/2} |  |  | **P.H.** | {#2}{boilerWaterPH}{/2} |
| **Insoluble Matter** | {#2}{lubOilInsolubleMatter}{/2} | wt % |  | **Phosphate** | {#2}{boilerWaterPhosphate}{/2} |
| **Water Content** | {#2}{lubOilWaterContent}{/2} | vol% |  |  |  |

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| GENERATOR 1 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#2}{#alternator1}{workingHours}{/alternator1}{/2} | hrs |  | **LO no. (lowest)** | {#2}{#mainEngine1}{turboChargerLONoLowest}{/mainEngine1}{/2} |  |
| **Dynamo No. 1 Amp** | {#2}{#alternator1}{amp}{/alternator1}{/2} | Amp |  | **LO no. (highest)** | {#2}{#mainEngine1}{turboChargerLONoHighest}{/mainEngine1}{/2} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#2}{#alternator1}{scavengeAirPressure}{/alternator1}{/2} | bar |  | **Air Cooler Outlet Temperature** | {#2}{#mainEngine1}{turboChargerAirCoolerOutletTemperature}{/mainEngine1}{/2} | °C |
| **Dynamo No. 1 LO Pressure** | {#2}{#alternator1}{loPressure}{/alternator1}{/2} | bar |  | **LO Lowest Temperature** | {#2}{#mainEngine1}{turboChargerLOLowestTemperature}{/mainEngine1}{/2} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#2}{#alternator1}{jacketCoolPressure}{/alternator1}{/2} | bar |  | **LO Highest Temperature** | {#2}{#mainEngine1}{turboChargerLOHighestTemperature}{/mainEngine1}{/2} | °C |
|  | | |  | **LO Pressure** | {#2}{#mainEngine1}{turboChargerLoPressure}{/mainEngine1}{/2} | bar |
| **Scavenge Air Pressure** | {#2}{#mainEngine1}{scavengeAirPressure}{/mainEngine1}{/2} | bar |  | **Exhaust Gas Inlet Temperature** | {#2}{#mainEngine1}{turboChargerExhaustGasInletTemperature}{/mainEngine1}{/2} | °C |
| **Bearing Oil Pressure** | {#2}{#mainEngine1}{bearingOilPressure}{/mainEngine1}{/2} | bar |  | **Exhaust Gas Outlet Temperature** | {#2}{#mainEngine1}{turboChargerExhaustGasOutletTemperature}{/mainEngine1}{/2} | °C |
| **Ambient Temperature** | {#2}{#mainEngine1}{ambientTemperature}{/mainEngine1}{/2} | °C |  | **RPM** | {#2}{#mainEngine1}{turboChargerRPM}{/mainEngine1}{/2} | R.P.M |
| **Thrust Bearing Temperature Data** | {#2}{#mainEngine1}{thrustBearingTemperature}{/mainEngine1}{/2} | °C |  |  |  |  |
| **(Engine) RPM** | {#2}{#mainEngine1}{rpm}{/mainEngine1}{/2} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#2}{#mainEngine1}{pistonCoolingPressure}{/mainEngine1}{/2} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#2}{#mainEngine1}{pistonCoolingOutletNoLowest}{/mainEngine1}{/2} |  |
| **Pressure** | {#2}{#mainEngine1}{coolingSWPressure}{/mainEngine1}{/2} | bar |  | **Outlet No. (Highest)** | {#2}{#mainEngine1}{pistonCoolingOutletNoHighest}{/mainEngine1}{/2} |  |
| **Temperature** | {#2}{#mainEngine1}{SWTemperature}{/mainEngine1}{/2} | °C |  | **Inlet Temperature** | {#2}{#mainEngine1}{pistonCoolingInletTemperature}{/mainEngine1}{/2} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#2}{#mainEngine1}{pistonCoolingOutletLowestTemperature}{/mainEngine1}{/2} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#2}{#mainEngine1}{pistonCoolingOutletHighestTemperature}{/mainEngine1}{/2} | °C |
| **Cylinder 01A** | {#2}{#mainEngine1}{cylinder1AExhaustGasTemperature}{/mainEngine1}{/2} | °C |  |  | | |
| **Cylinder 02A** | {#2}{#mainEngine1}{cylinder2AExhaustGasTemperature}{/mainEngine1}{/2} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#2}{#mainEngine1}{cylinder3AExhaustGasTemperature}{/mainEngine1}{/2} | °C |  | **Inlet Temperature** | {#2}{#mainEngine1}{jacketCoolingInletTemperature}{/mainEngine1}{/2} | bar |
| **Cylinder 04A** | {#2}{#mainEngine1}{cylinder4AExhaustGasTemperature}{/mainEngine1}{/2} | °C |  | **Outlet No. (Lowest)** | {#2}{#mainEngine1}{jacketCoolingOutletNoLowest}{/mainEngine1}{/2} |  |
| **Cylinder 05A** | {#2}{#mainEngine1}{cylinder5AExhaustGasTemperature}{/mainEngine1}{/2} | °C |  | **Outlet No. (Highest)** | {#2}{#mainEngine1}{jacketCoolingOutletNoHighest}{/mainEngine1}{/2} | °C |
| **Cylinder 06A** | {#2}{#mainEngine1}{cylinder6AExhaustGasTemperature}{/mainEngine1}{/2} | °C |  | **Outlet Lowest Temperature** | {#2}{#mainEngine1}{jacketCoolingOutletLowestTemperature}{/mainEngine1}{/2} | °C |
|  | | |  | **Outlet Highest Temperature** | {#2}{#mainEngine1}{jacketCoolingOutletHighestTemperature}{/mainEngine1}{/2} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#2}{#mainEngine1}{cylinder1APressure}{/mainEngine1}{/2} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#2}{#mainEngine1}{cylinder2APressure}{/mainEngine1}{/2} | bar |  | **LO Cooler Inlet Temperature Data** | {#2}{#mainEngine1}{LOCoolerInletTemperature}{/mainEngine1}{/2} | °C |
| **Cylinder 03A** | {#2}{#mainEngine1}{cylinder3APressure}{/mainEngine1}{/2} | bar |  | **LO Cooler Outlet Temperature Data** | {#2}{#mainEngine1}{LOCoolerOutletTemperature}{/mainEngine1}{/2} | °C |
| **Cylinder 04A** | {#2}{#mainEngine1}{cylinder4APressure}{/mainEngine1}{/2} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#2}{#mainEngine1}{dynamoLOCoolerInletTemperature}{/mainEngine1}{/2} | °C |
| **Cylinder 05A** | {#2}{#mainEngine1}{cylinder5APressure}{/mainEngine1}{/2} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#2}{#mainEngine1}{dynamoLOCoolerOutletTemperature}{/mainEngine1}{/2} | °C |
| **Cylinder 06A** | {#2}{#mainEngine1}{cylinder6APressure}{/mainEngine1}{/2} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#2}{#mainEngine1}{FOPressure}{/mainEngine1}{/2} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#2}{#mainEngine1}{FOHeaterOutletTemperature}{/mainEngine1}{/2} | bar |

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| GENERATOR 2 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#2}{#alternator2}{workingHours}{/alternator2}{/2} | hrs |  | **LO no. (lowest)** | {#2}{#mainEngine2}{turboChargerLONoLowest}{/mainEngine2}{/2} |  |
| **Dynamo No. 1 Amp** | {#2}{#alternator2}{amp}{/alternator2}{/2} | Amp |  | **LO no. (highest)** | {#2}{#mainEngine2}{turboChargerLONoHighest}{/mainEngine2}{/2} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#2}{#alternator2}{scavengeAirPressure}{/alternator2}{/2} | bar |  | **Air Cooler Outlet Temperature** | {#2}{#mainEngine2}{turboChargerAirCoolerOutletTemperature}{/mainEngine2}{/2} | °C |
| **Dynamo No. 1 LO Pressure** | {#2}{#alternator2}{loPressure}{/alternator2}{/2} | bar |  | **LO Lowest Temperature** | {#2}{#mainEngine2}{turboChargerLOLowestTemperature}{/mainEngine2}{/2} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#2}{#alternator2}{jacketCoolPressure}{/alternator2}{/2} | bar |  | **LO Highest Temperature** | {#2}{#mainEngine2}{turboChargerLOHighestTemperature}{/mainEngine2}{/2} | °C |
|  | | |  | **LO Pressure** | {#2}{#mainEngine2}{turboChargerLoPressure}{/mainEngine2}{/2} | bar |
| **Scavenge Air Pressure** | {#2}{#mainEngine2}{scavengeAirPressure}{/mainEngine2}{/2} | bar |  | **Exhaust Gas Inlet Temperature** | {#2}{#mainEngine2}{turboChargerExhaustGasInletTemperature}{/mainEngine2}{/2} | °C |
| **Bearing Oil Pressure** | {#2}{#mainEngine2}{bearingOilPressure}{/mainEngine2}{/2} | bar |  | **Exhaust Gas Outlet Temperature** | {#2}{#mainEngine2}{turboChargerExhaustGasOutletTemperature}{/mainEngine2}{/2} | °C |
| **Ambient Temperature** | {#2}{#mainEngine2}{ambientTemperature}{/mainEngine2}{/2} | °C |  | **RPM** | {#2}{#mainEngine2}{turboChargerRPM}{/mainEngine2}{/2} | R.P.M |
| **Thrust Bearing Temperature Data** | {#2}{#mainEngine2}{thrustBearingTemperature}{/mainEngine2}{/2} | °C |  |  |  |  |
| **(Engine) RPM** | {#2}{#mainEngine2}{rpm}{/mainEngine2}{/2} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#2}{#mainEngine2}{pistonCoolingPressure}{/mainEngine2}{/2} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#2}{#mainEngine2}{pistonCoolingOutletNoLowest}{/mainEngine2}{/2} |  |
| **Pressure** | {#2}{#mainEngine2}{coolingSWPressure}{/mainEngine2}{/2} | bar |  | **Outlet No. (Highest)** | {#2}{#mainEngine2}{pistonCoolingOutletNoHighest}{/mainEngine2}{/2} |  |
| **Temperature** | {#2}{#mainEngine2}{SWTemperature}{/mainEngine2}{/2} | °C |  | **Inlet Temperature** | {#2}{#mainEngine2}{pistonCoolingInletTemperature}{/mainEngine2}{/2} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#2}{#mainEngine2}{pistonCoolingOutletLowestTemperature}{/mainEngine2}{/2} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#2}{#mainEngine2}{pistonCoolingOutletHighestTemperature}{/mainEngine2}{/2} | °C |
| **Cylinder 01A** | {#2}{#mainEngine2}{cylinder1AExhaustGasTemperature}{/mainEngine2}{/2} | °C |  |  | | |
| **Cylinder 02A** | {#2}{#mainEngine2}{cylinder2AExhaustGasTemperature}{/mainEngine2}{/2} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#2}{#mainEngine2}{cylinder3AExhaustGasTemperature}{/mainEngine2}{/2} | °C |  | **Inlet Temperature** | {#2}{#mainEngine2}{jacketCoolingInletTemperature}{/mainEngine2}{/2} | bar |
| **Cylinder 04A** | {#2}{#mainEngine2}{cylinder4AExhaustGasTemperature}{/mainEngine2}{/2} | °C |  | **Outlet No. (Lowest)** | {#2}{#mainEngine2}{jacketCoolingOutletNoLowest}{/mainEngine2}{/2} |  |
| **Cylinder 05A** | {#2}{#mainEngine2}{cylinder5AExhaustGasTemperature}{/mainEngine2}{/2} | °C |  | **Outlet No. (Highest)** | {#2}{#mainEngine2}{jacketCoolingOutletNoHighest}{/mainEngine2}{/2} | °C |
| **Cylinder 06A** | {#2}{#mainEngine2}{cylinder6AExhaustGasTemperature}{/mainEngine2}{/2} | °C |  | **Outlet Lowest Temperature** | {#2}{#mainEngine2}{jacketCoolingOutletLowestTemperature}{/mainEngine2}{/2} | °C |
|  | | |  | **Outlet Highest Temperature** | {#2}{#mainEngine2}{jacketCoolingOutletHighestTemperature}{/mainEngine2}{/2} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#2}{#mainEngine2}{cylinder1APressure}{/mainEngine2}{/2} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#2}{#mainEngine2}{cylinder2APressure}{/mainEngine2}{/2} | bar |  | **LO Cooler Inlet Temperature Data** | {#2}{#mainEngine2}{LOCoolerInletTemperature}{/mainEngine2}{/2} | °C |
| **Cylinder 03A** | {#2}{#mainEngine2}{cylinder3APressure}{/mainEngine2}{/2} | bar |  | **LO Cooler Outlet Temperature Data** | {#2}{#mainEngine2}{LOCoolerOutletTemperature}{/mainEngine2}{/2} | °C |
| **Cylinder 04A** | {#2}{#mainEngine2}{cylinder4APressure}{/mainEngine2}{/2} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#2}{#mainEngine2}{dynamoLOCoolerInletTemperature}{/mainEngine2}{/2} | °C |
| **Cylinder 05A** | {#2}{#mainEngine2}{cylinder5APressure}{/mainEngine2}{/2} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#2}{#mainEngine2}{dynamoLOCoolerOutletTemperature}{/mainEngine2}{/2} | °C |
| **Cylinder 06A** | {#2}{#mainEngine2}{cylinder6APressure}{/mainEngine2}{/2} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#2}{#mainEngine2}{FOPressure}{/mainEngine2}{/2} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#2}{#mainEngine2}{FOHeaterOutletTemperature}{/mainEngine2}{/2} | bar |

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| GENERATOR 3 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#2}{#alternator3}{workingHours}{/alternator3}{/2} | hrs |  | **LO no. (lowest)** | {#2}{#mainEngine3}{turboChargerLONoLowest}{/mainEngine3}{/2} |  |
| **Dynamo No. 1 Amp** | {#2}{#alternator3}{amp}{/alternator3}{/2} | Amp |  | **LO no. (highest)** | {#2}{#mainEngine3}{turboChargerLONoHighest}{/mainEngine3}{/2} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#2}{#alternator3}{scavengeAirPressure}{/alternator3}{/2} | bar |  | **Air Cooler Outlet Temperature** | {#2}{#mainEngine3}{turboChargerAirCoolerOutletTemperature}{/mainEngine3}{/2} | °C |
| **Dynamo No. 1 LO Pressure** | {#2}{#alternator3}{loPressure}{/alternator3}{/2} | bar |  | **LO Lowest Temperature** | {#2}{#mainEngine3}{turboChargerLOLowestTemperature}{/mainEngine3}{/2} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#2}{#alternator3}{jacketCoolPressure}{/alternator3}{/2} | bar |  | **LO Highest Temperature** | {#2}{#mainEngine3}{turboChargerLOHighestTemperature}{/mainEngine3}{/2} | °C |
|  | | |  | **LO Pressure** | {#2}{#mainEngine3}{turboChargerLoPressure}{/mainEngine3}{/2} | bar |
| **Scavenge Air Pressure** | {#2}{#mainEngine3}{scavengeAirPressure}{/mainEngine3}{/2} | bar |  | **Exhaust Gas Inlet Temperature** | {#2}{#mainEngine3}{turboChargerExhaustGasInletTemperature}{/mainEngine3}{/2} | °C |
| **Bearing Oil Pressure** | {#2}{#mainEngine3}{bearingOilPressure}{/mainEngine3}{/2} | bar |  | **Exhaust Gas Outlet Temperature** | {#2}{#mainEngine3}{turboChargerExhaustGasOutletTemperature}{/mainEngine3}{/2} | °C |
| **Ambient Temperature** | {#2}{#mainEngine3}{ambientTemperature}{/mainEngine3}{/2} | °C |  | **RPM** | {#2}{#mainEngine3}{turboChargerRPM}{/mainEngine3}{/2} | R.P.M |
| **Thrust Bearing Temperature Data** | {#2}{#mainEngine3}{thrustBearingTemperature}{/mainEngine3}{/2} | °C |  |  |  |  |
| **(Engine) RPM** | {#2}{#mainEngine3}{rpm}{/mainEngine3}{/2} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#2}{#mainEngine3}{pistonCoolingPressure}{/mainEngine3}{/2} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#2}{#mainEngine3}{pistonCoolingOutletNoLowest}{/mainEngine3}{/2} |  |
| **Pressure** | {#2}{#mainEngine3}{coolingSWPressure}{/mainEngine3}{/2} | bar |  | **Outlet No. (Highest)** | {#2}{#mainEngine3}{pistonCoolingOutletNoHighest}{/mainEngine3}{/2} |  |
| **Temperature** | {#2}{#mainEngine3}{SWTemperature}{/mainEngine3}{/2} | °C |  | **Inlet Temperature** | {#2}{#mainEngine3}{pistonCoolingInletTemperature}{/mainEngine3}{/2} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#2}{#mainEngine3}{pistonCoolingOutletLowestTemperature}{/mainEngine3}{/2} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#2}{#mainEngine3}{pistonCoolingOutletHighestTemperature}{/mainEngine3}{/2} | °C |
| **Cylinder 01A** | {#2}{#mainEngine3}{cylinder1AExhaustGasTemperature}{/mainEngine3}{/2} | °C |  |  | | |
| **Cylinder 02A** | {#2}{#mainEngine3}{cylinder2AExhaustGasTemperature}{/mainEngine3}{/2} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#2}{#mainEngine3}{cylinder3AExhaustGasTemperature}{/mainEngine3}{/2} | °C |  | **Inlet Temperature** | {#2}{#mainEngine3}{jacketCoolingInletTemperature}{/mainEngine3}{/2} | bar |
| **Cylinder 04A** | {#2}{#mainEngine3}{cylinder4AExhaustGasTemperature}{/mainEngine3}{/2} | °C |  | **Outlet No. (Lowest)** | {#2}{#mainEngine3}{jacketCoolingOutletNoLowest}{/mainEngine3}{/2} |  |
| **Cylinder 05A** | {#2}{#mainEngine3}{cylinder5AExhaustGasTemperature}{/mainEngine3}{/2} | °C |  | **Outlet No. (Highest)** | {#2}{#mainEngine3}{jacketCoolingOutletNoHighest}{/mainEngine3}{/2} | °C |
| **Cylinder 06A** | {#2}{#mainEngine3}{cylinder6AExhaustGasTemperature}{/mainEngine3}{/2} | °C |  | **Outlet Lowest Temperature** | {#2}{#mainEngine3}{jacketCoolingOutletLowestTemperature}{/mainEngine3}{/2} | °C |
|  | | |  | **Outlet Highest Temperature** | {#2}{#mainEngine3}{jacketCoolingOutletHighestTemperature}{/mainEngine3}{/2} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#2}{#mainEngine3}{cylinder1APressure}{/mainEngine3}{/2} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#2}{#mainEngine3}{cylinder2APressure}{/mainEngine3}{/2} | bar |  | **LO Cooler Inlet Temperature Data** | {#2}{#mainEngine3}{LOCoolerInletTemperature}{/mainEngine3}{/2} | °C |
| **Cylinder 03A** | {#2}{#mainEngine3}{cylinder3APressure}{/mainEngine3}{/2} | bar |  | **LO Cooler Outlet Temperature Data** | {#2}{#mainEngine3}{LOCoolerOutletTemperature}{/mainEngine3}{/2} | °C |
| **Cylinder 04A** | {#2}{#mainEngine3}{cylinder4APressure}{/mainEngine3}{/2} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#2}{#mainEngine3}{dynamoLOCoolerInletTemperature}{/mainEngine3}{/2} | °C |
| **Cylinder 05A** | {#2}{#mainEngine3}{cylinder5APressure}{/mainEngine3}{/2} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#2}{#mainEngine3}{dynamoLOCoolerOutletTemperature}{/mainEngine3}{/2} | °C |
| **Cylinder 06A** | {#2}{#mainEngine3}{cylinder6APressure}{/mainEngine3}{/2} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#2}{#mainEngine3}{FOPressure}{/mainEngine3}{/2} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#2}{#mainEngine3}{FOHeaterOutletTemperature}{/mainEngine3}{/2} | bar |

**Engine Log**

{generatedDate}, 1201 - 1600

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| RECORDS |

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| **Fuel Oil** | | | |  | **Noon Total** | | | |
| **Remaining** | {#3}{fuelOilRemaining}{/3} | litre | |  | **Hours Under Weight** | | {#3}{noonTotalHoursUnderWeigh}{/3} | hrs |
| **Received** | {#3}{fuelOilReceived}{/3} | litre | |  | **Hours Propelling** | | {#3}{noonTotalHoursPropelling}{/3} | hrs |
| **Balance** | {#3}{fuelOilBalance}{/3} | litre | |  | **Revolution On Counter** | | {#3}{noonTotalRevolutionOnCounter}{/3} | nautical miles |
| **Total** | {#3}{fuelOilTotal}{/3} | litre | |  | **Distance Run Log** | | {#3}{noonTotalDistanceRunLog}{/3} | nautical miles |
|  | | | |  | **Distance Run O.G** | | {#3}{noonTotalDistanceRunOG}{/3} |  |
| **Lub Oil** | | | |  | **Distance Run Prop.** | | {#3}{noonTotalDistanceRunProp}{/3} |  |
| **Cylinder** | {#3}{cylinderLubOil}{/3} |  | |  | **Speed** | | {#3}{noonTotalSpeed}{/3} |  |
| **Bearing** | {#3}{bearingLubOil}{/3} |  | |  | **Ship** | | {#3}{noonTotalShip}{/3} |  |
|  |  | | |  | **Time Correction** | | {#3}{noonTotalTimeCorrection}{/3} |  |
| **FO Addition** | {#3}{FOaddition}{/3} | |  |  | **RPM** | | {#3}{noonTotalRPM}{/3} | R.P.M |
| **Boiler Water** | {#3}{boilerWater}{/3} | |  |  |  |  | |  |
|  |  |  | |  |  |  | |  |
| **Main Engine Total FO Consumption** | {#3}{mainEngineTotalFOConsumption}{/3} | litre | |  |  |  | |  |
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| GENERAL |

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| **Departure Port** | {#3}{departurePort}{/3} |  | **Watch** | {#3}{watch}{/3} |
| **Departure Time** | {#3}{departureTime}{/3} |  | **Handle Notch** | {#3}{handleNotch}{/3} |
| **Arrival Port** | {#3}{arrivalPort}{/3} |  | **Distance Run** | {#3}{distanceRun}{/3} |
| **Arrival Time** | {#3}{arrivalTime}{/3} |  | **Wind Force** | {#3}{windForce}{/3} |
| **Departure Draft – Fwd** | {#3}{departureDraftFwd}{/3} |  | **Wind Direction** | {#3}{windDirection}{/3} |
| **Departure Draft – Aft** | {#3}{departureDraftAft}{/3} |  | **Weather** | {#3}{weather}{/3} |
| **Arrival Draft – Fwd** | {#3}{arrivalDraftFwd}{/3} |  | **Sea of State** | {#3}{seaState}{/3} |
| **Arrival Draft – Aft** | {#3}{arrivalDraftAFt}{/3} |  | **Remarks** | {#3}{remarks}{/3} |

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| TANK |

|  |  |  |  |  |  |  |
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| **Main Engine Service** | | |  |  |  | |
| **FO Tank P Level** | {#3}{mainEngineServiceFOTankPLevel}{/3} | m |  |  |  | |
| **FO Tank S Level** | {#3}{mainEngineServiceFOTankSLevel}{/3} | m |  |  |  | |
|  |  | |  |  |  | |
| **FO Tank Condition** | | |  |  |  | |
| **FO Tank P Condition** | {#3}{FOTankPCondition}{/3} | |  |  |  | |
| **FO Tank S Condition** | {#3}{FOTankSCondition}{/3} | |  |  |  | |
|  |  | |  |  |  |  |
| **L.O Drain Tank** | | |  |  |  |  |
| **L.O Drain Tank** | {#3}{loDrainTank}{/3} | |  |  |  |  |

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| TEST RESULT |

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| **Lub Oil** | | |  | **Boiler Water** | |
| **Flash Point** | {#3}{lubOilFlashPoint}{/3} |  |  | **Salinity** | {#3}{boilerWaterSalinity}{/3} |
| **Viscosity** | {#3}{lubOilViscosity}{/3} | CSt’ at 40 degC |  | **Alkalinity** | {#3}{boilerWaterAlkanlinity}{/3} |
| **Total Base No.** | {#3}{lubOilTotalBaseNo}{/3} |  |  | **P.H.** | {#3}{boilerWaterPH}{/3} |
| **Insoluble Matter** | {#3}{lubOilInsolubleMatter}{/3} | wt % |  | **Phosphate** | {#3}{boilerWaterPhosphate}{/3} |
| **Water Content** | {#3}{lubOilWaterContent}{/3} | vol% |  |  |  |

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| GENERATOR 1 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#3}{#alternator1}{workingHours}{/alternator1}{/3} | hrs |  | **LO no. (lowest)** | {#3}{#mainEngine1}{turboChargerLONoLowest}{/mainEngine1}{/3} |  |
| **Dynamo No. 1 Amp** | {#3}{#alternator1}{amp}{/alternator1}{/3} | Amp |  | **LO no. (highest)** | {#3}{#mainEngine1}{turboChargerLONoHighest}{/mainEngine1}{/3} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#3}{#alternator1}{scavengeAirPressure}{/alternator1}{/3} | bar |  | **Air Cooler Outlet Temperature** | {#3}{#mainEngine1}{turboChargerAirCoolerOutletTemperature}{/mainEngine1}{/3} | °C |
| **Dynamo No. 1 LO Pressure** | {#3}{#alternator1}{loPressure}{/alternator1}{/3} | bar |  | **LO Lowest Temperature** | {#3}{#mainEngine1}{turboChargerLOLowestTemperature}{/mainEngine1}{/3} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#3}{#alternator1}{jacketCoolPressure}{/alternator1}{/3} | bar |  | **LO Highest Temperature** | {#3}{#mainEngine1}{turboChargerLOHighestTemperature}{/mainEngine1}{/3} | °C |
|  | | |  | **LO Pressure** | {#3}{#mainEngine1}{turboChargerLoPressure}{/mainEngine1}{/3} | bar |
| **Scavenge Air Pressure** | {#3}{#mainEngine1}{scavengeAirPressure}{/mainEngine1}{/3} | bar |  | **Exhaust Gas Inlet Temperature** | {#3}{#mainEngine1}{turboChargerExhaustGasInletTemperature}{/mainEngine1}{/3} | °C |
| **Bearing Oil Pressure** | {#3}{#mainEngine1}{bearingOilPressure}{/mainEngine1}{/3} | bar |  | **Exhaust Gas Outlet Temperature** | {#3}{#mainEngine1}{turboChargerExhaustGasOutletTemperature}{/mainEngine1}{/3} | °C |
| **Ambient Temperature** | {#3}{#mainEngine1}{ambientTemperature}{/mainEngine1}{/3} | °C |  | **RPM** | {#3}{#mainEngine1}{turboChargerRPM}{/mainEngine1}{/3} | R.P.M |
| **Thrust Bearing Temperature Data** | {#3}{#mainEngine1}{thrustBearingTemperature}{/mainEngine1}{/3} | °C |  |  |  |  |
| **(Engine) RPM** | {#3}{#mainEngine1}{rpm}{/mainEngine1}{/3} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#3}{#mainEngine1}{pistonCoolingPressure}{/mainEngine1}{/3} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#3}{#mainEngine1}{pistonCoolingOutletNoLowest}{/mainEngine1}{/3} |  |
| **Pressure** | {#3}{#mainEngine1}{coolingSWPressure}{/mainEngine1}{/3} | bar |  | **Outlet No. (Highest)** | {#3}{#mainEngine1}{pistonCoolingOutletNoHighest}{/mainEngine1}{/3} |  |
| **Temperature** | {#3}{#mainEngine1}{SWTemperature}{/mainEngine1}{/3} | °C |  | **Inlet Temperature** | {#3}{#mainEngine1}{pistonCoolingInletTemperature}{/mainEngine1}{/3} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#3}{#mainEngine1}{pistonCoolingOutletLowestTemperature}{/mainEngine1}{/3} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#3}{#mainEngine1}{pistonCoolingOutletHighestTemperature}{/mainEngine1}{/3} | °C |
| **Cylinder 01A** | {#3}{#mainEngine1}{cylinder1AExhaustGasTemperature}{/mainEngine1}{/3} | °C |  |  | | |
| **Cylinder 02A** | {#3}{#mainEngine1}{cylinder2AExhaustGasTemperature}{/mainEngine1}{/3} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#3}{#mainEngine1}{cylinder3AExhaustGasTemperature}{/mainEngine1}{/3} | °C |  | **Inlet Temperature** | {#3}{#mainEngine1}{jacketCoolingInletTemperature}{/mainEngine1}{/3} | bar |
| **Cylinder 04A** | {#3}{#mainEngine1}{cylinder4AExhaustGasTemperature}{/mainEngine1}{/3} | °C |  | **Outlet No. (Lowest)** | {#3}{#mainEngine1}{jacketCoolingOutletNoLowest}{/mainEngine1}{/3} |  |
| **Cylinder 05A** | {#3}{#mainEngine1}{cylinder5AExhaustGasTemperature}{/mainEngine1}{/3} | °C |  | **Outlet No. (Highest)** | {#3}{#mainEngine1}{jacketCoolingOutletNoHighest}{/mainEngine1}{/3} | °C |
| **Cylinder 06A** | {#3}{#mainEngine1}{cylinder6AExhaustGasTemperature}{/mainEngine1}{/3} | °C |  | **Outlet Lowest Temperature** | {#3}{#mainEngine1}{jacketCoolingOutletLowestTemperature}{/mainEngine1}{/3} | °C |
|  | | |  | **Outlet Highest Temperature** | {#3}{#mainEngine1}{jacketCoolingOutletHighestTemperature}{/mainEngine1}{/3} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#3}{#mainEngine1}{cylinder1APressure}{/mainEngine1}{/3} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#3}{#mainEngine1}{cylinder2APressure}{/mainEngine1}{/3} | bar |  | **LO Cooler Inlet Temperature Data** | {#3}{#mainEngine1}{LOCoolerInletTemperature}{/mainEngine1}{/3} | °C |
| **Cylinder 03A** | {#3}{#mainEngine1}{cylinder3APressure}{/mainEngine1}{/3} | bar |  | **LO Cooler Outlet Temperature Data** | {#3}{#mainEngine1}{LOCoolerOutletTemperature}{/mainEngine1}{/3} | °C |
| **Cylinder 04A** | {#3}{#mainEngine1}{cylinder4APressure}{/mainEngine1}{/3} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#3}{#mainEngine1}{dynamoLOCoolerInletTemperature}{/mainEngine1}{/3} | °C |
| **Cylinder 05A** | {#3}{#mainEngine1}{cylinder5APressure}{/mainEngine1}{/3} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#3}{#mainEngine1}{dynamoLOCoolerOutletTemperature}{/mainEngine1}{/3} | °C |
| **Cylinder 06A** | {#3}{#mainEngine1}{cylinder6APressure}{/mainEngine1}{/3} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#3}{#mainEngine1}{FOPressure}{/mainEngine1}{/3} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#3}{#mainEngine1}{FOHeaterOutletTemperature}{/mainEngine1}{/3} | bar |

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| GENERATOR 2 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#3}{#alternator2}{workingHours}{/alternator2}{/3} | hrs |  | **LO no. (lowest)** | {#3}{#mainEngine2}{turboChargerLONoLowest}{/mainEngine2}{/3} |  |
| **Dynamo No. 1 Amp** | {#3}{#alternator2}{amp}{/alternator2}{/3} | Amp |  | **LO no. (highest)** | {#3}{#mainEngine2}{turboChargerLONoHighest}{/mainEngine2}{/3} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#3}{#alternator2}{scavengeAirPressure}{/alternator2}{/3} | bar |  | **Air Cooler Outlet Temperature** | {#3}{#mainEngine2}{turboChargerAirCoolerOutletTemperature}{/mainEngine2}{/3} | °C |
| **Dynamo No. 1 LO Pressure** | {#3}{#alternator2}{loPressure}{/alternator2}{/3} | bar |  | **LO Lowest Temperature** | {#3}{#mainEngine2}{turboChargerLOLowestTemperature}{/mainEngine2}{/3} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#3}{#alternator2}{jacketCoolPressure}{/alternator2}{/3} | bar |  | **LO Highest Temperature** | {#3}{#mainEngine2}{turboChargerLOHighestTemperature}{/mainEngine2}{/3} | °C |
|  | | |  | **LO Pressure** | {#3}{#mainEngine2}{turboChargerLoPressure}{/mainEngine2}{/3} | bar |
| **Scavenge Air Pressure** | {#3}{#mainEngine2}{scavengeAirPressure}{/mainEngine2}{/3} | bar |  | **Exhaust Gas Inlet Temperature** | {#3}{#mainEngine2}{turboChargerExhaustGasInletTemperature}{/mainEngine2}{/3} | °C |
| **Bearing Oil Pressure** | {#3}{#mainEngine2}{bearingOilPressure}{/mainEngine2}{/3} | bar |  | **Exhaust Gas Outlet Temperature** | {#3}{#mainEngine2}{turboChargerExhaustGasOutletTemperature}{/mainEngine2}{/3} | °C |
| **Ambient Temperature** | {#3}{#mainEngine2}{ambientTemperature}{/mainEngine2}{/3} | °C |  | **RPM** | {#3}{#mainEngine2}{turboChargerRPM}{/mainEngine2}{/3} | R.P.M |
| **Thrust Bearing Temperature Data** | {#3}{#mainEngine2}{thrustBearingTemperature}{/mainEngine2}{/3} | °C |  |  |  |  |
| **(Engine) RPM** | {#3}{#mainEngine2}{rpm}{/mainEngine2}{/3} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#3}{#mainEngine2}{pistonCoolingPressure}{/mainEngine2}{/3} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#3}{#mainEngine2}{pistonCoolingOutletNoLowest}{/mainEngine2}{/3} |  |
| **Pressure** | {#3}{#mainEngine2}{coolingSWPressure}{/mainEngine2}{/3} | bar |  | **Outlet No. (Highest)** | {#3}{#mainEngine2}{pistonCoolingOutletNoHighest}{/mainEngine2}{/3} |  |
| **Temperature** | {#3}{#mainEngine2}{SWTemperature}{/mainEngine2}{/3} | °C |  | **Inlet Temperature** | {#3}{#mainEngine2}{pistonCoolingInletTemperature}{/mainEngine2}{/3} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#3}{#mainEngine2}{pistonCoolingOutletLowestTemperature}{/mainEngine2}{/3} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#3}{#mainEngine2}{pistonCoolingOutletHighestTemperature}{/mainEngine2}{/3} | °C |
| **Cylinder 01A** | {#3}{#mainEngine2}{cylinder1AExhaustGasTemperature}{/mainEngine2}{/3} | °C |  |  | | |
| **Cylinder 02A** | {#3}{#mainEngine2}{cylinder2AExhaustGasTemperature}{/mainEngine2}{/3} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#3}{#mainEngine2}{cylinder3AExhaustGasTemperature}{/mainEngine2}{/3} | °C |  | **Inlet Temperature** | {#3}{#mainEngine2}{jacketCoolingInletTemperature}{/mainEngine2}{/3} | bar |
| **Cylinder 04A** | {#3}{#mainEngine2}{cylinder4AExhaustGasTemperature}{/mainEngine2}{/3} | °C |  | **Outlet No. (Lowest)** | {#3}{#mainEngine2}{jacketCoolingOutletNoLowest}{/mainEngine2}{/3} |  |
| **Cylinder 05A** | {#3}{#mainEngine2}{cylinder5AExhaustGasTemperature}{/mainEngine2}{/3} | °C |  | **Outlet No. (Highest)** | {#3}{#mainEngine2}{jacketCoolingOutletNoHighest}{/mainEngine2}{/3} | °C |
| **Cylinder 06A** | {#3}{#mainEngine2}{cylinder6AExhaustGasTemperature}{/mainEngine2}{/3} | °C |  | **Outlet Lowest Temperature** | {#3}{#mainEngine2}{jacketCoolingOutletLowestTemperature}{/mainEngine2}{/3} | °C |
|  | | |  | **Outlet Highest Temperature** | {#3}{#mainEngine2}{jacketCoolingOutletHighestTemperature}{/mainEngine2}{/3} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#3}{#mainEngine2}{cylinder1APressure}{/mainEngine2}{/3} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#3}{#mainEngine2}{cylinder2APressure}{/mainEngine2}{/3} | bar |  | **LO Cooler Inlet Temperature Data** | {#3}{#mainEngine2}{LOCoolerInletTemperature}{/mainEngine2}{/3} | °C |
| **Cylinder 03A** | {#3}{#mainEngine2}{cylinder3APressure}{/mainEngine2}{/3} | bar |  | **LO Cooler Outlet Temperature Data** | {#3}{#mainEngine2}{LOCoolerOutletTemperature}{/mainEngine2}{/3} | °C |
| **Cylinder 04A** | {#3}{#mainEngine2}{cylinder4APressure}{/mainEngine2}{/3} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#3}{#mainEngine2}{dynamoLOCoolerInletTemperature}{/mainEngine2}{/3} | °C |
| **Cylinder 05A** | {#3}{#mainEngine2}{cylinder5APressure}{/mainEngine2}{/3} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#3}{#mainEngine2}{dynamoLOCoolerOutletTemperature}{/mainEngine2}{/3} | °C |
| **Cylinder 06A** | {#3}{#mainEngine2}{cylinder6APressure}{/mainEngine2}{/3} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#3}{#mainEngine2}{FOPressure}{/mainEngine2}{/3} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#3}{#mainEngine2}{FOHeaterOutletTemperature}{/mainEngine2}{/3} | bar |

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| GENERATOR 3 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#3}{#alternator3}{workingHours}{/alternator3}{/3} | hrs |  | **LO no. (lowest)** | {#3}{#mainEngine3}{turboChargerLONoLowest}{/mainEngine3}{/3} |  |
| **Dynamo No. 1 Amp** | {#3}{#alternator3}{amp}{/alternator3}{/3} | Amp |  | **LO no. (highest)** | {#3}{#mainEngine3}{turboChargerLONoHighest}{/mainEngine3}{/3} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#3}{#alternator3}{scavengeAirPressure}{/alternator3}{/3} | bar |  | **Air Cooler Outlet Temperature** | {#3}{#mainEngine3}{turboChargerAirCoolerOutletTemperature}{/mainEngine3}{/3} | °C |
| **Dynamo No. 1 LO Pressure** | {#3}{#alternator3}{loPressure}{/alternator3}{/3} | bar |  | **LO Lowest Temperature** | {#3}{#mainEngine3}{turboChargerLOLowestTemperature}{/mainEngine3}{/3} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#3}{#alternator3}{jacketCoolPressure}{/alternator3}{/3} | bar |  | **LO Highest Temperature** | {#3}{#mainEngine3}{turboChargerLOHighestTemperature}{/mainEngine3}{/3} | °C |
|  | | |  | **LO Pressure** | {#3}{#mainEngine3}{turboChargerLoPressure}{/mainEngine3}{/3} | bar |
| **Scavenge Air Pressure** | {#3}{#mainEngine3}{scavengeAirPressure}{/mainEngine3}{/3} | bar |  | **Exhaust Gas Inlet Temperature** | {#3}{#mainEngine3}{turboChargerExhaustGasInletTemperature}{/mainEngine3}{/3} | °C |
| **Bearing Oil Pressure** | {#3}{#mainEngine3}{bearingOilPressure}{/mainEngine3}{/3} | bar |  | **Exhaust Gas Outlet Temperature** | {#3}{#mainEngine3}{turboChargerExhaustGasOutletTemperature}{/mainEngine3}{/3} | °C |
| **Ambient Temperature** | {#3}{#mainEngine3}{ambientTemperature}{/mainEngine3}{/3} | °C |  | **RPM** | {#3}{#mainEngine3}{turboChargerRPM}{/mainEngine3}{/3} | R.P.M |
| **Thrust Bearing Temperature Data** | {#3}{#mainEngine3}{thrustBearingTemperature}{/mainEngine3}{/3} | °C |  |  |  |  |
| **(Engine) RPM** | {#3}{#mainEngine3}{rpm}{/mainEngine3}{/3} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#3}{#mainEngine3}{pistonCoolingPressure}{/mainEngine3}{/3} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#3}{#mainEngine3}{pistonCoolingOutletNoLowest}{/mainEngine3}{/3} |  |
| **Pressure** | {#3}{#mainEngine3}{coolingSWPressure}{/mainEngine3}{/3} | bar |  | **Outlet No. (Highest)** | {#3}{#mainEngine3}{pistonCoolingOutletNoHighest}{/mainEngine3}{/3} |  |
| **Temperature** | {#3}{#mainEngine3}{SWTemperature}{/mainEngine3}{/3} | °C |  | **Inlet Temperature** | {#3}{#mainEngine3}{pistonCoolingInletTemperature}{/mainEngine3}{/3} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#3}{#mainEngine3}{pistonCoolingOutletLowestTemperature}{/mainEngine3}{/3} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#3}{#mainEngine3}{pistonCoolingOutletHighestTemperature}{/mainEngine3}{/3} | °C |
| **Cylinder 01A** | {#3}{#mainEngine3}{cylinder1AExhaustGasTemperature}{/mainEngine3}{/3} | °C |  |  | | |
| **Cylinder 02A** | {#3}{#mainEngine3}{cylinder2AExhaustGasTemperature}{/mainEngine3}{/3} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#3}{#mainEngine3}{cylinder3AExhaustGasTemperature}{/mainEngine3}{/3} | °C |  | **Inlet Temperature** | {#3}{#mainEngine3}{jacketCoolingInletTemperature}{/mainEngine3}{/3} | bar |
| **Cylinder 04A** | {#3}{#mainEngine3}{cylinder4AExhaustGasTemperature}{/mainEngine3}{/3} | °C |  | **Outlet No. (Lowest)** | {#3}{#mainEngine3}{jacketCoolingOutletNoLowest}{/mainEngine3}{/3} |  |
| **Cylinder 05A** | {#3}{#mainEngine3}{cylinder5AExhaustGasTemperature}{/mainEngine3}{/3} | °C |  | **Outlet No. (Highest)** | {#3}{#mainEngine3}{jacketCoolingOutletNoHighest}{/mainEngine3}{/3} | °C |
| **Cylinder 06A** | {#3}{#mainEngine3}{cylinder6AExhaustGasTemperature}{/mainEngine3}{/3} | °C |  | **Outlet Lowest Temperature** | {#3}{#mainEngine3}{jacketCoolingOutletLowestTemperature}{/mainEngine3}{/3} | °C |
|  | | |  | **Outlet Highest Temperature** | {#3}{#mainEngine3}{jacketCoolingOutletHighestTemperature}{/mainEngine3}{/3} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#3}{#mainEngine3}{cylinder1APressure}{/mainEngine3}{/3} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#3}{#mainEngine3}{cylinder2APressure}{/mainEngine3}{/3} | bar |  | **LO Cooler Inlet Temperature Data** | {#3}{#mainEngine3}{LOCoolerInletTemperature}{/mainEngine3}{/3} | °C |
| **Cylinder 03A** | {#3}{#mainEngine3}{cylinder3APressure}{/mainEngine3}{/3} | bar |  | **LO Cooler Outlet Temperature Data** | {#3}{#mainEngine3}{LOCoolerOutletTemperature}{/mainEngine3}{/3} | °C |
| **Cylinder 04A** | {#3}{#mainEngine3}{cylinder4APressure}{/mainEngine3}{/3} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#3}{#mainEngine3}{dynamoLOCoolerInletTemperature}{/mainEngine3}{/3} | °C |
| **Cylinder 05A** | {#3}{#mainEngine3}{cylinder5APressure}{/mainEngine3}{/3} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#3}{#mainEngine3}{dynamoLOCoolerOutletTemperature}{/mainEngine3}{/3} | °C |
| **Cylinder 06A** | {#3}{#mainEngine3}{cylinder6APressure}{/mainEngine3}{/3} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#3}{#mainEngine3}{FOPressure}{/mainEngine3}{/3} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#3}{#mainEngine3}{FOHeaterOutletTemperature}{/mainEngine3}{/3} | bar |

**Engine Log**

{generatedDate}, 1601 - 2000

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| RECORDS |

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| **Fuel Oil** | | | |  | **Noon Total** | | | |
| **Remaining** | {#4}{fuelOilRemaining}{/4} | litre | |  | **Hours Under Weight** | | {#4}{noonTotalHoursUnderWeigh}{/4} | hrs |
| **Received** | {#4}{fuelOilReceived}{/4} | litre | |  | **Hours Propelling** | | {#4}{noonTotalHoursPropelling}{/4} | hrs |
| **Balance** | {#4}{fuelOilBalance}{/4} | litre | |  | **Revolution On Counter** | | {#4}{noonTotalRevolutionOnCounter}{/4} | nautical miles |
| **Total** | {#4}{fuelOilTotal}{/4} | litre | |  | **Distance Run Log** | | {#4}{noonTotalDistanceRunLog}{/4} | nautical miles |
|  | | | |  | **Distance Run O.G** | | {#4}{noonTotalDistanceRunOG}{/4} |  |
| **Lub Oil** | | | |  | **Distance Run Prop.** | | {#4}{noonTotalDistanceRunProp}{/4} |  |
| **Cylinder** | {#4}{cylinderLubOil}{/4} |  | |  | **Speed** | | {#4}{noonTotalSpeed}{/4} |  |
| **Bearing** | {#4}{bearingLubOil}{/4} |  | |  | **Ship** | | {#4}{noonTotalShip}{/4} |  |
|  |  | | |  | **Time Correction** | | {#4}{noonTotalTimeCorrection}{/4} |  |
| **FO Addition** | {#4}{FOaddition}{/4} | |  |  | **RPM** | | {#4}{noonTotalRPM}{/4} | R.P.M |
| **Boiler Water** | {#4}{boilerWater}{/4} | |  |  |  |  | |  |
|  |  |  | |  |  |  | |  |
| **Main Engine Total FO Consumption** | {#4}{mainEngineTotalFOConsumption}{/4} | litre | |  |  |  | |  |
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| GENERAL |

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| **Departure Port** | {#4}{departurePort}{/4} |  | **Watch** | {#4}{watch}{/4} |
| **Departure Time** | {#4}{departureTime}{/4} |  | **Handle Notch** | {#4}{handleNotch}{/4} |
| **Arrival Port** | {#4}{arrivalPort}{/4} |  | **Distance Run** | {#4}{distanceRun}{/4} |
| **Arrival Time** | {#4}{arrivalTime}{/4} |  | **Wind Force** | {#4}{windForce}{/4} |
| **Departure Draft – Fwd** | {#4}{departureDraftFwd}{/4} |  | **Wind Direction** | {#4}{windDirection}{/4} |
| **Departure Draft – Aft** | {#4}{departureDraftAft}{/4} |  | **Weather** | {#4}{weather}{/4} |
| **Arrival Draft – Fwd** | {#4}{arrivalDraftFwd}{/4} |  | **Sea of State** | {#4}{seaState}{/4} |
| **Arrival Draft – Aft** | {#4}{arrivalDraftAFt}{/4} |  | **Remarks** | {#4}{remarks}{/4} |

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| TANK |

|  |  |  |  |  |  |  |
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| **Main Engine Service** | | |  |  |  | |
| **FO Tank P Level** | {#4}{mainEngineServiceFOTankPLevel}{/4} | m |  |  |  | |
| **FO Tank S Level** | {#4}{mainEngineServiceFOTankSLevel}{/4} | m |  |  |  | |
|  |  | |  |  |  | |
| **FO Tank Condition** | | |  |  |  | |
| **FO Tank P Condition** | {#4}{FOTankPCondition}{/4} | |  |  |  | |
| **FO Tank S Condition** | {#4}{FOTankSCondition}{/4} | |  |  |  | |
|  |  | |  |  |  |  |
| **L.O Drain Tank** | | |  |  |  |  |
| **L.O Drain Tank** | {#4}{loDrainTank}{/4} | |  |  |  |  |

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| TEST RESULT |

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| **Lub Oil** | | |  | **Boiler Water** | |
| **Flash Point** | {#4}{lubOilFlashPoint}{/4} |  |  | **Salinity** | {#4}{boilerWaterSalinity}{/4} |
| **Viscosity** | {#4}{lubOilViscosity}{/4} | CSt’ at 40 degC |  | **Alkalinity** | {#4}{boilerWaterAlkanlinity}{/4} |
| **Total Base No.** | {#4}{lubOilTotalBaseNo}{/4} |  |  | **P.H.** | {#4}{boilerWaterPH}{/4} |
| **Insoluble Matter** | {#4}{lubOilInsolubleMatter}{/4} | wt % |  | **Phosphate** | {#4}{boilerWaterPhosphate}{/4} |
| **Water Content** | {#4}{lubOilWaterContent}{/4} | vol% |  |  |  |

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| GENERATOR 1 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#4}{#alternator1}{workingHours}{/alternator1}{/4} | hrs |  | **LO no. (lowest)** | {#4}{#mainEngine1}{turboChargerLONoLowest}{/mainEngine1}{/4} |  |
| **Dynamo No. 1 Amp** | {#4}{#alternator1}{amp}{/alternator1}{/4} | Amp |  | **LO no. (highest)** | {#4}{#mainEngine1}{turboChargerLONoHighest}{/mainEngine1}{/4} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#4}{#alternator1}{scavengeAirPressure}{/alternator1}{/4} | bar |  | **Air Cooler Outlet Temperature** | {#4}{#mainEngine1}{turboChargerAirCoolerOutletTemperature}{/mainEngine1}{/4} | °C |
| **Dynamo No. 1 LO Pressure** | {#4}{#alternator1}{loPressure}{/alternator1}{/4} | bar |  | **LO Lowest Temperature** | {#4}{#mainEngine1}{turboChargerLOLowestTemperature}{/mainEngine1}{/4} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#4}{#alternator1}{jacketCoolPressure}{/alternator1}{/4} | bar |  | **LO Highest Temperature** | {#4}{#mainEngine1}{turboChargerLOHighestTemperature}{/mainEngine1}{/4} | °C |
|  | | |  | **LO Pressure** | {#4}{#mainEngine1}{turboChargerLoPressure}{/mainEngine1}{/4} | bar |
| **Scavenge Air Pressure** | {#4}{#mainEngine1}{scavengeAirPressure}{/mainEngine1}{/4} | bar |  | **Exhaust Gas Inlet Temperature** | {#4}{#mainEngine1}{turboChargerExhaustGasInletTemperature}{/mainEngine1}{/4} | °C |
| **Bearing Oil Pressure** | {#4}{#mainEngine1}{bearingOilPressure}{/mainEngine1}{/4} | bar |  | **Exhaust Gas Outlet Temperature** | {#4}{#mainEngine1}{turboChargerExhaustGasOutletTemperature}{/mainEngine1}{/4} | °C |
| **Ambient Temperature** | {#4}{#mainEngine1}{ambientTemperature}{/mainEngine1}{/4} | °C |  | **RPM** | {#4}{#mainEngine1}{turboChargerRPM}{/mainEngine1}{/4} | R.P.M |
| **Thrust Bearing Temperature Data** | {#4}{#mainEngine1}{thrustBearingTemperature}{/mainEngine1}{/4} | °C |  |  |  |  |
| **(Engine) RPM** | {#4}{#mainEngine1}{rpm}{/mainEngine1}{/4} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#4}{#mainEngine1}{pistonCoolingPressure}{/mainEngine1}{/4} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#4}{#mainEngine1}{pistonCoolingOutletNoLowest}{/mainEngine1}{/4} |  |
| **Pressure** | {#4}{#mainEngine1}{coolingSWPressure}{/mainEngine1}{/4} | bar |  | **Outlet No. (Highest)** | {#4}{#mainEngine1}{pistonCoolingOutletNoHighest}{/mainEngine1}{/4} |  |
| **Temperature** | {#4}{#mainEngine1}{SWTemperature}{/mainEngine1}{/4} | °C |  | **Inlet Temperature** | {#4}{#mainEngine1}{pistonCoolingInletTemperature}{/mainEngine1}{/4} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#4}{#mainEngine1}{pistonCoolingOutletLowestTemperature}{/mainEngine1}{/4} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#4}{#mainEngine1}{pistonCoolingOutletHighestTemperature}{/mainEngine1}{/4} | °C |
| **Cylinder 01A** | {#4}{#mainEngine1}{cylinder1AExhaustGasTemperature}{/mainEngine1}{/4} | °C |  |  | | |
| **Cylinder 02A** | {#4}{#mainEngine1}{cylinder2AExhaustGasTemperature}{/mainEngine1}{/4} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#4}{#mainEngine1}{cylinder3AExhaustGasTemperature}{/mainEngine1}{/4} | °C |  | **Inlet Temperature** | {#4}{#mainEngine1}{jacketCoolingInletTemperature}{/mainEngine1}{/4} | bar |
| **Cylinder 04A** | {#4}{#mainEngine1}{cylinder4AExhaustGasTemperature}{/mainEngine1}{/4} | °C |  | **Outlet No. (Lowest)** | {#4}{#mainEngine1}{jacketCoolingOutletNoLowest}{/mainEngine1}{/4} |  |
| **Cylinder 05A** | {#4}{#mainEngine1}{cylinder5AExhaustGasTemperature}{/mainEngine1}{/4} | °C |  | **Outlet No. (Highest)** | {#4}{#mainEngine1}{jacketCoolingOutletNoHighest}{/mainEngine1}{/4} | °C |
| **Cylinder 06A** | {#4}{#mainEngine1}{cylinder6AExhaustGasTemperature}{/mainEngine1}{/4} | °C |  | **Outlet Lowest Temperature** | {#4}{#mainEngine1}{jacketCoolingOutletLowestTemperature}{/mainEngine1}{/4} | °C |
|  | | |  | **Outlet Highest Temperature** | {#4}{#mainEngine1}{jacketCoolingOutletHighestTemperature}{/mainEngine1}{/4} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#4}{#mainEngine1}{cylinder1APressure}{/mainEngine1}{/4} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#4}{#mainEngine1}{cylinder2APressure}{/mainEngine1}{/4} | bar |  | **LO Cooler Inlet Temperature Data** | {#4}{#mainEngine1}{LOCoolerInletTemperature}{/mainEngine1}{/4} | °C |
| **Cylinder 03A** | {#4}{#mainEngine1}{cylinder3APressure}{/mainEngine1}{/4} | bar |  | **LO Cooler Outlet Temperature Data** | {#4}{#mainEngine1}{LOCoolerOutletTemperature}{/mainEngine1}{/4} | °C |
| **Cylinder 04A** | {#4}{#mainEngine1}{cylinder4APressure}{/mainEngine1}{/4} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#4}{#mainEngine1}{dynamoLOCoolerInletTemperature}{/mainEngine1}{/4} | °C |
| **Cylinder 05A** | {#4}{#mainEngine1}{cylinder5APressure}{/mainEngine1}{/4} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#4}{#mainEngine1}{dynamoLOCoolerOutletTemperature}{/mainEngine1}{/4} | °C |
| **Cylinder 06A** | {#4}{#mainEngine1}{cylinder6APressure}{/mainEngine1}{/4} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#4}{#mainEngine1}{FOPressure}{/mainEngine1}{/4} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#4}{#mainEngine1}{FOHeaterOutletTemperature}{/mainEngine1}{/4} | bar |

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| GENERATOR 2 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#4}{#alternator2}{workingHours}{/alternator2}{/4} | hrs |  | **LO no. (lowest)** | {#4}{#mainEngine2}{turboChargerLONoLowest}{/mainEngine2}{/4} |  |
| **Dynamo No. 1 Amp** | {#4}{#alternator2}{amp}{/alternator2}{/4} | Amp |  | **LO no. (highest)** | {#4}{#mainEngine2}{turboChargerLONoHighest}{/mainEngine2}{/4} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#4}{#alternator2}{scavengeAirPressure}{/alternator2}{/4} | bar |  | **Air Cooler Outlet Temperature** | {#4}{#mainEngine2}{turboChargerAirCoolerOutletTemperature}{/mainEngine2}{/4} | °C |
| **Dynamo No. 1 LO Pressure** | {#4}{#alternator2}{loPressure}{/alternator2}{/4} | bar |  | **LO Lowest Temperature** | {#4}{#mainEngine2}{turboChargerLOLowestTemperature}{/mainEngine2}{/4} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#4}{#alternator2}{jacketCoolPressure}{/alternator2}{/4} | bar |  | **LO Highest Temperature** | {#4}{#mainEngine2}{turboChargerLOHighestTemperature}{/mainEngine2}{/4} | °C |
|  | | |  | **LO Pressure** | {#4}{#mainEngine2}{turboChargerLoPressure}{/mainEngine2}{/4} | bar |
| **Scavenge Air Pressure** | {#4}{#mainEngine2}{scavengeAirPressure}{/mainEngine2}{/4} | bar |  | **Exhaust Gas Inlet Temperature** | {#4}{#mainEngine2}{turboChargerExhaustGasInletTemperature}{/mainEngine2}{/4} | °C |
| **Bearing Oil Pressure** | {#4}{#mainEngine2}{bearingOilPressure}{/mainEngine2}{/4} | bar |  | **Exhaust Gas Outlet Temperature** | {#4}{#mainEngine2}{turboChargerExhaustGasOutletTemperature}{/mainEngine2}{/4} | °C |
| **Ambient Temperature** | {#4}{#mainEngine2}{ambientTemperature}{/mainEngine2}{/4} | °C |  | **RPM** | {#4}{#mainEngine2}{turboChargerRPM}{/mainEngine2}{/4} | R.P.M |
| **Thrust Bearing Temperature Data** | {#4}{#mainEngine2}{thrustBearingTemperature}{/mainEngine2}{/4} | °C |  |  |  |  |
| **(Engine) RPM** | {#4}{#mainEngine2}{rpm}{/mainEngine2}{/4} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#4}{#mainEngine2}{pistonCoolingPressure}{/mainEngine2}{/4} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#4}{#mainEngine2}{pistonCoolingOutletNoLowest}{/mainEngine2}{/4} |  |
| **Pressure** | {#4}{#mainEngine2}{coolingSWPressure}{/mainEngine2}{/4} | bar |  | **Outlet No. (Highest)** | {#4}{#mainEngine2}{pistonCoolingOutletNoHighest}{/mainEngine2}{/4} |  |
| **Temperature** | {#4}{#mainEngine2}{SWTemperature}{/mainEngine2}{/4} | °C |  | **Inlet Temperature** | {#4}{#mainEngine2}{pistonCoolingInletTemperature}{/mainEngine2}{/4} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#4}{#mainEngine2}{pistonCoolingOutletLowestTemperature}{/mainEngine2}{/4} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#4}{#mainEngine2}{pistonCoolingOutletHighestTemperature}{/mainEngine2}{/4} | °C |
| **Cylinder 01A** | {#4}{#mainEngine2}{cylinder1AExhaustGasTemperature}{/mainEngine2}{/4} | °C |  |  | | |
| **Cylinder 02A** | {#4}{#mainEngine2}{cylinder2AExhaustGasTemperature}{/mainEngine2}{/4} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#4}{#mainEngine2}{cylinder3AExhaustGasTemperature}{/mainEngine2}{/4} | °C |  | **Inlet Temperature** | {#4}{#mainEngine2}{jacketCoolingInletTemperature}{/mainEngine2}{/4} | bar |
| **Cylinder 04A** | {#4}{#mainEngine2}{cylinder4AExhaustGasTemperature}{/mainEngine2}{/4} | °C |  | **Outlet No. (Lowest)** | {#4}{#mainEngine2}{jacketCoolingOutletNoLowest}{/mainEngine2}{/4} |  |
| **Cylinder 05A** | {#4}{#mainEngine2}{cylinder5AExhaustGasTemperature}{/mainEngine2}{/4} | °C |  | **Outlet No. (Highest)** | {#4}{#mainEngine2}{jacketCoolingOutletNoHighest}{/mainEngine2}{/4} | °C |
| **Cylinder 06A** | {#4}{#mainEngine2}{cylinder6AExhaustGasTemperature}{/mainEngine2}{/4} | °C |  | **Outlet Lowest Temperature** | {#4}{#mainEngine2}{jacketCoolingOutletLowestTemperature}{/mainEngine2}{/4} | °C |
|  | | |  | **Outlet Highest Temperature** | {#4}{#mainEngine2}{jacketCoolingOutletHighestTemperature}{/mainEngine2}{/4} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#4}{#mainEngine2}{cylinder1APressure}{/mainEngine2}{/4} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#4}{#mainEngine2}{cylinder2APressure}{/mainEngine2}{/4} | bar |  | **LO Cooler Inlet Temperature Data** | {#4}{#mainEngine2}{LOCoolerInletTemperature}{/mainEngine2}{/4} | °C |
| **Cylinder 03A** | {#4}{#mainEngine2}{cylinder3APressure}{/mainEngine2}{/4} | bar |  | **LO Cooler Outlet Temperature Data** | {#4}{#mainEngine2}{LOCoolerOutletTemperature}{/mainEngine2}{/4} | °C |
| **Cylinder 04A** | {#4}{#mainEngine2}{cylinder4APressure}{/mainEngine2}{/4} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#4}{#mainEngine2}{dynamoLOCoolerInletTemperature}{/mainEngine2}{/4} | °C |
| **Cylinder 05A** | {#4}{#mainEngine2}{cylinder5APressure}{/mainEngine2}{/4} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#4}{#mainEngine2}{dynamoLOCoolerOutletTemperature}{/mainEngine2}{/4} | °C |
| **Cylinder 06A** | {#4}{#mainEngine2}{cylinder6APressure}{/mainEngine2}{/4} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#4}{#mainEngine2}{FOPressure}{/mainEngine2}{/4} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#4}{#mainEngine2}{FOHeaterOutletTemperature}{/mainEngine2}{/4} | bar |

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| GENERATOR 3 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#4}{#alternator3}{workingHours}{/alternator3}{/4} | hrs |  | **LO no. (lowest)** | {#4}{#mainEngine3}{turboChargerLONoLowest}{/mainEngine3}{/4} |  |
| **Dynamo No. 1 Amp** | {#4}{#alternator3}{amp}{/alternator3}{/4} | Amp |  | **LO no. (highest)** | {#4}{#mainEngine3}{turboChargerLONoHighest}{/mainEngine3}{/4} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#4}{#alternator3}{scavengeAirPressure}{/alternator3}{/4} | bar |  | **Air Cooler Outlet Temperature** | {#4}{#mainEngine3}{turboChargerAirCoolerOutletTemperature}{/mainEngine3}{/4} | °C |
| **Dynamo No. 1 LO Pressure** | {#4}{#alternator3}{loPressure}{/alternator3}{/4} | bar |  | **LO Lowest Temperature** | {#4}{#mainEngine3}{turboChargerLOLowestTemperature}{/mainEngine3}{/4} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#4}{#alternator3}{jacketCoolPressure}{/alternator3}{/4} | bar |  | **LO Highest Temperature** | {#4}{#mainEngine3}{turboChargerLOHighestTemperature}{/mainEngine3}{/4} | °C |
|  | | |  | **LO Pressure** | {#4}{#mainEngine3}{turboChargerLoPressure}{/mainEngine3}{/4} | bar |
| **Scavenge Air Pressure** | {#4}{#mainEngine3}{scavengeAirPressure}{/mainEngine3}{/4} | bar |  | **Exhaust Gas Inlet Temperature** | {#4}{#mainEngine3}{turboChargerExhaustGasInletTemperature}{/mainEngine3}{/4} | °C |
| **Bearing Oil Pressure** | {#4}{#mainEngine3}{bearingOilPressure}{/mainEngine3}{/4} | bar |  | **Exhaust Gas Outlet Temperature** | {#4}{#mainEngine3}{turboChargerExhaustGasOutletTemperature}{/mainEngine3}{/4} | °C |
| **Ambient Temperature** | {#4}{#mainEngine3}{ambientTemperature}{/mainEngine3}{/4} | °C |  | **RPM** | {#4}{#mainEngine3}{turboChargerRPM}{/mainEngine3}{/4} | R.P.M |
| **Thrust Bearing Temperature Data** | {#4}{#mainEngine3}{thrustBearingTemperature}{/mainEngine3}{/4} | °C |  |  |  |  |
| **(Engine) RPM** | {#4}{#mainEngine3}{rpm}{/mainEngine3}{/4} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#4}{#mainEngine3}{pistonCoolingPressure}{/mainEngine3}{/4} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#4}{#mainEngine3}{pistonCoolingOutletNoLowest}{/mainEngine3}{/4} |  |
| **Pressure** | {#4}{#mainEngine3}{coolingSWPressure}{/mainEngine3}{/4} | bar |  | **Outlet No. (Highest)** | {#4}{#mainEngine3}{pistonCoolingOutletNoHighest}{/mainEngine3}{/4} |  |
| **Temperature** | {#4}{#mainEngine3}{SWTemperature}{/mainEngine3}{/4} | °C |  | **Inlet Temperature** | {#4}{#mainEngine3}{pistonCoolingInletTemperature}{/mainEngine3}{/4} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#4}{#mainEngine3}{pistonCoolingOutletLowestTemperature}{/mainEngine3}{/4} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#4}{#mainEngine3}{pistonCoolingOutletHighestTemperature}{/mainEngine3}{/4} | °C |
| **Cylinder 01A** | {#4}{#mainEngine3}{cylinder1AExhaustGasTemperature}{/mainEngine3}{/4} | °C |  |  | | |
| **Cylinder 02A** | {#4}{#mainEngine3}{cylinder2AExhaustGasTemperature}{/mainEngine3}{/4} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#4}{#mainEngine3}{cylinder3AExhaustGasTemperature}{/mainEngine3}{/4} | °C |  | **Inlet Temperature** | {#4}{#mainEngine3}{jacketCoolingInletTemperature}{/mainEngine3}{/4} | bar |
| **Cylinder 04A** | {#4}{#mainEngine3}{cylinder4AExhaustGasTemperature}{/mainEngine3}{/4} | °C |  | **Outlet No. (Lowest)** | {#4}{#mainEngine3}{jacketCoolingOutletNoLowest}{/mainEngine3}{/4} |  |
| **Cylinder 05A** | {#4}{#mainEngine3}{cylinder5AExhaustGasTemperature}{/mainEngine3}{/4} | °C |  | **Outlet No. (Highest)** | {#4}{#mainEngine3}{jacketCoolingOutletNoHighest}{/mainEngine3}{/4} | °C |
| **Cylinder 06A** | {#4}{#mainEngine3}{cylinder6AExhaustGasTemperature}{/mainEngine3}{/4} | °C |  | **Outlet Lowest Temperature** | {#4}{#mainEngine3}{jacketCoolingOutletLowestTemperature}{/mainEngine3}{/4} | °C |
|  | | |  | **Outlet Highest Temperature** | {#4}{#mainEngine3}{jacketCoolingOutletHighestTemperature}{/mainEngine3}{/4} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#4}{#mainEngine3}{cylinder1APressure}{/mainEngine3}{/4} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#4}{#mainEngine3}{cylinder2APressure}{/mainEngine3}{/4} | bar |  | **LO Cooler Inlet Temperature Data** | {#4}{#mainEngine3}{LOCoolerInletTemperature}{/mainEngine3}{/4} | °C |
| **Cylinder 03A** | {#4}{#mainEngine3}{cylinder3APressure}{/mainEngine3}{/4} | bar |  | **LO Cooler Outlet Temperature Data** | {#4}{#mainEngine3}{LOCoolerOutletTemperature}{/mainEngine3}{/4} | °C |
| **Cylinder 04A** | {#4}{#mainEngine3}{cylinder4APressure}{/mainEngine3}{/4} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#4}{#mainEngine3}{dynamoLOCoolerInletTemperature}{/mainEngine3}{/4} | °C |
| **Cylinder 05A** | {#4}{#mainEngine3}{cylinder5APressure}{/mainEngine3}{/4} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#4}{#mainEngine3}{dynamoLOCoolerOutletTemperature}{/mainEngine3}{/4} | °C |
| **Cylinder 06A** | {#4}{#mainEngine3}{cylinder6APressure}{/mainEngine3}{/4} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#4}{#mainEngine3}{FOPressure}{/mainEngine3}{/4} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#4}{#mainEngine3}{FOHeaterOutletTemperature}{/mainEngine3}{/4} | bar |

**Engine Log**

{generatedDate}, 2001 - 0000

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| RECORDS |

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| **Fuel Oil** | | | |  | **Noon Total** | | | |
| **Remaining** | {#5}{fuelOilRemaining}{/5} | litre | |  | **Hours Under Weight** | | {#5}{noonTotalHoursUnderWeigh}{/5} | hrs |
| **Received** | {#5}{fuelOilReceived}{/5} | litre | |  | **Hours Propelling** | | {#5}{noonTotalHoursPropelling}{/5} | hrs |
| **Balance** | {#5}{fuelOilBalance}{/5} | litre | |  | **Revolution On Counter** | | {#5}{noonTotalRevolutionOnCounter}{/5} | nautical miles |
| **Total** | {#5}{fuelOilTotal}{/5} | litre | |  | **Distance Run Log** | | {#5}{noonTotalDistanceRunLog}{/5} | nautical miles |
|  | | | |  | **Distance Run O.G** | | {#5}{noonTotalDistanceRunOG}{/5} |  |
| **Lub Oil** | | | |  | **Distance Run Prop.** | | {#5}{noonTotalDistanceRunProp}{/5} |  |
| **Cylinder** | {#5}{cylinderLubOil}{/5} |  | |  | **Speed** | | {#5}{noonTotalSpeed}{/5} |  |
| **Bearing** | {#5}{bearingLubOil}{/5} |  | |  | **Ship** | | {#5}{noonTotalShip}{/5} |  |
|  |  | | |  | **Time Correction** | | {#5}{noonTotalTimeCorrection}{/5} |  |
| **FO Addition** | {#5}{FOaddition}{/5} | |  |  | **RPM** | | {#5}{noonTotalRPM}{/5} | R.P.M |
| **Boiler Water** | {#5}{boilerWater}{/5} | |  |  |  |  | |  |
|  |  |  | |  |  |  | |  |
| **Main Engine Total FO Consumption** | {#5}{mainEngineTotalFOConsumption}{/5} | litre | |  |  |  | |  |
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| GENERAL |

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| **Departure Port** | {#5}{departurePort}{/5} |  | **Watch** | {#5}{watch}{/5} |
| **Departure Time** | {#5}{departureTime}{/5} |  | **Handle Notch** | {#5}{handleNotch}{/5} |
| **Arrival Port** | {#5}{arrivalPort}{/5} |  | **Distance Run** | {#5}{distanceRun}{/5} |
| **Arrival Time** | {#5}{arrivalTime}{/5} |  | **Wind Force** | {#5}{windForce}{/5} |
| **Departure Draft – Fwd** | {#5}{departureDraftFwd}{/5} |  | **Wind Direction** | {#5}{windDirection}{/5} |
| **Departure Draft – Aft** | {#5}{departureDraftAft}{/5} |  | **Weather** | {#5}{weather}{/5} |
| **Arrival Draft – Fwd** | {#5}{arrivalDraftFwd}{/5} |  | **Sea of State** | {#5}{seaState}{/5} |
| **Arrival Draft – Aft** | {#5}{arrivalDraftAFt}{/5} |  | **Remarks** | {#5}{remarks}{/5} |

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| TANK |

|  |  |  |  |  |  |  |
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| **Main Engine Service** | | |  |  |  | |
| **FO Tank P Level** | {#5}{mainEngineServiceFOTankPLevel}{/5} | m |  |  |  | |
| **FO Tank S Level** | {#5}{mainEngineServiceFOTankSLevel}{/5} | m |  |  |  | |
|  |  | |  |  |  | |
| **FO Tank Condition** | | |  |  |  | |
| **FO Tank P Condition** | {#5}{FOTankPCondition}{/5} | |  |  |  | |
| **FO Tank S Condition** | {#5}{FOTankSCondition}{/5} | |  |  |  | |
|  |  | |  |  |  |  |
| **L.O Drain Tank** | | |  |  |  |  |
| **L.O Drain Tank** | {#5}{loDrainTank}{/5} | |  |  |  |  |

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| TEST RESULT |

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| **Lub Oil** | | |  | **Boiler Water** | |
| **Flash Point** | {#5}{lubOilFlashPoint}{/5} |  |  | **Salinity** | {#5}{boilerWaterSalinity}{/5} |
| **Viscosity** | {#5}{lubOilViscosity}{/5} | CSt’ at 40 degC |  | **Alkalinity** | {#5}{boilerWaterAlkanlinity}{/5} |
| **Total Base No.** | {#5}{lubOilTotalBaseNo}{/5} |  |  | **P.H.** | {#5}{boilerWaterPH}{/5} |
| **Insoluble Matter** | {#5}{lubOilInsolubleMatter}{/5} | wt % |  | **Phosphate** | {#5}{boilerWaterPhosphate}{/5} |
| **Water Content** | {#5}{lubOilWaterContent}{/5} | vol% |  |  |  |

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| GENERATOR 1 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#5}{#alternator1}{workingHours}{/alternator1}{/5} | hrs |  | **LO no. (lowest)** | {#5}{#mainEngine1}{turboChargerLONoLowest}{/mainEngine1}{/5} |  |
| **Dynamo No. 1 Amp** | {#5}{#alternator1}{amp}{/alternator1}{/5} | Amp |  | **LO no. (highest)** | {#5}{#mainEngine1}{turboChargerLONoHighest}{/mainEngine1}{/5} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#5}{#alternator1}{scavengeAirPressure}{/alternator1}{/5} | bar |  | **Air Cooler Outlet Temperature** | {#5}{#mainEngine1}{turboChargerAirCoolerOutletTemperature}{/mainEngine1}{/5} | °C |
| **Dynamo No. 1 LO Pressure** | {#5}{#alternator1}{loPressure}{/alternator1}{/5} | bar |  | **LO Lowest Temperature** | {#5}{#mainEngine1}{turboChargerLOLowestTemperature}{/mainEngine1}{/5} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#5}{#alternator1}{jacketCoolPressure}{/alternator1}{/5} | bar |  | **LO Highest Temperature** | {#5}{#mainEngine1}{turboChargerLOHighestTemperature}{/mainEngine1}{/5} | °C |
|  | | |  | **LO Pressure** | {#5}{#mainEngine1}{turboChargerLoPressure}{/mainEngine1}{/5} | bar |
| **Scavenge Air Pressure** | {#5}{#mainEngine1}{scavengeAirPressure}{/mainEngine1}{/5} | bar |  | **Exhaust Gas Inlet Temperature** | {#5}{#mainEngine1}{turboChargerExhaustGasInletTemperature}{/mainEngine1}{/5} | °C |
| **Bearing Oil Pressure** | {#5}{#mainEngine1}{bearingOilPressure}{/mainEngine1}{/5} | bar |  | **Exhaust Gas Outlet Temperature** | {#5}{#mainEngine1}{turboChargerExhaustGasOutletTemperature}{/mainEngine1}{/5} | °C |
| **Ambient Temperature** | {#5}{#mainEngine1}{ambientTemperature}{/mainEngine1}{/5} | °C |  | **RPM** | {#5}{#mainEngine1}{turboChargerRPM}{/mainEngine1}{/5} | R.P.M |
| **Thrust Bearing Temperature Data** | {#5}{#mainEngine1}{thrustBearingTemperature}{/mainEngine1}{/5} | °C |  |  |  |  |
| **(Engine) RPM** | {#5}{#mainEngine1}{rpm}{/mainEngine1}{/5} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#5}{#mainEngine1}{pistonCoolingPressure}{/mainEngine1}{/5} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#5}{#mainEngine1}{pistonCoolingOutletNoLowest}{/mainEngine1}{/5} |  |
| **Pressure** | {#5}{#mainEngine1}{coolingSWPressure}{/mainEngine1}{/5} | bar |  | **Outlet No. (Highest)** | {#5}{#mainEngine1}{pistonCoolingOutletNoHighest}{/mainEngine1}{/5} |  |
| **Temperature** | {#5}{#mainEngine1}{SWTemperature}{/mainEngine1}{/5} | °C |  | **Inlet Temperature** | {#5}{#mainEngine1}{pistonCoolingInletTemperature}{/mainEngine1}{/5} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#5}{#mainEngine1}{pistonCoolingOutletLowestTemperature}{/mainEngine1}{/5} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#5}{#mainEngine1}{pistonCoolingOutletHighestTemperature}{/mainEngine1}{/5} | °C |
| **Cylinder 01A** | {#5}{#mainEngine1}{cylinder1AExhaustGasTemperature}{/mainEngine1}{/5} | °C |  |  | | |
| **Cylinder 02A** | {#5}{#mainEngine1}{cylinder2AExhaustGasTemperature}{/mainEngine1}{/5} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#5}{#mainEngine1}{cylinder3AExhaustGasTemperature}{/mainEngine1}{/5} | °C |  | **Inlet Temperature** | {#5}{#mainEngine1}{jacketCoolingInletTemperature}{/mainEngine1}{/5} | bar |
| **Cylinder 04A** | {#5}{#mainEngine1}{cylinder4AExhaustGasTemperature}{/mainEngine1}{/5} | °C |  | **Outlet No. (Lowest)** | {#5}{#mainEngine1}{jacketCoolingOutletNoLowest}{/mainEngine1}{/5} |  |
| **Cylinder 05A** | {#5}{#mainEngine1}{cylinder5AExhaustGasTemperature}{/mainEngine1}{/5} | °C |  | **Outlet No. (Highest)** | {#5}{#mainEngine1}{jacketCoolingOutletNoHighest}{/mainEngine1}{/5} | °C |
| **Cylinder 06A** | {#5}{#mainEngine1}{cylinder6AExhaustGasTemperature}{/mainEngine1}{/5} | °C |  | **Outlet Lowest Temperature** | {#5}{#mainEngine1}{jacketCoolingOutletLowestTemperature}{/mainEngine1}{/5} | °C |
|  | | |  | **Outlet Highest Temperature** | {#5}{#mainEngine1}{jacketCoolingOutletHighestTemperature}{/mainEngine1}{/5} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#5}{#mainEngine1}{cylinder1APressure}{/mainEngine1}{/5} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#5}{#mainEngine1}{cylinder2APressure}{/mainEngine1}{/5} | bar |  | **LO Cooler Inlet Temperature Data** | {#5}{#mainEngine1}{LOCoolerInletTemperature}{/mainEngine1}{/5} | °C |
| **Cylinder 03A** | {#5}{#mainEngine1}{cylinder3APressure}{/mainEngine1}{/5} | bar |  | **LO Cooler Outlet Temperature Data** | {#5}{#mainEngine1}{LOCoolerOutletTemperature}{/mainEngine1}{/5} | °C |
| **Cylinder 04A** | {#5}{#mainEngine1}{cylinder4APressure}{/mainEngine1}{/5} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#5}{#mainEngine1}{dynamoLOCoolerInletTemperature}{/mainEngine1}{/5} | °C |
| **Cylinder 05A** | {#5}{#mainEngine1}{cylinder5APressure}{/mainEngine1}{/5} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#5}{#mainEngine1}{dynamoLOCoolerOutletTemperature}{/mainEngine1}{/5} | °C |
| **Cylinder 06A** | {#5}{#mainEngine1}{cylinder6APressure}{/mainEngine1}{/5} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#5}{#mainEngine1}{FOPressure}{/mainEngine1}{/5} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#5}{#mainEngine1}{FOHeaterOutletTemperature}{/mainEngine1}{/5} | bar |

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| GENERATOR 2 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#5}{#alternator2}{workingHours}{/alternator2}{/5} | hrs |  | **LO no. (lowest)** | {#5}{#mainEngine2}{turboChargerLONoLowest}{/mainEngine2}{/5} |  |
| **Dynamo No. 1 Amp** | {#5}{#alternator2}{amp}{/alternator2}{/5} | Amp |  | **LO no. (highest)** | {#5}{#mainEngine2}{turboChargerLONoHighest}{/mainEngine2}{/5} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#5}{#alternator2}{scavengeAirPressure}{/alternator2}{/5} | bar |  | **Air Cooler Outlet Temperature** | {#5}{#mainEngine2}{turboChargerAirCoolerOutletTemperature}{/mainEngine2}{/5} | °C |
| **Dynamo No. 1 LO Pressure** | {#5}{#alternator2}{loPressure}{/alternator2}{/5} | bar |  | **LO Lowest Temperature** | {#5}{#mainEngine2}{turboChargerLOLowestTemperature}{/mainEngine2}{/5} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#5}{#alternator2}{jacketCoolPressure}{/alternator2}{/5} | bar |  | **LO Highest Temperature** | {#5}{#mainEngine2}{turboChargerLOHighestTemperature}{/mainEngine2}{/5} | °C |
|  | | |  | **LO Pressure** | {#5}{#mainEngine2}{turboChargerLoPressure}{/mainEngine2}{/5} | bar |
| **Scavenge Air Pressure** | {#5}{#mainEngine2}{scavengeAirPressure}{/mainEngine2}{/5} | bar |  | **Exhaust Gas Inlet Temperature** | {#5}{#mainEngine2}{turboChargerExhaustGasInletTemperature}{/mainEngine2}{/5} | °C |
| **Bearing Oil Pressure** | {#5}{#mainEngine2}{bearingOilPressure}{/mainEngine2}{/5} | bar |  | **Exhaust Gas Outlet Temperature** | {#5}{#mainEngine2}{turboChargerExhaustGasOutletTemperature}{/mainEngine2}{/5} | °C |
| **Ambient Temperature** | {#5}{#mainEngine2}{ambientTemperature}{/mainEngine2}{/5} | °C |  | **RPM** | {#5}{#mainEngine2}{turboChargerRPM}{/mainEngine2}{/5} | R.P.M |
| **Thrust Bearing Temperature Data** | {#5}{#mainEngine2}{thrustBearingTemperature}{/mainEngine2}{/5} | °C |  |  |  |  |
| **(Engine) RPM** | {#5}{#mainEngine2}{rpm}{/mainEngine2}{/5} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#5}{#mainEngine2}{pistonCoolingPressure}{/mainEngine2}{/5} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#5}{#mainEngine2}{pistonCoolingOutletNoLowest}{/mainEngine2}{/5} |  |
| **Pressure** | {#5}{#mainEngine2}{coolingSWPressure}{/mainEngine2}{/5} | bar |  | **Outlet No. (Highest)** | {#5}{#mainEngine2}{pistonCoolingOutletNoHighest}{/mainEngine2}{/5} |  |
| **Temperature** | {#5}{#mainEngine2}{SWTemperature}{/mainEngine2}{/5} | °C |  | **Inlet Temperature** | {#5}{#mainEngine2}{pistonCoolingInletTemperature}{/mainEngine2}{/5} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#5}{#mainEngine2}{pistonCoolingOutletLowestTemperature}{/mainEngine2}{/5} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#5}{#mainEngine2}{pistonCoolingOutletHighestTemperature}{/mainEngine2}{/5} | °C |
| **Cylinder 01A** | {#5}{#mainEngine2}{cylinder1AExhaustGasTemperature}{/mainEngine2}{/5} | °C |  |  | | |
| **Cylinder 02A** | {#5}{#mainEngine2}{cylinder2AExhaustGasTemperature}{/mainEngine2}{/5} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#5}{#mainEngine2}{cylinder3AExhaustGasTemperature}{/mainEngine2}{/5} | °C |  | **Inlet Temperature** | {#5}{#mainEngine2}{jacketCoolingInletTemperature}{/mainEngine2}{/5} | bar |
| **Cylinder 04A** | {#5}{#mainEngine2}{cylinder4AExhaustGasTemperature}{/mainEngine2}{/5} | °C |  | **Outlet No. (Lowest)** | {#5}{#mainEngine2}{jacketCoolingOutletNoLowest}{/mainEngine2}{/5} |  |
| **Cylinder 05A** | {#5}{#mainEngine2}{cylinder5AExhaustGasTemperature}{/mainEngine2}{/5} | °C |  | **Outlet No. (Highest)** | {#5}{#mainEngine2}{jacketCoolingOutletNoHighest}{/mainEngine2}{/5} | °C |
| **Cylinder 06A** | {#5}{#mainEngine2}{cylinder6AExhaustGasTemperature}{/mainEngine2}{/5} | °C |  | **Outlet Lowest Temperature** | {#5}{#mainEngine2}{jacketCoolingOutletLowestTemperature}{/mainEngine2}{/5} | °C |
|  | | |  | **Outlet Highest Temperature** | {#5}{#mainEngine2}{jacketCoolingOutletHighestTemperature}{/mainEngine2}{/5} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#5}{#mainEngine2}{cylinder1APressure}{/mainEngine2}{/5} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#5}{#mainEngine2}{cylinder2APressure}{/mainEngine2}{/5} | bar |  | **LO Cooler Inlet Temperature Data** | {#5}{#mainEngine2}{LOCoolerInletTemperature}{/mainEngine2}{/5} | °C |
| **Cylinder 03A** | {#5}{#mainEngine2}{cylinder3APressure}{/mainEngine2}{/5} | bar |  | **LO Cooler Outlet Temperature Data** | {#5}{#mainEngine2}{LOCoolerOutletTemperature}{/mainEngine2}{/5} | °C |
| **Cylinder 04A** | {#5}{#mainEngine2}{cylinder4APressure}{/mainEngine2}{/5} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#5}{#mainEngine2}{dynamoLOCoolerInletTemperature}{/mainEngine2}{/5} | °C |
| **Cylinder 05A** | {#5}{#mainEngine2}{cylinder5APressure}{/mainEngine2}{/5} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#5}{#mainEngine2}{dynamoLOCoolerOutletTemperature}{/mainEngine2}{/5} | °C |
| **Cylinder 06A** | {#5}{#mainEngine2}{cylinder6APressure}{/mainEngine2}{/5} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#5}{#mainEngine2}{FOPressure}{/mainEngine2}{/5} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#5}{#mainEngine2}{FOHeaterOutletTemperature}{/mainEngine2}{/5} | bar |

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| GENERATOR 3 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Working Hours** | {#5}{#alternator3}{workingHours}{/alternator3}{/5} | hrs |  | **LO no. (lowest)** | {#5}{#mainEngine3}{turboChargerLONoLowest}{/mainEngine3}{/5} |  |
| **Dynamo No. 1 Amp** | {#5}{#alternator3}{amp}{/alternator3}{/5} | Amp |  | **LO no. (highest)** | {#5}{#mainEngine3}{turboChargerLONoHighest}{/mainEngine3}{/5} |  |
| **Dynamo No. 1 Scavenge Air Pressure** | {#5}{#alternator3}{scavengeAirPressure}{/alternator3}{/5} | bar |  | **Air Cooler Outlet Temperature** | {#5}{#mainEngine3}{turboChargerAirCoolerOutletTemperature}{/mainEngine3}{/5} | °C |
| **Dynamo No. 1 LO Pressure** | {#5}{#alternator3}{loPressure}{/alternator3}{/5} | bar |  | **LO Lowest Temperature** | {#5}{#mainEngine3}{turboChargerLOLowestTemperature}{/mainEngine3}{/5} | °C |
| **Dynamo No. 1 Jacket Cool Pressure** | {#5}{#alternator3}{jacketCoolPressure}{/alternator3}{/5} | bar |  | **LO Highest Temperature** | {#5}{#mainEngine3}{turboChargerLOHighestTemperature}{/mainEngine3}{/5} | °C |
|  | | |  | **LO Pressure** | {#5}{#mainEngine3}{turboChargerLoPressure}{/mainEngine3}{/5} | bar |
| **Scavenge Air Pressure** | {#5}{#mainEngine3}{scavengeAirPressure}{/mainEngine3}{/5} | bar |  | **Exhaust Gas Inlet Temperature** | {#5}{#mainEngine3}{turboChargerExhaustGasInletTemperature}{/mainEngine3}{/5} | °C |
| **Bearing Oil Pressure** | {#5}{#mainEngine3}{bearingOilPressure}{/mainEngine3}{/5} | bar |  | **Exhaust Gas Outlet Temperature** | {#5}{#mainEngine3}{turboChargerExhaustGasOutletTemperature}{/mainEngine3}{/5} | °C |
| **Ambient Temperature** | {#5}{#mainEngine3}{ambientTemperature}{/mainEngine3}{/5} | °C |  | **RPM** | {#5}{#mainEngine3}{turboChargerRPM}{/mainEngine3}{/5} | R.P.M |
| **Thrust Bearing Temperature Data** | {#5}{#mainEngine3}{thrustBearingTemperature}{/mainEngine3}{/5} | °C |  |  |  |  |
| **(Engine) RPM** | {#5}{#mainEngine3}{rpm}{/mainEngine3}{/5} | R.P.M |  | **Piston – Cooling** | | |
|  | | |  | **Pressure** | {#5}{#mainEngine3}{pistonCoolingPressure}{/mainEngine3}{/5} | bar |
| **Sea Water – Cooling** | | |  | **Outlet No. (Lowest)** | {#5}{#mainEngine3}{pistonCoolingOutletNoLowest}{/mainEngine3}{/5} |  |
| **Pressure** | {#5}{#mainEngine3}{coolingSWPressure}{/mainEngine3}{/5} | bar |  | **Outlet No. (Highest)** | {#5}{#mainEngine3}{pistonCoolingOutletNoHighest}{/mainEngine3}{/5} |  |
| **Temperature** | {#5}{#mainEngine3}{SWTemperature}{/mainEngine3}{/5} | °C |  | **Inlet Temperature** | {#5}{#mainEngine3}{pistonCoolingInletTemperature}{/mainEngine3}{/5} | °C |
|  | | |  | **Outlet Lowest Temperature** | {#5}{#mainEngine3}{pistonCoolingOutletLowestTemperature}{/mainEngine3}{/5} | °C |
| **Exhaust Gas Temperature** | | |  | **Outlet Highest Temperature** | {#5}{#mainEngine3}{pistonCoolingOutletHighestTemperature}{/mainEngine3}{/5} | °C |
| **Cylinder 01A** | {#5}{#mainEngine3}{cylinder1AExhaustGasTemperature}{/mainEngine3}{/5} | °C |  |  | | |
| **Cylinder 02A** | {#5}{#mainEngine3}{cylinder2AExhaustGasTemperature}{/mainEngine3}{/5} | °C |  | **Jacket – Cooling** | | |
| **Cylinder 03A** | {#5}{#mainEngine3}{cylinder3AExhaustGasTemperature}{/mainEngine3}{/5} | °C |  | **Inlet Temperature** | {#5}{#mainEngine3}{jacketCoolingInletTemperature}{/mainEngine3}{/5} | bar |
| **Cylinder 04A** | {#5}{#mainEngine3}{cylinder4AExhaustGasTemperature}{/mainEngine3}{/5} | °C |  | **Outlet No. (Lowest)** | {#5}{#mainEngine3}{jacketCoolingOutletNoLowest}{/mainEngine3}{/5} |  |
| **Cylinder 05A** | {#5}{#mainEngine3}{cylinder5AExhaustGasTemperature}{/mainEngine3}{/5} | °C |  | **Outlet No. (Highest)** | {#5}{#mainEngine3}{jacketCoolingOutletNoHighest}{/mainEngine3}{/5} | °C |
| **Cylinder 06A** | {#5}{#mainEngine3}{cylinder6AExhaustGasTemperature}{/mainEngine3}{/5} | °C |  | **Outlet Lowest Temperature** | {#5}{#mainEngine3}{jacketCoolingOutletLowestTemperature}{/mainEngine3}{/5} | °C |
|  | | |  | **Outlet Highest Temperature** | {#5}{#mainEngine3}{jacketCoolingOutletHighestTemperature}{/mainEngine3}{/5} | °C |
| **Exhaust Gas Pressure** | | |  |  |  |  |
| **Cylinder 01A** | {#5}{#mainEngine3}{cylinder1APressure}{/mainEngine3}{/5} | bar |  | **Lub Oil** | | |
| **Cylinder 02A** | {#5}{#mainEngine3}{cylinder2APressure}{/mainEngine3}{/5} | bar |  | **LO Cooler Inlet Temperature Data** | {#5}{#mainEngine3}{LOCoolerInletTemperature}{/mainEngine3}{/5} | °C |
| **Cylinder 03A** | {#5}{#mainEngine3}{cylinder3APressure}{/mainEngine3}{/5} | bar |  | **LO Cooler Outlet Temperature Data** | {#5}{#mainEngine3}{LOCoolerOutletTemperature}{/mainEngine3}{/5} | °C |
| **Cylinder 04A** | {#5}{#mainEngine3}{cylinder4APressure}{/mainEngine3}{/5} | bar |  | **Dynamo LO Cooler Inlet Temperature Data** | {#5}{#mainEngine3}{dynamoLOCoolerInletTemperature}{/mainEngine3}{/5} | °C |
| **Cylinder 05A** | {#5}{#mainEngine3}{cylinder5APressure}{/mainEngine3}{/5} | bar |  | **Dynamo LO Cooler Outlet Temperature Data** | {#5}{#mainEngine3}{dynamoLOCoolerOutletTemperature}{/mainEngine3}{/5} | °C |
| **Cylinder 06A** | {#5}{#mainEngine3}{cylinder6APressure}{/mainEngine3}{/5} | bar |  |  | | |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#5}{#mainEngine3}{FOPressure}{/mainEngine3}{/5} | bar |
|  |  |  |  | **Heater Outlet Temperature Data** | {#5}{#mainEngine3}{FOHeaterOutletTemperature}{/mainEngine3}{/5} | bar |

|  |  |  |
| --- | --- | --- |
| ACKNOWLEDGEMENTS | | |
| CHIEF ENGINEER |  | **CAPTAIN** |
| {%chiefEngineSignature} |  | {%captainSignature} |
| Name: {chiefEngineName} |  | **Name**: {captainName} |