**Engine Log**

{generatedDate}, 0001 - 0400

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| RECORDS |

|  |  |  |  |  |  |  |
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| **Fuel Oil** | | |  | **Noon Total** | | |
| **DFDE Diesel Consumption** | {#0}{#records}{#fo}{dfdeDieselConsumption}{/fo}{/records}{/0} | MT |  | **Hours Under Weight** | {#0}{#records}{#noontotal}{hoursUnderWay}{/noontotal}{/records}{/0} | hrs |
| **Pilot Diesel Consumption** | {#0}{#records}{#fo}{pilotDieselConsumption}{/fo}{/records}{/0} | MT |  | **Hours Propelling** | {#0}{#records}{#noontotal}{hoursPropelling}{/noontotal}{/records}{/0} | hrs |
| **GCU Diesel Consumption** | {#0}{#records}{#fo}{gcuDieselConusmption}{/fo}{/records}{/0} | MT |  | **Distance Run Log** | {#0}{#records}{#noontotal}{distanceRunLog}{/noontotal}{/records}{/0} | nautical miles |
| **Received** | {#0}{#records}{#fo}{received}{/fo}{/records}{/0} | MT |  | **Distance Run O.G** | {#0}{#records}{#noontotal}{distanceRunOg}{/noontotal}{/records}{/0} | nautical miles |
| **ROB** | {#0}{#records}{#fo}{rob}{/fo}{/records}{/0} | MT |  | **Speed** | {#0}{#records}{speed}{/records}{/0} | knots |
|  | | |  | **Slip** | {#0}{#records}{slip}{/records}{/0} | % |
| **NG Consumption** | | |  | **Time Correction** | {#0}{#records}{timeCorrection}{/records}{/0} | hrs |
| **DFDE - 1** | {#0}{#records}{#ng}{dfde1}{/ng}{/records}{/0} | KG |  | **Port Thruster RPM** | {#0}{#records}{portThrusterRPM}{/records}{/0} | R.P.M |
| **DFDE - 1** | {#0}{#records}{#ng}{dfde2}{/ng}{/records}{/0} | KG |  | **Stbd Thruster RPM** | {#0}{#records}{stbdThrustureRPM}{/records}{/0} | R.P.M |
| **DFDE - 1** | {#0}{#records}{#ng}{dfde3}{/ng}{/records}{/0} | KG |  |  |  |  |
| **DFDE - Total** | {#0}{#records}{#ng}{dfdeTotal}{/ng}{/records}{/0} | KG |  |  |  |  |
|  |  |  |  |  |  |  |
| **Lub Oil - DFD Sump Oil** | | |  | **FW** | | |
| **Consumed** | {#0}{#records}{#lo}{consumption}{/lo}{/records}{/0} | LTRS |  | **Consumption** | {#0}{#records}{#fw}{consumption}{/fw}{/records}{/0} | MT |
| **Received** | {#0}{#records}{#lo}{received}{/lo}{/records}{/0} | LTRS |  | **Production** | {#0}{#records}{#fw}{production}{/fw}{/records}{/0} | MT |
| **ROB** | {#0}{#records}{#lo}{rob}{/lo}{/records}{/0} | LTRS |  | **ROB** | {#0}{#records}{#fw}{rob}{/fw}{/records}{/0} | MT |

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| GENERAL |

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| **Departure Port** | {#0}{#general}{departurePort}{/general}{/0} |  | **Handle Notch - Port** | {#0}{#general}{handleNotchPort}{/general}{/0} |
| **Departure Time** | {#0}{#general}{departureTime}{/general}{/0} |  | **Handle Notch - Stbd** | {#0}{#general}{handleNotchStbd}{/general}{/0} |
| **Arrival Port** | {#0}{#general}{arrivalPort}{/general}{/0} |  | **Wind Force** | {#0}{#general}{windForce}{/general}{/0} |
| **Arrival Time** | {#0}{#general}{arrivalTime}{/general}{/0} |  | **Wind Direction** | {#0}{#general}{windDirection}{/general}{/0} |
| **Departure Draft – Fwd** | {#0}{#general}{departureDraftFwd}{/general}{/0} |  | **Weather** | {#0}{#general}{weather}{/general}{/0} |
| **Departure Draft – Aft** | {#0}{#general}{departureDraftAft}{/general}{/0} |  | **Sea of State** | {#0}{#general}{seaState}{/general}{/0} |
| **Arrival Draft – Fwd** | {#0}{#general}{arrivalDraftFwd}{/general}{/0} |  |  |  |
| **Arrival Draft – Aft** | {#0}{#general}{arrivalDraftAft}{/general}{/0} |  |  |  |

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| TANK |

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| **Main Engine Service** | | |  |  |  |
| **FO Tank Port** | {#0}{#tank}{foTankPort}{/tank}{/0} | cub. m |  |  |  |
| **FO Tank Stbd** | {#0}{#tank}{foTankStbd}{/tank}{/0} | cub. m |  |  |  |

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| TEST RESULT |

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| **Lub Oil** | | |  | **Cooling Fresh Water** | |
| **Flash Point** | {#0}{#test}{#lo}{flashPoint}{/lo}{/test}{/0} |  |  | **Nitrate-ppm** | {#0}{#test}{#cfw}{nitrate}{/cfw}{/test}{/0} |
| **Viscosity** | {#0}{#test}{#lo}{viscosity}{/lo}{/test}{/0} | CSt’ at 40 degC |  | **Chloride-ppm** | {#0}{#test}{#cfw}{chloride}{/cfw}{/test}{/0} |
| **Total Base No.** | {#0}{#test}{#lo}{totalBaseNo}{/lo}{/test}{/0} |  |  |  |  |
| **Insoluble Matter** | {#0}{#test}{#lo}{insolubleMatter}{/lo}{/test}{/0} | wt % |  |  |  |
| **Water Content** | {#0}{#test}{#lo}{waterContent}{/lo}{/test}{/0} | vol% |  |  |  |

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| THRUSTER MOTOR |

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| **Port Side** | | |  | **Stbd Side** | | |
| **Motor winding temp "U"** | {#0}{#thrusterMotor}{#port}{motorWindingTempU}{/port}{/thrusterMotor}{/0} | ℃ |  | **Motor winding temp "U"** | {#0}{#thrusterMotor}{#stbd}{motorWindingTempU}{/stbd}{/thrusterMotor}{/0} | ℃ |
| **Motor winding temp "V"** | {#0}{#thrusterMotor}{#port}{motorWindingTempV}{/port}{/thrusterMotor}{/0} | ℃ |  | **Motor winding temp "V"** | {#0}{#thrusterMotor}{#stbd}{motorWindingTempV}{/stbd}{/thrusterMotor}{/0} | ℃ |
| **Motor winding temp "W"** | {#0}{#thrusterMotor}{#port}{motorWindingTempW}{/port}{/thrusterMotor}{/0} | ℃ |  | **Motor winding temp "W"** | {#0}{#thrusterMotor}{#stbd}{motorWindingTempW}{/stbd}{/thrusterMotor}{/0} | ℃ |
| **Bearing Temperature Drive End** | {#0}{#thrusterMotor}{#port}{bearingTempDE}{/port}{/thrusterMotor}{/0} | ℃ |  | **Bearing Temperature Drive End** | {#0}{#thrusterMotor}{#stbd}{bearingTempDE}{/stbd}{/thrusterMotor}{/0} | ℃ |
| **Bearing Temperature Non Drive End** | {#0}{#thrusterMotor}{#port}{bearingTempNDE}{/port}{/thrusterMotor}{/0} | ℃ |  | **Bearing Temperature Non Drive End** | {#0}{#thrusterMotor}{#stbd}{bearingTempNDE}{/stbd}{/thrusterMotor}{/0} | ℃ |

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| THRUSTER VFD |

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| **Port Side** | | |  | **Stbd Side** | | |
| **VFD INU MOTOR CURRENT** | {#0}{#thrusterVFD}{#port}{current}{/port}{/thrusterVFD}{/0} | AMPS |  | **VFD INU MOTOR CURRENT** | {#0}{#thrusterVFD}{#stbd}{current}{/stbd}{/thrusterVFD}{/0} | AMPS |
| **VFD INU MOTOR VOLTAGE** | {#0}{#thrusterVFD}{#port}{voltage}{/port}{/thrusterVFD}{/0} | VOLT |  | **VFD INU MOTOR VOLTAGE** | {#0}{#thrusterVFD}{#stbd}{voltage}{/stbd}{/thrusterVFD}{/0} | VOLT |

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| GENERATOR 1 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Frequency** | {#0}{#alternator1}{frequency}{/alternator1}{/0} | Hz |  | **RPM** | {#0}{#mainEngine1}{#turboCharger}{rpm}{/turboCharger}{/mainEngine1}{/0} | R.P.M |
| **Dynamo No. 1 Voltage** | {#0}{#alternator1}{voltage}{/alternator1}{/0} | V |  | **LO Temperature** | {#0}{#mainEngine1}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine1}{/0} | ℃ |
| **Dynamo No. 1 Ampere** | {#0}{#alternator1}{ampere}{/alternator1}{/0} | Amp |  | **LO Pressure** | {#0}{#mainEngine1}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine1}{/0} | bar |
| **Dynamo No. 1 Power** | {#0}{#alternator1}{power}{/alternator1}{/0} | kw |  | **Exhaust Gas Inlet Temperature** | {#0}{#mainEngine1}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine1}{/0} | ℃ |
| **Dynamo No. 1 Running Hours** | {#0}{#alternator1}{runningHours}{/alternator1}{/0} | HRS |  | **Exhaust Gas Outlet Temperature** | {#0}{#mainEngine1}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine1}{/0} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#0}{#mainEngine1}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine1}{/0} | bar |  | **LT Inlet Temperature** | {#0}{#mainEngine1}{#cw}{ltInletTemperature}{/cw}{/mainEngine1}{/0} | ℃ |
| **Scavenge Air Temperature** | {#0}{#mainEngine1}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine1}{/0} | ℃ |  | **Jacket Inlet Temperature** | {#0}{#mainEngine1}{#cw}{jacketInletTemperature}{/cw}{/mainEngine1}{/0} | ℃ |
| **T/C Air Inlet Temperature** | {#0}{#mainEngine1}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine1}{/0} | ℃ |  | **Jacket Outlet Temperature** | {#0}{#mainEngine1}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine1}{/0} | ℃ |
| **Crankcase Pressure** | {#0}{#mainEngine1}{#dfd}{crankcasePressure}{/dfd}{/mainEngine1}{/0} | m bar |  | **HT Cooling Water Pressure** | {#0}{#mainEngine1}{#cw}{htPressure}{/cw}{/mainEngine1}{/0} | bar |
| **Lub Oil Pressure** | {#0}{#mainEngine1}{#dfd}{loPressure}{/dfd}{/mainEngine1}{/0} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#0}{#mainEngine1}{#dfd}{loTemperature}{/dfd}{/mainEngine1}{/0} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#0}{#mainEngine1}{#dfd}{rpm}{/dfd}{/mainEngine1}{/0} | R.P.M |  | **Gas Pressure** | {#0}{#mainEngine1}{#gas}{pressure}{/gas}{/mainEngine1}{/0} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#0}{#mainEngine1}{#fo}{pressure}{/fo}{/mainEngine1}{/0} | bar |
|  |  |  |  | **Temperature** | {#0}{#mainEngine1}{#fo}{temperature}{/fo}{/mainEngine1}{/0} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#0}{#mainEngine1}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine1}{/0} | ℃ |  | **Cylinder 01A** | {#0}{#mainEngine1}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine1}{/0} | bar |
| **Cylinder 02A** | {#0}{#mainEngine1}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine1}{/0} | ℃ |  | **Cylinder 02A** | {#0}{#mainEngine1}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine1}{/0} | bar |
| **Cylinder 03A** | {#0}{#mainEngine1}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine1}{/0} | ℃ |  | **Cylinder 03A** | {#0}{#mainEngine1}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine1}{/0} | bar |
| **Cylinder 04A** | {#0}{#mainEngine1}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine1}{/0} | ℃ |  | **Cylinder 04A** | {#0}{#mainEngine1}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine1}{/0} | bar |
| **Cylinder 05A** | {#0}{#mainEngine1}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine1}{/0} | ℃ |  | **Cylinder 05A** | {#0}{#mainEngine1}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine1}{/0} | bar |
| **Cylinder 06A** | {#0}{#mainEngine1}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine1}{/0} | ℃ |  | **Cylinder 06A** | {#0}{#mainEngine1}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine1}{/0} | bar |

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| GENERATOR 2 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 2 Frequency** | {#0}{#alternator2}{frequency}{/alternator2}{/0} | Hz |  | **RPM** | {#0}{#mainEngine2}{#turboCharger}{rpm}{/turboCharger}{/mainEngine2}{/0} | R.P.M |
| **Dynamo No. 2 Voltage** | {#0}{#alternator2}{voltage}{/alternator2}{/0} | V |  | **LO Temperature** | {#0}{#mainEngine2}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine2}{/0} | ℃ |
| **Dynamo No. 2 Ampere** | {#0}{#alternator2}{ampere}{/alternator2}{/0} | Amp |  | **LO Pressure** | {#0}{#mainEngine2}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine2}{/0} | bar |
| **Dynamo No. 2 Power** | {#0}{#alternator2}{power}{/alternator2}{/0} | kw |  | **Exhaust Gas Inlet Temperature** | {#0}{#mainEngine2}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine2}{/0} | ℃ |
| **Dynamo No. 2 Running Hours** | {#0}{#alternator2}{runningHours}{/alternator2}{/0} | HRS |  | **Exhaust Gas Outlet Temperature** | {#0}{#mainEngine2}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine2}{/0} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#0}{#mainEngine2}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine2}{/0} | bar |  | **LT Inlet Temperature** | {#0}{#mainEngine2}{#cw}{ltInletTemperature}{/cw}{/mainEngine2}{/0} | ℃ |
| **Scavenge Air Temperature** | {#0}{#mainEngine2}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine2}{/0} | ℃ |  | **Jacket Inlet Temperature** | {#0}{#mainEngine2}{#cw}{jacketInletTemperature}{/cw}{/mainEngine2}{/0} | ℃ |
| **T/C Air Inlet Temperature** | {#0}{#mainEngine2}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine2}{/0} | ℃ |  | **Jacket Outlet Temperature** | {#0}{#mainEngine2}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine2}{/0} | ℃ |
| **Crankcase Pressure** | {#0}{#mainEngine2}{#dfd}{crankcasePressure}{/dfd}{/mainEngine2}{/0} | m bar |  | **HT Cooling Water Pressure** | {#0}{#mainEngine2}{#cw}{htPressure}{/cw}{/mainEngine2}{/0} | bar |
| **Lub Oil Pressure** | {#0}{#mainEngine2}{#dfd}{loPressure}{/dfd}{/mainEngine2}{/0} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#0}{#mainEngine2}{#dfd}{loTemperature}{/dfd}{/mainEngine2}{/0} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#0}{#mainEngine2}{#dfd}{rpm}{/dfd}{/mainEngine2}{/0} | R.P.M |  | **Gas Pressure** | {#0}{#mainEngine2}{#gas}{pressure}{/gas}{/mainEngine2}{/0} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#0}{#mainEngine2}{#fo}{pressure}{/fo}{/mainEngine2}{/0} | bar |
|  |  |  |  | **Temperature** | {#0}{#mainEngine2}{#fo}{temperature}{/fo}{/mainEngine2}{/0} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#0}{#mainEngine2}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine2}{/0} | ℃ |  | **Cylinder 01A** | {#0}{#mainEngine2}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine2}{/0} | bar |
| **Cylinder 02A** | {#0}{#mainEngine2}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine2}{/0} | ℃ |  | **Cylinder 02A** | {#0}{#mainEngine2}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine2}{/0} | bar |
| **Cylinder 03A** | {#0}{#mainEngine2}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine2}{/0} | ℃ |  | **Cylinder 03A** | {#0}{#mainEngine2}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine2}{/0} | bar |
| **Cylinder 04A** | {#0}{#mainEngine2}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine2}{/0} | ℃ |  | **Cylinder 04A** | {#0}{#mainEngine2}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine2}{/0} | bar |
| **Cylinder 05A** | {#0}{#mainEngine2}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine2}{/0} | ℃ |  | **Cylinder 05A** | {#0}{#mainEngine2}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine2}{/0} | bar |
| **Cylinder 06A** | {#0}{#mainEngine2}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine2}{/0} | ℃ |  | **Cylinder 06A** | {#0}{#mainEngine2}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine2}{/0} | bar |
| **Cylinder 07A** | {#0}{#mainEngine2}{#cylinders}{#7}{exhauseGasTemp}{/7}{/cylinders}{/mainEngine2}{/0} | ℃ |  | **Cylinder 07A** | {#0}{#mainEngine2}{#cylinders}{#7}{peakPressure}{/7}{/cylinders}{/mainEngine2}{/0} | bar |
| **Cylinder 08A** | {#0}{#mainEngine2}{#cylinders}{#8}{exhauseGasTemp}{/8}{/cylinders}{/mainEngine2}{/0} | ℃ |  | **Cylinder 08A** | {#0}{#mainEngine2}{#cylinders}{#8}{peakPressure}{/8}{/cylinders}{/mainEngine2}{/0} | bar |

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| GENERATOR 3 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 3 Frequency** | {#0}{#alternator3}{frequency}{/alternator3}{/0} | Hz |  | **RPM** | {#0}{#mainEngine3}{#turboCharger}{rpm}{/turboCharger}{/mainEngine3}{/0} | R.P.M |
| **Dynamo No. 3 Voltage** | {#0}{#alternator3}{voltage}{/alternator3}{/0} | V |  | **LO Temperature** | {#0}{#mainEngine3}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine3}{/0} | ℃ |
| **Dynamo No. 3 Ampere** | {#0}{#alternator3}{ampere}{/alternator3}{/0} | Amp |  | **LO Pressure** | {#0}{#mainEngine3}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine3}{/0} | bar |
| **Dynamo No. 3 Power** | {#0}{#alternator3}{power}{/alternator3}{/0} | kw |  | **Exhaust Gas Inlet Temperature** | {#0}{#mainEngine3}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine3}{/0} | ℃ |
| **Dynamo No. 3 Running Hours** | {#0}{#alternator3}{runningHours}{/alternator3}{/0} | HRS |  | **Exhaust Gas Outlet Temperature** | {#0}{#mainEngine3}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine3}{/0} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#0}{#mainEngine3}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine3}{/0} | bar |  | **LT Inlet Temperature** | {#0}{#mainEngine3}{#cw}{ltInletTemperature}{/cw}{/mainEngine3}{/0} | ℃ |
| **Scavenge Air Temperature** | {#0}{#mainEngine3}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine3}{/0} | ℃ |  | **Jacket Inlet Temperature** | {#0}{#mainEngine3}{#cw}{jacketInletTemperature}{/cw}{/mainEngine3}{/0} | ℃ |
| **T/C Air Inlet Temperature** | {#0}{#mainEngine3}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine3}{/0} | ℃ |  | **Jacket Outlet Temperature** | {#0}{#mainEngine3}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine3}{/0} | ℃ |
| **Crankcase Pressure** | {#0}{#mainEngine3}{#dfd}{crankcasePressure}{/dfd}{/mainEngine3}{/0} | m bar |  | **HT Cooling Water Pressure** | {#0}{#mainEngine3}{#cw}{htPressure}{/cw}{/mainEngine3}{/0} | bar |
| **Lub Oil Pressure** | {#0}{#mainEngine3}{#dfd}{loPressure}{/dfd}{/mainEngine3}{/0} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#0}{#mainEngine3}{#dfd}{loTemperature}{/dfd}{/mainEngine3}{/0} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#0}{#mainEngine3}{#dfd}{rpm}{/dfd}{/mainEngine3}{/0} | R.P.M |  | **Gas Pressure** | {#0}{#mainEngine3}{#gas}{pressure}{/gas}{/mainEngine3}{/0} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#0}{#mainEngine3}{#fo}{pressure}{/fo}{/mainEngine3}{/0} | bar |
|  |  |  |  | **Temperature** | {#0}{#mainEngine3}{#fo}{temperature}{/fo}{/mainEngine3}{/0} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#0}{#mainEngine3}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine3}{/0} | ℃ |  | **Cylinder 01A** | {#0}{#mainEngine3}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine3}{/0} | bar |
| **Cylinder 02A** | {#0}{#mainEngine3}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine3}{/0} | ℃ |  | **Cylinder 02A** | {#0}{#mainEngine3}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine3}{/0} | bar |
| **Cylinder 03A** | {#0}{#mainEngine3}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine3}{/0} | ℃ |  | **Cylinder 03A** | {#0}{#mainEngine3}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine3}{/0} | bar |
| **Cylinder 04A** | {#0}{#mainEngine3}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine3}{/0} | ℃ |  | **Cylinder 04A** | {#0}{#mainEngine3}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine3}{/0} | bar |
| **Cylinder 05A** | {#0}{#mainEngine3}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine3}{/0} | ℃ |  | **Cylinder 05A** | {#0}{#mainEngine3}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine3}{/0} | bar |
| **Cylinder 06A** | {#0}{#mainEngine3}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine3}{/0} | ℃ |  | **Cylinder 06A** | {#0}{#mainEngine3}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine3}{/0} | bar |

**Engine Log**

{generatedDate}, 0401 - 0800

|  |
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| RECORDS |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Fuel Oil** | | |  | **Noon Total** | | |
| **DFDE Diesel Consumption** | {#1}{#records}{#fo}{dfdeDieselConsumption}{/fo}{/records}{/1} | MT |  | **Hours Under Weight** | {#1}{#records}{#noontotal}{hoursUnderWay}{/noontotal}{/records}{/1} | hrs |
| **Pilot Diesel Consumption** | {#1}{#records}{#fo}{pilotDieselConsumption}{/fo}{/records}{/1} | MT |  | **Hours Propelling** | {#1}{#records}{#noontotal}{hoursPropelling}{/noontotal}{/records}{/1} | hrs |
| **GCU Diesel Consumption** | {#1}{#records}{#fo}{gcuDieselConusmption}{/fo}{/records}{/1} | MT |  | **Distance Run Log** | {#1}{#records}{#noontotal}{distanceRunLog}{/noontotal}{/records}{/1} | nautical miles |
| **Received** | {#1}{#records}{#fo}{received}{/fo}{/records}{/1} | MT |  | **Distance Run O.G** | {#1}{#records}{#noontotal}{distanceRunOg}{/noontotal}{/records}{/1} | nautical miles |
| **ROB** | {#1}{#records}{#fo}{rob}{/fo}{/records}{/1} | MT |  | **Speed** | {#1}{#records}{speed}{/records}{/1} | knots |
|  | | |  | **Slip** | {#1}{#records}{slip}{/records}{/1} | % |
| **NG Consumption** | | |  | **Time Correction** | {#1}{#records}{timeCorrection}{/records}{/1} | hrs |
| **DFDE - 1** | {#1}{#records}{#ng}{dfde1}{/ng}{/records}{/1} | KG |  | **Port Thruster RPM** | {#1}{#records}{portThrusterRPM}{/records}{/1} | R.P.M |
| **DFDE - 1** | {#1}{#records}{#ng}{dfde2}{/ng}{/records}{/1} | KG |  | **Stbd Thruster RPM** | {#1}{#records}{stbdThrustureRPM}{/records}{/1} | R.P.M |
| **DFDE - 1** | {#1}{#records}{#ng}{dfde3}{/ng}{/records}{/1} | KG |  |  |  |  |
| **DFDE - Total** | {#1}{#records}{#ng}{dfdeTotal}{/ng}{/records}{/1} | KG |  |  |  |  |
|  |  |  |  |  |  |  |
| **Lub Oil - DFD Sump Oil** | | |  | **FW** | | |
| **Consumed** | {#1}{#records}{#lo}{consumption}{/lo}{/records}{/1} | LTRS |  | **Consumption** | {#1}{#records}{#fw}{consumption}{/fw}{/records}{/1} | MT |
| **Received** | {#1}{#records}{#lo}{received}{/lo}{/records}{/1} | LTRS |  | **Production** | {#1}{#records}{#fw}{production}{/fw}{/records}{/1} | MT |
| **ROB** | {#1}{#records}{#lo}{rob}{/lo}{/records}{/1} | LTRS |  | **ROB** | {#1}{#records}{#fw}{rob}{/fw}{/records}{/1} | MT |

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| GENERAL |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Departure Port** | {#1}{#general}{departurePort}{/general}{/1} |  | **Handle Notch - Port** | {#1}{#general}{handleNotchPort}{/general}{/1} |
| **Departure Time** | {#1}{#general}{departureTime}{/general}{/1} |  | **Handle Notch - Stbd** | {#1}{#general}{handleNotchStbd}{/general}{/1} |
| **Arrival Port** | {#1}{#general}{arrivalPort}{/general}{/1} |  | **Wind Force** | {#1}{#general}{windForce}{/general}{/1} |
| **Arrival Time** | {#1}{#general}{arrivalTime}{/general}{/1} |  | **Wind Direction** | {#1}{#general}{windDirection}{/general}{/1} |
| **Departure Draft – Fwd** | {#1}{#general}{departureDraftFwd}{/general}{/1} |  | **Weather** | {#1}{#general}{weather}{/general}{/1} |
| **Departure Draft – Aft** | {#1}{#general}{departureDraftAft}{/general}{/1} |  | **Sea of State** | {#1}{#general}{seaState}{/general}{/1} |
| **Arrival Draft – Fwd** | {#1}{#general}{arrivalDraftFwd}{/general}{/1} |  |  |  |
| **Arrival Draft – Aft** | {#1}{#general}{arrivalDraftAft}{/general}{/1} |  |  |  |

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| TANK |

|  |  |  |  |  |  |
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| **Main Engine Service** | | |  |  |  |
| **FO Tank Port** | {#1}{#tank}{foTankPort}{/tank}{/1} | cub. m |  |  |  |
| **FO Tank Stbd** | {#1}{#tank}{foTankStbd}{/tank}{/1} | cub. m |  |  |  |

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| TEST RESULT |

|  |  |  |  |  |  |
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| **Lub Oil** | | |  | **Cooling Fresh Water** | |
| **Flash Point** | {#1}{#test}{#lo}{flashPoint}{/lo}{/test}{/1} |  |  | **Nitrate-ppm** | {#1}{#test}{#cfw}{nitrate}{/cfw}{/test}{/1} |
| **Viscosity** | {#1}{#test}{#lo}{viscosity}{/lo}{/test}{/1} | CSt’ at 40 degC |  | **Chloride-ppm** | {#1}{#test}{#cfw}{chloride}{/cfw}{/test}{/1} |
| **Total Base No.** | {#1}{#test}{#lo}{totalBaseNo}{/lo}{/test}{/1} |  |  |  |  |
| **Insoluble Matter** | {#1}{#test}{#lo}{insolubleMatter}{/lo}{/test}{/1} | wt % |  |  |  |
| **Water Content** | {#1}{#test}{#lo}{waterContent}{/lo}{/test}{/1} | vol% |  |  |  |

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| THRUSTER MOTOR |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Port Side** | | |  | **Stbd Side** | | |
| **Motor winding temp "U"** | {#1}{#thrusterMotor}{#port}{motorWindingTempU}{/port}{/thrusterMotor}{/1} | ℃ |  | **Motor winding temp "U"** | {#1}{#thrusterMotor}{#stbd}{motorWindingTempU}{/stbd}{/thrusterMotor}{/1} | ℃ |
| **Motor winding temp "V"** | {#1}{#thrusterMotor}{#port}{motorWindingTempV}{/port}{/thrusterMotor}{/1} | ℃ |  | **Motor winding temp "V"** | {#1}{#thrusterMotor}{#stbd}{motorWindingTempV}{/stbd}{/thrusterMotor}{/1} | ℃ |
| **Motor winding temp "W"** | {#1}{#thrusterMotor}{#port}{motorWindingTempW}{/port}{/thrusterMotor}{/1} | ℃ |  | **Motor winding temp "W"** | {#1}{#thrusterMotor}{#stbd}{motorWindingTempW}{/stbd}{/thrusterMotor}{/1} | ℃ |
| **Bearing Temperature Drive End** | {#1}{#thrusterMotor}{#port}{bearingTempDE}{/port}{/thrusterMotor}{/1} | ℃ |  | **Bearing Temperature Drive End** | {#1}{#thrusterMotor}{#stbd}{bearingTempDE}{/stbd}{/thrusterMotor}{/1} | ℃ |
| **Bearing Temperature Non Drive End** | {#1}{#thrusterMotor}{#port}{bearingTempNDE}{/port}{/thrusterMotor}{/1} | ℃ |  | **Bearing Temperature Non Drive End** | {#1}{#thrusterMotor}{#stbd}{bearingTempNDE}{/stbd}{/thrusterMotor}{/1} | ℃ |

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| THRUSTER VFD |

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| --- | --- | --- | --- | --- | --- | --- |
| **Port Side** | | |  | **Stbd Side** | | |
| **VFD INU MOTOR CURRENT** | {#1}{#thrusterVFD}{#port}{current}{/port}{/thrusterVFD}{/1} | AMPS |  | **VFD INU MOTOR CURRENT** | {#1}{#thrusterVFD}{#stbd}{current}{/stbd}{/thrusterVFD}{/1} | AMPS |
| **VFD INU MOTOR VOLTAGE** | {#1}{#thrusterVFD}{#port}{voltage}{/port}{/thrusterVFD}{/1} | VOLT |  | **VFD INU MOTOR VOLTAGE** | {#1}{#thrusterVFD}{#stbd}{voltage}{/stbd}{/thrusterVFD}{/1} | VOLT |

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| GENERATOR 1 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Frequency** | {#1}{#alternator1}{frequency}{/alternator1}{/1} | Hz |  | **RPM** | {#1}{#mainEngine1}{#turboCharger}{rpm}{/turboCharger}{/mainEngine1}{/1} | R.P.M |
| **Dynamo No. 1 Voltage** | {#1}{#alternator1}{voltage}{/alternator1}{/1} | V |  | **LO Temperature** | {#1}{#mainEngine1}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine1}{/1} | ℃ |
| **Dynamo No. 1 Ampere** | {#1}{#alternator1}{ampere}{/alternator1}{/1} | Amp |  | **LO Pressure** | {#1}{#mainEngine1}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine1}{/1} | bar |
| **Dynamo No. 1 Power** | {#1}{#alternator1}{power}{/alternator1}{/1} | kw |  | **Exhaust Gas Inlet Temperature** | {#1}{#mainEngine1}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine1}{/1} | ℃ |
| **Dynamo No. 1 Running Hours** | {#1}{#alternator1}{runningHours}{/alternator1}{/1} | HRS |  | **Exhaust Gas Outlet Temperature** | {#1}{#mainEngine1}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine1}{/1} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#1}{#mainEngine1}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine1}{/1} | bar |  | **LT Inlet Temperature** | {#1}{#mainEngine1}{#cw}{ltInletTemperature}{/cw}{/mainEngine1}{/1} | ℃ |
| **Scavenge Air Temperature** | {#1}{#mainEngine1}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine1}{/1} | ℃ |  | **Jacket Inlet Temperature** | {#1}{#mainEngine1}{#cw}{jacketInletTemperature}{/cw}{/mainEngine1}{/1} | ℃ |
| **T/C Air Inlet Temperature** | {#1}{#mainEngine1}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine1}{/1} | ℃ |  | **Jacket Outlet Temperature** | {#1}{#mainEngine1}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine1}{/1} | ℃ |
| **Crankcase Pressure** | {#1}{#mainEngine1}{#dfd}{crankcasePressure}{/dfd}{/mainEngine1}{/1} | m bar |  | **HT Cooling Water Pressure** | {#1}{#mainEngine1}{#cw}{htPressure}{/cw}{/mainEngine1}{/1} | bar |
| **Lub Oil Pressure** | {#1}{#mainEngine1}{#dfd}{loPressure}{/dfd}{/mainEngine1}{/1} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#1}{#mainEngine1}{#dfd}{loTemperature}{/dfd}{/mainEngine1}{/1} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#1}{#mainEngine1}{#dfd}{rpm}{/dfd}{/mainEngine1}{/1} | R.P.M |  | **Gas Pressure** | {#1}{#mainEngine1}{#gas}{pressure}{/gas}{/mainEngine1}{/1} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#1}{#mainEngine1}{#fo}{pressure}{/fo}{/mainEngine1}{/1} | bar |
|  |  |  |  | **Temperature** | {#1}{#mainEngine1}{#fo}{temperature}{/fo}{/mainEngine1}{/1} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#1}{#mainEngine1}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine1}{/1} | ℃ |  | **Cylinder 01A** | {#1}{#mainEngine1}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine1}{/1} | bar |
| **Cylinder 02A** | {#1}{#mainEngine1}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine1}{/1} | ℃ |  | **Cylinder 02A** | {#1}{#mainEngine1}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine1}{/1} | bar |
| **Cylinder 03A** | {#1}{#mainEngine1}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine1}{/1} | ℃ |  | **Cylinder 03A** | {#1}{#mainEngine1}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine1}{/1} | bar |
| **Cylinder 04A** | {#1}{#mainEngine1}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine1}{/1} | ℃ |  | **Cylinder 04A** | {#1}{#mainEngine1}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine1}{/1} | bar |
| **Cylinder 05A** | {#1}{#mainEngine1}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine1}{/1} | ℃ |  | **Cylinder 05A** | {#1}{#mainEngine1}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine1}{/1} | bar |
| **Cylinder 06A** | {#1}{#mainEngine1}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine1}{/1} | ℃ |  | **Cylinder 06A** | {#1}{#mainEngine1}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine1}{/1} | bar |

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| GENERATOR 2 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 2 Frequency** | {#1}{#alternator2}{frequency}{/alternator2}{/1} | Hz |  | **RPM** | {#1}{#mainEngine2}{#turboCharger}{rpm}{/turboCharger}{/mainEngine2}{/1} | R.P.M |
| **Dynamo No. 2 Voltage** | {#1}{#alternator2}{voltage}{/alternator2}{/1} | V |  | **LO Temperature** | {#1}{#mainEngine2}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine2}{/1} | ℃ |
| **Dynamo No. 2 Ampere** | {#1}{#alternator2}{ampere}{/alternator2}{/1} | Amp |  | **LO Pressure** | {#1}{#mainEngine2}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine2}{/1} | bar |
| **Dynamo No. 2 Power** | {#1}{#alternator2}{power}{/alternator2}{/1} | kw |  | **Exhaust Gas Inlet Temperature** | {#1}{#mainEngine2}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine2}{/1} | ℃ |
| **Dynamo No. 2 Running Hours** | {#1}{#alternator2}{runningHours}{/alternator2}{/1} | HRS |  | **Exhaust Gas Outlet Temperature** | {#1}{#mainEngine2}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine2}{/1} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#1}{#mainEngine2}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine2}{/1} | bar |  | **LT Inlet Temperature** | {#1}{#mainEngine2}{#cw}{ltInletTemperature}{/cw}{/mainEngine2}{/1} | ℃ |
| **Scavenge Air Temperature** | {#1}{#mainEngine2}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine2}{/1} | ℃ |  | **Jacket Inlet Temperature** | {#1}{#mainEngine2}{#cw}{jacketInletTemperature}{/cw}{/mainEngine2}{/1} | ℃ |
| **T/C Air Inlet Temperature** | {#1}{#mainEngine2}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine2}{/1} | ℃ |  | **Jacket Outlet Temperature** | {#1}{#mainEngine2}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine2}{/1} | ℃ |
| **Crankcase Pressure** | {#1}{#mainEngine2}{#dfd}{crankcasePressure}{/dfd}{/mainEngine2}{/1} | m bar |  | **HT Cooling Water Pressure** | {#1}{#mainEngine2}{#cw}{htPressure}{/cw}{/mainEngine2}{/1} | bar |
| **Lub Oil Pressure** | {#1}{#mainEngine2}{#dfd}{loPressure}{/dfd}{/mainEngine2}{/1} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#1}{#mainEngine2}{#dfd}{loTemperature}{/dfd}{/mainEngine2}{/1} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#1}{#mainEngine2}{#dfd}{rpm}{/dfd}{/mainEngine2}{/1} | R.P.M |  | **Gas Pressure** | {#1}{#mainEngine2}{#gas}{pressure}{/gas}{/mainEngine2}{/1} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#1}{#mainEngine2}{#fo}{pressure}{/fo}{/mainEngine2}{/1} | bar |
|  |  |  |  | **Temperature** | {#1}{#mainEngine2}{#fo}{temperature}{/fo}{/mainEngine2}{/1} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#1}{#mainEngine2}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine2}{/1} | ℃ |  | **Cylinder 01A** | {#1}{#mainEngine2}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine2}{/1} | bar |
| **Cylinder 02A** | {#1}{#mainEngine2}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine2}{/1} | ℃ |  | **Cylinder 02A** | {#1}{#mainEngine2}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine2}{/1} | bar |
| **Cylinder 03A** | {#1}{#mainEngine2}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine2}{/1} | ℃ |  | **Cylinder 03A** | {#1}{#mainEngine2}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine2}{/1} | bar |
| **Cylinder 04A** | {#1}{#mainEngine2}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine2}{/1} | ℃ |  | **Cylinder 04A** | {#1}{#mainEngine2}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine2}{/1} | bar |
| **Cylinder 05A** | {#1}{#mainEngine2}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine2}{/1} | ℃ |  | **Cylinder 05A** | {#1}{#mainEngine2}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine2}{/1} | bar |
| **Cylinder 06A** | {#1}{#mainEngine2}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine2}{/1} | ℃ |  | **Cylinder 06A** | {#1}{#mainEngine2}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine2}{/1} | bar |
| **Cylinder 07A** | {#1}{#mainEngine2}{#cylinders}{#7}{exhauseGasTemp}{/7}{/cylinders}{/mainEngine2}{/1} | ℃ |  | **Cylinder 07A** | {#1}{#mainEngine2}{#cylinders}{#7}{peakPressure}{/7}{/cylinders}{/mainEngine2}{/1} | bar |
| **Cylinder 08A** | {#1}{#mainEngine2}{#cylinders}{#8}{exhauseGasTemp}{/8}{/cylinders}{/mainEngine2}{/1} | ℃ |  | **Cylinder 08A** | {#1}{#mainEngine2}{#cylinders}{#8}{peakPressure}{/8}{/cylinders}{/mainEngine2}{/1} | bar |

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| GENERATOR 3 |

|  |  |  |  |  |  |  |
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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 3 Frequency** | {#1}{#alternator3}{frequency}{/alternator3}{/1} | Hz |  | **RPM** | {#1}{#mainEngine3}{#turboCharger}{rpm}{/turboCharger}{/mainEngine3}{/1} | R.P.M |
| **Dynamo No. 3 Voltage** | {#1}{#alternator3}{voltage}{/alternator3}{/1} | V |  | **LO Temperature** | {#1}{#mainEngine3}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine3}{/1} | ℃ |
| **Dynamo No. 3 Ampere** | {#1}{#alternator3}{ampere}{/alternator3}{/1} | Amp |  | **LO Pressure** | {#1}{#mainEngine3}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine3}{/1} | bar |
| **Dynamo No. 3 Power** | {#1}{#alternator3}{power}{/alternator3}{/1} | kw |  | **Exhaust Gas Inlet Temperature** | {#1}{#mainEngine3}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine3}{/1} | ℃ |
| **Dynamo No. 3 Running Hours** | {#1}{#alternator3}{runningHours}{/alternator3}{/1} | HRS |  | **Exhaust Gas Outlet Temperature** | {#1}{#mainEngine3}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine3}{/1} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#1}{#mainEngine3}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine3}{/1} | bar |  | **LT Inlet Temperature** | {#1}{#mainEngine3}{#cw}{ltInletTemperature}{/cw}{/mainEngine3}{/1} | ℃ |
| **Scavenge Air Temperature** | {#1}{#mainEngine3}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine3}{/1} | ℃ |  | **Jacket Inlet Temperature** | {#1}{#mainEngine3}{#cw}{jacketInletTemperature}{/cw}{/mainEngine3}{/1} | ℃ |
| **T/C Air Inlet Temperature** | {#1}{#mainEngine3}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine3}{/1} | ℃ |  | **Jacket Outlet Temperature** | {#1}{#mainEngine3}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine3}{/1} | ℃ |
| **Crankcase Pressure** | {#1}{#mainEngine3}{#dfd}{crankcasePressure}{/dfd}{/mainEngine3}{/1} | m bar |  | **HT Cooling Water Pressure** | {#1}{#mainEngine3}{#cw}{htPressure}{/cw}{/mainEngine3}{/1} | bar |
| **Lub Oil Pressure** | {#1}{#mainEngine3}{#dfd}{loPressure}{/dfd}{/mainEngine3}{/1} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#1}{#mainEngine3}{#dfd}{loTemperature}{/dfd}{/mainEngine3}{/1} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#1}{#mainEngine3}{#dfd}{rpm}{/dfd}{/mainEngine3}{/1} | R.P.M |  | **Gas Pressure** | {#1}{#mainEngine3}{#gas}{pressure}{/gas}{/mainEngine3}{/1} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#1}{#mainEngine3}{#fo}{pressure}{/fo}{/mainEngine3}{/1} | bar |
|  |  |  |  | **Temperature** | {#1}{#mainEngine3}{#fo}{temperature}{/fo}{/mainEngine3}{/1} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#1}{#mainEngine3}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine3}{/1} | ℃ |  | **Cylinder 01A** | {#1}{#mainEngine3}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine3}{/1} | bar |
| **Cylinder 02A** | {#1}{#mainEngine3}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine3}{/1} | ℃ |  | **Cylinder 02A** | {#1}{#mainEngine3}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine3}{/1} | bar |
| **Cylinder 03A** | {#1}{#mainEngine3}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine3}{/1} | ℃ |  | **Cylinder 03A** | {#1}{#mainEngine3}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine3}{/1} | bar |
| **Cylinder 04A** | {#1}{#mainEngine3}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine3}{/1} | ℃ |  | **Cylinder 04A** | {#1}{#mainEngine3}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine3}{/1} | bar |
| **Cylinder 05A** | {#1}{#mainEngine3}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine3}{/1} | ℃ |  | **Cylinder 05A** | {#1}{#mainEngine3}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine3}{/1} | bar |
| **Cylinder 06A** | {#1}{#mainEngine3}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine3}{/1} | ℃ |  | **Cylinder 06A** | {#1}{#mainEngine3}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine3}{/1} | bar |

**Engine Log**

{generatedDate}, 0801 - 1200

|  |
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| RECORDS |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Fuel Oil** | | |  | **Noon Total** | | |
| **DFDE Diesel Consumption** | {#2}{#records}{#fo}{dfdeDieselConsumption}{/fo}{/records}{/2} | MT |  | **Hours Under Weight** | {#2}{#records}{#noontotal}{hoursUnderWay}{/noontotal}{/records}{/2} | hrs |
| **Pilot Diesel Consumption** | {#2}{#records}{#fo}{pilotDieselConsumption}{/fo}{/records}{/2} | MT |  | **Hours Propelling** | {#2}{#records}{#noontotal}{hoursPropelling}{/noontotal}{/records}{/2} | hrs |
| **GCU Diesel Consumption** | {#2}{#records}{#fo}{gcuDieselConusmption}{/fo}{/records}{/2} | MT |  | **Distance Run Log** | {#2}{#records}{#noontotal}{distanceRunLog}{/noontotal}{/records}{/2} | nautical miles |
| **Received** | {#2}{#records}{#fo}{received}{/fo}{/records}{/2} | MT |  | **Distance Run O.G** | {#2}{#records}{#noontotal}{distanceRunOg}{/noontotal}{/records}{/2} | nautical miles |
| **ROB** | {#2}{#records}{#fo}{rob}{/fo}{/records}{/2} | MT |  | **Speed** | {#2}{#records}{speed}{/records}{/2} | knots |
|  | | |  | **Slip** | {#2}{#records}{slip}{/records}{/2} | % |
| **NG Consumption** | | |  | **Time Correction** | {#2}{#records}{timeCorrection}{/records}{/2} | hrs |
| **DFDE - 1** | {#2}{#records}{#ng}{dfde1}{/ng}{/records}{/2} | KG |  | **Port Thruster RPM** | {#2}{#records}{portThrusterRPM}{/records}{/2} | R.P.M |
| **DFDE - 1** | {#2}{#records}{#ng}{dfde2}{/ng}{/records}{/2} | KG |  | **Stbd Thruster RPM** | {#2}{#records}{stbdThrustureRPM}{/records}{/2} | R.P.M |
| **DFDE - 1** | {#2}{#records}{#ng}{dfde3}{/ng}{/records}{/2} | KG |  |  |  |  |
| **DFDE - Total** | {#2}{#records}{#ng}{dfdeTotal}{/ng}{/records}{/2} | KG |  |  |  |  |
|  |  |  |  |  |  |  |
| **Lub Oil - DFD Sump Oil** | | |  | **FW** | | |
| **Consumed** | {#2}{#records}{#lo}{consumption}{/lo}{/records}{/2} | LTRS |  | **Consumption** | {#2}{#records}{#fw}{consumption}{/fw}{/records}{/2} | MT |
| **Received** | {#2}{#records}{#lo}{received}{/lo}{/records}{/2} | LTRS |  | **Production** | {#2}{#records}{#fw}{production}{/fw}{/records}{/2} | MT |
| **ROB** | {#2}{#records}{#lo}{rob}{/lo}{/records}{/2} | LTRS |  | **ROB** | {#2}{#records}{#fw}{rob}{/fw}{/records}{/2} | MT |

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| GENERAL |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Departure Port** | {#2}{#general}{departurePort}{/general}{/2} |  | **Handle Notch - Port** | {#2}{#general}{handleNotchPort}{/general}{/2} |
| **Departure Time** | {#2}{#general}{departureTime}{/general}{/2} |  | **Handle Notch - Stbd** | {#2}{#general}{handleNotchStbd}{/general}{/2} |
| **Arrival Port** | {#2}{#general}{arrivalPort}{/general}{/2} |  | **Wind Force** | {#2}{#general}{windForce}{/general}{/2} |
| **Arrival Time** | {#2}{#general}{arrivalTime}{/general}{/2} |  | **Wind Direction** | {#2}{#general}{windDirection}{/general}{/2} |
| **Departure Draft – Fwd** | {#2}{#general}{departureDraftFwd}{/general}{/2} |  | **Weather** | {#2}{#general}{weather}{/general}{/2} |
| **Departure Draft – Aft** | {#2}{#general}{departureDraftAft}{/general}{/2} |  | **Sea of State** | {#2}{#general}{seaState}{/general}{/2} |
| **Arrival Draft – Fwd** | {#2}{#general}{arrivalDraftFwd}{/general}{/2} |  |  |  |
| **Arrival Draft – Aft** | {#2}{#general}{arrivalDraftAft}{/general}{/2} |  |  |  |

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| TANK |

|  |  |  |  |  |  |
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| **Main Engine Service** | | |  |  |  |
| **FO Tank Port** | {#2}{#tank}{foTankPort}{/tank}{/2} | cub. m |  |  |  |
| **FO Tank Stbd** | {#2}{#tank}{foTankStbd}{/tank}{/2} | cub. m |  |  |  |

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| TEST RESULT |

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| **Lub Oil** | | |  | **Cooling Fresh Water** | |
| **Flash Point** | {#2}{#test}{#lo}{flashPoint}{/lo}{/test}{/2} |  |  | **Nitrate-ppm** | {#2}{#test}{#cfw}{nitrate}{/cfw}{/test}{/2} |
| **Viscosity** | {#2}{#test}{#lo}{viscosity}{/lo}{/test}{/2} | CSt’ at 40 degC |  | **Chloride-ppm** | {#2}{#test}{#cfw}{chloride}{/cfw}{/test}{/2} |
| **Total Base No.** | {#2}{#test}{#lo}{totalBaseNo}{/lo}{/test}{/2} |  |  |  |  |
| **Insoluble Matter** | {#2}{#test}{#lo}{insolubleMatter}{/lo}{/test}{/2} | wt % |  |  |  |
| **Water Content** | {#2}{#test}{#lo}{waterContent}{/lo}{/test}{/2} | vol% |  |  |  |

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| THRUSTER MOTOR |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Port Side** | | |  | **Stbd Side** | | |
| **Motor winding temp "U"** | {#2}{#thrusterMotor}{#port}{motorWindingTempU}{/port}{/thrusterMotor}{/2} | ℃ |  | **Motor winding temp "U"** | {#2}{#thrusterMotor}{#stbd}{motorWindingTempU}{/stbd}{/thrusterMotor}{/2} | ℃ |
| **Motor winding temp "V"** | {#2}{#thrusterMotor}{#port}{motorWindingTempV}{/port}{/thrusterMotor}{/2} | ℃ |  | **Motor winding temp "V"** | {#2}{#thrusterMotor}{#stbd}{motorWindingTempV}{/stbd}{/thrusterMotor}{/2} | ℃ |
| **Motor winding temp "W"** | {#2}{#thrusterMotor}{#port}{motorWindingTempW}{/port}{/thrusterMotor}{/2} | ℃ |  | **Motor winding temp "W"** | {#2}{#thrusterMotor}{#stbd}{motorWindingTempW}{/stbd}{/thrusterMotor}{/2} | ℃ |
| **Bearing Temperature Drive End** | {#2}{#thrusterMotor}{#port}{bearingTempDE}{/port}{/thrusterMotor}{/2} | ℃ |  | **Bearing Temperature Drive End** | {#2}{#thrusterMotor}{#stbd}{bearingTempDE}{/stbd}{/thrusterMotor}{/2} | ℃ |
| **Bearing Temperature Non Drive End** | {#2}{#thrusterMotor}{#port}{bearingTempNDE}{/port}{/thrusterMotor}{/2} | ℃ |  | **Bearing Temperature Non Drive End** | {#2}{#thrusterMotor}{#stbd}{bearingTempNDE}{/stbd}{/thrusterMotor}{/2} | ℃ |

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| THRUSTER VFD |

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| --- | --- | --- | --- | --- | --- | --- |
| **Port Side** | | |  | **Stbd Side** | | |
| **VFD INU MOTOR CURRENT** | {#2}{#thrusterVFD}{#port}{current}{/port}{/thrusterVFD}{/2} | AMPS |  | **VFD INU MOTOR CURRENT** | {#2}{#thrusterVFD}{#stbd}{current}{/stbd}{/thrusterVFD}{/2} | AMPS |
| **VFD INU MOTOR VOLTAGE** | {#2}{#thrusterVFD}{#port}{voltage}{/port}{/thrusterVFD}{/2} | VOLT |  | **VFD INU MOTOR VOLTAGE** | {#2}{#thrusterVFD}{#stbd}{voltage}{/stbd}{/thrusterVFD}{/2} | VOLT |

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| GENERATOR 1 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Frequency** | {#2}{#alternator1}{frequency}{/alternator1}{/2} | Hz |  | **RPM** | {#2}{#mainEngine1}{#turboCharger}{rpm}{/turboCharger}{/mainEngine1}{/2} | R.P.M |
| **Dynamo No. 1 Voltage** | {#2}{#alternator1}{voltage}{/alternator1}{/2} | V |  | **LO Temperature** | {#2}{#mainEngine1}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine1}{/2} | ℃ |
| **Dynamo No. 1 Ampere** | {#2}{#alternator1}{ampere}{/alternator1}{/2} | Amp |  | **LO Pressure** | {#2}{#mainEngine1}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine1}{/2} | bar |
| **Dynamo No. 1 Power** | {#2}{#alternator1}{power}{/alternator1}{/2} | kw |  | **Exhaust Gas Inlet Temperature** | {#2}{#mainEngine1}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine1}{/2} | ℃ |
| **Dynamo No. 1 Running Hours** | {#2}{#alternator1}{runningHours}{/alternator1}{/2} | HRS |  | **Exhaust Gas Outlet Temperature** | {#2}{#mainEngine1}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine1}{/2} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#2}{#mainEngine1}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine1}{/2} | bar |  | **LT Inlet Temperature** | {#2}{#mainEngine1}{#cw}{ltInletTemperature}{/cw}{/mainEngine1}{/2} | ℃ |
| **Scavenge Air Temperature** | {#2}{#mainEngine1}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine1}{/2} | ℃ |  | **Jacket Inlet Temperature** | {#2}{#mainEngine1}{#cw}{jacketInletTemperature}{/cw}{/mainEngine1}{/2} | ℃ |
| **T/C Air Inlet Temperature** | {#2}{#mainEngine1}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine1}{/2} | ℃ |  | **Jacket Outlet Temperature** | {#2}{#mainEngine1}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine1}{/2} | ℃ |
| **Crankcase Pressure** | {#2}{#mainEngine1}{#dfd}{crankcasePressure}{/dfd}{/mainEngine1}{/2} | m bar |  | **HT Cooling Water Pressure** | {#2}{#mainEngine1}{#cw}{htPressure}{/cw}{/mainEngine1}{/2} | bar |
| **Lub Oil Pressure** | {#2}{#mainEngine1}{#dfd}{loPressure}{/dfd}{/mainEngine1}{/2} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#2}{#mainEngine1}{#dfd}{loTemperature}{/dfd}{/mainEngine1}{/2} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#2}{#mainEngine1}{#dfd}{rpm}{/dfd}{/mainEngine1}{/2} | R.P.M |  | **Gas Pressure** | {#2}{#mainEngine1}{#gas}{pressure}{/gas}{/mainEngine1}{/2} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#2}{#mainEngine1}{#fo}{pressure}{/fo}{/mainEngine1}{/2} | bar |
|  |  |  |  | **Temperature** | {#2}{#mainEngine1}{#fo}{temperature}{/fo}{/mainEngine1}{/2} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#2}{#mainEngine1}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine1}{/2} | ℃ |  | **Cylinder 01A** | {#2}{#mainEngine1}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine1}{/2} | bar |
| **Cylinder 02A** | {#2}{#mainEngine1}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine1}{/2} | ℃ |  | **Cylinder 02A** | {#2}{#mainEngine1}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine1}{/2} | bar |
| **Cylinder 03A** | {#2}{#mainEngine1}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine1}{/2} | ℃ |  | **Cylinder 03A** | {#2}{#mainEngine1}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine1}{/2} | bar |
| **Cylinder 04A** | {#2}{#mainEngine1}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine1}{/2} | ℃ |  | **Cylinder 04A** | {#2}{#mainEngine1}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine1}{/2} | bar |
| **Cylinder 05A** | {#2}{#mainEngine1}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine1}{/2} | ℃ |  | **Cylinder 05A** | {#2}{#mainEngine1}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine1}{/2} | bar |
| **Cylinder 06A** | {#2}{#mainEngine1}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine1}{/2} | ℃ |  | **Cylinder 06A** | {#2}{#mainEngine1}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine1}{/2} | bar |

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| GENERATOR 2 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 2 Frequency** | {#2}{#alternator2}{frequency}{/alternator2}{/2} | Hz |  | **RPM** | {#2}{#mainEngine2}{#turboCharger}{rpm}{/turboCharger}{/mainEngine2}{/2} | R.P.M |
| **Dynamo No. 2 Voltage** | {#2}{#alternator2}{voltage}{/alternator2}{/2} | V |  | **LO Temperature** | {#2}{#mainEngine2}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine2}{/2} | ℃ |
| **Dynamo No. 2 Ampere** | {#2}{#alternator2}{ampere}{/alternator2}{/2} | Amp |  | **LO Pressure** | {#2}{#mainEngine2}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine2}{/2} | bar |
| **Dynamo No. 2 Power** | {#2}{#alternator2}{power}{/alternator2}{/2} | kw |  | **Exhaust Gas Inlet Temperature** | {#2}{#mainEngine2}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine2}{/2} | ℃ |
| **Dynamo No. 2 Running Hours** | {#2}{#alternator2}{runningHours}{/alternator2}{/2} | HRS |  | **Exhaust Gas Outlet Temperature** | {#2}{#mainEngine2}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine2}{/2} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#2}{#mainEngine2}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine2}{/2} | bar |  | **LT Inlet Temperature** | {#2}{#mainEngine2}{#cw}{ltInletTemperature}{/cw}{/mainEngine2}{/2} | ℃ |
| **Scavenge Air Temperature** | {#2}{#mainEngine2}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine2}{/2} | ℃ |  | **Jacket Inlet Temperature** | {#2}{#mainEngine2}{#cw}{jacketInletTemperature}{/cw}{/mainEngine2}{/2} | ℃ |
| **T/C Air Inlet Temperature** | {#2}{#mainEngine2}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine2}{/2} | ℃ |  | **Jacket Outlet Temperature** | {#2}{#mainEngine2}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine2}{/2} | ℃ |
| **Crankcase Pressure** | {#2}{#mainEngine2}{#dfd}{crankcasePressure}{/dfd}{/mainEngine2}{/2} | m bar |  | **HT Cooling Water Pressure** | {#2}{#mainEngine2}{#cw}{htPressure}{/cw}{/mainEngine2}{/2} | bar |
| **Lub Oil Pressure** | {#2}{#mainEngine2}{#dfd}{loPressure}{/dfd}{/mainEngine2}{/2} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#2}{#mainEngine2}{#dfd}{loTemperature}{/dfd}{/mainEngine2}{/2} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#2}{#mainEngine2}{#dfd}{rpm}{/dfd}{/mainEngine2}{/2} | R.P.M |  | **Gas Pressure** | {#2}{#mainEngine2}{#gas}{pressure}{/gas}{/mainEngine2}{/2} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#2}{#mainEngine2}{#fo}{pressure}{/fo}{/mainEngine2}{/2} | bar |
|  |  |  |  | **Temperature** | {#2}{#mainEngine2}{#fo}{temperature}{/fo}{/mainEngine2}{/2} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#2}{#mainEngine2}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine2}{/2} | ℃ |  | **Cylinder 01A** | {#2}{#mainEngine2}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine2}{/2} | bar |
| **Cylinder 02A** | {#2}{#mainEngine2}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine2}{/2} | ℃ |  | **Cylinder 02A** | {#2}{#mainEngine2}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine2}{/2} | bar |
| **Cylinder 03A** | {#2}{#mainEngine2}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine2}{/2} | ℃ |  | **Cylinder 03A** | {#2}{#mainEngine2}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine2}{/2} | bar |
| **Cylinder 04A** | {#2}{#mainEngine2}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine2}{/2} | ℃ |  | **Cylinder 04A** | {#2}{#mainEngine2}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine2}{/2} | bar |
| **Cylinder 05A** | {#2}{#mainEngine2}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine2}{/2} | ℃ |  | **Cylinder 05A** | {#2}{#mainEngine2}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine2}{/2} | bar |
| **Cylinder 06A** | {#2}{#mainEngine2}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine2}{/2} | ℃ |  | **Cylinder 06A** | {#2}{#mainEngine2}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine2}{/2} | bar |
| **Cylinder 07A** | {#2}{#mainEngine2}{#cylinders}{#7}{exhauseGasTemp}{/7}{/cylinders}{/mainEngine2}{/2} | ℃ |  | **Cylinder 07A** | {#2}{#mainEngine2}{#cylinders}{#7}{peakPressure}{/7}{/cylinders}{/mainEngine2}{/2} | bar |
| **Cylinder 08A** | {#2}{#mainEngine2}{#cylinders}{#8}{exhauseGasTemp}{/8}{/cylinders}{/mainEngine2}{/2} | ℃ |  | **Cylinder 08A** | {#2}{#mainEngine2}{#cylinders}{#8}{peakPressure}{/8}{/cylinders}{/mainEngine2}{/2} | bar |

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| GENERATOR 3 |

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| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 3 Frequency** | {#2}{#alternator3}{frequency}{/alternator3}{/2} | Hz |  | **RPM** | {#2}{#mainEngine3}{#turboCharger}{rpm}{/turboCharger}{/mainEngine3}{/2} | R.P.M |
| **Dynamo No. 3 Voltage** | {#2}{#alternator3}{voltage}{/alternator3}{/2} | V |  | **LO Temperature** | {#2}{#mainEngine3}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine3}{/2} | ℃ |
| **Dynamo No. 3 Ampere** | {#2}{#alternator3}{ampere}{/alternator3}{/2} | Amp |  | **LO Pressure** | {#2}{#mainEngine3}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine3}{/2} | bar |
| **Dynamo No. 3 Power** | {#2}{#alternator3}{power}{/alternator3}{/2} | kw |  | **Exhaust Gas Inlet Temperature** | {#2}{#mainEngine3}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine3}{/2} | ℃ |
| **Dynamo No. 3 Running Hours** | {#2}{#alternator3}{runningHours}{/alternator3}{/2} | HRS |  | **Exhaust Gas Outlet Temperature** | {#2}{#mainEngine3}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine3}{/2} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#2}{#mainEngine3}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine3}{/2} | bar |  | **LT Inlet Temperature** | {#2}{#mainEngine3}{#cw}{ltInletTemperature}{/cw}{/mainEngine3}{/2} | ℃ |
| **Scavenge Air Temperature** | {#2}{#mainEngine3}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine3}{/2} | ℃ |  | **Jacket Inlet Temperature** | {#2}{#mainEngine3}{#cw}{jacketInletTemperature}{/cw}{/mainEngine3}{/2} | ℃ |
| **T/C Air Inlet Temperature** | {#2}{#mainEngine3}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine3}{/2} | ℃ |  | **Jacket Outlet Temperature** | {#2}{#mainEngine3}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine3}{/2} | ℃ |
| **Crankcase Pressure** | {#2}{#mainEngine3}{#dfd}{crankcasePressure}{/dfd}{/mainEngine3}{/2} | m bar |  | **HT Cooling Water Pressure** | {#2}{#mainEngine3}{#cw}{htPressure}{/cw}{/mainEngine3}{/2} | bar |
| **Lub Oil Pressure** | {#2}{#mainEngine3}{#dfd}{loPressure}{/dfd}{/mainEngine3}{/2} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#2}{#mainEngine3}{#dfd}{loTemperature}{/dfd}{/mainEngine3}{/2} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#2}{#mainEngine3}{#dfd}{rpm}{/dfd}{/mainEngine3}{/2} | R.P.M |  | **Gas Pressure** | {#2}{#mainEngine3}{#gas}{pressure}{/gas}{/mainEngine3}{/2} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#2}{#mainEngine3}{#fo}{pressure}{/fo}{/mainEngine3}{/2} | bar |
|  |  |  |  | **Temperature** | {#2}{#mainEngine3}{#fo}{temperature}{/fo}{/mainEngine3}{/2} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#2}{#mainEngine3}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine3}{/2} | ℃ |  | **Cylinder 01A** | {#2}{#mainEngine3}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine3}{/2} | bar |
| **Cylinder 02A** | {#2}{#mainEngine3}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine3}{/2} | ℃ |  | **Cylinder 02A** | {#2}{#mainEngine3}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine3}{/2} | bar |
| **Cylinder 03A** | {#2}{#mainEngine3}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine3}{/2} | ℃ |  | **Cylinder 03A** | {#2}{#mainEngine3}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine3}{/2} | bar |
| **Cylinder 04A** | {#2}{#mainEngine3}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine3}{/2} | ℃ |  | **Cylinder 04A** | {#2}{#mainEngine3}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine3}{/2} | bar |
| **Cylinder 05A** | {#2}{#mainEngine3}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine3}{/2} | ℃ |  | **Cylinder 05A** | {#2}{#mainEngine3}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine3}{/2} | bar |
| **Cylinder 06A** | {#2}{#mainEngine3}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine3}{/2} | ℃ |  | **Cylinder 06A** | {#2}{#mainEngine3}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine3}{/2} | bar |

**Engine Log**

{generatedDate}, 1201 - 1600

|  |
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| RECORDS |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Fuel Oil** | | |  | **Noon Total** | | |
| **DFDE Diesel Consumption** | {#3}{#records}{#fo}{dfdeDieselConsumption}{/fo}{/records}{/3} | MT |  | **Hours Under Weight** | {#3}{#records}{#noontotal}{hoursUnderWay}{/noontotal}{/records}{/3} | hrs |
| **Pilot Diesel Consumption** | {#3}{#records}{#fo}{pilotDieselConsumption}{/fo}{/records}{/3} | MT |  | **Hours Propelling** | {#3}{#records}{#noontotal}{hoursPropelling}{/noontotal}{/records}{/3} | hrs |
| **GCU Diesel Consumption** | {#3}{#records}{#fo}{gcuDieselConusmption}{/fo}{/records}{/3} | MT |  | **Distance Run Log** | {#3}{#records}{#noontotal}{distanceRunLog}{/noontotal}{/records}{/3} | nautical miles |
| **Received** | {#3}{#records}{#fo}{received}{/fo}{/records}{/3} | MT |  | **Distance Run O.G** | {#3}{#records}{#noontotal}{distanceRunOg}{/noontotal}{/records}{/3} | nautical miles |
| **ROB** | {#3}{#records}{#fo}{rob}{/fo}{/records}{/3} | MT |  | **Speed** | {#3}{#records}{speed}{/records}{/3} | knots |
|  | | |  | **Slip** | {#3}{#records}{slip}{/records}{/3} | % |
| **NG Consumption** | | |  | **Time Correction** | {#3}{#records}{timeCorrection}{/records}{/3} | hrs |
| **DFDE - 1** | {#3}{#records}{#ng}{dfde1}{/ng}{/records}{/3} | KG |  | **Port Thruster RPM** | {#3}{#records}{portThrusterRPM}{/records}{/3} | R.P.M |
| **DFDE - 1** | {#3}{#records}{#ng}{dfde2}{/ng}{/records}{/3} | KG |  | **Stbd Thruster RPM** | {#3}{#records}{stbdThrustureRPM}{/records}{/3} | R.P.M |
| **DFDE - 1** | {#3}{#records}{#ng}{dfde3}{/ng}{/records}{/3} | KG |  |  |  |  |
| **DFDE - Total** | {#3}{#records}{#ng}{dfdeTotal}{/ng}{/records}{/3} | KG |  |  |  |  |
|  |  |  |  |  |  |  |
| **Lub Oil - DFD Sump Oil** | | |  | **FW** | | |
| **Consumed** | {#3}{#records}{#lo}{consumption}{/lo}{/records}{/3} | LTRS |  | **Consumption** | {#3}{#records}{#fw}{consumption}{/fw}{/records}{/3} | MT |
| **Received** | {#3}{#records}{#lo}{received}{/lo}{/records}{/3} | LTRS |  | **Production** | {#3}{#records}{#fw}{production}{/fw}{/records}{/3} | MT |
| **ROB** | {#3}{#records}{#lo}{rob}{/lo}{/records}{/3} | LTRS |  | **ROB** | {#3}{#records}{#fw}{rob}{/fw}{/records}{/3} | MT |

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| GENERAL |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Departure Port** | {#3}{#general}{departurePort}{/general}{/3} |  | **Handle Notch - Port** | {#3}{#general}{handleNotchPort}{/general}{/3} |
| **Departure Time** | {#3}{#general}{departureTime}{/general}{/3} |  | **Handle Notch - Stbd** | {#3}{#general}{handleNotchStbd}{/general}{/3} |
| **Arrival Port** | {#3}{#general}{arrivalPort}{/general}{/3} |  | **Wind Force** | {#3}{#general}{windForce}{/general}{/3} |
| **Arrival Time** | {#3}{#general}{arrivalTime}{/general}{/3} |  | **Wind Direction** | {#3}{#general}{windDirection}{/general}{/3} |
| **Departure Draft – Fwd** | {#3}{#general}{departureDraftFwd}{/general}{/3} |  | **Weather** | {#3}{#general}{weather}{/general}{/3} |
| **Departure Draft – Aft** | {#3}{#general}{departureDraftAft}{/general}{/3} |  | **Sea of State** | {#3}{#general}{seaState}{/general}{/3} |
| **Arrival Draft – Fwd** | {#3}{#general}{arrivalDraftFwd}{/general}{/3} |  |  |  |
| **Arrival Draft – Aft** | {#3}{#general}{arrivalDraftAft}{/general}{/3} |  |  |  |

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| TANK |

|  |  |  |  |  |  |
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| **Main Engine Service** | | |  |  |  |
| **FO Tank Port** | {#3}{#tank}{foTankPort}{/tank}{/3} | cub. m |  |  |  |
| **FO Tank Stbd** | {#3}{#tank}{foTankStbd}{/tank}{/3} | cub. m |  |  |  |

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| TEST RESULT |

|  |  |  |  |  |  |
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| **Lub Oil** | | |  | **Cooling Fresh Water** | |
| **Flash Point** | {#3}{#test}{#lo}{flashPoint}{/lo}{/test}{/3} |  |  | **Nitrate-ppm** | {#3}{#test}{#cfw}{nitrate}{/cfw}{/test}{/3} |
| **Viscosity** | {#3}{#test}{#lo}{viscosity}{/lo}{/test}{/3} | CSt’ at 40 degC |  | **Chloride-ppm** | {#3}{#test}{#cfw}{chloride}{/cfw}{/test}{/3} |
| **Total Base No.** | {#3}{#test}{#lo}{totalBaseNo}{/lo}{/test}{/3} |  |  |  |  |
| **Insoluble Matter** | {#3}{#test}{#lo}{insolubleMatter}{/lo}{/test}{/3} | wt % |  |  |  |
| **Water Content** | {#3}{#test}{#lo}{waterContent}{/lo}{/test}{/3} | vol% |  |  |  |

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| THRUSTER MOTOR |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Port Side** | | |  | **Stbd Side** | | |
| **Motor winding temp "U"** | {#3}{#thrusterMotor}{#port}{motorWindingTempU}{/port}{/thrusterMotor}{/3} | ℃ |  | **Motor winding temp "U"** | {#3}{#thrusterMotor}{#stbd}{motorWindingTempU}{/stbd}{/thrusterMotor}{/3} | ℃ |
| **Motor winding temp "V"** | {#3}{#thrusterMotor}{#port}{motorWindingTempV}{/port}{/thrusterMotor}{/3} | ℃ |  | **Motor winding temp "V"** | {#3}{#thrusterMotor}{#stbd}{motorWindingTempV}{/stbd}{/thrusterMotor}{/3} | ℃ |
| **Motor winding temp "W"** | {#3}{#thrusterMotor}{#port}{motorWindingTempW}{/port}{/thrusterMotor}{/3} | ℃ |  | **Motor winding temp "W"** | {#3}{#thrusterMotor}{#stbd}{motorWindingTempW}{/stbd}{/thrusterMotor}{/3} | ℃ |
| **Bearing Temperature Drive End** | {#3}{#thrusterMotor}{#port}{bearingTempDE}{/port}{/thrusterMotor}{/3} | ℃ |  | **Bearing Temperature Drive End** | {#3}{#thrusterMotor}{#stbd}{bearingTempDE}{/stbd}{/thrusterMotor}{/3} | ℃ |
| **Bearing Temperature Non Drive End** | {#3}{#thrusterMotor}{#port}{bearingTempNDE}{/port}{/thrusterMotor}{/3} | ℃ |  | **Bearing Temperature Non Drive End** | {#3}{#thrusterMotor}{#stbd}{bearingTempNDE}{/stbd}{/thrusterMotor}{/3} | ℃ |

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| THRUSTER VFD |

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| --- | --- | --- | --- | --- | --- | --- |
| **Port Side** | | |  | **Stbd Side** | | |
| **VFD INU MOTOR CURRENT** | {#3}{#thrusterVFD}{#port}{current}{/port}{/thrusterVFD}{/3} | AMPS |  | **VFD INU MOTOR CURRENT** | {#3}{#thrusterVFD}{#stbd}{current}{/stbd}{/thrusterVFD}{/3} | AMPS |
| **VFD INU MOTOR VOLTAGE** | {#3}{#thrusterVFD}{#port}{voltage}{/port}{/thrusterVFD}{/3} | VOLT |  | **VFD INU MOTOR VOLTAGE** | {#3}{#thrusterVFD}{#stbd}{voltage}{/stbd}{/thrusterVFD}{/3} | VOLT |

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| GENERATOR 1 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Frequency** | {#3}{#alternator1}{frequency}{/alternator1}{/3} | Hz |  | **RPM** | {#3}{#mainEngine1}{#turboCharger}{rpm}{/turboCharger}{/mainEngine1}{/3} | R.P.M |
| **Dynamo No. 1 Voltage** | {#3}{#alternator1}{voltage}{/alternator1}{/3} | V |  | **LO Temperature** | {#3}{#mainEngine1}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine1}{/3} | ℃ |
| **Dynamo No. 1 Ampere** | {#3}{#alternator1}{ampere}{/alternator1}{/3} | Amp |  | **LO Pressure** | {#3}{#mainEngine1}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine1}{/3} | bar |
| **Dynamo No. 1 Power** | {#3}{#alternator1}{power}{/alternator1}{/3} | kw |  | **Exhaust Gas Inlet Temperature** | {#3}{#mainEngine1}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine1}{/3} | ℃ |
| **Dynamo No. 1 Running Hours** | {#3}{#alternator1}{runningHours}{/alternator1}{/3} | HRS |  | **Exhaust Gas Outlet Temperature** | {#3}{#mainEngine1}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine1}{/3} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#3}{#mainEngine1}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine1}{/3} | bar |  | **LT Inlet Temperature** | {#3}{#mainEngine1}{#cw}{ltInletTemperature}{/cw}{/mainEngine1}{/3} | ℃ |
| **Scavenge Air Temperature** | {#3}{#mainEngine1}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine1}{/3} | ℃ |  | **Jacket Inlet Temperature** | {#3}{#mainEngine1}{#cw}{jacketInletTemperature}{/cw}{/mainEngine1}{/3} | ℃ |
| **T/C Air Inlet Temperature** | {#3}{#mainEngine1}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine1}{/3} | ℃ |  | **Jacket Outlet Temperature** | {#3}{#mainEngine1}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine1}{/3} | ℃ |
| **Crankcase Pressure** | {#3}{#mainEngine1}{#dfd}{crankcasePressure}{/dfd}{/mainEngine1}{/3} | m bar |  | **HT Cooling Water Pressure** | {#3}{#mainEngine1}{#cw}{htPressure}{/cw}{/mainEngine1}{/3} | bar |
| **Lub Oil Pressure** | {#3}{#mainEngine1}{#dfd}{loPressure}{/dfd}{/mainEngine1}{/3} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#3}{#mainEngine1}{#dfd}{loTemperature}{/dfd}{/mainEngine1}{/3} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#3}{#mainEngine1}{#dfd}{rpm}{/dfd}{/mainEngine1}{/3} | R.P.M |  | **Gas Pressure** | {#3}{#mainEngine1}{#gas}{pressure}{/gas}{/mainEngine1}{/3} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#3}{#mainEngine1}{#fo}{pressure}{/fo}{/mainEngine1}{/3} | bar |
|  |  |  |  | **Temperature** | {#3}{#mainEngine1}{#fo}{temperature}{/fo}{/mainEngine1}{/3} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#3}{#mainEngine1}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine1}{/3} | ℃ |  | **Cylinder 01A** | {#3}{#mainEngine1}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine1}{/3} | bar |
| **Cylinder 02A** | {#3}{#mainEngine1}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine1}{/3} | ℃ |  | **Cylinder 02A** | {#3}{#mainEngine1}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine1}{/3} | bar |
| **Cylinder 03A** | {#3}{#mainEngine1}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine1}{/3} | ℃ |  | **Cylinder 03A** | {#3}{#mainEngine1}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine1}{/3} | bar |
| **Cylinder 04A** | {#3}{#mainEngine1}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine1}{/3} | ℃ |  | **Cylinder 04A** | {#3}{#mainEngine1}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine1}{/3} | bar |
| **Cylinder 05A** | {#3}{#mainEngine1}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine1}{/3} | ℃ |  | **Cylinder 05A** | {#3}{#mainEngine1}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine1}{/3} | bar |
| **Cylinder 06A** | {#3}{#mainEngine1}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine1}{/3} | ℃ |  | **Cylinder 06A** | {#3}{#mainEngine1}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine1}{/3} | bar |

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| GENERATOR 2 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 2 Frequency** | {#3}{#alternator2}{frequency}{/alternator2}{/3} | Hz |  | **RPM** | {#3}{#mainEngine2}{#turboCharger}{rpm}{/turboCharger}{/mainEngine2}{/3} | R.P.M |
| **Dynamo No. 2 Voltage** | {#3}{#alternator2}{voltage}{/alternator2}{/3} | V |  | **LO Temperature** | {#3}{#mainEngine2}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine2}{/3} | ℃ |
| **Dynamo No. 2 Ampere** | {#3}{#alternator2}{ampere}{/alternator2}{/3} | Amp |  | **LO Pressure** | {#3}{#mainEngine2}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine2}{/3} | bar |
| **Dynamo No. 2 Power** | {#3}{#alternator2}{power}{/alternator2}{/3} | kw |  | **Exhaust Gas Inlet Temperature** | {#3}{#mainEngine2}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine2}{/3} | ℃ |
| **Dynamo No. 2 Running Hours** | {#3}{#alternator2}{runningHours}{/alternator2}{/3} | HRS |  | **Exhaust Gas Outlet Temperature** | {#3}{#mainEngine2}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine2}{/3} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#3}{#mainEngine2}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine2}{/3} | bar |  | **LT Inlet Temperature** | {#3}{#mainEngine2}{#cw}{ltInletTemperature}{/cw}{/mainEngine2}{/3} | ℃ |
| **Scavenge Air Temperature** | {#3}{#mainEngine2}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine2}{/3} | ℃ |  | **Jacket Inlet Temperature** | {#3}{#mainEngine2}{#cw}{jacketInletTemperature}{/cw}{/mainEngine2}{/3} | ℃ |
| **T/C Air Inlet Temperature** | {#3}{#mainEngine2}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine2}{/3} | ℃ |  | **Jacket Outlet Temperature** | {#3}{#mainEngine2}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine2}{/3} | ℃ |
| **Crankcase Pressure** | {#3}{#mainEngine2}{#dfd}{crankcasePressure}{/dfd}{/mainEngine2}{/3} | m bar |  | **HT Cooling Water Pressure** | {#3}{#mainEngine2}{#cw}{htPressure}{/cw}{/mainEngine2}{/3} | bar |
| **Lub Oil Pressure** | {#3}{#mainEngine2}{#dfd}{loPressure}{/dfd}{/mainEngine2}{/3} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#3}{#mainEngine2}{#dfd}{loTemperature}{/dfd}{/mainEngine2}{/3} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#3}{#mainEngine2}{#dfd}{rpm}{/dfd}{/mainEngine2}{/3} | R.P.M |  | **Gas Pressure** | {#3}{#mainEngine2}{#gas}{pressure}{/gas}{/mainEngine2}{/3} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#3}{#mainEngine2}{#fo}{pressure}{/fo}{/mainEngine2}{/3} | bar |
|  |  |  |  | **Temperature** | {#3}{#mainEngine2}{#fo}{temperature}{/fo}{/mainEngine2}{/3} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#3}{#mainEngine2}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine2}{/3} | ℃ |  | **Cylinder 01A** | {#3}{#mainEngine2}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine2}{/3} | bar |
| **Cylinder 02A** | {#3}{#mainEngine2}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine2}{/3} | ℃ |  | **Cylinder 02A** | {#3}{#mainEngine2}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine2}{/3} | bar |
| **Cylinder 03A** | {#3}{#mainEngine2}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine2}{/3} | ℃ |  | **Cylinder 03A** | {#3}{#mainEngine2}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine2}{/3} | bar |
| **Cylinder 04A** | {#3}{#mainEngine2}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine2}{/3} | ℃ |  | **Cylinder 04A** | {#3}{#mainEngine2}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine2}{/3} | bar |
| **Cylinder 05A** | {#3}{#mainEngine2}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine2}{/3} | ℃ |  | **Cylinder 05A** | {#3}{#mainEngine2}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine2}{/3} | bar |
| **Cylinder 06A** | {#3}{#mainEngine2}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine2}{/3} | ℃ |  | **Cylinder 06A** | {#3}{#mainEngine2}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine2}{/3} | bar |
| **Cylinder 07A** | {#3}{#mainEngine2}{#cylinders}{#7}{exhauseGasTemp}{/7}{/cylinders}{/mainEngine2}{/3} | ℃ |  | **Cylinder 07A** | {#3}{#mainEngine2}{#cylinders}{#7}{peakPressure}{/7}{/cylinders}{/mainEngine2}{/3} | bar |
| **Cylinder 08A** | {#3}{#mainEngine2}{#cylinders}{#8}{exhauseGasTemp}{/8}{/cylinders}{/mainEngine2}{/3} | ℃ |  | **Cylinder 08A** | {#3}{#mainEngine2}{#cylinders}{#8}{peakPressure}{/8}{/cylinders}{/mainEngine2}{/3} | bar |

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| GENERATOR 3 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 3 Frequency** | {#3}{#alternator3}{frequency}{/alternator3}{/3} | Hz |  | **RPM** | {#3}{#mainEngine3}{#turboCharger}{rpm}{/turboCharger}{/mainEngine3}{/3} | R.P.M |
| **Dynamo No. 3 Voltage** | {#3}{#alternator3}{voltage}{/alternator3}{/3} | V |  | **LO Temperature** | {#3}{#mainEngine3}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine3}{/3} | ℃ |
| **Dynamo No. 3 Ampere** | {#3}{#alternator3}{ampere}{/alternator3}{/3} | Amp |  | **LO Pressure** | {#3}{#mainEngine3}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine3}{/3} | bar |
| **Dynamo No. 3 Power** | {#3}{#alternator3}{power}{/alternator3}{/3} | kw |  | **Exhaust Gas Inlet Temperature** | {#3}{#mainEngine3}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine3}{/3} | ℃ |
| **Dynamo No. 3 Running Hours** | {#3}{#alternator3}{runningHours}{/alternator3}{/3} | HRS |  | **Exhaust Gas Outlet Temperature** | {#3}{#mainEngine3}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine3}{/3} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#3}{#mainEngine3}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine3}{/3} | bar |  | **LT Inlet Temperature** | {#3}{#mainEngine3}{#cw}{ltInletTemperature}{/cw}{/mainEngine3}{/3} | ℃ |
| **Scavenge Air Temperature** | {#3}{#mainEngine3}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine3}{/3} | ℃ |  | **Jacket Inlet Temperature** | {#3}{#mainEngine3}{#cw}{jacketInletTemperature}{/cw}{/mainEngine3}{/3} | ℃ |
| **T/C Air Inlet Temperature** | {#3}{#mainEngine3}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine3}{/3} | ℃ |  | **Jacket Outlet Temperature** | {#3}{#mainEngine3}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine3}{/3} | ℃ |
| **Crankcase Pressure** | {#3}{#mainEngine3}{#dfd}{crankcasePressure}{/dfd}{/mainEngine3}{/3} | m bar |  | **HT Cooling Water Pressure** | {#3}{#mainEngine3}{#cw}{htPressure}{/cw}{/mainEngine3}{/3} | bar |
| **Lub Oil Pressure** | {#3}{#mainEngine3}{#dfd}{loPressure}{/dfd}{/mainEngine3}{/3} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#3}{#mainEngine3}{#dfd}{loTemperature}{/dfd}{/mainEngine3}{/3} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#3}{#mainEngine3}{#dfd}{rpm}{/dfd}{/mainEngine3}{/3} | R.P.M |  | **Gas Pressure** | {#3}{#mainEngine3}{#gas}{pressure}{/gas}{/mainEngine3}{/3} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#3}{#mainEngine3}{#fo}{pressure}{/fo}{/mainEngine3}{/3} | bar |
|  |  |  |  | **Temperature** | {#3}{#mainEngine3}{#fo}{temperature}{/fo}{/mainEngine3}{/3} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#3}{#mainEngine3}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine3}{/3} | ℃ |  | **Cylinder 01A** | {#3}{#mainEngine3}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine3}{/3} | bar |
| **Cylinder 02A** | {#3}{#mainEngine3}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine3}{/3} | ℃ |  | **Cylinder 02A** | {#3}{#mainEngine3}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine3}{/3} | bar |
| **Cylinder 03A** | {#3}{#mainEngine3}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine3}{/3} | ℃ |  | **Cylinder 03A** | {#3}{#mainEngine3}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine3}{/3} | bar |
| **Cylinder 04A** | {#3}{#mainEngine3}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine3}{/3} | ℃ |  | **Cylinder 04A** | {#3}{#mainEngine3}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine3}{/3} | bar |
| **Cylinder 05A** | {#3}{#mainEngine3}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine3}{/3} | ℃ |  | **Cylinder 05A** | {#3}{#mainEngine3}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine3}{/3} | bar |
| **Cylinder 06A** | {#3}{#mainEngine3}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine3}{/3} | ℃ |  | **Cylinder 06A** | {#3}{#mainEngine3}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine3}{/3} | bar |

**Engine Log**

{generatedDate}, 1601 - 2000

|  |
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| RECORDS |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Fuel Oil** | | |  | **Noon Total** | | |
| **DFDE Diesel Consumption** | {#4}{#records}{#fo}{dfdeDieselConsumption}{/fo}{/records}{/4} | MT |  | **Hours Under Weight** | {#4}{#records}{#noontotal}{hoursUnderWay}{/noontotal}{/records}{/4} | hrs |
| **Pilot Diesel Consumption** | {#4}{#records}{#fo}{pilotDieselConsumption}{/fo}{/records}{/4} | MT |  | **Hours Propelling** | {#4}{#records}{#noontotal}{hoursPropelling}{/noontotal}{/records}{/4} | hrs |
| **GCU Diesel Consumption** | {#4}{#records}{#fo}{gcuDieselConusmption}{/fo}{/records}{/4} | MT |  | **Distance Run Log** | {#4}{#records}{#noontotal}{distanceRunLog}{/noontotal}{/records}{/4} | nautical miles |
| **Received** | {#4}{#records}{#fo}{received}{/fo}{/records}{/4} | MT |  | **Distance Run O.G** | {#4}{#records}{#noontotal}{distanceRunOg}{/noontotal}{/records}{/4} | nautical miles |
| **ROB** | {#4}{#records}{#fo}{rob}{/fo}{/records}{/4} | MT |  | **Speed** | {#4}{#records}{speed}{/records}{/4} | knots |
|  | | |  | **Slip** | {#4}{#records}{slip}{/records}{/4} | % |
| **NG Consumption** | | |  | **Time Correction** | {#4}{#records}{timeCorrection}{/records}{/4} | hrs |
| **DFDE - 1** | {#4}{#records}{#ng}{dfde1}{/ng}{/records}{/4} | KG |  | **Port Thruster RPM** | {#4}{#records}{portThrusterRPM}{/records}{/4} | R.P.M |
| **DFDE - 1** | {#4}{#records}{#ng}{dfde2}{/ng}{/records}{/4} | KG |  | **Stbd Thruster RPM** | {#4}{#records}{stbdThrustureRPM}{/records}{/4} | R.P.M |
| **DFDE - 1** | {#4}{#records}{#ng}{dfde3}{/ng}{/records}{/4} | KG |  |  |  |  |
| **DFDE - Total** | {#4}{#records}{#ng}{dfdeTotal}{/ng}{/records}{/4} | KG |  |  |  |  |
|  |  |  |  |  |  |  |
| **Lub Oil - DFD Sump Oil** | | |  | **FW** | | |
| **Consumed** | {#4}{#records}{#lo}{consumption}{/lo}{/records}{/4} | LTRS |  | **Consumption** | {#4}{#records}{#fw}{consumption}{/fw}{/records}{/4} | MT |
| **Received** | {#4}{#records}{#lo}{received}{/lo}{/records}{/4} | LTRS |  | **Production** | {#4}{#records}{#fw}{production}{/fw}{/records}{/4} | MT |
| **ROB** | {#4}{#records}{#lo}{rob}{/lo}{/records}{/4} | LTRS |  | **ROB** | {#4}{#records}{#fw}{rob}{/fw}{/records}{/4} | MT |

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| GENERAL |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Departure Port** | {#4}{#general}{departurePort}{/general}{/4} |  | **Handle Notch - Port** | {#4}{#general}{handleNotchPort}{/general}{/4} |
| **Departure Time** | {#4}{#general}{departureTime}{/general}{/4} |  | **Handle Notch - Stbd** | {#4}{#general}{handleNotchStbd}{/general}{/4} |
| **Arrival Port** | {#4}{#general}{arrivalPort}{/general}{/4} |  | **Wind Force** | {#4}{#general}{windForce}{/general}{/4} |
| **Arrival Time** | {#4}{#general}{arrivalTime}{/general}{/4} |  | **Wind Direction** | {#4}{#general}{windDirection}{/general}{/4} |
| **Departure Draft – Fwd** | {#4}{#general}{departureDraftFwd}{/general}{/4} |  | **Weather** | {#4}{#general}{weather}{/general}{/4} |
| **Departure Draft – Aft** | {#4}{#general}{departureDraftAft}{/general}{/4} |  | **Sea of State** | {#4}{#general}{seaState}{/general}{/4} |
| **Arrival Draft – Fwd** | {#4}{#general}{arrivalDraftFwd}{/general}{/4} |  |  |  |
| **Arrival Draft – Aft** | {#4}{#general}{arrivalDraftAft}{/general}{/4} |  |  |  |

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| --- |
| TANK |

|  |  |  |  |  |  |
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| **Main Engine Service** | | |  |  |  |
| **FO Tank Port** | {#4}{#tank}{foTankPort}{/tank}{/4} | cub. m |  |  |  |
| **FO Tank Stbd** | {#4}{#tank}{foTankStbd}{/tank}{/4} | cub. m |  |  |  |

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| TEST RESULT |

|  |  |  |  |  |  |
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| **Lub Oil** | | |  | **Cooling Fresh Water** | |
| **Flash Point** | {#4}{#test}{#lo}{flashPoint}{/lo}{/test}{/4} |  |  | **Nitrate-ppm** | {#4}{#test}{#cfw}{nitrate}{/cfw}{/test}{/4} |
| **Viscosity** | {#4}{#test}{#lo}{viscosity}{/lo}{/test}{/4} | CSt’ at 40 degC |  | **Chloride-ppm** | {#4}{#test}{#cfw}{chloride}{/cfw}{/test}{/4} |
| **Total Base No.** | {#4}{#test}{#lo}{totalBaseNo}{/lo}{/test}{/4} |  |  |  |  |
| **Insoluble Matter** | {#4}{#test}{#lo}{insolubleMatter}{/lo}{/test}{/4} | wt % |  |  |  |
| **Water Content** | {#4}{#test}{#lo}{waterContent}{/lo}{/test}{/4} | vol% |  |  |  |

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| THRUSTER MOTOR |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Port Side** | | |  | **Stbd Side** | | |
| **Motor winding temp "U"** | {#4}{#thrusterMotor}{#port}{motorWindingTempU}{/port}{/thrusterMotor}{/4} | ℃ |  | **Motor winding temp "U"** | {#4}{#thrusterMotor}{#stbd}{motorWindingTempU}{/stbd}{/thrusterMotor}{/4} | ℃ |
| **Motor winding temp "V"** | {#4}{#thrusterMotor}{#port}{motorWindingTempV}{/port}{/thrusterMotor}{/4} | ℃ |  | **Motor winding temp "V"** | {#4}{#thrusterMotor}{#stbd}{motorWindingTempV}{/stbd}{/thrusterMotor}{/4} | ℃ |
| **Motor winding temp "W"** | {#4}{#thrusterMotor}{#port}{motorWindingTempW}{/port}{/thrusterMotor}{/4} | ℃ |  | **Motor winding temp "W"** | {#4}{#thrusterMotor}{#stbd}{motorWindingTempW}{/stbd}{/thrusterMotor}{/4} | ℃ |
| **Bearing Temperature Drive End** | {#4}{#thrusterMotor}{#port}{bearingTempDE}{/port}{/thrusterMotor}{/4} | ℃ |  | **Bearing Temperature Drive End** | {#4}{#thrusterMotor}{#stbd}{bearingTempDE}{/stbd}{/thrusterMotor}{/4} | ℃ |
| **Bearing Temperature Non Drive End** | {#4}{#thrusterMotor}{#port}{bearingTempNDE}{/port}{/thrusterMotor}{/4} | ℃ |  | **Bearing Temperature Non Drive End** | {#4}{#thrusterMotor}{#stbd}{bearingTempNDE}{/stbd}{/thrusterMotor}{/4} | ℃ |

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| THRUSTER VFD |

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| --- | --- | --- | --- | --- | --- | --- |
| **Port Side** | | |  | **Stbd Side** | | |
| **VFD INU MOTOR CURRENT** | {#4}{#thrusterVFD}{#port}{current}{/port}{/thrusterVFD}{/4} | AMPS |  | **VFD INU MOTOR CURRENT** | {#4}{#thrusterVFD}{#stbd}{current}{/stbd}{/thrusterVFD}{/4} | AMPS |
| **VFD INU MOTOR VOLTAGE** | {#4}{#thrusterVFD}{#port}{voltage}{/port}{/thrusterVFD}{/4} | VOLT |  | **VFD INU MOTOR VOLTAGE** | {#4}{#thrusterVFD}{#stbd}{voltage}{/stbd}{/thrusterVFD}{/4} | VOLT |

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| GENERATOR 1 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Frequency** | {#4}{#alternator1}{frequency}{/alternator1}{/4} | Hz |  | **RPM** | {#4}{#mainEngine1}{#turboCharger}{rpm}{/turboCharger}{/mainEngine1}{/4} | R.P.M |
| **Dynamo No. 1 Voltage** | {#4}{#alternator1}{voltage}{/alternator1}{/4} | V |  | **LO Temperature** | {#4}{#mainEngine1}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine1}{/4} | ℃ |
| **Dynamo No. 1 Ampere** | {#4}{#alternator1}{ampere}{/alternator1}{/4} | Amp |  | **LO Pressure** | {#4}{#mainEngine1}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine1}{/4} | bar |
| **Dynamo No. 1 Power** | {#4}{#alternator1}{power}{/alternator1}{/4} | kw |  | **Exhaust Gas Inlet Temperature** | {#4}{#mainEngine1}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine1}{/4} | ℃ |
| **Dynamo No. 1 Running Hours** | {#4}{#alternator1}{runningHours}{/alternator1}{/4} | HRS |  | **Exhaust Gas Outlet Temperature** | {#4}{#mainEngine1}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine1}{/4} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#4}{#mainEngine1}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine1}{/4} | bar |  | **LT Inlet Temperature** | {#4}{#mainEngine1}{#cw}{ltInletTemperature}{/cw}{/mainEngine1}{/4} | ℃ |
| **Scavenge Air Temperature** | {#4}{#mainEngine1}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine1}{/4} | ℃ |  | **Jacket Inlet Temperature** | {#4}{#mainEngine1}{#cw}{jacketInletTemperature}{/cw}{/mainEngine1}{/4} | ℃ |
| **T/C Air Inlet Temperature** | {#4}{#mainEngine1}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine1}{/4} | ℃ |  | **Jacket Outlet Temperature** | {#4}{#mainEngine1}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine1}{/4} | ℃ |
| **Crankcase Pressure** | {#4}{#mainEngine1}{#dfd}{crankcasePressure}{/dfd}{/mainEngine1}{/4} | m bar |  | **HT Cooling Water Pressure** | {#4}{#mainEngine1}{#cw}{htPressure}{/cw}{/mainEngine1}{/4} | bar |
| **Lub Oil Pressure** | {#4}{#mainEngine1}{#dfd}{loPressure}{/dfd}{/mainEngine1}{/4} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#4}{#mainEngine1}{#dfd}{loTemperature}{/dfd}{/mainEngine1}{/4} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#4}{#mainEngine1}{#dfd}{rpm}{/dfd}{/mainEngine1}{/4} | R.P.M |  | **Gas Pressure** | {#4}{#mainEngine1}{#gas}{pressure}{/gas}{/mainEngine1}{/4} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#4}{#mainEngine1}{#fo}{pressure}{/fo}{/mainEngine1}{/4} | bar |
|  |  |  |  | **Temperature** | {#4}{#mainEngine1}{#fo}{temperature}{/fo}{/mainEngine1}{/4} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#4}{#mainEngine1}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine1}{/4} | ℃ |  | **Cylinder 01A** | {#4}{#mainEngine1}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine1}{/4} | bar |
| **Cylinder 02A** | {#4}{#mainEngine1}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine1}{/4} | ℃ |  | **Cylinder 02A** | {#4}{#mainEngine1}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine1}{/4} | bar |
| **Cylinder 03A** | {#4}{#mainEngine1}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine1}{/4} | ℃ |  | **Cylinder 03A** | {#4}{#mainEngine1}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine1}{/4} | bar |
| **Cylinder 04A** | {#4}{#mainEngine1}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine1}{/4} | ℃ |  | **Cylinder 04A** | {#4}{#mainEngine1}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine1}{/4} | bar |
| **Cylinder 05A** | {#4}{#mainEngine1}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine1}{/4} | ℃ |  | **Cylinder 05A** | {#4}{#mainEngine1}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine1}{/4} | bar |
| **Cylinder 06A** | {#4}{#mainEngine1}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine1}{/4} | ℃ |  | **Cylinder 06A** | {#4}{#mainEngine1}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine1}{/4} | bar |

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| --- |
| GENERATOR 2 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 2 Frequency** | {#4}{#alternator2}{frequency}{/alternator2}{/4} | Hz |  | **RPM** | {#4}{#mainEngine2}{#turboCharger}{rpm}{/turboCharger}{/mainEngine2}{/4} | R.P.M |
| **Dynamo No. 2 Voltage** | {#4}{#alternator2}{voltage}{/alternator2}{/4} | V |  | **LO Temperature** | {#4}{#mainEngine2}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine2}{/4} | ℃ |
| **Dynamo No. 2 Ampere** | {#4}{#alternator2}{ampere}{/alternator2}{/4} | Amp |  | **LO Pressure** | {#4}{#mainEngine2}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine2}{/4} | bar |
| **Dynamo No. 2 Power** | {#4}{#alternator2}{power}{/alternator2}{/4} | kw |  | **Exhaust Gas Inlet Temperature** | {#4}{#mainEngine2}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine2}{/4} | ℃ |
| **Dynamo No. 2 Running Hours** | {#4}{#alternator2}{runningHours}{/alternator2}{/4} | HRS |  | **Exhaust Gas Outlet Temperature** | {#4}{#mainEngine2}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine2}{/4} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#4}{#mainEngine2}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine2}{/4} | bar |  | **LT Inlet Temperature** | {#4}{#mainEngine2}{#cw}{ltInletTemperature}{/cw}{/mainEngine2}{/4} | ℃ |
| **Scavenge Air Temperature** | {#4}{#mainEngine2}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine2}{/4} | ℃ |  | **Jacket Inlet Temperature** | {#4}{#mainEngine2}{#cw}{jacketInletTemperature}{/cw}{/mainEngine2}{/4} | ℃ |
| **T/C Air Inlet Temperature** | {#4}{#mainEngine2}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine2}{/4} | ℃ |  | **Jacket Outlet Temperature** | {#4}{#mainEngine2}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine2}{/4} | ℃ |
| **Crankcase Pressure** | {#4}{#mainEngine2}{#dfd}{crankcasePressure}{/dfd}{/mainEngine2}{/4} | m bar |  | **HT Cooling Water Pressure** | {#4}{#mainEngine2}{#cw}{htPressure}{/cw}{/mainEngine2}{/4} | bar |
| **Lub Oil Pressure** | {#4}{#mainEngine2}{#dfd}{loPressure}{/dfd}{/mainEngine2}{/4} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#4}{#mainEngine2}{#dfd}{loTemperature}{/dfd}{/mainEngine2}{/4} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#4}{#mainEngine2}{#dfd}{rpm}{/dfd}{/mainEngine2}{/4} | R.P.M |  | **Gas Pressure** | {#4}{#mainEngine2}{#gas}{pressure}{/gas}{/mainEngine2}{/4} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#4}{#mainEngine2}{#fo}{pressure}{/fo}{/mainEngine2}{/4} | bar |
|  |  |  |  | **Temperature** | {#4}{#mainEngine2}{#fo}{temperature}{/fo}{/mainEngine2}{/4} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#4}{#mainEngine2}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine2}{/4} | ℃ |  | **Cylinder 01A** | {#4}{#mainEngine2}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine2}{/4} | bar |
| **Cylinder 02A** | {#4}{#mainEngine2}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine2}{/4} | ℃ |  | **Cylinder 02A** | {#4}{#mainEngine2}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine2}{/4} | bar |
| **Cylinder 03A** | {#4}{#mainEngine2}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine2}{/4} | ℃ |  | **Cylinder 03A** | {#4}{#mainEngine2}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine2}{/4} | bar |
| **Cylinder 04A** | {#4}{#mainEngine2}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine2}{/4} | ℃ |  | **Cylinder 04A** | {#4}{#mainEngine2}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine2}{/4} | bar |
| **Cylinder 05A** | {#4}{#mainEngine2}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine2}{/4} | ℃ |  | **Cylinder 05A** | {#4}{#mainEngine2}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine2}{/4} | bar |
| **Cylinder 06A** | {#4}{#mainEngine2}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine2}{/4} | ℃ |  | **Cylinder 06A** | {#4}{#mainEngine2}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine2}{/4} | bar |
| **Cylinder 07A** | {#4}{#mainEngine2}{#cylinders}{#7}{exhauseGasTemp}{/7}{/cylinders}{/mainEngine2}{/4} | ℃ |  | **Cylinder 07A** | {#4}{#mainEngine2}{#cylinders}{#7}{peakPressure}{/7}{/cylinders}{/mainEngine2}{/4} | bar |
| **Cylinder 08A** | {#4}{#mainEngine2}{#cylinders}{#8}{exhauseGasTemp}{/8}{/cylinders}{/mainEngine2}{/4} | ℃ |  | **Cylinder 08A** | {#4}{#mainEngine2}{#cylinders}{#8}{peakPressure}{/8}{/cylinders}{/mainEngine2}{/4} | bar |

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| --- |
| GENERATOR 3 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 3 Frequency** | {#4}{#alternator3}{frequency}{/alternator3}{/4} | Hz |  | **RPM** | {#4}{#mainEngine3}{#turboCharger}{rpm}{/turboCharger}{/mainEngine3}{/4} | R.P.M |
| **Dynamo No. 3 Voltage** | {#4}{#alternator3}{voltage}{/alternator3}{/4} | V |  | **LO Temperature** | {#4}{#mainEngine3}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine3}{/4} | ℃ |
| **Dynamo No. 3 Ampere** | {#4}{#alternator3}{ampere}{/alternator3}{/4} | Amp |  | **LO Pressure** | {#4}{#mainEngine3}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine3}{/4} | bar |
| **Dynamo No. 3 Power** | {#4}{#alternator3}{power}{/alternator3}{/4} | kw |  | **Exhaust Gas Inlet Temperature** | {#4}{#mainEngine3}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine3}{/4} | ℃ |
| **Dynamo No. 3 Running Hours** | {#4}{#alternator3}{runningHours}{/alternator3}{/4} | HRS |  | **Exhaust Gas Outlet Temperature** | {#4}{#mainEngine3}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine3}{/4} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#4}{#mainEngine3}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine3}{/4} | bar |  | **LT Inlet Temperature** | {#4}{#mainEngine3}{#cw}{ltInletTemperature}{/cw}{/mainEngine3}{/4} | ℃ |
| **Scavenge Air Temperature** | {#4}{#mainEngine3}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine3}{/4} | ℃ |  | **Jacket Inlet Temperature** | {#4}{#mainEngine3}{#cw}{jacketInletTemperature}{/cw}{/mainEngine3}{/4} | ℃ |
| **T/C Air Inlet Temperature** | {#4}{#mainEngine3}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine3}{/4} | ℃ |  | **Jacket Outlet Temperature** | {#4}{#mainEngine3}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine3}{/4} | ℃ |
| **Crankcase Pressure** | {#4}{#mainEngine3}{#dfd}{crankcasePressure}{/dfd}{/mainEngine3}{/4} | m bar |  | **HT Cooling Water Pressure** | {#4}{#mainEngine3}{#cw}{htPressure}{/cw}{/mainEngine3}{/4} | bar |
| **Lub Oil Pressure** | {#4}{#mainEngine3}{#dfd}{loPressure}{/dfd}{/mainEngine3}{/4} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#4}{#mainEngine3}{#dfd}{loTemperature}{/dfd}{/mainEngine3}{/4} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#4}{#mainEngine3}{#dfd}{rpm}{/dfd}{/mainEngine3}{/4} | R.P.M |  | **Gas Pressure** | {#4}{#mainEngine3}{#gas}{pressure}{/gas}{/mainEngine3}{/4} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#4}{#mainEngine3}{#fo}{pressure}{/fo}{/mainEngine3}{/4} | bar |
|  |  |  |  | **Temperature** | {#4}{#mainEngine3}{#fo}{temperature}{/fo}{/mainEngine3}{/4} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#4}{#mainEngine3}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine3}{/4} | ℃ |  | **Cylinder 01A** | {#4}{#mainEngine3}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine3}{/4} | bar |
| **Cylinder 02A** | {#4}{#mainEngine3}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine3}{/4} | ℃ |  | **Cylinder 02A** | {#4}{#mainEngine3}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine3}{/4} | bar |
| **Cylinder 03A** | {#4}{#mainEngine3}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine3}{/4} | ℃ |  | **Cylinder 03A** | {#4}{#mainEngine3}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine3}{/4} | bar |
| **Cylinder 04A** | {#4}{#mainEngine3}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine3}{/4} | ℃ |  | **Cylinder 04A** | {#4}{#mainEngine3}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine3}{/4} | bar |
| **Cylinder 05A** | {#4}{#mainEngine3}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine3}{/4} | ℃ |  | **Cylinder 05A** | {#4}{#mainEngine3}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine3}{/4} | bar |
| **Cylinder 06A** | {#4}{#mainEngine3}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine3}{/4} | ℃ |  | **Cylinder 06A** | {#4}{#mainEngine3}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine3}{/4} | bar |

**Engine Log**

{generatedDate}, 2001 - 0000

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| RECORDS |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Fuel Oil** | | |  | **Noon Total** | | |
| **DFDE Diesel Consumption** | {#5}{#records}{#fo}{dfdeDieselConsumption}{/fo}{/records}{/5} | MT |  | **Hours Under Weight** | {#5}{#records}{#noontotal}{hoursUnderWay}{/noontotal}{/records}{/5} | hrs |
| **Pilot Diesel Consumption** | {#5}{#records}{#fo}{pilotDieselConsumption}{/fo}{/records}{/5} | MT |  | **Hours Propelling** | {#5}{#records}{#noontotal}{hoursPropelling}{/noontotal}{/records}{/5} | hrs |
| **GCU Diesel Consumption** | {#5}{#records}{#fo}{gcuDieselConusmption}{/fo}{/records}{/5} | MT |  | **Distance Run Log** | {#5}{#records}{#noontotal}{distanceRunLog}{/noontotal}{/records}{/5} | nautical miles |
| **Received** | {#5}{#records}{#fo}{received}{/fo}{/records}{/5} | MT |  | **Distance Run O.G** | {#5}{#records}{#noontotal}{distanceRunOg}{/noontotal}{/records}{/5} | nautical miles |
| **ROB** | {#5}{#records}{#fo}{rob}{/fo}{/records}{/5} | MT |  | **Speed** | {#5}{#records}{speed}{/records}{/5} | knots |
|  | | |  | **Slip** | {#5}{#records}{slip}{/records}{/5} | % |
| **NG Consumption** | | |  | **Time Correction** | {#5}{#records}{timeCorrection}{/records}{/5} | hrs |
| **DFDE - 1** | {#5}{#records}{#ng}{dfde1}{/ng}{/records}{/5} | KG |  | **Port Thruster RPM** | {#5}{#records}{portThrusterRPM}{/records}{/5} | R.P.M |
| **DFDE - 1** | {#5}{#records}{#ng}{dfde2}{/ng}{/records}{/5} | KG |  | **Stbd Thruster RPM** | {#5}{#records}{stbdThrustureRPM}{/records}{/5} | R.P.M |
| **DFDE - 1** | {#5}{#records}{#ng}{dfde3}{/ng}{/records}{/5} | KG |  |  |  |  |
| **DFDE - Total** | {#5}{#records}{#ng}{dfdeTotal}{/ng}{/records}{/5} | KG |  |  |  |  |
|  |  |  |  |  |  |  |
| **Lub Oil - DFD Sump Oil** | | |  | **FW** | | |
| **Consumed** | {#5}{#records}{#lo}{consumption}{/lo}{/records}{/5} | LTRS |  | **Consumption** | {#5}{#records}{#fw}{consumption}{/fw}{/records}{/5} | MT |
| **Received** | {#5}{#records}{#lo}{received}{/lo}{/records}{/5} | LTRS |  | **Production** | {#5}{#records}{#fw}{production}{/fw}{/records}{/5} | MT |
| **ROB** | {#5}{#records}{#lo}{rob}{/lo}{/records}{/5} | LTRS |  | **ROB** | {#5}{#records}{#fw}{rob}{/fw}{/records}{/5} | MT |

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| GENERAL |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Departure Port** | {#5}{#general}{departurePort}{/general}{/5} |  | **Handle Notch - Port** | {#5}{#general}{handleNotchPort}{/general}{/5} |
| **Departure Time** | {#5}{#general}{departureTime}{/general}{/5} |  | **Handle Notch - Stbd** | {#5}{#general}{handleNotchStbd}{/general}{/5} |
| **Arrival Port** | {#5}{#general}{arrivalPort}{/general}{/5} |  | **Wind Force** | {#5}{#general}{windForce}{/general}{/5} |
| **Arrival Time** | {#5}{#general}{arrivalTime}{/general}{/5} |  | **Wind Direction** | {#5}{#general}{windDirection}{/general}{/5} |
| **Departure Draft – Fwd** | {#5}{#general}{departureDraftFwd}{/general}{/5} |  | **Weather** | {#5}{#general}{weather}{/general}{/5} |
| **Departure Draft – Aft** | {#5}{#general}{departureDraftAft}{/general}{/5} |  | **Sea of State** | {#5}{#general}{seaState}{/general}{/5} |
| **Arrival Draft – Fwd** | {#5}{#general}{arrivalDraftFwd}{/general}{/5} |  |  |  |
| **Arrival Draft – Aft** | {#5}{#general}{arrivalDraftAft}{/general}{/5} |  |  |  |

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| --- |
| TANK |

|  |  |  |  |  |  |
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| **Main Engine Service** | | |  |  |  |
| **FO Tank Port** | {#5}{#tank}{foTankPort}{/tank}{/5} | cub. m |  |  |  |
| **FO Tank Stbd** | {#5}{#tank}{foTankStbd}{/tank}{/5} | cub. m |  |  |  |

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| TEST RESULT |

|  |  |  |  |  |  |
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| **Lub Oil** | | |  | **Cooling Fresh Water** | |
| **Flash Point** | {#5}{#test}{#lo}{flashPoint}{/lo}{/test}{/5} |  |  | **Nitrate-ppm** | {#5}{#test}{#cfw}{nitrate}{/cfw}{/test}{/5} |
| **Viscosity** | {#5}{#test}{#lo}{viscosity}{/lo}{/test}{/5} | CSt’ at 40 degC |  | **Chloride-ppm** | {#5}{#test}{#cfw}{chloride}{/cfw}{/test}{/5} |
| **Total Base No.** | {#5}{#test}{#lo}{totalBaseNo}{/lo}{/test}{/5} |  |  |  |  |
| **Insoluble Matter** | {#5}{#test}{#lo}{insolubleMatter}{/lo}{/test}{/5} | wt % |  |  |  |
| **Water Content** | {#5}{#test}{#lo}{waterContent}{/lo}{/test}{/5} | vol% |  |  |  |

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| THRUSTER MOTOR |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Port Side** | | |  | **Stbd Side** | | |
| **Motor winding temp "U"** | {#5}{#thrusterMotor}{#port}{motorWindingTempU}{/port}{/thrusterMotor}{/5} | ℃ |  | **Motor winding temp "U"** | {#5}{#thrusterMotor}{#stbd}{motorWindingTempU}{/stbd}{/thrusterMotor}{/5} | ℃ |
| **Motor winding temp "V"** | {#5}{#thrusterMotor}{#port}{motorWindingTempV}{/port}{/thrusterMotor}{/5} | ℃ |  | **Motor winding temp "V"** | {#5}{#thrusterMotor}{#stbd}{motorWindingTempV}{/stbd}{/thrusterMotor}{/5} | ℃ |
| **Motor winding temp "W"** | {#5}{#thrusterMotor}{#port}{motorWindingTempW}{/port}{/thrusterMotor}{/5} | ℃ |  | **Motor winding temp "W"** | {#5}{#thrusterMotor}{#stbd}{motorWindingTempW}{/stbd}{/thrusterMotor}{/5} | ℃ |
| **Bearing Temperature Drive End** | {#5}{#thrusterMotor}{#port}{bearingTempDE}{/port}{/thrusterMotor}{/5} | ℃ |  | **Bearing Temperature Drive End** | {#5}{#thrusterMotor}{#stbd}{bearingTempDE}{/stbd}{/thrusterMotor}{/5} | ℃ |
| **Bearing Temperature Non Drive End** | {#5}{#thrusterMotor}{#port}{bearingTempNDE}{/port}{/thrusterMotor}{/5} | ℃ |  | **Bearing Temperature Non Drive End** | {#5}{#thrusterMotor}{#stbd}{bearingTempNDE}{/stbd}{/thrusterMotor}{/5} | ℃ |

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| THRUSTER VFD |

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| --- | --- | --- | --- | --- | --- | --- |
| **Port Side** | | |  | **Stbd Side** | | |
| **VFD INU MOTOR CURRENT** | {#5}{#thrusterVFD}{#port}{current}{/port}{/thrusterVFD}{/5} | AMPS |  | **VFD INU MOTOR CURRENT** | {#5}{#thrusterVFD}{#stbd}{current}{/stbd}{/thrusterVFD}{/5} | AMPS |
| **VFD INU MOTOR VOLTAGE** | {#5}{#thrusterVFD}{#port}{voltage}{/port}{/thrusterVFD}{/5} | VOLT |  | **VFD INU MOTOR VOLTAGE** | {#5}{#thrusterVFD}{#stbd}{voltage}{/stbd}{/thrusterVFD}{/5} | VOLT |

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| GENERATOR 1 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 1 Frequency** | {#5}{#alternator1}{frequency}{/alternator1}{/5} | Hz |  | **RPM** | {#5}{#mainEngine1}{#turboCharger}{rpm}{/turboCharger}{/mainEngine1}{/5} | R.P.M |
| **Dynamo No. 1 Voltage** | {#5}{#alternator1}{voltage}{/alternator1}{/5} | V |  | **LO Temperature** | {#5}{#mainEngine1}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine1}{/5} | ℃ |
| **Dynamo No. 1 Ampere** | {#5}{#alternator1}{ampere}{/alternator1}{/5} | Amp |  | **LO Pressure** | {#5}{#mainEngine1}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine1}{/5} | bar |
| **Dynamo No. 1 Power** | {#5}{#alternator1}{power}{/alternator1}{/5} | kw |  | **Exhaust Gas Inlet Temperature** | {#5}{#mainEngine1}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine1}{/5} | ℃ |
| **Dynamo No. 1 Running Hours** | {#5}{#alternator1}{runningHours}{/alternator1}{/5} | HRS |  | **Exhaust Gas Outlet Temperature** | {#5}{#mainEngine1}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine1}{/5} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#5}{#mainEngine1}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine1}{/5} | bar |  | **LT Inlet Temperature** | {#5}{#mainEngine1}{#cw}{ltInletTemperature}{/cw}{/mainEngine1}{/5} | ℃ |
| **Scavenge Air Temperature** | {#5}{#mainEngine1}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine1}{/5} | ℃ |  | **Jacket Inlet Temperature** | {#5}{#mainEngine1}{#cw}{jacketInletTemperature}{/cw}{/mainEngine1}{/5} | ℃ |
| **T/C Air Inlet Temperature** | {#5}{#mainEngine1}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine1}{/5} | ℃ |  | **Jacket Outlet Temperature** | {#5}{#mainEngine1}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine1}{/5} | ℃ |
| **Crankcase Pressure** | {#5}{#mainEngine1}{#dfd}{crankcasePressure}{/dfd}{/mainEngine1}{/5} | m bar |  | **HT Cooling Water Pressure** | {#5}{#mainEngine1}{#cw}{htPressure}{/cw}{/mainEngine1}{/5} | bar |
| **Lub Oil Pressure** | {#5}{#mainEngine1}{#dfd}{loPressure}{/dfd}{/mainEngine1}{/5} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#5}{#mainEngine1}{#dfd}{loTemperature}{/dfd}{/mainEngine1}{/5} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#5}{#mainEngine1}{#dfd}{rpm}{/dfd}{/mainEngine1}{/5} | R.P.M |  | **Gas Pressure** | {#5}{#mainEngine1}{#gas}{pressure}{/gas}{/mainEngine1}{/5} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#5}{#mainEngine1}{#fo}{pressure}{/fo}{/mainEngine1}{/5} | bar |
|  |  |  |  | **Temperature** | {#5}{#mainEngine1}{#fo}{temperature}{/fo}{/mainEngine1}{/5} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#5}{#mainEngine1}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine1}{/5} | ℃ |  | **Cylinder 01A** | {#5}{#mainEngine1}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine1}{/5} | bar |
| **Cylinder 02A** | {#5}{#mainEngine1}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine1}{/5} | ℃ |  | **Cylinder 02A** | {#5}{#mainEngine1}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine1}{/5} | bar |
| **Cylinder 03A** | {#5}{#mainEngine1}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine1}{/5} | ℃ |  | **Cylinder 03A** | {#5}{#mainEngine1}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine1}{/5} | bar |
| **Cylinder 04A** | {#5}{#mainEngine1}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine1}{/5} | ℃ |  | **Cylinder 04A** | {#5}{#mainEngine1}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine1}{/5} | bar |
| **Cylinder 05A** | {#5}{#mainEngine1}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine1}{/5} | ℃ |  | **Cylinder 05A** | {#5}{#mainEngine1}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine1}{/5} | bar |
| **Cylinder 06A** | {#5}{#mainEngine1}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine1}{/5} | ℃ |  | **Cylinder 06A** | {#5}{#mainEngine1}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine1}{/5} | bar |

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| --- |
| GENERATOR 2 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 2 Frequency** | {#5}{#alternator2}{frequency}{/alternator2}{/5} | Hz |  | **RPM** | {#5}{#mainEngine2}{#turboCharger}{rpm}{/turboCharger}{/mainEngine2}{/5} | R.P.M |
| **Dynamo No. 2 Voltage** | {#5}{#alternator2}{voltage}{/alternator2}{/5} | V |  | **LO Temperature** | {#5}{#mainEngine2}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine2}{/5} | ℃ |
| **Dynamo No. 2 Ampere** | {#5}{#alternator2}{ampere}{/alternator2}{/5} | Amp |  | **LO Pressure** | {#5}{#mainEngine2}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine2}{/5} | bar |
| **Dynamo No. 2 Power** | {#5}{#alternator2}{power}{/alternator2}{/5} | kw |  | **Exhaust Gas Inlet Temperature** | {#5}{#mainEngine2}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine2}{/5} | ℃ |
| **Dynamo No. 2 Running Hours** | {#5}{#alternator2}{runningHours}{/alternator2}{/5} | HRS |  | **Exhaust Gas Outlet Temperature** | {#5}{#mainEngine2}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine2}{/5} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#5}{#mainEngine2}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine2}{/5} | bar |  | **LT Inlet Temperature** | {#5}{#mainEngine2}{#cw}{ltInletTemperature}{/cw}{/mainEngine2}{/5} | ℃ |
| **Scavenge Air Temperature** | {#5}{#mainEngine2}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine2}{/5} | ℃ |  | **Jacket Inlet Temperature** | {#5}{#mainEngine2}{#cw}{jacketInletTemperature}{/cw}{/mainEngine2}{/5} | ℃ |
| **T/C Air Inlet Temperature** | {#5}{#mainEngine2}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine2}{/5} | ℃ |  | **Jacket Outlet Temperature** | {#5}{#mainEngine2}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine2}{/5} | ℃ |
| **Crankcase Pressure** | {#5}{#mainEngine2}{#dfd}{crankcasePressure}{/dfd}{/mainEngine2}{/5} | m bar |  | **HT Cooling Water Pressure** | {#5}{#mainEngine2}{#cw}{htPressure}{/cw}{/mainEngine2}{/5} | bar |
| **Lub Oil Pressure** | {#5}{#mainEngine2}{#dfd}{loPressure}{/dfd}{/mainEngine2}{/5} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#5}{#mainEngine2}{#dfd}{loTemperature}{/dfd}{/mainEngine2}{/5} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#5}{#mainEngine2}{#dfd}{rpm}{/dfd}{/mainEngine2}{/5} | R.P.M |  | **Gas Pressure** | {#5}{#mainEngine2}{#gas}{pressure}{/gas}{/mainEngine2}{/5} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#5}{#mainEngine2}{#fo}{pressure}{/fo}{/mainEngine2}{/5} | bar |
|  |  |  |  | **Temperature** | {#5}{#mainEngine2}{#fo}{temperature}{/fo}{/mainEngine2}{/5} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#5}{#mainEngine2}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine2}{/5} | ℃ |  | **Cylinder 01A** | {#5}{#mainEngine2}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine2}{/5} | bar |
| **Cylinder 02A** | {#5}{#mainEngine2}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine2}{/5} | ℃ |  | **Cylinder 02A** | {#5}{#mainEngine2}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine2}{/5} | bar |
| **Cylinder 03A** | {#5}{#mainEngine2}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine2}{/5} | ℃ |  | **Cylinder 03A** | {#5}{#mainEngine2}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine2}{/5} | bar |
| **Cylinder 04A** | {#5}{#mainEngine2}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine2}{/5} | ℃ |  | **Cylinder 04A** | {#5}{#mainEngine2}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine2}{/5} | bar |
| **Cylinder 05A** | {#5}{#mainEngine2}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine2}{/5} | ℃ |  | **Cylinder 05A** | {#5}{#mainEngine2}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine2}{/5} | bar |
| **Cylinder 06A** | {#5}{#mainEngine2}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine2}{/5} | ℃ |  | **Cylinder 06A** | {#5}{#mainEngine2}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine2}{/5} | bar |
| **Cylinder 07A** | {#5}{#mainEngine2}{#cylinders}{#7}{exhauseGasTemp}{/7}{/cylinders}{/mainEngine2}{/5} | ℃ |  | **Cylinder 07A** | {#5}{#mainEngine2}{#cylinders}{#7}{peakPressure}{/7}{/cylinders}{/mainEngine2}{/5} | bar |
| **Cylinder 08A** | {#5}{#mainEngine2}{#cylinders}{#8}{exhauseGasTemp}{/8}{/cylinders}{/mainEngine2}{/5} | ℃ |  | **Cylinder 08A** | {#5}{#mainEngine2}{#cylinders}{#8}{peakPressure}{/8}{/cylinders}{/mainEngine2}{/5} | bar |

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| GENERATOR 3 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Alternator** | | |  | **Turbocharger** | | |
| **Dynamo No. 3 Frequency** | {#5}{#alternator3}{frequency}{/alternator3}{/5} | Hz |  | **RPM** | {#5}{#mainEngine3}{#turboCharger}{rpm}{/turboCharger}{/mainEngine3}{/5} | R.P.M |
| **Dynamo No. 3 Voltage** | {#5}{#alternator3}{voltage}{/alternator3}{/5} | V |  | **LO Temperature** | {#5}{#mainEngine3}{#turboCharger}{loTemperature}{/turboCharger}{/mainEngine3}{/5} | ℃ |
| **Dynamo No. 3 Ampere** | {#5}{#alternator3}{ampere}{/alternator3}{/5} | Amp |  | **LO Pressure** | {#5}{#mainEngine3}{#turboCharger}{loPressure}{/turboCharger}{/mainEngine3}{/5} | bar |
| **Dynamo No. 3 Power** | {#5}{#alternator3}{power}{/alternator3}{/5} | kw |  | **Exhaust Gas Inlet Temperature** | {#5}{#mainEngine3}{#turboCharger}{exhaustGasInletTemp}{/turboCharger}{/mainEngine3}{/5} | ℃ |
| **Dynamo No. 3 Running Hours** | {#5}{#alternator3}{runningHours}{/alternator3}{/5} | HRS |  | **Exhaust Gas Outlet Temperature** | {#5}{#mainEngine3}{#turboCharger}{exhaustGasOutletTemp}{/turboCharger}{/mainEngine3}{/5} | ℃ |
|  |  |  |  |  |  |  |
| **DFD - Engine** | | |  | **Cooling - Water** | | |
| **Scavenge Air Pressure** | {#5}{#mainEngine3}{#dfd}{scavengeAirPressure}{/dfd}{/mainEngine3}{/5} | bar |  | **LT Inlet Temperature** | {#5}{#mainEngine3}{#cw}{ltInletTemperature}{/cw}{/mainEngine3}{/5} | ℃ |
| **Scavenge Air Temperature** | {#5}{#mainEngine3}{#dfd}{scavengeAirTemperature}{/dfd}{/mainEngine3}{/5} | ℃ |  | **Jacket Inlet Temperature** | {#5}{#mainEngine3}{#cw}{jacketInletTemperature}{/cw}{/mainEngine3}{/5} | ℃ |
| **T/C Air Inlet Temperature** | {#5}{#mainEngine3}{#dfd}{tcAirInletTemperature}{/dfd}{/mainEngine3}{/5} | ℃ |  | **Jacket Outlet Temperature** | {#5}{#mainEngine3}{#cw}{jacketOutletTemperature}{/cw}{/mainEngine3}{/5} | ℃ |
| **Crankcase Pressure** | {#5}{#mainEngine3}{#dfd}{crankcasePressure}{/dfd}{/mainEngine3}{/5} | m bar |  | **HT Cooling Water Pressure** | {#5}{#mainEngine3}{#cw}{htPressure}{/cw}{/mainEngine3}{/5} | bar |
| **Lub Oil Pressure** | {#5}{#mainEngine3}{#dfd}{loPressure}{/dfd}{/mainEngine3}{/5} | bar |  |  |  |  |
| **Lub Oil Temperature** | {#5}{#mainEngine3}{#dfd}{loTemperature}{/dfd}{/mainEngine3}{/5} | ℃ |  | **Gas System** | | |
| **(Engine) RPM** | {#5}{#mainEngine3}{#dfd}{rpm}{/dfd}{/mainEngine3}{/5} | R.P.M |  | **Gas Pressure** | {#5}{#mainEngine3}{#gas}{pressure}{/gas}{/mainEngine3}{/5} | bar |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fuel Oil** | | |
|  |  |  |  | **Pressure** | {#5}{#mainEngine3}{#fo}{pressure}{/fo}{/mainEngine3}{/5} | bar |
|  |  |  |  | **Temperature** | {#5}{#mainEngine3}{#fo}{temperature}{/fo}{/mainEngine3}{/5} | ℃ |
|  |  |  |  |  |  |  |
| **Exhaust Gas Temperature** | | |  | **Exhaust Gas Pressure** | | |
| **Cylinder 01A** | {#5}{#mainEngine3}{#cylinders}{#1}{exhauseGasTemp}{/1}{/cylinders}{/mainEngine3}{/5} | ℃ |  | **Cylinder 01A** | {#5}{#mainEngine3}{#cylinders}{#1}{peakPressure}{/1}{/cylinders}{/mainEngine3}{/5} | bar |
| **Cylinder 02A** | {#5}{#mainEngine3}{#cylinders}{#2}{exhauseGasTemp}{/2}{/cylinders}{/mainEngine3}{/5} | ℃ |  | **Cylinder 02A** | {#5}{#mainEngine3}{#cylinders}{#2}{peakPressure}{/2}{/cylinders}{/mainEngine3}{/5} | bar |
| **Cylinder 03A** | {#5}{#mainEngine3}{#cylinders}{#3}{exhauseGasTemp}{/3}{/cylinders}{/mainEngine3}{/5} | ℃ |  | **Cylinder 03A** | {#5}{#mainEngine3}{#cylinders}{#3}{peakPressure}{/3}{/cylinders}{/mainEngine3}{/5} | bar |
| **Cylinder 04A** | {#5}{#mainEngine3}{#cylinders}{#4}{exhauseGasTemp}{/4}{/cylinders}{/mainEngine3}{/5} | ℃ |  | **Cylinder 04A** | {#5}{#mainEngine3}{#cylinders}{#4}{peakPressure}{/4}{/cylinders}{/mainEngine3}{/5} | bar |
| **Cylinder 05A** | {#5}{#mainEngine3}{#cylinders}{#5}{exhauseGasTemp}{/5}{/cylinders}{/mainEngine3}{/5} | ℃ |  | **Cylinder 05A** | {#5}{#mainEngine3}{#cylinders}{#5}{peakPressure}{/5}{/cylinders}{/mainEngine3}{/5} | bar |
| **Cylinder 06A** | {#5}{#mainEngine3}{#cylinders}{#6}{exhauseGasTemp}{/6}{/cylinders}{/mainEngine3}{/5} | ℃ |  | **Cylinder 06A** | {#5}{#mainEngine3}{#cylinders}{#6}{peakPressure}{/6}{/cylinders}{/mainEngine3}{/5} | bar |

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| REMARKS |
| {#0}{remarks}{/0} |

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