**Engine Log**

{generatedDate}, 0001 - 0400

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| **MAIN ENGINES** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Running Hour | {#logsForPDF}{#1}{#mainEngine}{runningHour}{/mainEngine}{/1}{/logsForPDF} |  | Engine RPM | {#logsForPDF}{#1}{#mainEngine}{engineRPM}{/mainEngine}{/1}{/logsForPDF} |  | Propeller RPM | {#logsForPDF}{#1}{#mainEngine}{propellerRPM}{/mainEngine}{/1}{/logsForPDF} |
| CPP Pitch, If Applicable | {#logsForPDF}{#1}{#mainEngine}{CPPPitch}{/mainEngine}{/1}{/logsForPDF} |  | Fuel Rack / Level | {#logsForPDF}{#1}{#mainEngine}{fuelRack}{/mainEngine}{/1}{/logsForPDF} |  | Eng. Lub. Oil Press | {#logsForPDF}{#1}{#mainEngine}{LOPress}{/mainEngine}{/1}{/logsForPDF} |
| F.W. Cooling Press | {#logsForPDF}{#1}{#mainEngine}{FWcoolingPress}{/mainEngine}{/1}{/logsForPDF} |  | S.W. Cooling Press | {#logsForPDF}{#1}{#mainEngine}{SWcoolingPress}{/mainEngine}{/1}{/logsForPDF} |  | Charge Air Press | {#logsForPDF}{#1}{#mainEngine}{chargeAirPress}{/mainEngine}{/1}{/logsForPDF} |
| Turbo Charger Lub. Oil Press | {#logsForPDF}{#1}{#mainEngine}{turboChargerLOPress}{/mainEngine}{/1}{/logsForPDF} |  | Fuel Oil Press | {#logsForPDF}{#1}{#mainEngine}{FOPress}{/mainEngine}{/1}{/logsForPDF} |  | LO Temp Before Cooler | {#logsForPDF}{#1}{#mainEngine}{LOTempBeforeCooler}{/mainEngine}{/1}{/logsForPDF} |
| LO Temp After Cooler | {#logsForPDF}{#1}{#mainEngine}{LOTempAfterCooler}{/mainEngine}{/1}{/logsForPDF} |  | Cooling Fresh Water Temp In | {#logsForPDF}{#1}{#mainEngine}{coolingFreshWaterTempIn}{/mainEngine}{/1}{/logsForPDF} |  | Cooling Fresh Water Temp Out | {#logsForPDF}{#1}{#mainEngine}{coolingFreshWaterTempOut}{/mainEngine}{/1}{/logsForPDF} |
| Cooling Sea Water Temp In | {#logsForPDF}{#1}{#mainEngine}{coolingSeaWaterTempIn}{/mainEngine}{/1}{/logsForPDF} |  | Cooling Sea Water Temp Out | {#logsForPDF}{#1}{#mainEngine}{coolingSeaWaterTempOut}{/mainEngine}{/1}{/logsForPDF} |  | Turbocharger RPM | {#logsForPDF}{#1}{#mainEngine}{turbochargerRPM}{/mainEngine}{/1}{/logsForPDF} |
| Turbocharger Exhaust Temp (In) | {#logsForPDF}{#1}{#mainEngine}{turbochargerExhaustTempIn}{/mainEngine}{/1}{/logsForPDF} |  | Turbocharger Exhaust Temp (Out) | {#logsForPDF}{#1}{#mainEngine}{turbochargerExhaustTempOut}{/mainEngine}{/1}{/logsForPDF} |  | Charge Air Temp | {#logsForPDF}{#1}{#mainEngine}{chargeAirTemp}{/mainEngine}{/1}{/logsForPDF} |
| Combustion Peak Pressure (Cylinder #1-8) | {#logsForPDF}{#1}{#mainEngine}{combustionPeakPressure}{/mainEngine}{/1}{/logsForPDF} |  | Exhaust Temp (Cylinder #1-8) | {#logsForPDF}{#1}{#mainEngine}{exhaustTemp}{/mainEngine}{/1}{/logsForPDF} |  |  |  |

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| **ZP & CLUTCH** |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| ZP LO Level (ISO VG100) | {#logsForPDF}{#1}{#ZPAndClutch}{zpClutchLOLevel}{/ZPAndClutch}{/1}{/logsForPDF} |  | ZP LO Press | {#logsForPDF}{#1}{#ZPAndClutch}{zpClutchLOPress}{/ZPAndClutch}{/1}{/logsForPDF} |  | ZP Charge Oil Press | {#logsForPDF}{#1}{#ZPAndClutch}{zpClutchChargeOilPress}{/ZPAndClutch}{/1}{/logsForPDF} |
| ZP LO Temp | {#logsForPDF}{#1}{#ZPAndClutch}{zpClutchLOTemp}{/ZPAndClutch}{/1}{/logsForPDF} |  | ZP Hydraulic Oil Level (ISO VG46 or 68) | {#logsForPDF}{#1}{#ZPAndClutch}{zpClutchOilLevel}{/ZPAndClutch}{/1}{/logsForPDF} |  | ZP Hydraulic Oil At Cooler (In) | {#logsForPDF}{#1}{#ZPAndClutch}{zpClutchOilIn}{/ZPAndClutch}{/1}{/logsForPDF} |
| ZP Hydraulic Oil At Cooler (Out) | {#logsForPDF}{#1}{#ZPAndClutch}{zpClutChoilOut}{/ZPAndClutch}{/1}{/logsForPDF} |  | Clutch Oil Press | {#logsForPDF}{#1}{#ZPAndClutch}{zpClutchClutchOilPress}{/ZPAndClutch}{/1}{/logsForPDF} |  |  |  |

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| **AE** |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Running Hour | {#logsForPDF}{#1}{#ae}{aeRunningHour}{/ae}{/1}{/logsForPDF} |  | FO Press | {#logsForPDF}{#1}{#ae}{aeFOPress}{/ae}{/1}{/logsForPDF} |  | LO Press | {#logsForPDF}{#1}{#ae}{aeLOPress}{/ae}{/1}{/logsForPDF} |
| LO Temp | {#logsForPDF}{#1}{#ae}{aeLOTemp}{/ae}{/1}{/logsForPDF} |  | LO Level | {#logsForPDF}{#1}{#ae}{aeLOLevel}{/ae}{/1}{/logsForPDF} |  | Cooling Water Temp In | {#logsForPDF}{#1}{#ae}{aeTempIn}{/ae}{/1}{/logsForPDF} |
| Cooling Water Temp Out | {#logsForPDF}{#1}{#ae}{aeTempOut}{/ae}{/1}{/logsForPDF} |  | Exhaust Temp (Before Turbocharger) | {#logsForPDF}{#1}{#ae}{aeExhaustTemp}{/ae}{/1}{/logsForPDF} |  |  |  |

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| **GENERATOR** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Voltage | {#logsForPDF}{#1}{#generator}{generatorVoltage}{/generator}{/1}{/logsForPDF} |  | Frequency | {#logsForPDF}{#1}{#generator}{generatorFrequency}{/generator}{/1}{/logsForPDF} |  | Amp | {#logsForPDF}{#1}{#generator}{generatorAmp}{/generator}{/1}{/logsForPDF} |
| KW | {#logsForPDF}{#1}{#generator}{generatorKW}{/generator}{/1}{/logsForPDF} |  |  |  |  |  |  |

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| **AIR CONDITIONING UNIT** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Compressor Amp | {#logsForPDF}{#1}{#airConditioningUnit}{acAmp}{/airConditioningUnit}{/1}{/logsForPDF} |  | Compressor Suction Press | {#logsForPDF}{#1}{#airConditioningUnit}{acSuctionPress}{/airConditioningUnit}{/1}{/logsForPDF} |  | Compressor Discharge Press | {#logsForPDF}{#1}{#airConditioningUnit}{acDischargePress}{/airConditioningUnit}{/1}{/logsForPDF} |
| LO Press | {#logsForPDF}{#1}{#airConditioningUnit}{acLOPress}{/airConditioningUnit}{/1}{/logsForPDF} |  | Cooling Water Press | {#logsForPDF}{#1}{#airConditioningUnit}{acCWpress}{/airConditioningUnit}{/1}{/logsForPDF} |  | Cooling Water Temp Out (Out From Condenser) | {#logsForPDF}{#1}{#airConditioningUnit}{acCWTemp}{/airConditioningUnit}{/1}{/logsForPDF} |

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| **FUEL OIL** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Consumed | {#logsForPDF}{#1}{#fuelOil}{foConsumed}{/fuelOil}{/1}{/logsForPDF} |  | ROB | {#logsForPDF}{#1}{#fuelOil}{foROB}{/fuelOil}{/1}{/logsForPDF} |  |  |  |

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| **FRESH WATER** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Consumed | {#logsForPDF}{#1}{#freshWater}{fwConsumed}{/freshWater}{/1}{/logsForPDF} |  | ROB | {#logsForPDF}{#1}{#freshWater}{fwROB}{/freshWater}{/1}{/logsForPDF} |  |  |  |

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| **LUB OIL** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Grade 40 | {#logsForPDF}{#1}{#lubOil}{loGrade40}{/lubOil}{/1}{/logsForPDF} |  | Grade 46 | {#logsForPDF}{#1}{#lubOil}{loGrade46}{/lubOil}{/1}{/logsForPDF} |  | Grade 68 | {#logsForPDF}{#1}{#lubOil}{loGrade68}{/lubOil}{/1}{/logsForPDF} |
| Grade 100 | {#logsForPDF}{#1}{#lubOil}{loGrade100}{/lubOil}{/1}{/logsForPDF} |  | Grade P100 | {#logsForPDF}{#1}{#lubOil}{loGradeP100}{/lubOil}{/1}{/logsForPDF} |  | Free Text 1 | {#logsForPDF}{#1}{#lubOil}{loFreeText1}{/lubOil}{/1}{/logsForPDF} |
| Free Text 2 | {#logsForPDF}{#1}{#lubOil}{loFreeText2}{/lubOil}{/1}{/logsForPDF} |  | Free Text 3 | {#logsForPDF}{#1}{#lubOil}{loFreeText3}{/lubOil}{/1}{/logsForPDF} |  | Free Text 4 | {#logsForPDF}{#1}{#lubOil}{loFreeText4}{/lubOil}{/1}{/logsForPDF} |
| Free Text 5 | {#logsForPDF}{#1}{#lubOil}{loFreeText5}{/lubOil}{/1}{/logsForPDF} |  |  |  |  |  |  |

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| **TANK SURROUNDINGS** |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| FO Day Tank 1 | {#logsForPDF}{#1}{#tankSurroundings}{tankFODayTank1}{/tankSurroundings}{/1}{/logsForPDF} |  | FO Day Tank 2 | {#logsForPDF}{#1}{#tankSurroundings}{tankFODayTank2}{/tankSurroundings}{/1}{/logsForPDF} |  | FO Tank 1 | {#logsForPDF}{#1}{#tankSurroundings}{tankFOTank1}{/tankSurroundings}{/1}{/logsForPDF} |
| FO Tank 2 | {#logsForPDF}{#1}{#tankSurroundings}{tankFOTank2}{/tankSurroundings}{/1}{/logsForPDF} |  | FO Tank 3 | {#logsForPDF}{#1}{#tankSurroundings}{tankFOTank3}{/tankSurroundings}{/1}{/logsForPDF} |  | FO Tank 4 | {#logsForPDF}{#1}{#tankSurroundings}{tankFOTank4}{/tankSurroundings}{/1}{/logsForPDF} |
| FO Tank 5 | {#logsForPDF}{#1}{#tankSurroundings}{tankFOTank5}{/tankSurroundings}{/1}{/logsForPDF} |  | FO Tank 6 | {#logsForPDF}{#1}{#tankSurroundings}{tankFOTank6}{/tankSurroundings}{/1}{/logsForPDF} |  | FW Tank 1 | {#logsForPDF}{#1}{#tankSurroundings}{tankFWTank1}{/tankSurroundings}{/1}{/logsForPDF} |
| FW Tank 2 | {#logsForPDF}{#1}{#tankSurroundings}{tankFWTank2}{/tankSurroundings}{/1}{/logsForPDF} |  | FO Tank | {#logsForPDF}{#1}{#tankSurroundings}{tankLOTank}{/tankSurroundings}{/1}{/logsForPDF} |  | Hydraulic Oil Tank | {#logsForPDF}{#1}{#tankSurroundings}{tankHydraulicOilTank}{/tankSurroundings}{/1}{/logsForPDF} |
| Sewage Tank | {#logsForPDF}{#1}{#tankSurroundings}{tankSewageTank}{/tankSurroundings}{/1}{/logsForPDF} |  | Gray Water tank | {#logsForPDF}{#1}{#tankSurroundings}{tankGrayWaterTank}{/tankSurroundings}{/1}{/logsForPDF} |  | Waster Oil Tank | {#logsForPDF}{#1}{#tankSurroundings}{tankWasterOilTank}{/tankSurroundings}{/1}{/logsForPDF} |
| Oily Water Tank | {#logsForPDF}{#1}{#tankSurroundings}{tankOilyWaterTank}{/tankSurroundings}{/1}{/logsForPDF} |  | Sludge Tank | {#logsForPDF}{#1}{#tankSurroundings}{tankSludgeTank}{/tankSurroundings}{/1}{/logsForPDF} |  | Dispersant Tank | {#logsForPDF}{#1}{#tankSurroundings}{tankDispersantTank}{/tankSurroundings}{/1}{/logsForPDF} |
| Foam Tank | {#logsForPDF}{#1}{#tankSurroundings}{tankFoamTank}{/tankSurroundings}{/1}{/logsForPDF} |  | Ballast Tank 1 | {#logsForPDF}{#1}{#tankSurroundings}{tankBallastTank1}{/tankSurroundings}{/1}{/logsForPDF} |  | Ballast Tank 2 | {#logsForPDF}{#1}{#tankSurroundings}{tankBallastTank2}{/tankSurroundings}{/1}{/logsForPDF} |
| Ballast Tank 3 | {#logsForPDF}{#1}{#tankSurroundings}{tankBallastTank3}{/tankSurroundings}{/1}{/logsForPDF} |  | Ballast Tank 4 | {#logsForPDF}{#1}{#tankSurroundings}{tankBallastTank4}{/tankSurroundings}{/1}{/logsForPDF} |  |  |  |

**Engine Log**

{generatedDate}, 0401 - 0800

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| **MAIN ENGINES** |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Running Hour | {#logsForPDF}{#2}{#mainEngine}{runningHour}{/mainEngine}{/2}{/logsForPDF} |  | Engine RPM | {#logsForPDF}{#2}{#mainEngine}{engineRPM}{/mainEngine}{/2}{/logsForPDF} |  | Propeller RPM | {#logsForPDF}{#2}{#mainEngine}{propellerRPM}{/mainEngine}{/2}{/logsForPDF} |
| CPP Pitch, If Applicable | {#logsForPDF}{#2}{#mainEngine}{CPPPitch}{/mainEngine}{/2}{/logsForPDF} |  | Fuel Rack / Level | {#logsForPDF}{#2}{#mainEngine}{fuelRack}{/mainEngine}{/2}{/logsForPDF} |  | Eng. Lub. Oil Press | {#logsForPDF}{#2}{#mainEngine}{LOPress}{/mainEngine}{/2}{/logsForPDF} |
| F.W. Cooling Press | {#logsForPDF}{#2}{#mainEngine}{FWcoolingPress}{/mainEngine}{/2}{/logsForPDF} |  | S.W. Cooling Press | {#logsForPDF}{#2}{#mainEngine}{SWcoolingPress}{/mainEngine}{/2}{/logsForPDF} |  | Charge Air Press | {#logsForPDF}{#2}{#mainEngine}{chargeAirPress}{/mainEngine}{/2}{/logsForPDF} |
| Turbo Charger Lub. Oil Press | {#logsForPDF}{#2}{#mainEngine}{turboChargerLOPress}{/mainEngine}{/2}{/logsForPDF} |  | Fuel Oil Press | {#logsForPDF}{#2}{#mainEngine}{FOPress}{/mainEngine}{/2}{/logsForPDF} |  | LO Temp Before Cooler | {#logsForPDF}{#2}{#mainEngine}{LOTempBeforeCooler}{/mainEngine}{/2}{/logsForPDF} |
| LO Temp After Cooler | {#logsForPDF}{#2}{#mainEngine}{LOTempAfterCooler}{/mainEngine}{/2}{/logsForPDF} |  | Cooling Fresh Water Temp In | {#logsForPDF}{#2}{#mainEngine}{coolingFreshWaterTempIn}{/mainEngine}{/2}{/logsForPDF} |  | Cooling Fresh Water Temp Out | {#logsForPDF}{#2}{#mainEngine}{coolingFreshWaterTempOut}{/mainEngine}{/2}{/logsForPDF} |
| Cooling Sea Water Temp In | {#logsForPDF}{#2}{#mainEngine}{coolingSeaWaterTempIn}{/mainEngine}{/2}{/logsForPDF} |  | Cooling Sea Water Temp Out | {#logsForPDF}{#2}{#mainEngine}{coolingSeaWaterTempOut}{/mainEngine}{/2}{/logsForPDF} |  | Turbocharger RPM | {#logsForPDF}{#2}{#mainEngine}{turbochargerRPM}{/mainEngine}{/2}{/logsForPDF} |
| Turbocharger Exhaust Temp (In) | {#logsForPDF}{#2}{#mainEngine}{turbochargerExhaustTempIn}{/mainEngine}{/2}{/logsForPDF} |  | Turbocharger Exhaust Temp (Out) | {#logsForPDF}{#2}{#mainEngine}{turbochargerExhaustTempOut}{/mainEngine}{/2}{/logsForPDF} |  | Charge Air Temp | {#logsForPDF}{#2}{#mainEngine}{chargeAirTemp}{/mainEngine}{/2}{/logsForPDF} |
| Combustion Peak Pressure (Cylinder #1-8) | {#logsForPDF}{#2}{#mainEngine}{combustionPeakPressure}{/mainEngine}{/2}{/logsForPDF} |  | Exhaust Temp (Cylinder #1-8) | {#logsForPDF}{#2}{#mainEngine}{exhaustTemp}{/mainEngine}{/2}{/logsForPDF} |  |  |  |

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| **ZP & CLUTCH** |

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| ZP LO Level (ISO VG100) | {#logsForPDF}{#2}{#ZPAndClutch}{zpClutchLOLevel}{/ZPAndClutch}{/2}{/logsForPDF} |  | ZP LO Press | {#logsForPDF}{#2}{#ZPAndClutch}{zpClutchLOPress}{/ZPAndClutch}{/2}{/logsForPDF} |  | ZP Charge Oil Press | {#logsForPDF}{#2}{#ZPAndClutch}{zpClutchChargeOilPress}{/ZPAndClutch}{/2}{/logsForPDF} |
| ZP LO Temp | {#logsForPDF}{#2}{#ZPAndClutch}{zpClutchLOTemp}{/ZPAndClutch}{/2}{/logsForPDF} |  | ZP Hydraulic Oil Level (ISO VG46 or 68) | {#logsForPDF}{#2}{#ZPAndClutch}{zpClutchOilLevel}{/ZPAndClutch}{/2}{/logsForPDF} |  | ZP Hydraulic Oil At Cooler (In) | {#logsForPDF}{#2}{#ZPAndClutch}{zpClutchOilIn}{/ZPAndClutch}{/2}{/logsForPDF} |
| ZP Hydraulic Oil At Cooler (Out) | {#logsForPDF}{#2}{#ZPAndClutch}{zpClutChoilOut}{/ZPAndClutch}{/2}{/logsForPDF} |  | Clutch Oil Press | {#logsForPDF}{#2}{#ZPAndClutch}{zpClutchClutchOilPress}{/ZPAndClutch}{/2}{/logsForPDF} |  |  |  |

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| **AE** |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Running Hour | {#logsForPDF}{#2}{#ae}{aeRunningHour}{/ae}{/2}{/logsForPDF} |  | FO Press | {#logsForPDF}{#2}{#ae}{aeFOPress}{/ae}{/2}{/logsForPDF} |  | LO Press | {#logsForPDF}{#2}{#ae}{aeLOPress}{/ae}{/2}{/logsForPDF} |
| LO Temp | {#logsForPDF}{#2}{#ae}{aeLOTemp}{/ae}{/2}{/logsForPDF} |  | LO Level | {#logsForPDF}{#2}{#ae}{aeLOLevel}{/ae}{/2}{/logsForPDF} |  | Cooling Water Temp In | {#logsForPDF}{#2}{#ae}{aeTempIn}{/ae}{/2}{/logsForPDF} |
| Cooling Water Temp Out | {#logsForPDF}{#2}{#ae}{aeTempOut}{/ae}{/2}{/logsForPDF} |  | Exhaust Temp (Before Turbocharger) | {#logsForPDF}{#2}{#ae}{aeExhaustTemp}{/ae}{/2}{/logsForPDF} |  |  |  |

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| **GENERATOR** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Voltage | {#logsForPDF}{#2}{#generator}{generatorVoltage}{/generator}{/2}{/logsForPDF} |  | Frequency | {#logsForPDF}{#2}{#generator}{generatorFrequency}{/generator}{/2}{/logsForPDF} |  | Amp | {#logsForPDF}{#2}{#generator}{generatorAmp}{/generator}{/2}{/logsForPDF} |
| KW | {#logsForPDF}{#2}{#generator}{generatorKW}{/generator}{/2}{/logsForPDF} |  |  |  |  |  |  |

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| **AIR CONDITIONING UNIT** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Compressor Amp | {#logsForPDF}{#2}{#airConditioningUnit}{acAmp}{/airConditioningUnit}{/2}{/logsForPDF} |  | Compressor Suction Press | {#logsForPDF}{#2}{#airConditioningUnit}{acSuctionPress}{/airConditioningUnit}{/2}{/logsForPDF} |  | Compressor Discharge Press | {#logsForPDF}{#2}{#airConditioningUnit}{acDischargePress}{/airConditioningUnit}{/2}{/logsForPDF} |
| LO Press | {#logsForPDF}{#2}{#airConditioningUnit}{acLOPress}{/airConditioningUnit}{/2}{/logsForPDF} |  | Cooling Water Press | {#logsForPDF}{#2}{#airConditioningUnit}{acCWpress}{/airConditioningUnit}{/2}{/logsForPDF} |  | Cooling Water Temp Out (Out From Condenser) | {#logsForPDF}{#2}{#airConditioningUnit}{acCWTemp}{/airConditioningUnit}{/2}{/logsForPDF} |

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| **FUEL OIL** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Consumed | {#logsForPDF}{#2}{#fuelOil}{foConsumed}{/fuelOil}{/2}{/logsForPDF} |  | ROB | {#logsForPDF}{#2}{#fuelOil}{foROB}{/fuelOil}{/2}{/logsForPDF} |  |  |  |

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| **FRESH WATER** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Consumed | {#logsForPDF}{#2}{#freshWater}{fwConsumed}{/freshWater}{/2}{/logsForPDF} |  | ROB | {#logsForPDF}{#2}{#freshWater}{fwROB}{/freshWater}{/2}{/logsForPDF} |  |  |  |

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| **LUB OIL** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Grade 40 | {#logsForPDF}{#2}{#lubOil}{loGrade40}{/lubOil}{/2}{/logsForPDF} |  | Grade 46 | {#logsForPDF}{#2}{#lubOil}{loGrade46}{/lubOil}{/2}{/logsForPDF} |  | Grade 68 | {#logsForPDF}{#2}{#lubOil}{loGrade68}{/lubOil}{/2}{/logsForPDF} |
| Grade 100 | {#logsForPDF}{#2}{#lubOil}{loGrade100}{/lubOil}{/2}{/logsForPDF} |  | Grade P100 | {#logsForPDF}{#2}{#lubOil}{loGradeP100}{/lubOil}{/2}{/logsForPDF} |  | Free Text 1 | {#logsForPDF}{#2}{#lubOil}{loFreeText1}{/lubOil}{/2}{/logsForPDF} |
| Free Text 2 | {#logsForPDF}{#2}{#lubOil}{loFreeText2}{/lubOil}{/2}{/logsForPDF} |  | Free Text 3 | {#logsForPDF}{#2}{#lubOil}{loFreeText3}{/lubOil}{/2}{/logsForPDF} |  | Free Text 4 | {#logsForPDF}{#2}{#lubOil}{loFreeText4}{/lubOil}{/2}{/logsForPDF} |
| Free Text 5 | {#logsForPDF}{#2}{#lubOil}{loFreeText5}{/lubOil}{/2}{/logsForPDF} |  |  |  |  |  |  |

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| **TANK SURROUNDINGS** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| FO Day Tank 1 | {#logsForPDF}{#2}{#tankSurroundings}{tankFODayTank1}{/tankSurroundings}{/2}{/logsForPDF} |  | FO Day Tank 2 | {#logsForPDF}{#2}{#tankSurroundings}{tankFODayTank2}{/tankSurroundings}{/2}{/logsForPDF} |  | FO Tank 1 | {#logsForPDF}{#2}{#tankSurroundings}{tankFOTank1}{/tankSurroundings}{/2}{/logsForPDF} |
| FO Tank 2 | {#logsForPDF}{#2}{#tankSurroundings}{tankFOTank2}{/tankSurroundings}{/2}{/logsForPDF} |  | FO Tank 3 | {#logsForPDF}{#2}{#tankSurroundings}{tankFOTank3}{/tankSurroundings}{/2}{/logsForPDF} |  | FO Tank 4 | {#logsForPDF}{#2}{#tankSurroundings}{tankFOTank4}{/tankSurroundings}{/2}{/logsForPDF} |
| FO Tank 5 | {#logsForPDF}{#2}{#tankSurroundings}{tankFOTank5}{/tankSurroundings}{/2}{/logsForPDF} |  | FO Tank 6 | {#logsForPDF}{#2}{#tankSurroundings}{tankFOTank6}{/tankSurroundings}{/2}{/logsForPDF} |  | FW Tank 1 | {#logsForPDF}{#2}{#tankSurroundings}{tankFWTank1}{/tankSurroundings}{/2}{/logsForPDF} |
| FW Tank 2 | {#logsForPDF}{#2}{#tankSurroundings}{tankFWTank2}{/tankSurroundings}{/2}{/logsForPDF} |  | FO Tank | {#logsForPDF}{#2}{#tankSurroundings}{tankLOTank}{/tankSurroundings}{/2}{/logsForPDF} |  | Hydraulic Oil Tank | {#logsForPDF}{#2}{#tankSurroundings}{tankHydraulicOilTank}{/tankSurroundings}{/2}{/logsForPDF} |
| Sewage Tank | {#logsForPDF}{#2}{#tankSurroundings}{tankSewageTank}{/tankSurroundings}{/2}{/logsForPDF} |  | Gray Water tank | {#logsForPDF}{#2}{#tankSurroundings}{tankGrayWaterTank}{/tankSurroundings}{/2}{/logsForPDF} |  | Waster Oil Tank | {#logsForPDF}{#2}{#tankSurroundings}{tankWasterOilTank}{/tankSurroundings}{/2}{/logsForPDF} |
| Oily Water Tank | {#logsForPDF}{#2}{#tankSurroundings}{tankOilyWaterTank}{/tankSurroundings}{/2}{/logsForPDF} |  | Sludge Tank | {#logsForPDF}{#2}{#tankSurroundings}{tankSludgeTank}{/tankSurroundings}{/2}{/logsForPDF} |  | Dispersant Tank | {#logsForPDF}{#2}{#tankSurroundings}{tankDispersantTank}{/tankSurroundings}{/2}{/logsForPDF} |
| Foam Tank | {#logsForPDF}{#2}{#tankSurroundings}{tankFoamTank}{/tankSurroundings}{/2}{/logsForPDF} |  | Ballast Tank 1 | {#logsForPDF}{#2}{#tankSurroundings}{tankBallastTank1}{/tankSurroundings}{/2}{/logsForPDF} |  | Ballast Tank 2 | {#logsForPDF}{#2}{#tankSurroundings}{tankBallastTank2}{/tankSurroundings}{/2}{/logsForPDF} |
| Ballast Tank 3 | {#logsForPDF}{#2}{#tankSurroundings}{tankBallastTank3}{/tankSurroundings}{/2}{/logsForPDF} |  | Ballast Tank 4 | {#logsForPDF}{#2}{#tankSurroundings}{tankBallastTank4}{/tankSurroundings}{/2}{/logsForPDF} |  |  |  |

**Engine Log**

{generatedDate}, 0801 - 1200

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| **MAIN ENGINES** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Running Hour | {#logsForPDF}{#3}{#mainEngine}{runningHour}{/mainEngine}{/3}{/logsForPDF} |  | Engine RPM | {#logsForPDF}{#3}{#mainEngine}{engineRPM}{/mainEngine}{/3}{/logsForPDF} |  | Propeller RPM | {#logsForPDF}{#3}{#mainEngine}{propellerRPM}{/mainEngine}{/3}{/logsForPDF} |
| CPP Pitch, If Applicable | {#logsForPDF}{#3}{#mainEngine}{CPPPitch}{/mainEngine}{/3}{/logsForPDF} |  | Fuel Rack / Level | {#logsForPDF}{#3}{#mainEngine}{fuelRack}{/mainEngine}{/3}{/logsForPDF} |  | Eng. Lub. Oil Press | {#logsForPDF}{#3}{#mainEngine}{LOPress}{/mainEngine}{/3}{/logsForPDF} |
| F.W. Cooling Press | {#logsForPDF}{#3}{#mainEngine}{FWcoolingPress}{/mainEngine}{/3}{/logsForPDF} |  | S.W. Cooling Press | {#logsForPDF}{#3}{#mainEngine}{SWcoolingPress}{/mainEngine}{/3}{/logsForPDF} |  | Charge Air Press | {#logsForPDF}{#3}{#mainEngine}{chargeAirPress}{/mainEngine}{/3}{/logsForPDF} |
| Turbo Charger Lub. Oil Press | {#logsForPDF}{#3}{#mainEngine}{turboChargerLOPress}{/mainEngine}{/3}{/logsForPDF} |  | Fuel Oil Press | {#logsForPDF}{#3}{#mainEngine}{FOPress}{/mainEngine}{/3}{/logsForPDF} |  | LO Temp Before Cooler | {#logsForPDF}{#3}{#mainEngine}{LOTempBeforeCooler}{/mainEngine}{/3}{/logsForPDF} |
| LO Temp After Cooler | {#logsForPDF}{#3}{#mainEngine}{LOTempAfterCooler}{/mainEngine}{/3}{/logsForPDF} |  | Cooling Fresh Water Temp In | {#logsForPDF}{#3}{#mainEngine}{coolingFreshWaterTempIn}{/mainEngine}{/3}{/logsForPDF} |  | Cooling Fresh Water Temp Out | {#logsForPDF}{#3}{#mainEngine}{coolingFreshWaterTempOut}{/mainEngine}{/3}{/logsForPDF} |
| Cooling Sea Water Temp In | {#logsForPDF}{#3}{#mainEngine}{coolingSeaWaterTempIn}{/mainEngine}{/3}{/logsForPDF} |  | Cooling Sea Water Temp Out | {#logsForPDF}{#3}{#mainEngine}{coolingSeaWaterTempOut}{/mainEngine}{/3}{/logsForPDF} |  | Turbocharger RPM | {#logsForPDF}{#3}{#mainEngine}{turbochargerRPM}{/mainEngine}{/3}{/logsForPDF} |
| Turbocharger Exhaust Temp (In) | {#logsForPDF}{#3}{#mainEngine}{turbochargerExhaustTempIn}{/mainEngine}{/3}{/logsForPDF} |  | Turbocharger Exhaust Temp (Out) | {#logsForPDF}{#3}{#mainEngine}{turbochargerExhaustTempOut}{/mainEngine}{/3}{/logsForPDF} |  | Charge Air Temp | {#logsForPDF}{#3}{#mainEngine}{chargeAirTemp}{/mainEngine}{/3}{/logsForPDF} |
| Combustion Peak Pressure (Cylinder #1-8) | {#logsForPDF}{#3}{#mainEngine}{combustionPeakPressure}{/mainEngine}{/3}{/logsForPDF} |  | Exhaust Temp (Cylinder #1-8) | {#logsForPDF}{#3}{#mainEngine}{exhaustTemp}{/mainEngine}{/3}{/logsForPDF} |  |  |  |

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| **ZP & CLUTCH** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ZP LO Level (ISO VG100) | {#logsForPDF}{#3}{#ZPAndClutch}{zpClutchLOLevel}{/ZPAndClutch}{/3}{/logsForPDF} |  | ZP LO Press | {#logsForPDF}{#3}{#ZPAndClutch}{zpClutchLOPress}{/ZPAndClutch}{/3}{/logsForPDF} |  | ZP Charge Oil Press | {#logsForPDF}{#3}{#ZPAndClutch}{zpClutchChargeOilPress}{/ZPAndClutch}{/3}{/logsForPDF} |
| ZP LO Temp | {#logsForPDF}{#3}{#ZPAndClutch}{zpClutchLOTemp}{/ZPAndClutch}{/3}{/logsForPDF} |  | ZP Hydraulic Oil Level (ISO VG46 or 68) | {#logsForPDF}{#3}{#ZPAndClutch}{zpClutchOilLevel}{/ZPAndClutch}{/3}{/logsForPDF} |  | ZP Hydraulic Oil At Cooler (In) | {#logsForPDF}{#3}{#ZPAndClutch}{zpClutchOilIn}{/ZPAndClutch}{/3}{/logsForPDF} |
| ZP Hydraulic Oil At Cooler (Out) | {#logsForPDF}{#3}{#ZPAndClutch}{zpClutChoilOut}{/ZPAndClutch}{/3}{/logsForPDF} |  | Clutch Oil Press | {#logsForPDF}{#3}{#ZPAndClutch}{zpClutchClutchOilPress}{/ZPAndClutch}{/3}{/logsForPDF} |  |  |  |

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| **AE** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Running Hour | {#logsForPDF}{#3}{#ae}{aeRunningHour}{/ae}{/3}{/logsForPDF} |  | FO Press | {#logsForPDF}{#3}{#ae}{aeFOPress}{/ae}{/3}{/logsForPDF} |  | LO Press | {#logsForPDF}{#3}{#ae}{aeLOPress}{/ae}{/3}{/logsForPDF} |
| LO Temp | {#logsForPDF}{#3}{#ae}{aeLOTemp}{/ae}{/3}{/logsForPDF} |  | LO Level | {#logsForPDF}{#3}{#ae}{aeLOLevel}{/ae}{/3}{/logsForPDF} |  | Cooling Water Temp In | {#logsForPDF}{#3}{#ae}{aeTempIn}{/ae}{/3}{/logsForPDF} |
| Cooling Water Temp Out | {#logsForPDF}{#3}{#ae}{aeTempOut}{/ae}{/3}{/logsForPDF} |  | Exhaust Temp (Before Turbocharger) | {#logsForPDF}{#3}{#ae}{aeExhaustTemp}{/ae}{/3}{/logsForPDF} |  |  |  |

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| **GENERATOR** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Voltage | {#logsForPDF}{#3}{#generator}{generatorVoltage}{/generator}{/3}{/logsForPDF} |  | Frequency | {#logsForPDF}{#3}{#generator}{generatorFrequency}{/generator}{/3}{/logsForPDF} |  | Amp | {#logsForPDF}{#3}{#generator}{generatorAmp}{/generator}{/3}{/logsForPDF} |
| KW | {#logsForPDF}{#3}{#generator}{generatorKW}{/generator}{/3}{/logsForPDF} |  |  |  |  |  |  |

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| **AIR CONDITIONING UNIT** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Compressor Amp | {#logsForPDF}{#3}{#airConditioningUnit}{acAmp}{/airConditioningUnit}{/3}{/logsForPDF} |  | Compressor Suction Press | {#logsForPDF}{#3}{#airConditioningUnit}{acSuctionPress}{/airConditioningUnit}{/3}{/logsForPDF} |  | Compressor Discharge Press | {#logsForPDF}{#3}{#airConditioningUnit}{acDischargePress}{/airConditioningUnit}{/3}{/logsForPDF} |
| LO Press | {#logsForPDF}{#3}{#airConditioningUnit}{acLOPress}{/airConditioningUnit}{/3}{/logsForPDF} |  | Cooling Water Press | {#logsForPDF}{#3}{#airConditioningUnit}{acCWpress}{/airConditioningUnit}{/3}{/logsForPDF} |  | Cooling Water Temp Out (Out From Condenser) | {#logsForPDF}{#3}{#airConditioningUnit}{acCWTemp}{/airConditioningUnit}{/3}{/logsForPDF} |

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| **FUEL OIL** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Consumed | {#logsForPDF}{#3}{#fuelOil}{foConsumed}{/fuelOil}{/3}{/logsForPDF} |  | ROB | {#logsForPDF}{#3}{#fuelOil}{foROB}{/fuelOil}{/3}{/logsForPDF} |  |  |  |

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| **FRESH WATER** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Consumed | {#logsForPDF}{#3}{#freshWater}{fwConsumed}{/freshWater}{/3}{/logsForPDF} |  | ROB | {#logsForPDF}{#3}{#freshWater}{fwROB}{/freshWater}{/3}{/logsForPDF} |  |  |  |

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| **LUB OIL** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Grade 40 | {#logsForPDF}{#3}{#lubOil}{loGrade40}{/lubOil}{/3}{/logsForPDF} |  | Grade 46 | {#logsForPDF}{#3}{#lubOil}{loGrade46}{/lubOil}{/3}{/logsForPDF} |  | Grade 68 | {#logsForPDF}{#3}{#lubOil}{loGrade68}{/lubOil}{/3}{/logsForPDF} |
| Grade 100 | {#logsForPDF}{#3}{#lubOil}{loGrade100}{/lubOil}{/3}{/logsForPDF} |  | Grade P100 | {#logsForPDF}{#3}{#lubOil}{loGradeP100}{/lubOil}{/3}{/logsForPDF} |  | Free Text 1 | {#logsForPDF}{#3}{#lubOil}{loFreeText1}{/lubOil}{/3}{/logsForPDF} |
| Free Text 2 | {#logsForPDF}{#3}{#lubOil}{loFreeText2}{/lubOil}{/3}{/logsForPDF} |  | Free Text 3 | {#logsForPDF}{#3}{#lubOil}{loFreeText3}{/lubOil}{/3}{/logsForPDF} |  | Free Text 4 | {#logsForPDF}{#3}{#lubOil}{loFreeText4}{/lubOil}{/3}{/logsForPDF} |
| Free Text 5 | {#logsForPDF}{#3}{#lubOil}{loFreeText5}{/lubOil}{/3}{/logsForPDF} |  |  |  |  |  |  |

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| **TANK SURROUNDINGS** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| FO Day Tank 1 | {#logsForPDF}{#3}{#tankSurroundings}{tankFODayTank1}{/tankSurroundings}{/3}{/logsForPDF} |  | FO Day Tank 2 | {#logsForPDF}{#3}{#tankSurroundings}{tankFODayTank2}{/tankSurroundings}{/3}{/logsForPDF} |  | FO Tank 1 | {#logsForPDF}{#3}{#tankSurroundings}{tankFOTank1}{/tankSurroundings}{/3}{/logsForPDF} |
| FO Tank 2 | {#logsForPDF}{#3}{#tankSurroundings}{tankFOTank2}{/tankSurroundings}{/3}{/logsForPDF} |  | FO Tank 3 | {#logsForPDF}{#3}{#tankSurroundings}{tankFOTank3}{/tankSurroundings}{/3}{/logsForPDF} |  | FO Tank 4 | {#logsForPDF}{#3}{#tankSurroundings}{tankFOTank4}{/tankSurroundings}{/3}{/logsForPDF} |
| FO Tank 5 | {#logsForPDF}{#3}{#tankSurroundings}{tankFOTank5}{/tankSurroundings}{/3}{/logsForPDF} |  | FO Tank 6 | {#logsForPDF}{#3}{#tankSurroundings}{tankFOTank6}{/tankSurroundings}{/3}{/logsForPDF} |  | FW Tank 1 | {#logsForPDF}{#3}{#tankSurroundings}{tankFWTank1}{/tankSurroundings}{/3}{/logsForPDF} |
| FW Tank 2 | {#logsForPDF}{#3}{#tankSurroundings}{tankFWTank2}{/tankSurroundings}{/3}{/logsForPDF} |  | FO Tank | {#logsForPDF}{#3}{#tankSurroundings}{tankLOTank}{/tankSurroundings}{/3}{/logsForPDF} |  | Hydraulic Oil Tank | {#logsForPDF}{#3}{#tankSurroundings}{tankHydraulicOilTank}{/tankSurroundings}{/3}{/logsForPDF} |
| Sewage Tank | {#logsForPDF}{#3}{#tankSurroundings}{tankSewageTank}{/tankSurroundings}{/3}{/logsForPDF} |  | Gray Water tank | {#logsForPDF}{#3}{#tankSurroundings}{tankGrayWaterTank}{/tankSurroundings}{/3}{/logsForPDF} |  | Waster Oil Tank | {#logsForPDF}{#3}{#tankSurroundings}{tankWasterOilTank}{/tankSurroundings}{/3}{/logsForPDF} |
| Oily Water Tank | {#logsForPDF}{#3}{#tankSurroundings}{tankOilyWaterTank}{/tankSurroundings}{/3}{/logsForPDF} |  | Sludge Tank | {#logsForPDF}{#3}{#tankSurroundings}{tankSludgeTank}{/tankSurroundings}{/3}{/logsForPDF} |  | Dispersant Tank | {#logsForPDF}{#3}{#tankSurroundings}{tankDispersantTank}{/tankSurroundings}{/3}{/logsForPDF} |
| Foam Tank | {#logsForPDF}{#3}{#tankSurroundings}{tankFoamTank}{/tankSurroundings}{/3}{/logsForPDF} |  | Ballast Tank 1 | {#logsForPDF}{#3}{#tankSurroundings}{tankBallastTank1}{/tankSurroundings}{/3}{/logsForPDF} |  | Ballast Tank 2 | {#logsForPDF}{#3}{#tankSurroundings}{tankBallastTank2}{/tankSurroundings}{/3}{/logsForPDF} |
| Ballast Tank 3 | {#logsForPDF}{#3}{#tankSurroundings}{tankBallastTank3}{/tankSurroundings}{/3}{/logsForPDF} |  | Ballast Tank 4 | {#logsForPDF}{#3}{#tankSurroundings}{tankBallastTank4}{/tankSurroundings}{/3}{/logsForPDF} |  |  |  |

**Engine Log**

{generatedDate}, 1201 - 1600

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| **MAIN ENGINES** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Running Hour | {#logsForPDF}{#4}{#mainEngine}{runningHour}{/mainEngine}{/4}{/logsForPDF} |  | Engine RPM | {#logsForPDF}{#4}{#mainEngine}{engineRPM}{/mainEngine}{/4}{/logsForPDF} |  | Propeller RPM | {#logsForPDF}{#4}{#mainEngine}{propellerRPM}{/mainEngine}{/4}{/logsForPDF} |
| CPP Pitch, If Applicable | {#logsForPDF}{#4}{#mainEngine}{CPPPitch}{/mainEngine}{/4}{/logsForPDF} |  | Fuel Rack / Level | {#logsForPDF}{#4}{#mainEngine}{fuelRack}{/mainEngine}{/4}{/logsForPDF} |  | Eng. Lub. Oil Press | {#logsForPDF}{#4}{#mainEngine}{LOPress}{/mainEngine}{/4}{/logsForPDF} |
| F.W. Cooling Press | {#logsForPDF}{#4}{#mainEngine}{FWcoolingPress}{/mainEngine}{/4}{/logsForPDF} |  | S.W. Cooling Press | {#logsForPDF}{#4}{#mainEngine}{SWcoolingPress}{/mainEngine}{/4}{/logsForPDF} |  | Charge Air Press | {#logsForPDF}{#4}{#mainEngine}{chargeAirPress}{/mainEngine}{/4}{/logsForPDF} |
| Turbo Charger Lub. Oil Press | {#logsForPDF}{#4}{#mainEngine}{turboChargerLOPress}{/mainEngine}{/4}{/logsForPDF} |  | Fuel Oil Press | {#logsForPDF}{#4}{#mainEngine}{FOPress}{/mainEngine}{/4}{/logsForPDF} |  | LO Temp Before Cooler | {#logsForPDF}{#4}{#mainEngine}{LOTempBeforeCooler}{/mainEngine}{/4}{/logsForPDF} |
| LO Temp After Cooler | {#logsForPDF}{#4}{#mainEngine}{LOTempAfterCooler}{/mainEngine}{/4}{/logsForPDF} |  | Cooling Fresh Water Temp In | {#logsForPDF}{#4}{#mainEngine}{coolingFreshWaterTempIn}{/mainEngine}{/4}{/logsForPDF} |  | Cooling Fresh Water Temp Out | {#logsForPDF}{#4}{#mainEngine}{coolingFreshWaterTempOut}{/mainEngine}{/4}{/logsForPDF} |
| Cooling Sea Water Temp In | {#logsForPDF}{#4}{#mainEngine}{coolingSeaWaterTempIn}{/mainEngine}{/4}{/logsForPDF} |  | Cooling Sea Water Temp Out | {#logsForPDF}{#4}{#mainEngine}{coolingSeaWaterTempOut}{/mainEngine}{/4}{/logsForPDF} |  | Turbocharger RPM | {#logsForPDF}{#4}{#mainEngine}{turbochargerRPM}{/mainEngine}{/4}{/logsForPDF} |
| Turbocharger Exhaust Temp (In) | {#logsForPDF}{#4}{#mainEngine}{turbochargerExhaustTempIn}{/mainEngine}{/4}{/logsForPDF} |  | Turbocharger Exhaust Temp (Out) | {#logsForPDF}{#4}{#mainEngine}{turbochargerExhaustTempOut}{/mainEngine}{/4}{/logsForPDF} |  | Charge Air Temp | {#logsForPDF}{#4}{#mainEngine}{chargeAirTemp}{/mainEngine}{/4}{/logsForPDF} |
| Combustion Peak Pressure (Cylinder #1-8) | {#logsForPDF}{#4}{#mainEngine}{combustionPeakPressure}{/mainEngine}{/4}{/logsForPDF} |  | Exhaust Temp (Cylinder #1-8) | {#logsForPDF}{#4}{#mainEngine}{exhaustTemp}{/mainEngine}{/4}{/logsForPDF} |  |  |  |

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| **ZP & CLUTCH** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ZP LO Level (ISO VG100) | {#logsForPDF}{#4}{#ZPAndClutch}{zpClutchLOLevel}{/ZPAndClutch}{/4}{/logsForPDF} |  | ZP LO Press | {#logsForPDF}{#4}{#ZPAndClutch}{zpClutchLOPress}{/ZPAndClutch}{/4}{/logsForPDF} |  | ZP Charge Oil Press | {#logsForPDF}{#4}{#ZPAndClutch}{zpClutchChargeOilPress}{/ZPAndClutch}{/4}{/logsForPDF} |
| ZP LO Temp | {#logsForPDF}{#4}{#ZPAndClutch}{zpClutchLOTemp}{/ZPAndClutch}{/4}{/logsForPDF} |  | ZP Hydraulic Oil Level (ISO VG46 or 68) | {#logsForPDF}{#4}{#ZPAndClutch}{zpClutchOilLevel}{/ZPAndClutch}{/4}{/logsForPDF} |  | ZP Hydraulic Oil At Cooler (In) | {#logsForPDF}{#4}{#ZPAndClutch}{zpClutchOilIn}{/ZPAndClutch}{/4}{/logsForPDF} |
| ZP Hydraulic Oil At Cooler (Out) | {#logsForPDF}{#4}{#ZPAndClutch}{zpClutChoilOut}{/ZPAndClutch}{/4}{/logsForPDF} |  | Clutch Oil Press | {#logsForPDF}{#4}{#ZPAndClutch}{zpClutchClutchOilPress}{/ZPAndClutch}{/4}{/logsForPDF} |  |  |  |

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| **AE** |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Running Hour | {#logsForPDF}{#4}{#ae}{aeRunningHour}{/ae}{/4}{/logsForPDF} |  | FO Press | {#logsForPDF}{#4}{#ae}{aeFOPress}{/ae}{/4}{/logsForPDF} |  | LO Press | {#logsForPDF}{#4}{#ae}{aeLOPress}{/ae}{/4}{/logsForPDF} |
| LO Temp | {#logsForPDF}{#4}{#ae}{aeLOTemp}{/ae}{/4}{/logsForPDF} |  | LO Level | {#logsForPDF}{#4}{#ae}{aeLOLevel}{/ae}{/4}{/logsForPDF} |  | Cooling Water Temp In | {#logsForPDF}{#4}{#ae}{aeTempIn}{/ae}{/4}{/logsForPDF} |
| Cooling Water Temp Out | {#logsForPDF}{#4}{#ae}{aeTempOut}{/ae}{/4}{/logsForPDF} |  | Exhaust Temp (Before Turbocharger) | {#logsForPDF}{#4}{#ae}{aeExhaustTemp}{/ae}{/4}{/logsForPDF} |  |  |  |

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| **GENERATOR** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Voltage | {#logsForPDF}{#4}{#generator}{generatorVoltage}{/generator}{/4}{/logsForPDF} |  | Frequency | {#logsForPDF}{#4}{#generator}{generatorFrequency}{/generator}{/4}{/logsForPDF} |  | Amp | {#logsForPDF}{#4}{#generator}{generatorAmp}{/generator}{/4}{/logsForPDF} |
| KW | {#logsForPDF}{#4}{#generator}{generatorKW}{/generator}{/4}{/logsForPDF} |  |  |  |  |  |  |

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| **AIR CONDITIONING UNIT** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Compressor Amp | {#logsForPDF}{#4}{#airConditioningUnit}{acAmp}{/airConditioningUnit}{/4}{/logsForPDF} |  | Compressor Suction Press | {#logsForPDF}{#4}{#airConditioningUnit}{acSuctionPress}{/airConditioningUnit}{/4}{/logsForPDF} |  | Compressor Discharge Press | {#logsForPDF}{#4}{#airConditioningUnit}{acDischargePress}{/airConditioningUnit}{/4}{/logsForPDF} |
| LO Press | {#logsForPDF}{#4}{#airConditioningUnit}{acLOPress}{/airConditioningUnit}{/4}{/logsForPDF} |  | Cooling Water Press | {#logsForPDF}{#4}{#airConditioningUnit}{acCWpress}{/airConditioningUnit}{/4}{/logsForPDF} |  | Cooling Water Temp Out (Out From Condenser) | {#logsForPDF}{#4}{#airConditioningUnit}{acCWTemp}{/airConditioningUnit}{/4}{/logsForPDF} |

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| **FUEL OIL** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Consumed | {#logsForPDF}{#4}{#fuelOil}{foConsumed}{/fuelOil}{/4}{/logsForPDF} |  | ROB | {#logsForPDF}{#4}{#fuelOil}{foROB}{/fuelOil}{/4}{/logsForPDF} |  |  |  |

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| **FRESH WATER** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Consumed | {#logsForPDF}{#4}{#freshWater}{fwConsumed}{/freshWater}{/4}{/logsForPDF} |  | ROB | {#logsForPDF}{#4}{#freshWater}{fwROB}{/freshWater}{/4}{/logsForPDF} |  |  |  |

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| **LUB OIL** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Grade 40 | {#logsForPDF}{#4}{#lubOil}{loGrade40}{/lubOil}{/4}{/logsForPDF} |  | Grade 46 | {#logsForPDF}{#4}{#lubOil}{loGrade46}{/lubOil}{/4}{/logsForPDF} |  | Grade 68 | {#logsForPDF}{#4}{#lubOil}{loGrade68}{/lubOil}{/4}{/logsForPDF} |
| Grade 100 | {#logsForPDF}{#4}{#lubOil}{loGrade100}{/lubOil}{/4}{/logsForPDF} |  | Grade P100 | {#logsForPDF}{#4}{#lubOil}{loGradeP100}{/lubOil}{/4}{/logsForPDF} |  | Free Text 1 | {#logsForPDF}{#4}{#lubOil}{loFreeText1}{/lubOil}{/4}{/logsForPDF} |
| Free Text 2 | {#logsForPDF}{#4}{#lubOil}{loFreeText2}{/lubOil}{/4}{/logsForPDF} |  | Free Text 3 | {#logsForPDF}{#4}{#lubOil}{loFreeText3}{/lubOil}{/4}{/logsForPDF} |  | Free Text 4 | {#logsForPDF}{#4}{#lubOil}{loFreeText4}{/lubOil}{/4}{/logsForPDF} |
| Free Text 5 | {#logsForPDF}{#4}{#lubOil}{loFreeText5}{/lubOil}{/4}{/logsForPDF} |  |  |  |  |  |  |

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| **TANK SURROUNDINGS** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| FO Day Tank 1 | {#logsForPDF}{#4}{#tankSurroundings}{tankFODayTank1}{/tankSurroundings}{/4}{/logsForPDF} |  | FO Day Tank 2 | {#logsForPDF}{#4}{#tankSurroundings}{tankFODayTank2}{/tankSurroundings}{/4}{/logsForPDF} |  | FO Tank 1 | {#logsForPDF}{#4}{#tankSurroundings}{tankFOTank1}{/tankSurroundings}{/4}{/logsForPDF} |
| FO Tank 2 | {#logsForPDF}{#4}{#tankSurroundings}{tankFOTank2}{/tankSurroundings}{/4}{/logsForPDF} |  | FO Tank 3 | {#logsForPDF}{#4}{#tankSurroundings}{tankFOTank3}{/tankSurroundings}{/4}{/logsForPDF} |  | FO Tank 4 | {#logsForPDF}{#4}{#tankSurroundings}{tankFOTank4}{/tankSurroundings}{/4}{/logsForPDF} |
| FO Tank 5 | {#logsForPDF}{#4}{#tankSurroundings}{tankFOTank5}{/tankSurroundings}{/4}{/logsForPDF} |  | FO Tank 6 | {#logsForPDF}{#4}{#tankSurroundings}{tankFOTank6}{/tankSurroundings}{/4}{/logsForPDF} |  | FW Tank 1 | {#logsForPDF}{#4}{#tankSurroundings}{tankFWTank1}{/tankSurroundings}{/4}{/logsForPDF} |
| FW Tank 2 | {#logsForPDF}{#4}{#tankSurroundings}{tankFWTank2}{/tankSurroundings}{/4}{/logsForPDF} |  | FO Tank | {#logsForPDF}{#4}{#tankSurroundings}{tankLOTank}{/tankSurroundings}{/4}{/logsForPDF} |  | Hydraulic Oil Tank | {#logsForPDF}{#4}{#tankSurroundings}{tankHydraulicOilTank}{/tankSurroundings}{/4}{/logsForPDF} |
| Sewage Tank | {#logsForPDF}{#4}{#tankSurroundings}{tankSewageTank}{/tankSurroundings}{/4}{/logsForPDF} |  | Gray Water tank | {#logsForPDF}{#4}{#tankSurroundings}{tankGrayWaterTank}{/tankSurroundings}{/4}{/logsForPDF} |  | Waster Oil Tank | {#logsForPDF}{#4}{#tankSurroundings}{tankWasterOilTank}{/tankSurroundings}{/4}{/logsForPDF} |
| Oily Water Tank | {#logsForPDF}{#4}{#tankSurroundings}{tankOilyWaterTank}{/tankSurroundings}{/4}{/logsForPDF} |  | Sludge Tank | {#logsForPDF}{#4}{#tankSurroundings}{tankSludgeTank}{/tankSurroundings}{/4}{/logsForPDF} |  | Dispersant Tank | {#logsForPDF}{#4}{#tankSurroundings}{tankDispersantTank}{/tankSurroundings}{/4}{/logsForPDF} |
| Foam Tank | {#logsForPDF}{#4}{#tankSurroundings}{tankFoamTank}{/tankSurroundings}{/4}{/logsForPDF} |  | Ballast Tank 1 | {#logsForPDF}{#4}{#tankSurroundings}{tankBallastTank1}{/tankSurroundings}{/4}{/logsForPDF} |  | Ballast Tank 2 | {#logsForPDF}{#4}{#tankSurroundings}{tankBallastTank2}{/tankSurroundings}{/4}{/logsForPDF} |
| Ballast Tank 3 | {#logsForPDF}{#4}{#tankSurroundings}{tankBallastTank3}{/tankSurroundings}{/4}{/logsForPDF} |  | Ballast Tank 4 | {#logsForPDF}{#4}{#tankSurroundings}{tankBallastTank4}{/tankSurroundings}{/4}{/logsForPDF} |  |  |  |

**Engine Log**

{generatedDate}, 1601 - 2000

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| **MAIN ENGINES** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Running Hour | {#logsForPDF}{#5}{#mainEngine}{runningHour}{/mainEngine}{/5}{/logsForPDF} |  | Engine RPM | {#logsForPDF}{#5}{#mainEngine}{engineRPM}{/mainEngine}{/5}{/logsForPDF} |  | Propeller RPM | {#logsForPDF}{#5}{#mainEngine}{propellerRPM}{/mainEngine}{/5}{/logsForPDF} |
| CPP Pitch, If Applicable | {#logsForPDF}{#5}{#mainEngine}{CPPPitch}{/mainEngine}{/5}{/logsForPDF} |  | Fuel Rack / Level | {#logsForPDF}{#5}{#mainEngine}{fuelRack}{/mainEngine}{/5}{/logsForPDF} |  | Eng. Lub. Oil Press | {#logsForPDF}{#5}{#mainEngine}{LOPress}{/mainEngine}{/5}{/logsForPDF} |
| F.W. Cooling Press | {#logsForPDF}{#5}{#mainEngine}{FWcoolingPress}{/mainEngine}{/5}{/logsForPDF} |  | S.W. Cooling Press | {#logsForPDF}{#5}{#mainEngine}{SWcoolingPress}{/mainEngine}{/5}{/logsForPDF} |  | Charge Air Press | {#logsForPDF}{#5}{#mainEngine}{chargeAirPress}{/mainEngine}{/5}{/logsForPDF} |
| Turbo Charger Lub. Oil Press | {#logsForPDF}{#5}{#mainEngine}{turboChargerLOPress}{/mainEngine}{/5}{/logsForPDF} |  | Fuel Oil Press | {#logsForPDF}{#5}{#mainEngine}{FOPress}{/mainEngine}{/5}{/logsForPDF} |  | LO Temp Before Cooler | {#logsForPDF}{#5}{#mainEngine}{LOTempBeforeCooler}{/mainEngine}{/5}{/logsForPDF} |
| LO Temp After Cooler | {#logsForPDF}{#5}{#mainEngine}{LOTempAfterCooler}{/mainEngine}{/5}{/logsForPDF} |  | Cooling Fresh Water Temp In | {#logsForPDF}{#5}{#mainEngine}{coolingFreshWaterTempIn}{/mainEngine}{/5}{/logsForPDF} |  | Cooling Fresh Water Temp Out | {#logsForPDF}{#5}{#mainEngine}{coolingFreshWaterTempOut}{/mainEngine}{/5}{/logsForPDF} |
| Cooling Sea Water Temp In | {#logsForPDF}{#5}{#mainEngine}{coolingSeaWaterTempIn}{/mainEngine}{/5}{/logsForPDF} |  | Cooling Sea Water Temp Out | {#logsForPDF}{#5}{#mainEngine}{coolingSeaWaterTempOut}{/mainEngine}{/5}{/logsForPDF} |  | Turbocharger RPM | {#logsForPDF}{#5}{#mainEngine}{turbochargerRPM}{/mainEngine}{/5}{/logsForPDF} |
| Turbocharger Exhaust Temp (In) | {#logsForPDF}{#5}{#mainEngine}{turbochargerExhaustTempIn}{/mainEngine}{/5}{/logsForPDF} |  | Turbocharger Exhaust Temp (Out) | {#logsForPDF}{#5}{#mainEngine}{turbochargerExhaustTempOut}{/mainEngine}{/5}{/logsForPDF} |  | Charge Air Temp | {#logsForPDF}{#5}{#mainEngine}{chargeAirTemp}{/mainEngine}{/5}{/logsForPDF} |
| Combustion Peak Pressure (Cylinder #1-8) | {#logsForPDF}{#5}{#mainEngine}{combustionPeakPressure}{/mainEngine}{/5}{/logsForPDF} |  | Exhaust Temp (Cylinder #1-8) | {#logsForPDF}{#5}{#mainEngine}{exhaustTemp}{/mainEngine}{/5}{/logsForPDF} |  |  |  |

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| **ZP & CLUTCH** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ZP LO Level (ISO VG100) | {#logsForPDF}{#5}{#ZPAndClutch}{zpClutchLOLevel}{/ZPAndClutch}{/5}{/logsForPDF} |  | ZP LO Press | {#logsForPDF}{#5}{#ZPAndClutch}{zpClutchLOPress}{/ZPAndClutch}{/5}{/logsForPDF} |  | ZP Charge Oil Press | {#logsForPDF}{#5}{#ZPAndClutch}{zpClutchChargeOilPress}{/ZPAndClutch}{/5}{/logsForPDF} |
| ZP LO Temp | {#logsForPDF}{#5}{#ZPAndClutch}{zpClutchLOTemp}{/ZPAndClutch}{/5}{/logsForPDF} |  | ZP Hydraulic Oil Level (ISO VG46 or 68) | {#logsForPDF}{#5}{#ZPAndClutch}{zpClutchOilLevel}{/ZPAndClutch}{/5}{/logsForPDF} |  | ZP Hydraulic Oil At Cooler (In) | {#logsForPDF}{#5}{#ZPAndClutch}{zpClutchOilIn}{/ZPAndClutch}{/5}{/logsForPDF} |
| ZP Hydraulic Oil At Cooler (Out) | {#logsForPDF}{#5}{#ZPAndClutch}{zpClutChoilOut}{/ZPAndClutch}{/5}{/logsForPDF} |  | Clutch Oil Press | {#logsForPDF}{#5}{#ZPAndClutch}{zpClutchClutchOilPress}{/ZPAndClutch}{/5}{/logsForPDF} |  |  |  |

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| **AE** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Running Hour | {#logsForPDF}{#5}{#ae}{aeRunningHour}{/ae}{/5}{/logsForPDF} |  | FO Press | {#logsForPDF}{#5}{#ae}{aeFOPress}{/ae}{/5}{/logsForPDF} |  | LO Press | {#logsForPDF}{#5}{#ae}{aeLOPress}{/ae}{/5}{/logsForPDF} |
| LO Temp | {#logsForPDF}{#5}{#ae}{aeLOTemp}{/ae}{/5}{/logsForPDF} |  | LO Level | {#logsForPDF}{#5}{#ae}{aeLOLevel}{/ae}{/5}{/logsForPDF} |  | Cooling Water Temp In | {#logsForPDF}{#5}{#ae}{aeTempIn}{/ae}{/5}{/logsForPDF} |
| Cooling Water Temp Out | {#logsForPDF}{#5}{#ae}{aeTempOut}{/ae}{/5}{/logsForPDF} |  | Exhaust Temp (Before Turbocharger) | {#logsForPDF}{#5}{#ae}{aeExhaustTemp}{/ae}{/5}{/logsForPDF} |  |  |  |

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| **GENERATOR** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Voltage | {#logsForPDF}{#5}{#generator}{generatorVoltage}{/generator}{/5}{/logsForPDF} |  | Frequency | {#logsForPDF}{#5}{#generator}{generatorFrequency}{/generator}{/5}{/logsForPDF} |  | Amp | {#logsForPDF}{#5}{#generator}{generatorAmp}{/generator}{/5}{/logsForPDF} |
| KW | {#logsForPDF}{#5}{#generator}{generatorKW}{/generator}{/5}{/logsForPDF} |  |  |  |  |  |  |

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| **AIR CONDITIONING UNIT** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Compressor Amp | {#logsForPDF}{#5}{#airConditioningUnit}{acAmp}{/airConditioningUnit}{/5}{/logsForPDF} |  | Compressor Suction Press | {#logsForPDF}{#5}{#airConditioningUnit}{acSuctionPress}{/airConditioningUnit}{/5}{/logsForPDF} |  | Compressor Discharge Press | {#logsForPDF}{#5}{#airConditioningUnit}{acDischargePress}{/airConditioningUnit}{/5}{/logsForPDF} |
| LO Press | {#logsForPDF}{#5}{#airConditioningUnit}{acLOPress}{/airConditioningUnit}{/5}{/logsForPDF} |  | Cooling Water Press | {#logsForPDF}{#5}{#airConditioningUnit}{acCWpress}{/airConditioningUnit}{/5}{/logsForPDF} |  | Cooling Water Temp Out (Out From Condenser) | {#logsForPDF}{#5}{#airConditioningUnit}{acCWTemp}{/airConditioningUnit}{/5}{/logsForPDF} |

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| **FUEL OIL** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Consumed | {#logsForPDF}{#5}{#fuelOil}{foConsumed}{/fuelOil}{/5}{/logsForPDF} |  | ROB | {#logsForPDF}{#5}{#fuelOil}{foROB}{/fuelOil}{/5}{/logsForPDF} |  |  |  |

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| **FRESH WATER** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Consumed | {#logsForPDF}{#5}{#freshWater}{fwConsumed}{/freshWater}{/5}{/logsForPDF} |  | ROB | {#logsForPDF}{#5}{#freshWater}{fwROB}{/freshWater}{/5}{/logsForPDF} |  |  |  |

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| **LUB OIL** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Grade 40 | {#logsForPDF}{#5}{#lubOil}{loGrade40}{/lubOil}{/5}{/logsForPDF} |  | Grade 46 | {#logsForPDF}{#5}{#lubOil}{loGrade46}{/lubOil}{/5}{/logsForPDF} |  | Grade 68 | {#logsForPDF}{#5}{#lubOil}{loGrade68}{/lubOil}{/5}{/logsForPDF} |
| Grade 100 | {#logsForPDF}{#5}{#lubOil}{loGrade100}{/lubOil}{/5}{/logsForPDF} |  | Grade P100 | {#logsForPDF}{#5}{#lubOil}{loGradeP100}{/lubOil}{/5}{/logsForPDF} |  | Free Text 1 | {#logsForPDF}{#5}{#lubOil}{loFreeText1}{/lubOil}{/5}{/logsForPDF} |
| Free Text 2 | {#logsForPDF}{#5}{#lubOil}{loFreeText2}{/lubOil}{/5}{/logsForPDF} |  | Free Text 3 | {#logsForPDF}{#5}{#lubOil}{loFreeText3}{/lubOil}{/5}{/logsForPDF} |  | Free Text 4 | {#logsForPDF}{#5}{#lubOil}{loFreeText4}{/lubOil}{/5}{/logsForPDF} |
| Free Text 5 | {#logsForPDF}{#5}{#lubOil}{loFreeText5}{/lubOil}{/5}{/logsForPDF} |  |  |  |  |  |  |

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| **TANK SURROUNDINGS** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| FO Day Tank 1 | {#logsForPDF}{#5}{#tankSurroundings}{tankFODayTank1}{/tankSurroundings}{/5}{/logsForPDF} |  | FO Day Tank 2 | {#logsForPDF}{#5}{#tankSurroundings}{tankFODayTank2}{/tankSurroundings}{/5}{/logsForPDF} |  | FO Tank 1 | {#logsForPDF}{#5}{#tankSurroundings}{tankFOTank1}{/tankSurroundings}{/5}{/logsForPDF} |
| FO Tank 2 | {#logsForPDF}{#5}{#tankSurroundings}{tankFOTank2}{/tankSurroundings}{/5}{/logsForPDF} |  | FO Tank 3 | {#logsForPDF}{#5}{#tankSurroundings}{tankFOTank3}{/tankSurroundings}{/5}{/logsForPDF} |  | FO Tank 4 | {#logsForPDF}{#5}{#tankSurroundings}{tankFOTank4}{/tankSurroundings}{/5}{/logsForPDF} |
| FO Tank 5 | {#logsForPDF}{#5}{#tankSurroundings}{tankFOTank5}{/tankSurroundings}{/5}{/logsForPDF} |  | FO Tank 6 | {#logsForPDF}{#5}{#tankSurroundings}{tankFOTank6}{/tankSurroundings}{/5}{/logsForPDF} |  | FW Tank 1 | {#logsForPDF}{#5}{#tankSurroundings}{tankFWTank1}{/tankSurroundings}{/5}{/logsForPDF} |
| FW Tank 2 | {#logsForPDF}{#5}{#tankSurroundings}{tankFWTank2}{/tankSurroundings}{/5}{/logsForPDF} |  | FO Tank | {#logsForPDF}{#5}{#tankSurroundings}{tankLOTank}{/tankSurroundings}{/5}{/logsForPDF} |  | Hydraulic Oil Tank | {#logsForPDF}{#5}{#tankSurroundings}{tankHydraulicOilTank}{/tankSurroundings}{/5}{/logsForPDF} |
| Sewage Tank | {#logsForPDF}{#5}{#tankSurroundings}{tankSewageTank}{/tankSurroundings}{/5}{/logsForPDF} |  | Gray Water tank | {#logsForPDF}{#5}{#tankSurroundings}{tankGrayWaterTank}{/tankSurroundings}{/5}{/logsForPDF} |  | Waster Oil Tank | {#logsForPDF}{#5}{#tankSurroundings}{tankWasterOilTank}{/tankSurroundings}{/5}{/logsForPDF} |
| Oily Water Tank | {#logsForPDF}{#5}{#tankSurroundings}{tankOilyWaterTank}{/tankSurroundings}{/5}{/logsForPDF} |  | Sludge Tank | {#logsForPDF}{#5}{#tankSurroundings}{tankSludgeTank}{/tankSurroundings}{/5}{/logsForPDF} |  | Dispersant Tank | {#logsForPDF}{#5}{#tankSurroundings}{tankDispersantTank}{/tankSurroundings}{/5}{/logsForPDF} |
| Foam Tank | {#logsForPDF}{#5}{#tankSurroundings}{tankFoamTank}{/tankSurroundings}{/5}{/logsForPDF} |  | Ballast Tank 1 | {#logsForPDF}{#5}{#tankSurroundings}{tankBallastTank1}{/tankSurroundings}{/5}{/logsForPDF} |  | Ballast Tank 2 | {#logsForPDF}{#5}{#tankSurroundings}{tankBallastTank2}{/tankSurroundings}{/5}{/logsForPDF} |
| Ballast Tank 3 | {#logsForPDF}{#5}{#tankSurroundings}{tankBallastTank3}{/tankSurroundings}{/5}{/logsForPDF} |  | Ballast Tank 4 | {#logsForPDF}{#5}{#tankSurroundings}{tankBallastTank4}{/tankSurroundings}{/5}{/logsForPDF} |  |  |  |

**Engine Log**

{generatedDate}, 2001 - 0000

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| **MAIN ENGINES** |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Running Hour | {#logsForPDF}{#6}{#mainEngine}{runningHour}{/mainEngine}{/6}{/logsForPDF} |  | Engine RPM | {#logsForPDF}{#6}{#mainEngine}{engineRPM}{/mainEngine}{/6}{/logsForPDF} |  | Propeller RPM | {#logsForPDF}{#6}{#mainEngine}{propellerRPM}{/mainEngine}{/6}{/logsForPDF} |
| CPP Pitch, If Applicable | {#logsForPDF}{#6}{#mainEngine}{CPPPitch}{/mainEngine}{/6}{/logsForPDF} |  | Fuel Rack / Level | {#logsForPDF}{#6}{#mainEngine}{fuelRack}{/mainEngine}{/6}{/logsForPDF} |  | Eng. Lub. Oil Press | {#logsForPDF}{#6}{#mainEngine}{LOPress}{/mainEngine}{/6}{/logsForPDF} |
| F.W. Cooling Press | {#logsForPDF}{#6}{#mainEngine}{FWcoolingPress}{/mainEngine}{/6}{/logsForPDF} |  | S.W. Cooling Press | {#logsForPDF}{#6}{#mainEngine}{SWcoolingPress}{/mainEngine}{/6}{/logsForPDF} |  | Charge Air Press | {#logsForPDF}{#6}{#mainEngine}{chargeAirPress}{/mainEngine}{/6}{/logsForPDF} |
| Turbo Charger Lub. Oil Press | {#logsForPDF}{#6}{#mainEngine}{turboChargerLOPress}{/mainEngine}{/6}{/logsForPDF} |  | Fuel Oil Press | {#logsForPDF}{#6}{#mainEngine}{FOPress}{/mainEngine}{/6}{/logsForPDF} |  | LO Temp Before Cooler | {#logsForPDF}{#6}{#mainEngine}{LOTempBeforeCooler}{/mainEngine}{/6}{/logsForPDF} |
| LO Temp After Cooler | {#logsForPDF}{#6}{#mainEngine}{LOTempAfterCooler}{/mainEngine}{/6}{/logsForPDF} |  | Cooling Fresh Water Temp In | {#logsForPDF}{#6}{#mainEngine}{coolingFreshWaterTempIn}{/mainEngine}{/6}{/logsForPDF} |  | Cooling Fresh Water Temp Out | {#logsForPDF}{#6}{#mainEngine}{coolingFreshWaterTempOut}{/mainEngine}{/6}{/logsForPDF} |
| Cooling Sea Water Temp In | {#logsForPDF}{#6}{#mainEngine}{coolingSeaWaterTempIn}{/mainEngine}{/6}{/logsForPDF} |  | Cooling Sea Water Temp Out | {#logsForPDF}{#6}{#mainEngine}{coolingSeaWaterTempOut}{/mainEngine}{/6}{/logsForPDF} |  | Turbocharger RPM | {#logsForPDF}{#6}{#mainEngine}{turbochargerRPM}{/mainEngine}{/6}{/logsForPDF} |
| Turbocharger Exhaust Temp (In) | {#logsForPDF}{#6}{#mainEngine}{turbochargerExhaustTempIn}{/mainEngine}{/6}{/logsForPDF} |  | Turbocharger Exhaust Temp (Out) | {#logsForPDF}{#6}{#mainEngine}{turbochargerExhaustTempOut}{/mainEngine}{/6}{/logsForPDF} |  | Charge Air Temp | {#logsForPDF}{#6}{#mainEngine}{chargeAirTemp}{/mainEngine}{/6}{/logsForPDF} |
| Combustion Peak Pressure (Cylinder #1-8) | {#logsForPDF}{#6}{#mainEngine}{combustionPeakPressure}{/mainEngine}{/6}{/logsForPDF} |  | Exhaust Temp (Cylinder #1-8) | {#logsForPDF}{#6}{#mainEngine}{exhaustTemp}{/mainEngine}{/6}{/logsForPDF} |  |  |  |

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| **ZP & CLUTCH** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ZP LO Level (ISO VG100) | {#logsForPDF}{#6}{#ZPAndClutch}{zpClutchLOLevel}{/ZPAndClutch}{/6}{/logsForPDF} |  | ZP LO Press | {#logsForPDF}{#6}{#ZPAndClutch}{zpClutchLOPress}{/ZPAndClutch}{/6}{/logsForPDF} |  | ZP Charge Oil Press | {#logsForPDF}{#6}{#ZPAndClutch}{zpClutchChargeOilPress}{/ZPAndClutch}{/6}{/logsForPDF} |
| ZP LO Temp | {#logsForPDF}{#6}{#ZPAndClutch}{zpClutchLOTemp}{/ZPAndClutch}{/6}{/logsForPDF} |  | ZP Hydraulic Oil Level (ISO VG46 or 68) | {#logsForPDF}{#6}{#ZPAndClutch}{zpClutchOilLevel}{/ZPAndClutch}{/6}{/logsForPDF} |  | ZP Hydraulic Oil At Cooler (In) | {#logsForPDF}{#6}{#ZPAndClutch}{zpClutchOilIn}{/ZPAndClutch}{/6}{/logsForPDF} |
| ZP Hydraulic Oil At Cooler (Out) | {#logsForPDF}{#6}{#ZPAndClutch}{zpClutChoilOut}{/ZPAndClutch}{/6}{/logsForPDF} |  | Clutch Oil Press | {#logsForPDF}{#6}{#ZPAndClutch}{zpClutchClutchOilPress}{/ZPAndClutch}{/6}{/logsForPDF} |  |  |  |

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| **AE** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Running Hour | {#logsForPDF}{#6}{#ae}{aeRunningHour}{/ae}{/6}{/logsForPDF} |  | FO Press | {#logsForPDF}{#6}{#ae}{aeFOPress}{/ae}{/6}{/logsForPDF} |  | LO Press | {#logsForPDF}{#6}{#ae}{aeLOPress}{/ae}{/6}{/logsForPDF} |
| LO Temp | {#logsForPDF}{#6}{#ae}{aeLOTemp}{/ae}{/6}{/logsForPDF} |  | LO Level | {#logsForPDF}{#6}{#ae}{aeLOLevel}{/ae}{/6}{/logsForPDF} |  | Cooling Water Temp In | {#logsForPDF}{#6}{#ae}{aeTempIn}{/ae}{/6}{/logsForPDF} |
| Cooling Water Temp Out | {#logsForPDF}{#6}{#ae}{aeTempOut}{/ae}{/6}{/logsForPDF} |  | Exhaust Temp (Before Turbocharger) | {#logsForPDF}{#6}{#ae}{aeExhaustTemp}{/ae}{/6}{/logsForPDF} |  |  |  |

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| **GENERATOR** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Voltage | {#logsForPDF}{#6}{#generator}{generatorVoltage}{/generator}{/6}{/logsForPDF} |  | Frequency | {#logsForPDF}{#6}{#generator}{generatorFrequency}{/generator}{/6}{/logsForPDF} |  | Amp | {#logsForPDF}{#6}{#generator}{generatorAmp}{/generator}{/6}{/logsForPDF} |
| KW | {#logsForPDF}{#6}{#generator}{generatorKW}{/generator}{/6}{/logsForPDF} |  |  |  |  |  |  |

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| **AIR CONDITIONING UNIT** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Compressor Amp | {#logsForPDF}{#6}{#airConditioningUnit}{acAmp}{/airConditioningUnit}{/6}{/logsForPDF} |  | Compressor Suction Press | {#logsForPDF}{#6}{#airConditioningUnit}{acSuctionPress}{/airConditioningUnit}{/6}{/logsForPDF} |  | Compressor Discharge Press | {#logsForPDF}{#6}{#airConditioningUnit}{acDischargePress}{/airConditioningUnit}{/6}{/logsForPDF} |
| LO Press | {#logsForPDF}{#6}{#airConditioningUnit}{acLOPress}{/airConditioningUnit}{/6}{/logsForPDF} |  | Cooling Water Press | {#logsForPDF}{#6}{#airConditioningUnit}{acCWpress}{/airConditioningUnit}{/6}{/logsForPDF} |  | Cooling Water Temp Out (Out From Condenser) | {#logsForPDF}{#6}{#airConditioningUnit}{acCWTemp}{/airConditioningUnit}{/6}{/logsForPDF} |

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| **FUEL OIL** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Consumed | {#logsForPDF}{#6}{#fuelOil}{foConsumed}{/fuelOil}{/6}{/logsForPDF} |  | ROB | {#logsForPDF}{#6}{#fuelOil}{foROB}{/fuelOil}{/6}{/logsForPDF} |  |  |  |

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| **FRESH WATER** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Consumed | {#logsForPDF}{#6}{#freshWater}{fwConsumed}{/freshWater}{/6}{/logsForPDF} |  | ROB | {#logsForPDF}{#6}{#freshWater}{fwROB}{/freshWater}{/6}{/logsForPDF} |  |  |  |

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| **LUB OIL** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Grade 40 | {#logsForPDF}{#6}{#lubOil}{loGrade40}{/lubOil}{/6}{/logsForPDF} |  | Grade 46 | {#logsForPDF}{#6}{#lubOil}{loGrade46}{/lubOil}{/6}{/logsForPDF} |  | Grade 68 | {#logsForPDF}{#6}{#lubOil}{loGrade68}{/lubOil}{/6}{/logsForPDF} |
| Grade 100 | {#logsForPDF}{#6}{#lubOil}{loGrade100}{/lubOil}{/6}{/logsForPDF} |  | Grade P100 | {#logsForPDF}{#6}{#lubOil}{loGradeP100}{/lubOil}{/6}{/logsForPDF} |  | Free Text 1 | {#logsForPDF}{#6}{#lubOil}{loFreeText1}{/lubOil}{/6}{/logsForPDF} |
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| Free Text 5 | {#logsForPDF}{#6}{#lubOil}{loFreeText5}{/lubOil}{/6}{/logsForPDF} |  |  |  |  |  |  |

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| **TANK SURROUNDINGS** |

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| FO Day Tank 1 | {#logsForPDF}{#6}{#tankSurroundings}{tankFODayTank1}{/tankSurroundings}{/6}{/logsForPDF} |  | FO Day Tank 2 | {#logsForPDF}{#6}{#tankSurroundings}{tankFODayTank2}{/tankSurroundings}{/6}{/logsForPDF} |  | FO Tank 1 | {#logsForPDF}{#6}{#tankSurroundings}{tankFOTank1}{/tankSurroundings}{/6}{/logsForPDF} |
| FO Tank 2 | {#logsForPDF}{#6}{#tankSurroundings}{tankFOTank2}{/tankSurroundings}{/6}{/logsForPDF} |  | FO Tank 3 | {#logsForPDF}{#6}{#tankSurroundings}{tankFOTank3}{/tankSurroundings}{/6}{/logsForPDF} |  | FO Tank 4 | {#logsForPDF}{#6}{#tankSurroundings}{tankFOTank4}{/tankSurroundings}{/6}{/logsForPDF} |
| FO Tank 5 | {#logsForPDF}{#6}{#tankSurroundings}{tankFOTank5}{/tankSurroundings}{/6}{/logsForPDF} |  | FO Tank 6 | {#logsForPDF}{#6}{#tankSurroundings}{tankFOTank6}{/tankSurroundings}{/6}{/logsForPDF} |  | FW Tank 1 | {#logsForPDF}{#6}{#tankSurroundings}{tankFWTank1}{/tankSurroundings}{/6}{/logsForPDF} |
| FW Tank 2 | {#logsForPDF}{#6}{#tankSurroundings}{tankFWTank2}{/tankSurroundings}{/6}{/logsForPDF} |  | FO Tank | {#logsForPDF}{#6}{#tankSurroundings}{tankLOTank}{/tankSurroundings}{/6}{/logsForPDF} |  | Hydraulic Oil Tank | {#logsForPDF}{#6}{#tankSurroundings}{tankHydraulicOilTank}{/tankSurroundings}{/6}{/logsForPDF} |
| Sewage Tank | {#logsForPDF}{#6}{#tankSurroundings}{tankSewageTank}{/tankSurroundings}{/6}{/logsForPDF} |  | Gray Water tank | {#logsForPDF}{#6}{#tankSurroundings}{tankGrayWaterTank}{/tankSurroundings}{/6}{/logsForPDF} |  | Waster Oil Tank | {#logsForPDF}{#6}{#tankSurroundings}{tankWasterOilTank}{/tankSurroundings}{/6}{/logsForPDF} |
| Oily Water Tank | {#logsForPDF}{#6}{#tankSurroundings}{tankOilyWaterTank}{/tankSurroundings}{/6}{/logsForPDF} |  | Sludge Tank | {#logsForPDF}{#6}{#tankSurroundings}{tankSludgeTank}{/tankSurroundings}{/6}{/logsForPDF} |  | Dispersant Tank | {#logsForPDF}{#6}{#tankSurroundings}{tankDispersantTank}{/tankSurroundings}{/6}{/logsForPDF} |
| Foam Tank | {#logsForPDF}{#6}{#tankSurroundings}{tankFoamTank}{/tankSurroundings}{/6}{/logsForPDF} |  | Ballast Tank 1 | {#logsForPDF}{#6}{#tankSurroundings}{tankBallastTank1}{/tankSurroundings}{/6}{/logsForPDF} |  | Ballast Tank 2 | {#logsForPDF}{#6}{#tankSurroundings}{tankBallastTank2}{/tankSurroundings}{/6}{/logsForPDF} |
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| **REMARKS** |
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| --- | --- | --- |
| **ACKNOWLEDGEMENTS** | | |
| **CHIEF ENGINEER** |  | **CAPTAIN** |
| {%chiefEngineerSignature} |  | {%captainSignature} |
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