



### Operation Data Protocol

Name		Location	
Date			

Installation name:		ME or Set #	
Engine Type	Serial #	Engine Opr. Hrs	

Engine Nom. Output [kW]		Nom. Speed			
Actual Load [kW]		Load in %		Actual rpm	

Altitude [m]		Air Temp. [°C]	
Barometric Press [mbar]		Rel. Humidity	

Engine												
Cyl. #		1	2	3	4	5	6	7	8	9	MEAN	
A Bank	Exh. Gas temp [°C]											
	Fuel rack [mm]											
	Liner Temp [°C]											
	Comb. Press. [bar]											
Cyl #		1	2	3	4	5	6	7	8	9		
B Bank	Exh. Gas temp [°C]											
	Fuel rack [mm]											
	Liner Temp [°C]											
	Comb. Press. [bar]											
Main Bearing Temp [°C]		0	1	2	3	4	5	6	7	8	9	10
Turbo Charger A Bank		Turbo Charger B Bank										
Exh. Temp b/a TC [°C]		Exh. Temp b/a TC [°C]		Wastegate Pos %								
TC Speed [rpm]		TC Speed [rpm]		Crankcase Press [mbar]								
Charge Air												
Charge Air Temp. [°C]		Charge Air Press [bar]		Diff Press Air Cooler [mbar]								
		Air Temp Bef Cooler [°C]		Diff Press Intake Filter [mbar]								
Lube oil system												
Temp b/a engine [°C]		Temp b/a Cooler [°C]		Brand Lube Oil								
Press b/a Cooler [bar] :		Press Inlet Engine [bar]		Opr Hrs Lube Oil								
Cooling water system												
HT CW Temp b/a Engine A Bank [°C]		HT CW Temp b/a Engine B Bank [°C]										
HT CW Press Inlet Engine [bar]												
LT CW Temp b/a Engine A Bank [°C]		LT CW Temp b/a Engine B Bank [°C]										
LT CW Temp b/a Aircooler A Bank [°C]												
Sea Water Press [bar]		Sea Water Temp b/a Cooler [°C]										
Fuel system												
Fuel Viscosity [cSt/50°C]		Fuel temp. Inlet engine [°C]		Visosity bef Engine [cSt]								
Fuel press inlet Engine [bar]		Temp. In /out heater [°C]		Fuel Density [kg/m³]								
press booster module [bar]		Fuel Temp Boost. Module [°C]		Fuel LCV [kJ/kg]								
Nozzle Cooling												
Temp. b/a Engine [°C]		Press before Engine [bar]										