

CableLabel	Category	Group	Item	Label	Field	Connection	Filter	Unit	Min	Max	ZoneMin	ZoneMax
FT-APER	FT Nav/Vision	Fuses	Fuse Engine Room Alarms 1	Fuse Engine Room Alarms 1	AlarmNetworkCable40FId	NO		Alarm	0	1		
FT-APER	Alarm Panels	Alarm Panel Engine Room	Alarm BUZZER	Alarm BUZZER	AlarmProActiveOutputEngineRoomCmd	NO		Switch	0	1		
FT-APER	Alarm Panels	Alarm Panel Engine Room	Alarm FLASH LIGHT	Alarm FLASH LIGHT	AlarmProActiveOutputEngineRoomCmd	NO		Switch	0	1		
FT-APER	Alarm Panels	Alarm Panel Engine Room	Alarm And Lamp Test SWITCH	Alarm And Lamp Test SWITCH	AlarmProActiveOutputEngineRoomCmd	NO		Status	0	1		
FT-APER	Alarm Panels	Alarm Panel Engine Room	Dim SWITCH	Dim SWITCH	AlarmProDimSwitchEngineRoomCmd	NO		Status	0	1		
FT-APER	Alarm Panels	Alarm Panel Engine Room	Silence Alarm SWITCH	Silence Alarm SWITCH	AlarmProAcknowledgeEngineRoomCmd	NO		Status	0	1		
FT-ER29	FT Nav/Vision	Networking	Network Switch 1 Engine Room Alarm	Network Switch 1 Engine Room Alarm	AlarmNetworkCable32FId	NO		Alarm	0	1		
FT-ER29	FT Nav/Vision	Networking	Network Switch 2 Engine Room Alarm	Network Switch 2 Engine Room Alarm	AlarmNetworkCable33FId	NO		Alarm	0	1		
FT-APER	Alarm Panels	Alarm Panel Engine Room	Alarm LED	Alarm LED	AlarmProActiveEngineRoomCmd	NO		Switch	0	1		
FT-APER	Alarm Panels	Alarm Panel Engine Room	Dim LED	Dim LED	AlarmProDimLEDEngineRoomCmd	NO		Switch	0	1		
FT-APER	Alarm Panels	Alarm Panel Engine Room	Station Active LED	Station Active	AlarmProActiveEngineRoomCmd	NO		Switch	0	1		
FT-ER12	FT Nav/Vision	Fuses	Fuse Engine Room Alarms 2	Fuse Engine Room Alarms 2	AlarmNetworkCable1FId	NO		Alarm	0	1		
FT-ER12	Blidge	Blidge Alarms	Blidge Alarm Engine Room PS	Blidge Alarm Engine Room PS	AlarmBlidgeEngineRoom1FId	NO		Alarm	0	1		
FT-ER13	Blidge	Blidge Alarms	Blidge Alarm Engine Room SB	Blidge Alarm Engine Room SB	AlarmBlidgeEngineRoom2FId	NO		Alarm	0	1		
FT-ER26	Blidge	Blidge Alarms	Blidge Pump Main Running	Blidge Pump Main Running	BlidgePump1Cmd	NO		Status	0	1		
FT-ER11	Compressors	Air Compressor	Air Compressor Low Air Pressure	Air Compressor Low Air	CompressorPressureFId	NO		Alarm	0	1		
FT-ER25	Compressors	Air Compressor	Air Compressor Running	Air Compressor Running	CompressorCmd	NO		Status	0	1		
FT-ER14	Fire	Fire Alarm System	Fire Pump Running Alarm	Fire Pump Running Alarm	AlarmFire1FId	NO		Alarm	0	1		
FT-ER16	Hydraulic	Power Pack	Power Pack Oil Level	Power Pack Oil Level	HydraulicPowerPackACOILLevelFId	NO		Alarm	0	1		
FT-ER15	Hydraulic	Power Pack	Power Pack Oil Temperature	Power Pack Oil Temperature	HydraulicPowerPackACOILTemperatureFId	NO		Alarm	0	1		
FT-ER27	Hydraulic	Power Pack	Power Pack Running	Power Pack Running	HydraulicPowerPackACRunningFId	NO		Status	0	1		
FT-ER34	Tanks	Fuel Tanks	Day Tank Level PS (7)	Day Tank Level PS (7)	FuelDayTankLevel1FId	NO		Alarm	0	1		
FT-ER35	Tanks	Fuel Tanks	Day Tank Level SB (8)	Day Tank Level SB (8)	FuelDayTankLevel2FId	NO		Alarm	0	1		
FT-ER42	Tanks	Fuel Tanks	Fuel Tank SE Level PS (1)	Fuel Tank SE Level PS (1)	FuelTankLevel1FId	NO		Alarm	0	1		
FT-ER43	Tanks	Fuel Tanks	Fuel Tank SE Level SB (2)	Fuel Tank SE Level SB (2)	FuelTankLevel2FId	NO		Alarm	0	1		
FT-ER36	Tanks	Oil Tanks	Lube Oil Tank Level	Lube Oil Tank Level	OilTankLevel1FId	NO		Alarm	0	1		
FT-ER37	Tanks	Oil Tanks	Sludge Tank Level	Sludge Tank Level	SludgeTankLevel1FId	NO		Alarm	0	1		
FT-ER38	Tanks	Oil Tanks	Waste Oil Tank Level	Waste Oil Tank Level	OilTankLevel2FId	NO		Alarm	0	1		
FT-ER28	Tanks	Fuel Tanks	Day Tank Level PS (7)	Day Tank Level PS (7)	FuelDayTankLevel1FId	NO		%	0	100		
FT-ER29	Tanks	Fuel Tanks	Day Tank Level SB (8)	Day Tank Level SB (8)	FuelDayTankLevel2FId	NO		%	0	100		
FT-ER30	Tanks	Fuel Tanks	Fuel Tank SE Level PS (1)	Fuel Tank SE Level PS (1)	FuelTankLevel1FId	NO		%	0	100		
FT-ER31	Tanks	Fuel Tanks	Fuel Tank SE Level SB (2)	Fuel Tank SE Level SB (2)	FuelTankLevel2FId	NO		%	0	100		
FT-ER52	Propulsion	Port Engine	Engine Port Shaft Temperature	PS Eng Shaft	EngineShaftTemperature1FId	NO		°C	0	120		
FT-ER52	Propulsion	Starboard Engine	Engine Starboard Shaft Temperature	SB Eng Shaft	EngineShaftTemperature2FId	NO		°C	0	120		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Cos Phi Average	AC Bus A Cos Phi Avg	BusbarACAvCosPhiAFId	NO		Phi	0	1		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Cos Phi L1	AC Bus A Cos Phi L1	BusbarACL1CosPhiAFId	NO		Phi	0	1		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Cos Phi L2	AC Bus A Cos Phi L2	BusbarACL2CosPhiAFId	NO		Phi	0	1		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Cos Phi L3	AC Bus A Cos Phi L3	BusbarACL3CosPhiAFId	NO		Phi	0	1		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Current Average	AC Busbar A Avg	BusbarACCurrentAFId	NO		A	0	150		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Current Average	AC Busbar A Avg	BusbarACCurrentAFId	NO		A	0	150		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Current L1	AC Bus A L1	BusbarACPhase1CurrentAFId	NO		A	0	150		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Current L2	AC Bus A L2	BusbarACPhase2CurrentAFId	NO		A	0	150		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Current L3	AC Bus A L3	BusbarACPhase3CurrentAFId	NO		A	0	150		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Current L1	AC Bus A L1	BusbarACPhase1CurrentAFId	NO		A	0	150		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Current L2	AC Bus A L2	BusbarACPhase2CurrentAFId	NO		A	0	150		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Current L3	AC Bus A L3	BusbarACPhase3CurrentAFId	NO		A	0	150		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Frequency	AC Bus A	BusbarACFrequencyAFId	NO		Hz	45	55		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Power Apparent L1	AC Bus A App L1	BusbarACL1ApparentPowerAFId	NO		kW	0	25		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Power Apparent L2	AC Bus A App L2	BusbarACL2ApparentPowerAFId	NO		kW	0	25		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Power Apparent L3	AC Bus A App L3	BusbarACL3ApparentPowerAFId	NO		kW	0	25		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Power Apparent Total	AC Bus A App Total	BusbarACApparentPowerAFId	NO		kW	0	75		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Power L1	AC Bus A L1	BusbarACL1PowerAFId	NO		kW	0	25		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Power L2	AC Bus A L2	BusbarACL2PowerAFId	NO		kW	0	25		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Power L3	AC Bus A L3	BusbarACL3PowerAFId	NO		kW	0	25		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Power Reactive L1	AC Bus A React L1	BusbarACL1ReactivePowerAFId	NO		kW	0	25		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Power Reactive L2	AC Bus A React L2	BusbarACL2ReactivePowerAFId	NO		kW	0	25		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Power Reactive L3	AC Bus A React L3	BusbarACL3ReactivePowerAFId	NO		kW	0	25		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Power Total	AC Bus A Total	BusbarACLTotalPowerAFId	NO		kW	0	75		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Voltage Average	AC Busbar A Avg	BusbarACVoltageAFId	NO		V	360	440		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Voltage L1-L2	AC Bus A L1-L2	BusbarACL1L2VoltageAFId	NO		V	360	440		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Voltage L1-L3	AC Bus A L1-L3	BusbarACL1L3VoltageAFId	NO		V	360	440		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Voltage L2-L3	AC Bus A L2-L3	BusbarACL2L3VoltageAFId	NO		V	360	440		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Voltage L1-N	AC Bus A L1-N	BusbarACL1LNVoltageAFId	NO		V	360	440		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Voltage L2-N	AC Bus A L2-N	BusbarACL2LNVoltageAFId	NO		V	360	440		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Voltage L3-N	AC Bus A L3-N	BusbarACL3LNVoltageAFId	NO		V	360	440		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Voltage L1-N	AC Bus A L1-N	BusbarACL1LNVoltageAFId	NO		V	360	440		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Voltage L2-N	AC Bus A L2-N	BusbarACL2LNVoltageAFId	NO		V	360	440		
FT-ER50	Electrical Systems	Busbar AC A	AC Busbar A Voltage L3-N	AC Bus A L3-N	BusbarACL3LNVoltageAFId	NO		V	360	440		
FT-ER19	Generators	Generator Port	Generator Port Coolant Temperature	Generator Port Coolant Temperature	GenCoolantTemperature1FId	NO		°C	0	120		
FT-ER19	Generators	Generator Port	Generator Port Fuel Rate	PS Gen Fuel	GeneratorFuelRate1FId	NO		L/H	0	300		
FT-ER19	Generators	Generator Port	Generator Port Hours	Generator Port Hours	GeneratorHours1FId	NO		H	0	1000000		
FT-ER19	Generators	Generator Port	Generator Port Load	PS Gen Load	GeneratorLoad1FId	NO		%	0	100		
FT-ER19	Generators	Generator Port	Generator Port Oil Pressure	Generator Port Oil Pressure	GeneratorOilPressure1FId	NO		Bar	0	10		
FT-ER19	Generators	Generator Port	Generator Port RPM	PS Gen	GeneratorRpm1FId	NO		RPM	0	2000		
FT-ER19	Generators	Generator Port	Generator Port Starter Battery Voltage	PS Gen Start Batt	GeneratorVoltage1FId	NO		V	18	32		
FT-ER19	Generators	Generator Port	Generator Port Throttle Position	PS Gen Throttle	GeneratorThrottle1FId	NO		%	0	100		
FT-ER20	Generators	Generator Starboard	Generator Starboard Coolant Temperature	SB Gen Coolant	GeneratorCoolantTemperature2FId	NO		°C	0	120		
FT-ER20	Generators	Generator Starboard	Generator Starboard Fuel Rate	SB Gen Fuel	GeneratorFuelRate2FId	NO		L/H	0	300		
FT-ER20	Generators	Generator Starboard	Generator Starboard Hours	SB Gen Hours	GeneratorHours2FId	NO		H	0	1000000		
FT-ER20	Generators	Generator Starboard	Generator Starboard Load	SB Gen Load	GeneratorLoad2FId	NO		%	0	100		
FT-ER20	Generators	Generator Starboard	Generator Starboard Oil Pressure	SB Gen Oil	GeneratorOilPressure2FId	NO		Bar	0	10		
FT-ER20	Generators	Generator Starboard	Generator Starboard RPM	SB Gen	GeneratorRpm2FId	NO		RPM	0	2000		
FT-ER20	Generators	Generator Starboard	Generator Starboard Starter Battery Voltage	SB Gen Start Batt	GeneratorVoltage2FId	NO		V	18	32		
FT-ER20	Generators	Generator Starboard	Generator Starboard Throttle Position	SB Gen Throttle	GeneratorThrottle2FId	NO		%	0	100		
FT-ER17	Propulsion	Port Engine	Engine Port Average Fuel Rate	PS Eng Avg Fuel	EngineFuelRateAvg1FId	NO		L/H	0	500		
FT-ER17	Propulsion	Port Engine	Engine Port Battery Voltage	PS Eng Battery	EngineVoltage1FId	NO		Vdc	18	32		
FT-ER17	Propulsion	Port Engine	Engine Port Coolant Level	PS Eng Coolant	EngineCoolantLevel1FId	NO		%	0	100		
FT-ER17	Propulsion	Port Engine	Engine Port Coolant Temperature	PS Eng Coolant	EngineCoolantTemperature1FId	NO		°C	0	120		
FT-ER17	Propulsion	Port Engine	Engine Port Desired RPM	PS Eng Des RPM	EngineDesiredRPM1FId	NO		RPM	0	3000		
FT-ER17	Propulsion	Port Engine	Engine Port ECU Power Supply Voltage	PS Eng ECU	EngineECUVoltage1FId	NO		Vdc	18	32		
FT-ER17	Propulsion	Port Engine	Engine Port Fuel Consumption	PS Eng Fuel	EngineFuelRate1FId	NO		L/H	0	500		
FT-ER17	Propulsion	Port Engine	Engine Port Fuel Pressure	PS Eng Fuel	EngineFuelPressure1FId	NO		Bar	0	10		
FT-ER17	Propulsion	Port Engine	Engine Port Gear Oil Pressure	PS Eng Gear Oil	EngineGearOilPressure1FId	NO		Bar	0	25		
FT-ER17	Propulsion	Port Engine	Engine Port Gear Oil Temperature	PS Eng Gear Oil	EngineGearOilTemperature1FId	NO		°C	0	150		
FT-ER17	Propulsion	Port Engine	Engine Port Hours	PS Eng Hours	EngineHours1FId	NO		H	0	1000000		
FT-ER17	Propulsion	Port Engine	Engine Port Inlet Air Pressure	PS Eng Inlet Air	EngineAirPressure1FId	NO		Bar	0	10		
FT-ER17	Propulsion	Port Engine	Engine Port Intake Manifold Temperature	PS Eng Manifold	EngineManifoldTemperature1FId	NO		°C	0	120		
FT-ER17	Propulsion	Port Engine	Engine Port Load	PS Eng Load	EngineLoad1FId	NO		%	0	100		
FT-ER17	Propulsion	Port Engine	Engine Port Oil Pressure	PS Eng Oil	EngineOilPressure1FId	NO		Bar	0	10		
FT-ER17	Propulsion	Port Engine	Engine Port Speed	PS Eng Speed	EngineRpm1FId	NO		RPM	0	3000		
FT-ER17	Propulsion	Port Engine	Engine Port Total Fuel Used	PS Eng Total Fuel	EngineTotalFuel1FId	NO		L	0	1000000		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Average Fuel Rate	SB Eng Avg Fuel	EngineFuelRateAvg2FId	NO		L/H	0	500		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Battery	SB Eng Battery	EngineVoltage2FId	NO		Vdc	18	32		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Coolant Level	SB Eng Coolant	EngineCoolantLevel2FId	NO		%	0	100		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Coolant Temperature	SB Eng Coolant	EngineCoolantTemperature2FId	NO		°C	0	120		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Desired RPM	SB Eng Des RPM	EngineDesiredRPM2FId	NO		RPM	0	3000		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard ECU Power Supply Voltage	SB Eng ECU	EngineECUVoltage2FId	NO		Vdc	18	32		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Fuel Consumption	SB Eng Fuel	EngineFuelRate2FId	NO		L/H	0	500		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Fuel Pressure	SB Eng Fuel	EngineFuelPressure2FId	NO		Bar	0	10		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Gear Oil Pressure	SB Eng Gear Oil	EngineGearOilPressure2FId	NO		Bar	0	25		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Gear Oil Temperature	SB Eng Gear Oil	EngineGearOilTemperature2FId	NO		°C	0	150		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Hours	SB Eng Hours	EngineHours2FId	NO		H	0	1000000		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Inlet Air Pressure	SB Eng Inlet Air	EngineAirPressure2FId	NO		Bar	0	10		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Intake Manifold Temperature	SB Eng Manifold	EngineManifoldTemperature2FId	NO		°C	0	120		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Load	SB Eng Load	EngineLoad2FId	NO		%	0	100		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Oil Pressure	SB Eng Oil	EngineOilPressure2FId	NO		Bar	0	10		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Speed	SB Eng Speed	EngineRpm2FId	NO		RPM	0	3000		
FT-ER18	Propulsion	Starboard Engine	Engine Starboard Total Fuel Used	SB Eng Total Fuel	EngineTotalFuel2FId	NO		L	0	1000000		
FT-ER51	Electrical Systems	Busbar AC B	AC Busbar B Cos Phi Average	AC Bus B Cos Phi Avg	BusbarACAvCosPhiBFId	NO		Phi	0	1		
FT-ER51	Electrical Systems	Busbar AC B	AC Busbar B Cos Phi L1	AC Bus B Cos Phi L1	BusbarACL1CosPhiBFId	NO		Phi	0	1		
FT-ER51	Electrical Systems	Busbar AC B	AC Busbar B Cos Phi L2	AC Bus B Cos Phi L2	BusbarACL2CosPhiBFId	NO		Phi	0	1		
FT-ER51	Electrical Systems	Busbar AC B	AC Busbar B Cos Phi L3	AC Bus B Cos Phi L3	BusbarACL3CosPhiBFId	NO		Phi	0	1		
FT-ER51	Electrical Systems	Busbar AC B	AC Busbar B Frequency	AC Bus B	BusbarACFrequencyBFId	NO		Hz	45	55		