

## Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B3:0				
B3:0/0	PRG_ENABLE_PID_OA	Global		
B3:0/1	WW_PID_OFF	Global		
B3:0/2	PRG_PID_OFF	Global		
B3:0/9	ALARM_ACTIVE	Global		
B3:0/10	ENGINE_SD	Global		
B3:2/0	LCL_MODE	Global	Local Mode	
B3:2/2	RMT_MODE	Global	Remote Mode	
B3:2/15	AL_SD_TEST	Global		
B3:3/0	PV_LOCAL_PB	Global	Panelview Local PB	
B3:3/1	PV_STOP	Global	Panelview Off PB	
B3:3/2	PV_RMT_PB	Global	Panelview Remote PB	
B3:3/3	STOPPED	Global		
B3:5/5	TEST	Global	Used to test alarms without shutting down the unit SET from PanelView	
B3:5/6	TEST_ON	Global	Turn on the test feature from the panel view momentary	
B3:5/8	TEST_OFF	Global	Turn on the test feature from the panelview Momentary	
B3:99/15			BORRAR	
B15:0			HMI COMMAND BITS	
B15:0/0	WW_RESET	Global		
B15:0/1	WW_S_VLV_OPEN	Global		
B15:0/2	WW_S_VLV_CLOSE	Global		
B15:0/3	WW_D_VLV_OPEN	Global		
B15:0/4	WW_D_VLV_CLOSE	Global		
B15:0/5	WW_ENG_START	Global		
B15:0/6	WW_ENG_STOP	Global		
B15:0/7	WW_GROUP_START	Global		
B15:0/8	PV_RESET	Global	RESET PB FROM PV	
B15:0/9	PV_S_VLV_OPEN	Global		
B15:0/10	PV_S_VLV_CLOSE	Global		
B15:0/11	PV_D_VLV_OPEN	Global		
B15:0/12	PV_D_VLV_CLOSE	Global		
B15:0/13	PV_ENG_START	Global		
B15:0/14	PV_ENG_STOP	Global		
B15:0/15				
B15:2			ONESHOT BITS	
B15:6			COMMAND BITS	
B15:6/0	FIRST_PASS	Global		
B15:6/1	REM_SUP_ESD	Global		
B15:6/2	GROUP_START_ENABLE	Global		
B15:6/13	RAW_SPEED_STARTUP	Global		
B15:6/14	PID_MANUAL_CMND	Global	ON=SPEED PID IN MANUAL	
B15:6/15	CRANK_DISC_RPM	Global		
B15:7			STATUS BITS 1	
B15:7/0	HMI_PMP_CRUDE	Global		
B15:7/2	P53_MOTOR_ON	Global		
B15:7/3	BMB_PURG_VL_O	Global		
B15:7/4	S_VLV_OPEN	Global		
B15:7/5	S_VLV_CLOSED	Global		
B15:7/6	D_VLV_OPEN	Global		
B15:7/7	D_VLV_CLOSED	Global		
B15:7/8	SPEED_PID_CTL_MAN	Global		
B15:7/11	FUEL_VALVE	Global		
B15:7/12	ENG_RUNNING	Global		
B15:7/13	ENG_SPINNING	Global		
B15:7/14	ENG_STOPPED	Global		
B15:7/15	WARMUP_PASS	Global		
B15:8			STATUS BITS 2	
B15:8/0	CLASS_B	Global		
B15:8/1	STARTING	Global	Starting	
B15:8/2	RUNNING	Global	Running	
B15:8/3	STOPPING	Global	Stopping	
B15:8/14	SHUTDOWN_ACTIVE	Global		
B15:8/15	ALARM_TRIGGER	Global		
B15:9			DISCRETE ALARM BITS	
B15:9/0	SUCT_VLV_NOPEN	Global		
B15:9/1	SUCT_VLV_NCLOSE	Global		
B15:9/2	DISCH_VLV_NOPEN	Global		
B15:9/3	DISCH_VLV_NCLOSE	Global		
B15:9/4	RAD_H2O_LV_L	Global		
B15:9/5	AFTR_COOL_LV_L	Global		
B15:9/6	SUCT_FLOW_L	Global		
B15:9/7	P53_MOTOR_PWR_F	Global		
B15:9/8	PMP_SEAL_LV_L	Global		
B15:10			ANALOG ALARM BITS	
B15:10/0	ENG_OIL_PRS_L	Global		
B15:10/1	ENG_OIL_TMP_H	Global		
B15:10/2	GEAR_OIL_PRS_L	Global		
B15:10/3	GEAR_OIL_TMP_H	Global		
B15:10/4	ENG_H2O_TEMP_H	Global		
B15:10/5	ENG_FUEL_PRS_L_H	Global		
B15:10/6	PMP_INBRD_TMP_H	Global		
B15:10/7	PMP_OUTBRD_TMP_H	Global		
B15:10/8	PMP_SUCT_PRS_L	Global		
B15:10/9	PMP_DISCH_PRS_H	Global		
B15:10/10	ENG_AIR_TEMP_H	Global		
B15:10/11	PMP_BOX_TEMP_H	Global		
B15:10/12	ENG_INLTAIR_PRS_L_H	Global		

## Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B15:10/13	ENG_RPM_H	Global		
B15:10/14	ENG_EXHAUST_TMP_H	Global		
B15:10/15	PMP_VIBR_H	Global		
B15:11			AI SHUTDOWN BITS	
B15:11/0	ENG_OIL_PRSS_LL	Global		
B15:11/1	ENG_OIL_TEMP_HH	Global		
B15:11/2	GEAR_OIL_PRS_LL	Global		
B15:11/3	GEAR_OIL_TEMP_HH	Global		
B15:11/4	ENG_H2O_TEMP_HH	Global		
B15:11/6	PMP_INBRD_TEMP_HH	Global		
B15:11/7	PMP_OUTBRD_TEMP_HH	Global		
B15:11/8	PMP_SUCT_PRS_LL	Global		
B15:11/9	PMP_DISCH_PRS_HH	Global		
B15:11/10	ENG_AIR_TEMP_HH	Global		
B15:11/11	PMP_BOX_TEMP_HH	Global		
B15:11/13	ENG_RPM_HH	Global		
B15:11/14	ENG_EXHAUST_TMP_HH	Global		
B15:11/15	PMP_VIBR_HH	Global		
B15:12			FAULT BITS	
B15:12/0	ENG_OIL_PRESS_F	Global		
B15:12/1	ENG_OIL_TEMP_F	Global		
B15:12/2	GEAR_OIL_PRESS_F	Global		
B15:12/3	GEAR_OIL_TEMP_F	Global		
B15:12/4	EHG_H2O_TEMP_F	Global		
B15:12/5	ENG_FUEL_PRESS_F	Global		
B15:12/6	PMP_INTBRD_TEMP_F	Global		
B15:12/7	PMP_OUTBRD_TEMP_F	Global		
B15:12/8	PMP_SUCT_PRESS_F	Global		
B15:12/9	PMP_DISCH_PRE_F	Global		
B15:12/10	ENG_AIR_TEMP_F	Global		
B15:12/11	PMP_BOX_TEMP_F	Global		
B15:12/12	ENG_INLTAIR_PRS_F	Global		
B15:12/13	ENG_RPM_F	Global		
B15:12/14	ENG_EXHAUST_TMP_F	Global		
B15:12/15	PMP_VIBRATION_F	Global		
B15:13			DI SHUTDOWN BITS	
B15:13/0	GEAR_LVL_LL	Global		
B15:13/1	ENG_OIL_LV_LL	Global		
B15:13/2	GEAR_VBR_HH	Global		
B15:13/3	ENG_VBR_HH	Global		
B15:13/4	RAD_VBR_HH	Global		
B15:13/5	PMP_VBR_HH	Global		
B15:13/6	SUCT_FLOW_LL	Global		
B15:13/7	ENG_OVERCRANK	Global		
B15:13/8	TACH_FAIL	Global		
B15:13/9	PMP_SEAL_P_LL	Global		
B15:13/10	PMP_SEAL_LV_LL	Global		
B15:13/11	RAD_H2O_LV_LL	Global		
B15:13/12	AFTR_COOL_LV_LL	Global		
B15:13/13	ESD_PB	Global		
B16:79/0			para borrar	
B251:0/0	DH_ENG_RUNNING	Global		
B251:0/1	DH_S_VLV_OPEN	Global		
B251:0/2	DH_S_VLV_OPEN_F	Global		
B251:0/3	DH_D_VLV_OPEN	Global		
B251:0/4	DH_D_VLV_OPEN_F	Global		
B251:0/5	DH_ALARM	Global		
B251:0/6	DH_ENG_SD	Global		
B251:0/7	DH_S_VLV_CLOSED	Global		
B251:0/8	DH_S_VLV_CLOSE_F	Global		
B251:0/9	DH_D_VLV_CLOSED	Global		
B251:0/10	DH_D_VLV_CLOSE_F	Global		
B251:0/14	DH_PURG_ON_MIRROR	Global		
B251:0/15	THIS_PLC_ON	Global		
C5:0			Engine Hours 100ths Counter	
C5:1			Engine Hours 10ths Counter	
C5:2			Engine Hours Hours Counter	
F8:0	ENG_HOURS	Global	Engine Hours	
F8:1	TEST_MIN	Global		
I:1/0	ESD_PB_DI	Global	Emergency Shutdown	
I:1/1	SE_50	Global	Engine Overspeed Relay #1	
I:1/2	CRANK_DISCONNECT_SE51	Global	Crank Disconnect Relay #2	
I:1/3	ENG_VIB	Global	Engine Vibration HI HI vshh-41	
I:1/4	P53_MOTOR_ON_DI	Global		
I:1/5	P53_MOTOR_PWR	Global		
I:1/6	RESET_PB	Global		
I:1/7	GEAR_BOX_LSL	Global	Gearbox Oil Level Low-Low	
I:1/8	PMP_VIBRT_HH_DI	Global		
I:1/9	GEAR_BOX_VIB	Global	Gear Box Case Vibration VSHH-43	
I:1/10	FAN_VIB_VSHH_42	Global	Fan Vibration High High VSHH-42	
I:1/11	SEAL_BARRIER_FLD	Global	Seal Barrier Fluid Pressure LO LO PSL-60	
I:1/12	ENG_COOL_LVL_LOLO	Global	Engine Coolant LO LO LSL-30	
I:1/13	SEAL_BARRIER_FLD_LVL	Global	Seal Barrier Fluid Level LO LO LSL-30	
I:1/14	TBUBR_COOL_LVL	Global	Turbo After Coolant Lo Lo LSL-31	
I:1/15	ENG_OIL_LVL	Global	Engine Oil Level LO LO	
I:3.0			Engine Oil Pressure	
I:3.1			Fuel Gas Pressure	

## Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
I:3.2			Gear Box Oil Pressure	
I:3.3			Exhaust Stack Temp	
I:3.4			Pump Vibration	
I:3.5			Pump Suction Pressure	
I:3.6			Pump Discharge Pressure	
I:3.7			Spare	
I:3/140	PT_1_F_I	Global	I:3.0 Open Circuit	
I:3/156			I:3.1 Open Circuit	
I:3/172	PT_3_F_I	Global	I:3.2 Open Circuit	
I:3/188			I:3.3 Open Circuit	
I:3/204			I:3.4 Open Circuit	
I:3/220			I:3.5 Open Circuit	
I:3/236			I:3.6 Open Circuit	
I:3/252			I:3.7 Open Circuit	
I:4.0	JCKT_H2O_TEMP	Global	Jacket Water Temperature	
I:4.1	ENG_OIL_TMP	Global	Engine Oil Temperature	
I:4.2	INLET_MANIFOLD	Global	Inlet Manifold Air Temperature TE-22	
I:4.3	PUMP_BOX_TMP	Global	Pump Thrust Temp TE-26	
I:4/77	ENG_OIL_TEMP_F_DI	Global	I:4.0 Circuit Error	
I:4/93	EHG_H2O_TEMP_F_DI	Global	I:4.1 Circuit Error	
I:4/109	INLET_MANIFLD_T_F	Global	I:4.2 Circuit Error	
I:4/125	PMP_TEMP_F	Global	I:4.3 Circuit Error	
I:5.0	GEAR_LUBE_OIL_TMP	Global	Gear Box Oil Temperature	
I:5.1	PMP_INBRD_TMP	Global	Pump Inboard Bearing Temperature	
I:5.2	PMP_OUTBRD_TMP	Global	Pump Outboard Bearing Temperature TE-25	
I:5/77	GEAR_LUBE_OIL_T_F	Global	I:5.0 Circuit Error	
I:5/93	PMP_INBRD_TMP_F	Global	I:5.1 Circuit Error	
I:5/109	PMP_OUTBRD_TMP_F	Global	I:5.2 Circuit Error	
I:6.0				
I:6/0	SUCT_VLV_O_I	Global	SUCT VALVE OPEN	
I:6/1	SUCT_VLV_CLOSED	Global	SUCT VALVE CLOSED	
I:6/2	DISCH_VLV_O_I	Global	DISCH VALVE OPENED	
I:6/3	DISCH_VLV_C_I	Global	DISCH VALVE CLOSED	
I:6/4	FS_1_I	Global	PUMP SUCTION LOW FLOW	
I:6/5	LOCAL_STP_PB	Global		
I:6/6	LOCAL_STR_PB	Global		
I:6/7	MAN_START_EN	Global		
N7:0	RPM_SPEED_PID	Global		
N7:1	SPEED_FOR_AO	Global		
N7:2	SPEED_SP	Global		
N7:3	STARTUP_SPEED_SP	Global		
N7:4	SPEED_SP_INTERMED	Global		
N7:5	SPEED_CONTROL	Global		
N7:10	SPEED_MIN_RANGE	Global		
N7:11	SPEED_MAX_RANGE	Global		
N7:12			SPEED MIN PID SP	
N7:13			SPEED MAX PID SP	
N7:14	SPEED_PID_PV	Global		
N7:15	SPEED_PID_CV	Global		
N7:20	RUN_SPEED_MIN	Global		
N7:30	SPEEP_MIN_SP_PV	Global		
N7:31				
N7:32				
N7:33			PanelView Discharge PSHH Setpoint	
N7:35				
N7:36			DH+ NODE ADDRESS (DECIMAL)	
N7:37			JUNK REGISTER	
N9:0	ENG_OIL_PRSS	Global		
N9:1	ENG_OIL_TEMP	Global		
N9:2	GEAR_OIL_PRSS	Global		
N9:3	GEAR_OIL_TEMP	Global		
N9:4	ENG_H2O_TEMP	Global		
N9:5	ENG_GAS_PRSS	Global		
N9:6	PMP_INBRD_TEMP	Global		
N9:7	PMP_OUTBRD_TEMP	Global		
N9:8	PMP_SUCT_PRSS	Global		
N9:9	PMP_DISCH_PRSS	Global		
N9:10	ENG_AIR_TEMP	Global		
N9:11	PMP_BOX_TEMP	Global		
N9:12	ENG_INLT_AIR_PRSS	Global		
N9:13	ENG_RPM	Global		
N9:14	ENG_EXHAUST_TMP	Global		
N9:15	PMP_VIBRATION	Global		
N9:20	ENG_POWER	Global		
N9:21	PLC_DH_NODE_ADRSS	Global		
N19:0	PV_PASSWORD	Global	PanelView Password	
N19:1	TEST_TIME	Global	time remaining in test to panelview	
N19:6	PV_DISCH_PAH_SP	Global	PanelView Discharge PAH Setpoint	
N19:8	DISCH_PAH_SP	Global		
N19:9	DISCH_PSHH_SP	Global		
N19:10	MOTOR_STATUS	Global	Pump Mode	
N19:11	STATION_MODE	Global	Station Mode	
N19:12			Starting Temp Word	
N19:13			Running Temp Word	
N19:14			Stopping Temp Word	
N19:15			Station Off Temp Word	
N19:16			Station In Local Temp Word	

## Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
N19:17			Station In Remote Temp Word	
N51:0	ENG_OIL_PRSS_LL_SP	Global		
N51:2	GEAR_OIL_PRSS_LL_SP	Global		
N51:8	PMP_S_PRSS_LL_SP	Global		
N51:10				
N51:16	CRU_PMP_S_PRSS_LL_SP	Global		
N51:17	GLP_PMP_S_PRSS_LL_SP	Global		
N52:0	ENG_OIL_PRSS_L_SP	Global		
N52:2	GEAR_OIL_PRSS_L_SP	Global		
N52:5	ENG_GAS_PRSS_L_SP	Global		
N52:8	PMP_S_PRSS_L_SP	Global		
N52:12	ENG_INLT_AIR_PR_L_SP	Global		
N52:16	CRU_PMP_S_PRSS_L_SP	Global		
N52:17	GLP_PMP_S_PRSS_L_SP	Global		
N53:1	ENG_OIL_TMP_H_SP	Global		
N53:3	GEAR_OIL_TMP_H_SP	Global		
N53:4	ENG_H2O_TMP_H_SP	Global		
N53:5	ENG_GAS_PRSS_H_SP	Global		
N53:6	PMP_INBRD_TMP_H_SP	Global		
N53:7	PMP_OUTBRD_TMP_H_SP	Global		
N53:9	PMP_DISCH_PRSS_H_SP	Global		
N53:10	ENG_AIR_TEMP_H_SP	Global		
N53:11	PMP_BOX_TEMP_H_SP	Global		
N53:12	ENG_AIR_PRSS_H_SP	Global		
N53:13	ENG_RPM_H_SP	Global		
N53:14	ENG_EXHUST_TMP_H_SP	Global		
N53:15	PMP_VIBRATION_H_SP	Global		
N54:1	ENG_OIL_TMP_HH_SP	Global		
N54:3	GEAR_OIL_TMP_HH_SP	Global		
N54:4	ENG_H2O_TMP_HH_SP	Global		
N54:6	PMP_INBRD_TMP_HH_SP	Global		
N54:7	PMP_OUTBRD_TMP_HH_SP	Global		
N54:9	PMP_DISCH_PRSS_HH_SP	Global		
N54:10	ENG_AIR_TEMP_HH_SP	Global		
N54:11	PMP_BOX_TEMP_HH_SP	Global		
N54:13	ENG_RPM_HH_SP	Global		
N54:14	ENG_EXHUST_TMP_HH_SP	Global		
N54:15	PMP_VIBRATION_HH_SP	Global		
N55:0	SIM_ENG_OIL_PRSS	Global		
N55:1	SIM_ENG_OIL_TEMP	Global		
N55:2	SIM_GEAR_OIL_PRSS	Global		
N55:3	SIM_GEAR_OIL_TEMP	Global		
N55:4	SIM_ENG_H2O_TEMP	Global		
N55:5	SIM_ENG_GAS_PRSS	Global		
N55:6	SIM_PMP_INBRD_TEMP	Global		
N55:7	SIM_PMP_OUTBRD_TEMP	Global		
N55:8	SIM_PMP_SUCTION_PRSS	Global		
N55:9	SIM_PMP_DISCH_PRSS	Global		
N55:10	SIM_ENG_AIR_TEMP	Global		
N55:11	SIM_PMP_BOX_TEMP	Global		
N55:12	SIM_ENG_INLT_AIR_PRSS	Global		
N55:13	SIM_ENG_RPM	Global		
N55:14	SIM_ENG_EXHAUST_TEMP	Global		
N55:15	SIM_PMP_VIBRATION	Global		
N60:0/1	SPEED_PID_IS_IN_MAN	Global		
N60:2	SPEED_PID_SP	Global		
N60:3	SPEED_PID_KC	Global		
N60:4	SPEED_PID_TI	Global		
N60:5	SPEED_PID_TD	Global		
N60:7	SPPED_PID_SP_MAX	Global		
N60:8	SPEED_PID_SP_MIN	Global		
N60:9	SPEED_PID_DBAND	Global		
N60:13	SPEED_PID_UPDATE	Global		
O:2/0				
O:2/1				
O:2/2				
O:2/3				
O:2/4	SUCT_VLV_CMND	Global		
O:2/5	DISCH_VLV_CMND	Global		
O:3.0				
O:3/0				
O:4.0				
O:4.1				
O:5.0				
O:8.0	SPEED_CONTROL_AO	Global		
O:9/0	FUEL	Global	Fuel Solenoid	
O:9/1	STARTING_SOLENOID	Global	Starting Solenoid	
O:9/2	IGNITION	Global	Ignition Power	
O:9/3	LITE_OUT	Global	PERMISS OK PANEL LITE	
S:0			Arithmetic Flags	
S:0/0			Processor Arithmetic Carry Flag	
S:0/1			Processor Arithmetic Underflow/ Overflow Flag	
S:0/2			Processor Arithmetic Zero Flag	
S:0/3			Processor Arithmetic Sign Flag	
S:1			Processor Mode Status/ Control	
S:1/0			Processor Mode Bit 0	
S:1/1			Processor Mode Bit 1	

## Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
S:1/2			Processor Mode Bit 2	
S:1/3			Processor Mode Bit 3	
S:1/4			Processor Mode Bit 4	
S:1/5			Forces Enabled	
S:1/6			Forces Present	
S:1/7			Comms Active	
S:1/8			Fault Override at Powerup	
S:1/9			Startup Protection Fault	
S:1/10			Load Memory Module on Memory Error	
S:1/11			Load Memory Module Always	
S:1/12			Load Memory Module and RUN	
S:1/13			Major Error Halted	
S:1/14			Access Denied	
S:1/15			First Pass	
S:2/0			STI Pending	
S:2/1			STI Enabled	
S:2/2			STI Executing	
S:2/3			Index Addressing File Range	
S:2/4			Saved with Debug Single Step	
S:2/5			DH-485 Incoming Command Pending	
S:2/6			DH-485 Message Reply Pending	
S:2/7			DH-485 Outgoing Message Command Pending	
S:2/15			Comms Servicing Selection	
S:3			Current Scan Time/ Watchdog Scan Time	
S:4			Time Base	
S:5/0			Overflow Trap	
S:5/2			Control Register Error	
S:5/3			Major Err Detected Executing UserFault Routine	
S:5/4			M0-M1 Referenced on Disabled Slot	
S:5/8			Memory Module Boot	
S:5/9			Memory Module Password Mismatch	
S:5/10			STI Overflow	
S:5/11			Battery Low	
S:6			Major Error Fault Code	
S:7			Suspend Code	
S:8			Suspend File	
S:9			Active Nodes	
S:10			Active Nodes	
S:11			I/O Slot Enables	
S:12			I/O Slot Enables	
S:13			Math Register	
S:14			Math Register	
S:15			Node Address/ Baud Rate	
S:16			Debug Single Step Rung	
S:17			Debug Single Step File	
S:18			Debug Single Step Breakpoint Rung	
S:19			Debug Single Step Breakpoint File	
S:20			Debug Fault/ Powerdown Rung	
S:21			Debug Fault/ Powerdown File	
S:22			Maximum Observed Scan Time	
S:23			Average Scan Time	
S:24			Index Register	
S:25			I/O Interrupt Pending	
S:26			I/O Interrupt Pending	
S:27			I/O Interrupt Enabled	
S:28			I/O Interrupt Enabled	
S:29			User Fault Routine File Number	
S:30			STI Setpoint	
S:31			STI File Number	
S:32			I/O Interrupt Executing	
S:33			Extended Proc Status Control Word	
S:33/0			Incoming Command Pending	
S:33/1			Message Reply Pending	
S:33/2			Outgoing Message Command Pending	
S:33/3			Selection Status User/DF1	
S:33/4			Communicat Active	
S:33/5			Communicat Servicing Selection	
S:33/6			Message Servicing Selection Channel 0	
S:33/7			Message Servicing Selection Channel 1	
S:33/8			Interrupt Latency Control Flag	
S:33/9			Scan Toggle Flag	
S:33/10			Discrete Input Interrupt Reconfigur Flag	
S:33/11			Online Edit Status	
S:33/12			Online Edit Status	
S:33/13			Scan Time Timebase Selection	
S:33/14			DTR Control Bit	
S:33/15			DTR Force Bit	
S:34			Pass-thru Disabled	
S:34/0			Pass-Thru Disabled Flag	
S:34/1			DH+ Active Node Table Enable Flag	
S:34/2			Floating Point Math Flag	
S:34/3			Global Status Word Transmit Enable	
S:34/4			Global Status Word Receive Enable	
S:35			Last 1 ms Scan Time	
S:36			Extended Minor Error Bits	
S:36/8			Dll Lost	
S:36/9			STI Lost	

## Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
S:36/10			Memory Module Data File Overwrite Protection	
S:37			Clock Calendar Year	
S:38			Clock Calendar Month	
S:39			Clock Calendar Day	
S:40			Clock Calendar Hours	
S:41			Clock Calendar Minutes	
S:42			Clock Calendar Seconds	
S:43			STI Interrupt Time	
S:44			I/O Event Interrupt Time	
S:45			Dll Interrupt Time	
S:46			Discrete Input Interrupt- File Number	
S:47			Discrete Input Interrupt- Slot Number	
S:48			Discrete Input Interrupt- Bit Mask	
S:49			Discrete Input Interrupt- Compare Value	
S:50			Processor Catalog Interrupt- Preset	
S:51			Discrete Input Interrupt- Return Number	
S:52			Discrete Input Interrupt- Accumulat	
S:53			Discrete Input Interrupt- Timer	
S:54			Discrete Input Interrupt- Timer	
S:55			Last Dll Scan Time	
S:56			Maximum Observed Dll Scan Time	
S:57			Operating System Catalog Number	
S:58			Operating System Series	
S:59			Operating System FRN	
S:61			Processor Series	
S:62			Processor Revision	
S:63			User Program Type	
S:64			User Program Functional Index	
S:65			User RAM Size	
S:66			Flash EEPROM Size	
S:67			Channel 0 Active Nodes	
S:68			Channel 0 Active Nodes	
S:69			Channel 0 Active Nodes	
S:70			Channel 0 Active Nodes	
S:71			Channel 0 Active Nodes	
S:72			Channel 0 Active Nodes	
S:73			Channel 0 Active Nodes	
S:74			Channel 0 Active Nodes	
S:75			Channel 0 Active Nodes	
S:76			Channel 0 Active Nodes	
S:77			Channel 0 Active Nodes	
S:78			Channel 0 Active Nodes	
S:79			Channel 0 Active Nodes	
S:80			Channel 0 Active Nodes	
S:81			Channel 0 Active Nodes	
S:82			Channel 0 Active Nodes	
S:83			DH+ Active Nodes	
S:83/8			SAMAIPATA SUPERVISOR DH+ NODE 10 ACTIVE	
S:84			DH+ Active Nodes	
S:84/0	DH_20_ACTIVE	Global	OCONI SUP	
S:84/8			BUENA VISTA SUPERVISOR DH+ NODE 30 ACTIVE	
S:85			DH+ Active Nodes	
S:85/0			CARRASCO SUPERVISOR DH+ NODE 40 ACTIVE	
S:86			DH+ Active Nodes	
S:99	BMB_DH_STATUS	Global		
S:99/0			GLOBAL STATUS WORD BIT 0 THIS PLC IS RUNNING	
S:99/1			GLOBAL STATUS WORD BIT 1 THIS ENGINE IS RUNNING	
S:99/2			GLOBAL STATUS WORD BIT 2 THIS ENGINE IS SHUTDOWN	
S:99/4			GLOBAL STATUS WORD ALARM HORN	
S:116			SUP STATUS	
S:116/0	SUP_RUN	Global		
S:116/1	PROD_IS_LPG	Global		
S:116/2	SUP_RESET	Global		
S:116/3	ESD_PURGUE_ON	Global		
S:116/7	SUP_ESD	Global		
S:116/12	BMB1_PURG_VL_OPEN	Global		
S:116/13	BMB2_PURG_VL_OPEN	Global		
S:116/14	BMB3_PURG_VL_OPEN	Global		
S:116/15	BMB4_PURG_VL_OPEN	Global		
T4:0	ENG_OIL_PRS_TMR	Global		
T4:0/DN				
T4:1	ENG_OIL_TEMP_TMR	Global		
T4:1/DN				
T4:2	GEAR_OIL_PRES_TMR	Global		
T4:2/DN				
T4:3	GEAR_OIL_TEMP_TMR	Global		
T4:3/DN				
T4:4			Engine Hours 100ths Timer	
T4:5	ENG_H2O_TEMP_TMR	Global		
T4:6	PMP_INBRD_TEMP_TMR	Global		
T4:7	PMP_OUTBRD_TEMP_TMR	Global		
T4:8	PMP_SUCT_PRS_TMR	Global		
T4:9	PMP_DISCH_PRS_TMR	Global		
T4:10	ENG_AIR_TEMP_TMR	Global		
T4:11	PMP_BOX_TEMP_TMR	Global		
T4:13	ENG_RPM_TMR	Global		
T4:14	ENG_EXHAUST_TEMP_TMR	Global		

## Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
T4:15	PMP_VIBRATION_TMR	Global		
T4:16	RAD_H2O_LV_TMR	Global		
T4:17	AFTR_COOL_LV_L_TMR	Global		
T4:18	SUCT_VLV_TMR	Global		
T4:19	DISCH_VLV_TMR	Global		
T4:20	OVR_CRNK_TMR	Global		
T4:21	FUEL_IGN_TMR	Global		
T4:22	STOPPING_TMR	Global		
T4:23	PMP_S_FLOW_TMR	Global		
T4:24	PMP_SEAL_LV_LL_TMR	Global		
T4:30	CLASS_B_TMR	Global		
T4:31	TEST_TMR	Global	Keep the alarms from shutting in while testing	
T4:32	FIRST_PASS_TMR	Global		
U:3			PLC Communication Logic	
U:4			Special Modules logic	
U:5			Analog Input Scalling Logic	
U:6			Analog Variables Simulation Logic	
U:7			Alarm & ShutDown Logic	
U:8			Pump Control Logic	
U:9			Speed Control Logic	
U:10			Suction & Discharge valves Logic	
U:11			Panel View Interface Logic	
U:14			Engine Operation Hrs Count Logic	



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