

DIACOM ® Diagnostic Status Report

08/02/2008 11:43:50

1. VEHICLE CONFIGURATION

Engine Make: jeff starboard
Engine Serial No: N/A
Model Year: N/A
System Type: MerCruiser PCM555

2. PERFORMANCE DATA

<u>Parameter Description</u>	<u>Value</u>
<u>Unit</u>	
Engine Speed	625
RPM	
Available Power	100
%	
Coolant Temperature	163.40
°F	
Fuel Flow Rate	1.39
GPH	
Port Exhst Cool Temp	125.60
°F	
Sea Pump Pressure	3.36
PSI	
Starb Exhst Cool Temp	120.20
°F	
IAC Duty Cycle	38.98
%	
Manifold Absolute Pressure	8.94
PSI	
Trim Position	486
#	
Baro Pressure	13.80
PSI	
Trim Volts	2.43
VDC	
Manifold Air Temperature	111.20
°F	
Pitot ADC	0
#	
Oil Pressure	30.16
PSI	

Paddle Wheel	0
Hz	
Throttle Position	0.00
%	
Sensor Power	5.02
VDC	
Throttle Sensor Voltage	0.54
VDC	
Lake/Sea Temp	431.60
°F	
Spark Advance	-6.81
DEG	
Fuel Level	1022
#	
Battery Voltage	12.46
VDC	

3. TROUBLE CODE STATUS

Current ECM Codes

Freeze Frame Data:

0 FUEL LVL2 CKT H

FF Baro Pressure	13.80
PSI	
FF Battery Volts	9.06
VDC	
FF Sea Pump Pressure	0.94
PSI	
FF Boat Speed	0.00
#	
FF Manifold Air Temp	107.60
°F	
FF Coolant Temp	172.40
°F	
FF Demand	0.12
%	
FF Engine Speed	109
RPM	
FF Engine State	Crank
FF FPC Total	0.0
Counts	

FF Frequency Count	6
FF Fuel Level	0.00
%	
FF Gear Position	In Gear
FF Lake Temp	431.60
°F	
FF Engine Load	0.00
%	
FF Main Pwr Relay Requests	33812.0
FF Manifold Air Pressure	13.94
PSI	
FF Oil Level	0.00
%	
FF Port Tab Pos	0.00
%	
FF Available Power	50
%	
FF Run Time	226.00
hrs	
FF Starboard Tab Pos	0.00
%	
FF TPS Percent	0.12
%	
FF Trim Position	50.15
%	

1 STEER CKT HI

FF Baro Pressure	13.80
PSI	
FF Battery Volts	9.06
VDC	
FF Sea Pump Pressure	0.97
PSI	
FF Boat Speed	0.00
#	
FF Manifold Air Temp	107.60
°F	
FF Coolant Temp	172.40
°F	
FF Demand	0.12
%	
FF Engine Speed	109

RPM	
FF Engine State	Crank
FF FPC Total	0.0
Counts	
FF Frequency Count	6
FF Fuel Level	0.00
%	
FF Gear Position	In Gear
FF Lake Temp	431.60
°F	
FF Engine Load	0.00
%	
FF Main Pwr Relay Requests	33812.0
FF Manifold Air Pressure	13.94
PSI	
FF Oil Level	0.00
%	
FF Port Tab Pos	0.00
%	
FF Available Power	50
%	
FF Run Time	226.00
hrs	
FF Starboard Tab Pos	0.00
%	
FF TPS Percent	0.12
%	
FF Trim Position	50.15
%	

2 FUEL LVL CKT HI

FF Baro Pressure	13.80
PSI	
FF Battery Volts	12.63
VDC	
FF Sea Pump Pressure	3.97
PSI	
FF Boat Speed	0.00
#	
FF Manifold Air Temp	107.60
°F	

FF Coolant Temp	172.40
°F	
FF Demand	0.00
%	
FF Engine Speed	1549
RPM	
FF Engine State	Running
FF FPC Total	16.8
Counts	
FF Frequency Count	6
FF Fuel Level	0.00
%	
FF Gear Position	In Gear
FF Lake Temp	431.60
°F	
FF Engine Load	3.91
%	
FF Main Pwr Relay Requests	33812.0
FF Manifold Air Pressure	4.94
PSI	
FF Oil Level	0.00
%	
FF Port Tab Pos	0.00
%	
FF Available Power	33
%	
FF Run Time	226.00
hrs	
FF Starboard Tab Pos	0.00
%	
FF TPS Percent	0.00
%	
FF Trim Position	50.15
%	
3 PITOT CKT LO	

FF Baro Pressure	13.80
PSI	
FF Battery Volts	12.60
VDC	
FF Sea Pump Pressure	4.10

PSI	
FF Boat Speed	0.00
#	
FF Manifold Air Temp	107.60
°F	
FF Coolant Temp	172.40
°F	
FF Demand	0.00
%	
FF Engine Speed	1515
RPM	
FF Engine State	Running
FF FPC Total	16.6
Counts	
FF Frequency Count	6
FF Fuel Level	0.00
%	
FF Gear Position	In Gear
FF Lake Temp	431.60
°F	
FF Engine Load	3.78
%	
FF Main Pwr Relay Requests	33812.0
FF Manifold Air Pressure	4.90
PSI	
FF Oil Level	0.00
%	
FF Port Tab Pos	0.00
%	
FF Available Power	33
%	
FF Run Time	226.00
hrs	
FF Starboard Tab Pos	0.00
%	
FF TPS Percent	0.00
%	
FF Trim Position	50.15
%	
Fault Log Data	
Fault Descriptions	Seconds

Battery Range High:	0
Battery Range Low:	0
Block Pressure is Low:	0
Compressor Temp Overheat:	0
ETC Motor Open:	0
ETC Motor Short:	0
Fuel Pressure Sensor Input High:	0
Fuel Pressure Sensor Input Low:	0
Guardian Strategy:	0
Knock Sensor 1:	0
Knock Sensor 2:	0
Low Oil Pressure Strategy:	0
Low Oil Remote Strategy:	0
Low Oil Reserve Strategy:	0
MAP Sensor 1 Input High:	0
MAP Sensor 1 Input Low:	0
MAP Sensor 1 Idle Rational:	0
Oil Pump Output:	0
Overspeed:	0
Port Clnt Overheat:	0
Starboard Clnt Overheat:	0
Warning Horn Output:	0
Water In Fuel:	0

Engine Run Time History:

Total engine run time:	226.00	Hours
0 - 749 RPM:	112.72	Hours
750 - 1499 RPM:	44.92	Hours
1500 - 2999 RPM:	19.08	Hours
3000 - 3499 RPM:	14.10	Hours
3500 - 3999 RPM:	13.57	Hours
4000 - 4499 RPM:	8.85	Hours
4500 - 4999 RPM:	9.02	Hours
5000 - 5499 RPM:	3.75	Hours
Over 5499 RPM:	0.00	Hours