

Cat Electronic Technician 2024C v1.0

Product Status Report

2/27/2025 2:00 PM

Product Status Report

Parameter	Value
Engine Serial Number	RPM01139
Equipment ID	IONIAN PRINCESS
Comments	

C32 ACERT Port (RPM01139)

Parameter	Value
Equipment ID	IONIAN PRINCESS
Engine Serial Number	RPM01139
ECM Serial Number	12896027JV
Software Group Part Number	561437000
Software Group Release Date	APR18
Software Group Description	C32_TIER3_A4E4V2

Logged Diagnostic Codes [Diagnostic Clock = 145 hours] - C32 ACERT Port (RPM01139)

Code	Description	Occ.	First	Last
127- 3	Transmission Oil Pressure Sensor : Voltage Above Normal	6	130	130
177- 3	Transmission Oil Temperature Sensor : Voltage Above Normal	1	130	130

Logged Event Codes [Diagnostic Clock = 145 hours] - C32 ACERT Port (RPM01139)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - C32 ACERT Port (RPM01139)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C32 ACERT Port (RPM01139)

Code	Description
No Active Events	

Current Totals - C32 ACERT Port (RPM01139)

Description	Value	Unit
Total Time	145	hours

Total Idle Time	63:30	hours
Total Fuel	2266	gal
Total Idle Fuel	127	gal
Total Max Fuel	15130	gal
Average Load Factor	14	%
Total Operating Hours	146	hours
Engine Starts	103	
Lifetime Total Engine Revolutions	9632696	rev
Percentage Idle Time	43.45	%
Average RPM	1107.21	rpm
Average Fuel Rate	15.62	gal/h
Overall Load Factor	14	%

Configuration - C32 ACERT Port (RPM01139)

Description	Value	Unit
Equipment ID	IONIAN PRINCESS	
Engine Serial Number	RPM01139	
ECM Serial Number	12896027JV	
Software Group Part Number	561437000	
Software Group Release Date	APR18	
Software Group Description	C32_TIER3_A4E4V2	
Rating Number	3	
Rated Power	1900 hp at 2300 rpm	
Rated Peak Torque	5320 lb-ft at 1600 rpm	
Top Engine Speed Range	2415 - 2415 rpm	
Test Spec	0K0000	
Rated Engine Speed	2300rpm	
Engine Location	Port	
Number of Synchronized Engines Configuration	1	
Low Idle Speed	600	rpm
High Idle Speed	2415	rpm
Maximum Trolling Engine Speed	900	rpm
Tachometer Frequency Configuration	113.0	
System Operating Voltage Configuration	Unavailable	
Cold Cylinder Cutout	Enabled	
Torque Limit Enable Status	Disabled	
Maximum Engine Torque Limit	5343	lb-ft
Minimum Engine Torque Limit	4339	lb-ft
Cooldown Speed	600	rpm
Cooldown Duration	0	min
Engine Pre-Lube Duration	0	sec
Crank Duration	30	sec
Maximum Number of Crank Cycles	1	
Crank Terminate RPM	400	rpm
Desired Speed Input Configuration	PWM	
Secondary Desired Speed Input Configuration	Not Installed	

Tertiary Desired Speed Input Configuration	Not Installed	
Transmission Oil Temperature Sensor Installation Status	Installed	
Transmission Oil Pressure Sensor Installation Status	Installed	
Coolant Level Sensor	Installed	
Fuel Level Sensor Installation Status	Not Installed	
Aftercooler Coolant Level Sensor Installation Status	Not Installed	
Engine Oil Temperature Sensor Installation Status	Installed	
Engine Coolant Pressure Sensor Installation Status	Not Installed	
Unfiltered Engine Oil Pressure Sensor Installation Status	Not Installed	
Unfiltered Fuel Pressure Sensor Installation Status	Not Installed	
Engine Oil Level Sensor Installation Status	Not Installed	
Left Exhaust Temperature Sensor Installation Status	Not Installed	
Right Exhaust Temperature Sensor Installation Status	Not Installed	
High Exhaust Temperature Warning System Enable Status	Disabled	
Engine Oil Capacity	36.5	gal
Fuel Correction Factor	0	%
Maintenance Indicator Mode	Off	
PM1 Interval	0	gal
Governor Gain Factor #1	5080	
Governor Minimum Stability Factor #1	191	
Governor Maximum Stability Factor #1	573	
FLS	-9	
FTS	8	
Customer Password #1	*****	
Customer Password #2	*****	
Total Tattletale	31	

Lifetime: Time vs Engine Coolant Temperature - C32 ACERT Port (RPM01139)

Engine Coolant Temperature(Deg F)	hours	%
<122.0	14.40	9.98
122.0-130.0	6.70	4.64
131.0-139.0	10.95	7.59
140.0-148.0	6.40	4.43
149.0-157.0	4.30	2.98
158.0-166.0	4.35	3.01
167.0-175.0	23.80	16.49
176.0-184.0	64.65	44.79
185.0-193.0	2.10	1.45
194.0-202.0	4.15	2.87
203.0-211.0	2.20	1.52

212.0-220.0	0.30	0.21
221.0-229.0	0.05	0.03
230.0-238.0	0.00	0.00
239.0-247.0	0.00	0.00
>248.0	0.00	0.00

Lifetime: Time vs Inlet Air Temperature - C32 ACERT Port (RPM01139)

Inlet Air Temperature(Deg F)	hours	%
<104.0	124.10	85.85
104.0-112.0	13.85	9.58
113.0-121.0	4.60	3.18
122.0-130.0	0.75	0.52
131.0-139.0	0.55	0.38
140.0-148.0	0.45	0.31
149.0-157.0	0.25	0.17
158.0-166.0	0.00	0.00
167.0-175.0	0.00	0.00
176.0-184.0	0.00	0.00
185.0-193.0	0.00	0.00
194.0-202.0	0.00	0.00
203.0-211.0	0.00	0.00
>212.0	0.00	0.00

Lifetime: Time vs Boost Pressure - C32 ACERT Port (RPM01139)

Boost Pressure(psi)	hours	%
<11.6	128.05	88.65
11.6-12.1	9.20	6.37
13.1-13.5	1.10	0.76
14.5-15.0	0.25	0.17
16.0-16.4	0.10	0.07
17.4-17.9	0.40	0.28
18.9-19.3	1.85	1.28
20.3-20.8	0.65	0.45
21.8-22.2	0.00	0.00
23.2-23.7	0.00	0.00
24.7-25.1	0.35	0.24
26.1-26.6	0.45	0.31
27.6-28.0	0.25	0.17
>29.0	1.80	1.25

Lifetime: Time vs Engine Speed And Engine Load Factor - C32 ACERT Port (RPM01139)

rpm	<1100	1100-1299	1300-1499	1500-1699	1700-1899	1900-2099	2100-2299	>2300	Total
%									
<50.0	74.35	5.80	6.25	44.85	9.80	0.00	0.00	0.05	141.10
50.0-59.9	0.05	0.00	0.00	0.00	0.05	0.95	0.00	0.00	1.05
60.0-69.9	0.00	0.00	0.00	0.00	0.10	0.15	0.10	0.00	0.35

70.0-79.9	0.00	0.00	0.00	0.00	0.00	0.05	0.25	0.00	0.30
80.0-89.9	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.20
>90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.45	0.75
Total	74.40	5.80	6.25	44.85	9.95	1.15	0.75	0.60	143.75

Lifetime: Total Occurrences vs Engine Speed - C32 ACERT Port (RPM01139)

Engine Speed(rpm)	Count	%
<2500.0	0	0.00
2500.0-2599.0	0	0.00
2600.0-2699.0	0	0.00
2700.0-2799.0	0	0.00
2800.0-2899.0	0	0.00
2900.0-2999.0	0	0.00
3000.0-3099.0	0	0.00
3100.0-3199.0	0	0.00
3200.0-3299.0	0	0.00
3300.0-3399.0	0	0.00
>3400.0	0	0.00

Lifetime: Time vs Engine Speed - C32 ACERT Port (RPM01139)

Engine Speed(rpm)	hours	%
<1100.0	74.55	51.59
1100.0-1299.0	5.90	4.08
1300.0-1499.0	6.30	4.36
1500.0-1699.0	44.95	31.11
1700.0-1899.0	10.05	6.96
1900.0-2099.0	1.30	0.90
2100.0-2299.0	0.85	0.59
>2300.0	0.60	0.42

Lifetime: Time vs Engine Load Factor - C32 ACERT Port (RPM01139)

Engine Load Factor(%)	hours	%
<50.0	141.30	97.72
50.0-59.0	1.25	0.86
60.0-69.0	0.55	0.38
70.0-79.0	0.40	0.28
80.0-89.0	0.25	0.17
>90.0	0.85	0.59

Trip: Time vs Engine Speed - C32 ACERT Port (RPM01139)

Engine Speed(rpm)	hours	%
<1100.0	74.55	51.59
1100.0-1299.0	5.90	4.08
1300.0-1499.0	6.30	4.36
1500.0-1699.0	44.95	31.11
1700.0-1899.0	10.05	6.96
1900.0-2099.0	1.30	0.90

2100.0-2299.0	0.85	0.59
>2300.0	0.60	0.42

Trip: Time vs Engine Load Factor - C32 ACERT Port (RPM01139)

Engine Load Factor(%)	hours	%
<50.0	141.30	97.72
50.0-59.0	1.25	0.86
60.0-69.0	0.55	0.38
70.0-79.0	0.40	0.28
80.0-89.0	0.25	0.17
>90.0	0.85	0.59

Lifetime: Time vs Fuel Pressure - C32 ACERT Port (RPM01139)

Fuel Pressure(psi)	hours	%
<72.5	0.00	0.00
72.5-74.4	0.00	0.00
75.4-77.3	0.00	0.00
78.3-80.2	1.15	0.80
81.2-83.1	48.45	33.56
84.1-86.0	11.95	8.28
87.0-88.9	2.70	1.87
89.9-91.8	2.70	1.87
92.8-94.7	4.95	3.43
95.7-97.6	4.05	2.81
98.6-100.5	2.30	1.59
101.5-103.4	7.75	5.37
104.4-106.3	37.10	25.70
>107.3	21.25	14.72

Lifetime: Time vs Turbo Inlet Temperature And Inlet Air Temperature - C32 ACERT Port (RPM01139)

Deg F	<104	104-112	113-121	122-130	131-139	>140	Total
Deg F							
<140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0-148.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.0-157.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.0-166.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.0-175.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Injector Trim Calibration - C32 ACERT Port (RPM01139)

Injector	Serial Number	File Version
Injector1	000000005A538259456D	0
Injector2	000000005A5382595164	0

Injector3	000000005A5382594949	0
Injector4	000000005A5382596749	0
Injector5	000000005A5382592301	0
Injector6	000000005A5382593922	0
Injector7	000000005A5382595578	0
Injector8	000000005A538259360F	0
Injector9	000000005A53825899CB	0
Injector10	000000005A538259536A	0
Injector11	000000005A538266691E	0
Injector12	000000005A5382594278	0

Monitoring System - C32 ACERT Port (RPM01139)

Description	State	Trip Point	Delay Time
<u>Engine Overspeed</u>			
Least Severe (1)	Always On	2645 rpm	0 sec
Most Severe (3)	Off	2645 rpm	0 sec
<u>High Engine Coolant Temperature</u>			
Least Severe (1)	Always On	210 Deg F	30 sec
Moderate Severity (2)	On	219 Deg F	30 sec
Most Severe (3)	Off	228 Deg F	30 sec
<u>High Engine Inlet Air Temperature</u>			
Least Severe (1)	Always On	167.0 Deg F	30 sec
Moderate Severity (2)	Off	176.0 Deg F	30 sec
Most Severe (3)	Off	185.0 Deg F	30 sec
<u>High Engine Oil Temperature</u>			
Least Severe (1)	On	226 Deg F	5 sec
Moderate Severity (2)	Off	230 Deg F	30 sec
Most Severe (3)	Off	239 Deg F	30 sec
<u>High Exhaust Temperature</u>			
Least Severe (1)	On	1310 Deg F	10 sec
Moderate Severity (2)	On	1328 Deg F	10 sec
Most Severe (3)	Off	1328 Deg F	10 sec
<u>High Fuel Filter Restriction Pressure</u>			
Least Severe (1)	On	35 psi	30 sec
<u>High Fuel Pressure</u>			
Least Severe (1)	On	None	2 sec
Most Severe (3)	Off	None	30 sec
<u>High Fuel Temperature</u>			
Least Severe (1)	On	143.6 Deg F	30 sec
Most Severe (3)	Off	179.6 Deg F	120 sec
<u>High Oil Filter Differential Pressure</u>			
Least Severe (1)	On	16 psi	30 sec
<u>High Transmission Oil Pressure</u>			

Least Severe (1)	On	350 psi	10 sec
High Transmission Oil Temperature			
Least Severe (1)	On	203 Deg F	10 sec
Low Aftercooler Coolant Level			
Least Severe (1)	On	None	30 sec
Moderate Severity (2)	Off	None	30 sec
Most Severe (3)	Off	None	30 sec
Low Coolant Level			
Least Severe (1)	On	None	30 sec
Moderate Severity (2)	On	None	30 sec
Most Severe (3)	Off	None	30 sec
Low Engine Coolant Pressure			
Least Severe (1)	On	None	30 sec
Moderate Severity (2)	On	None	130 sec
Low Engine Oil Level			
Least Severe (1)	On	None	30 sec
Moderate Severity (2)	Off	None	30 sec
Low Engine Oil Pressure			
Least Severe (1)	Always On	None	30 sec
Moderate Severity (2)	On	None	30 sec
Most Severe (3)	Off	None	30 sec
Low Fuel Level			
Least Severe (1)	Off	13 %	300 sec
Low Fuel Pressure			
Least Severe (1)	On	None	30 sec
Most Severe (3)	Off	None	30 sec
Low Transmission Oil Pressure			
Least Severe (1)	Off	29 psi	5 sec
Moderate Severity (2)	Off	29 psi	5 sec
Most Severe (3)	Off	29 psi	5 sec

Trip Segment - C32 ACERT Port (RPM01139)

Description	Value	Unit
Time	145:55	hours
Fuel	2265.5	gal
% Idle Time	44	%
Idle Fuel	127.3	gal

Maintenance Indicator - C32 ACERT Port (RPM01139)

Description	Service Status	Value	Unit
PM1	---	Unavailable	
PM2	---	Unavailable	
Coolant Flush/Fill	---	Unavailable	

C32 ACERT Starboard (RPM01142)

Parameter	Value
Equipment ID	IONIAN PRINCESS
Engine Serial Number	RPM01142
ECM Serial Number	12899860JV
Software Group Part Number	561437000
Software Group Release Date	APR18
Software Group Description	C32_TIER3_A4E4V2

Logged Diagnostic Codes [Diagnostic Clock = 144 hours] - C32 ACERT Starboard (RPM01142)

Code	Description	Occ.	First	Last
127- 3	Transmission Oil Pressure Sensor : Voltage Above Normal	4	129	129
177- 3	Transmission Oil Temperature Sensor : Voltage Above Normal	1	129	129

Logged Event Codes [Diagnostic Clock = 144 hours] - C32 ACERT Starboard (RPM01142)

Code	Description	Occ.	First	Last
E105 (2)	Turbocharger Turbine Inlet Air Temperature High	3	125	126

Active Diagnostic Codes - C32 ACERT Starboard (RPM01142)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C32 ACERT Starboard (RPM01142)

Code	Description
No Active Events	

Current Totals - C32 ACERT Starboard (RPM01142)

Description	Value	Unit
Total Time	144	hours
Total Idle Time	62:15	hours
Total Fuel	2363	gal
Total Idle Fuel	126	gal
Total Max Fuel	15017	gal
Average Load Factor	15	%
Total Operating Hours	145	hours
Engine Starts	123	
Lifetime Total Engine Revolutions	9652784	rev
Percentage Idle Time	43.06	%
Average RPM	1117.22	rpm
Average Fuel Rate	16.40	gal/h
Overall Load Factor	15	%

Configuration - C32 ACERT Starboard (RPM01142)

Description	Value	Unit
-------------	-------	------

Equipment ID	IONIAN PRINCESS	
Engine Serial Number	RPM01142	
ECM Serial Number	12899860JV	
Software Group Part Number	561437000	
Software Group Release Date	APR18	
Software Group Description	C32_TIER3_A4E4V2	
Rating Number	3	
Rated Power	1900 hp at 2300 rpm	
Rated Peak Torque	5320 lb-ft at 1600 rpm	
Top Engine Speed Range	2415 - 2415 rpm	
Test Spec	0K0000	
Rated Engine Speed	2300rpm	
Engine Location	Starboard	
Number of Synchronized Engines Configuration	1	
Low Idle Speed	600	rpm
High Idle Speed	2415	rpm
Maximum Trolling Engine Speed	900	rpm
Tachometer Frequency Configuration	113.0	
System Operating Voltage Configuration	Unavailable	
Cold Cylinder Cutout	Enabled	
Torque Limit Enable Status	Disabled	
Maximum Engine Torque Limit	4499	lb-ft
Minimum Engine Torque Limit	4339	lb-ft
Cooldown Speed	600	rpm
Cooldown Duration	0	min
Engine Pre-Lube Duration	0	sec
Crank Duration	30	sec
Maximum Number of Crank Cycles	1	
Crank Terminate RPM	400	rpm
Desired Speed Input Configuration	PWM	
Secondary Desired Speed Input Configuration	Not Installed	
Tertiary Desired Speed Input Configuration	Not Installed	
Transmission Oil Temperature Sensor Installation Status	Installed	
Transmission Oil Pressure Sensor Installation Status	Installed	
Coolant Level Sensor	Installed	
Fuel Level Sensor Installation Status	Not Installed	
Aftercooler Coolant Level Sensor Installation Status	Not Installed	
Engine Oil Temperature Sensor Installation Status	Installed	
Engine Coolant Pressure Sensor Installation Status	Not Installed	
Unfiltered Engine Oil Pressure Sensor Installation Status	Not Installed	
Unfiltered Fuel Pressure Sensor Installation Status	Not Installed	

Engine Oil Level Sensor Installation Status	Not Installed	
Left Exhaust Temperature Sensor Installation Status	Not Installed	
Right Exhaust Temperature Sensor Installation Status	Not Installed	
High Exhaust Temperature Warning System Enable Status	Disabled	
Engine Oil Capacity	36.5	gal
Fuel Correction Factor	0	%
Maintenance Indicator Mode	Off	
PM1 Interval	0	gal
Governor Gain Factor #1	5080	
Governor Minimum Stability Factor #1	191	
Governor Maximum Stability Factor #1	573	
FLS	-26	
FTS	30	
Customer Password #1	*****	
Customer Password #2	*****	
Total Tattletale	22	

Lifetime: Time vs Engine Coolant Temperature - C32 ACERT Starboard (RPM01142)

Engine Coolant Temperature(Deg F)	hours	%
<122.0	13.05	9.14
122.0-130.0	4.75	3.33
131.0-139.0	5.35	3.75
140.0-148.0	8.45	5.92
149.0-157.0	7.00	4.90
158.0-166.0	5.55	3.89
167.0-175.0	17.45	12.22
176.0-184.0	79.75	55.83
185.0-193.0	1.00	0.70
194.0-202.0	0.15	0.11
203.0-211.0	0.20	0.14
212.0-220.0	0.05	0.04
221.0-229.0	0.05	0.04
230.0-238.0	0.00	0.00
239.0-247.0	0.00	0.00
>248.0	0.05	0.04

Lifetime: Time vs Inlet Air Temperature - C32 ACERT Starboard (RPM01142)

Inlet Air Temperature(Deg F)	hours	%
<104.0	120.80	84.45
104.0-112.0	15.70	10.98
113.0-121.0	1.00	0.70
122.0-130.0	3.30	2.31
131.0-139.0	1.75	1.22
140.0-148.0	0.25	0.17
149.0-157.0	0.10	0.07

158.0-166.0	0.10	0.07
167.0-175.0	0.05	0.03
176.0-184.0	0.00	0.00
185.0-193.0	0.00	0.00
194.0-202.0	0.00	0.00
203.0-211.0	0.00	0.00
>212.0	0.00	0.00

Lifetime: Time vs Boost Pressure - C32 ACERT Starboard (RPM01142)

Boost Pressure(psi)	hours	%
<11.6	122.70	85.89
11.6-12.1	9.70	6.79
13.1-13.5	1.95	1.37
14.5-15.0	0.25	0.18
16.0-16.4	0.65	0.46
17.4-17.9	1.80	1.26
18.9-19.3	2.75	1.93
20.3-20.8	0.15	0.11
21.8-22.2	0.00	0.00
23.2-23.7	0.00	0.00
24.7-25.1	0.70	0.49
26.1-26.6	0.05	0.04
27.6-28.0	0.10	0.07
>29.0	2.05	1.44

Lifetime: Time vs Engine Speed And Engine Load Factor - C32 ACERT Starboard (RPM01142)

rpm	<1100	1100-1299	1300-1499	1500-1699	1700-1899	1900-2099	2100-2299	>2300	Total
%									
<50.0	71.10	6.45	3.60	45.35	10.15	0.00	0.00	0.05	136.70
50.0-59.9	0.05	0.00	0.00	2.40	0.70	0.70	0.00	0.00	3.85
60.0-69.9	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.40
70.0-79.9	0.00	0.00	0.00	0.00	0.00	0.10	0.30	0.00	0.40
80.0-89.9	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.10	0.25
>90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.45	0.80
Total	71.15	6.45	3.60	47.75	10.85	1.20	0.80	0.60	142.40

Lifetime: Total Occurrences vs Engine Speed - C32 ACERT Starboard (RPM01142)

Engine Speed(rpm)	Count	%
<2500.0	0	0.00
2500.0-2599.0	0	0.00
2600.0-2699.0	0	0.00
2700.0-2799.0	0	0.00
2800.0-2899.0	0	0.00
2900.0-2999.0	0	0.00

3000.0-3099.0	0	0.00
3100.0-3199.0	0	0.00
3200.0-3299.0	0	0.00
3300.0-3399.0	0	0.00
>3400.0	0	0.00

Lifetime: Time vs Engine Speed - C32 ACERT Starboard (RPM01142)

Engine Speed(rpm)	hours	%
<1100.0	71.25	49.81
1100.0-1299.0	6.55	4.58
1300.0-1499.0	3.65	2.55
1500.0-1699.0	47.85	33.45
1700.0-1899.0	10.90	7.62
1900.0-2099.0	1.30	0.91
2100.0-2299.0	0.90	0.63
>2300.0	0.65	0.45

Lifetime: Time vs Engine Load Factor - C32 ACERT Starboard (RPM01142)

Engine Load Factor(%)	hours	%
<50.0	136.80	95.60
50.0-59.0	3.95	2.76
60.0-69.0	0.60	0.42
70.0-79.0	0.50	0.35
80.0-89.0	0.35	0.24
>90.0	0.90	0.63

Trip: Time vs Engine Speed - C32 ACERT Starboard (RPM01142)

Engine Speed(rpm)	hours	%
<1100.0	71.25	49.81
1100.0-1299.0	6.55	4.58
1300.0-1499.0	3.65	2.55
1500.0-1699.0	47.85	33.45
1700.0-1899.0	10.90	7.62
1900.0-2099.0	1.30	0.91
2100.0-2299.0	0.90	0.63
>2300.0	0.65	0.45

Trip: Time vs Engine Load Factor - C32 ACERT Starboard (RPM01142)

Engine Load Factor(%)	hours	%
<50.0	136.80	95.60
50.0-59.0	3.95	2.76
60.0-69.0	0.60	0.42
70.0-79.0	0.50	0.35
80.0-89.0	0.35	0.24
>90.0	0.90	0.63

Lifetime: Time vs Fuel Pressure - C32 ACERT Starboard (RPM01142)

Fuel Pressure(psi)	hours	%
<72.5	0.10	0.07

72.5-74.4	0.00	0.00
75.4-77.3	0.00	0.00
78.3-80.2	7.75	5.43
81.2-83.1	29.50	20.66
84.1-86.0	21.40	14.99
87.0-88.9	7.30	5.11
89.9-91.8	3.30	2.31
92.8-94.7	2.90	2.03
95.7-97.6	4.15	2.91
98.6-100.5	3.40	2.38
101.5-103.4	5.00	3.50
104.4-106.3	36.55	25.60
>107.3	21.45	15.02

Lifetime: Time vs Turbo Inlet Temperature And Inlet Air Temperature - C32 ACERT Starboard (RPM01142)

Deg F	<104	104-112	113-121	122-130	131-139	>140	Total
Deg F							
<140.0	0.00	0.00	0.00	0.35	0.00	0.00	0.35
140.0-148.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.0-157.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.0-166.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.0-175.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.35	0.00	0.00	0.35

Injector Trim Calibration - C32 ACERT Starboard (RPM01142)

Injector	Serial Number	File Version
Injector1	000000005A538278315D	0
Injector2	000000005A5382671021	0
Injector3	000000005A53827891DF	0
Injector4	000000005A5382673934	0
Injector5	000000005A5382785438	0
Injector6	000000005A538267457B	0
Injector7	000000005A5382783446	0
Injector8	000000005A538278036C	0
Injector9	000000005A538278490E	0
Injector10	000000005A5382781848	0
Injector11	000000005A5382671126	0
Injector12	000000005A538278085D	0

Monitoring System - C32 ACERT Starboard (RPM01142)

Description	State	Trip Point	Delay Time
Engine Overspeed			
Least Severe (1)	Always On	2645 rpm	0 sec

Most Severe (3)	Off	2645 rpm	0 sec
<u>High Engine Coolant Temperature</u>			
Least Severe (1)	Always On	210 Deg F	30 sec
Moderate Severity (2)	On	219 Deg F	30 sec
Most Severe (3)	Off	228 Deg F	30 sec
<u>High Engine Inlet Air Temperature</u>			
Least Severe (1)	Always On	167.0 Deg F	30 sec
Moderate Severity (2)	Off	176.0 Deg F	30 sec
Most Severe (3)	Off	185.0 Deg F	30 sec
<u>High Engine Oil Temperature</u>			
Least Severe (1)	On	226 Deg F	5 sec
Moderate Severity (2)	Off	230 Deg F	30 sec
Most Severe (3)	Off	239 Deg F	30 sec
<u>High Exhaust Temperature</u>			
Least Severe (1)	On	1310 Deg F	10 sec
Moderate Severity (2)	On	1328 Deg F	10 sec
Most Severe (3)	Off	1328 Deg F	10 sec
<u>High Fuel Filter Restriction Pressure</u>			
Least Severe (1)	On	35 psi	30 sec
<u>High Fuel Pressure</u>			
Least Severe (1)	On	None	2 sec
Most Severe (3)	Off	None	30 sec
<u>High Fuel Temperature</u>			
Least Severe (1)	On	143.6 Deg F	30 sec
Most Severe (3)	Off	179.6 Deg F	120 sec
<u>High Oil Filter Differential Pressure</u>			
Least Severe (1)	On	16 psi	30 sec
<u>High Transmission Oil Pressure</u>			
Least Severe (1)	On	350 psi	10 sec
<u>High Transmission Oil Temperature</u>			
Least Severe (1)	On	203 Deg F	10 sec
<u>Low Aftercooler Coolant Level</u>			
Least Severe (1)	On	None	30 sec
Moderate Severity (2)	Off	None	30 sec
Most Severe (3)	Off	None	30 sec
<u>Low Coolant Level</u>			
Least Severe (1)	On	None	30 sec
Moderate Severity (2)	On	None	30 sec
Most Severe (3)	Off	None	30 sec
<u>Low Engine Coolant Pressure</u>			

Least Severe (1)	On	None	30 sec
Moderate Severity (2)	On	None	130 sec
Low Engine Oil Level			
Least Severe (1)	On	None	30 sec
Moderate Severity (2)	Off	None	30 sec
Low Engine Oil Pressure			
Least Severe (1)	Always On	None	30 sec
Moderate Severity (2)	On	None	30 sec
Most Severe (3)	Off	None	30 sec
Low Fuel Level			
Least Severe (1)	Off	13 %	300 sec
Low Fuel Pressure			
Least Severe (1)	On	None	30 sec
Most Severe (3)	Off	None	30 sec
Low Transmission Oil Pressure			
Least Severe (1)	Off	29 psi	5 sec
Moderate Severity (2)	Off	29 psi	5 sec
Most Severe (3)	Off	29 psi	5 sec

Trip Segment - C32 ACERT Starboard (RPM01142)

Description	Value	Unit
Time	144:52	hours
Fuel	2362.8	gal
% Idle Time	43	%
Idle Fuel	125.6	gal

Maintenance Indicator - C32 ACERT Starboard (RPM01142)

Description	Service Status	Value	Unit
PM1	---	Unavailable	
PM2	---	Unavailable	
Coolant Flush/Fill	---	Unavailable	

Marine Engine Control Panel

Parameter	Value
ECU Part Number	5412057
ECU Serial Number	
Software Group Part Number	541-2058
Software Group Release Date	FEB18
Software Group Description	MARINE ENGINE CONTROL PANEL