

MAN Diesel PrimeServ Academy

Engine Operation



Going through all screens:

- Alarms...
- Engine:
- Auxiliaries...
- Maintenance...
- Admin...

Engine: Operation



Access Level



0 0 15 0

Engine ▶ Operation 2006-09-18 13:31:20

Main State
At Sea

Command [RPM]
ECR 88.0
LOP 88.0

Speed [RPM]
Speed Modifier
RPM Fine Adjust
Set Point Actual

Fuel Index [%]
Index limiter
Scav Air Pres
Limiter Actual

Alarms...

Engine ▶
Operation

Status

Process Information

Cylinder Load

Cylinder Pressure

Auxiliaries...

Maintenance...

Admin...

Access

Change Access Level

Password for Chief Level

Operator Level Chief Level X

1 2 3 4 5 6 7 8 9 0 - ← BS

Q W E R T Y U I O P _ ←

* A S D F G H J K L ; :

/ Z X C V B N M , . Space

PTO
Off

Engine Start

Start Status
Running

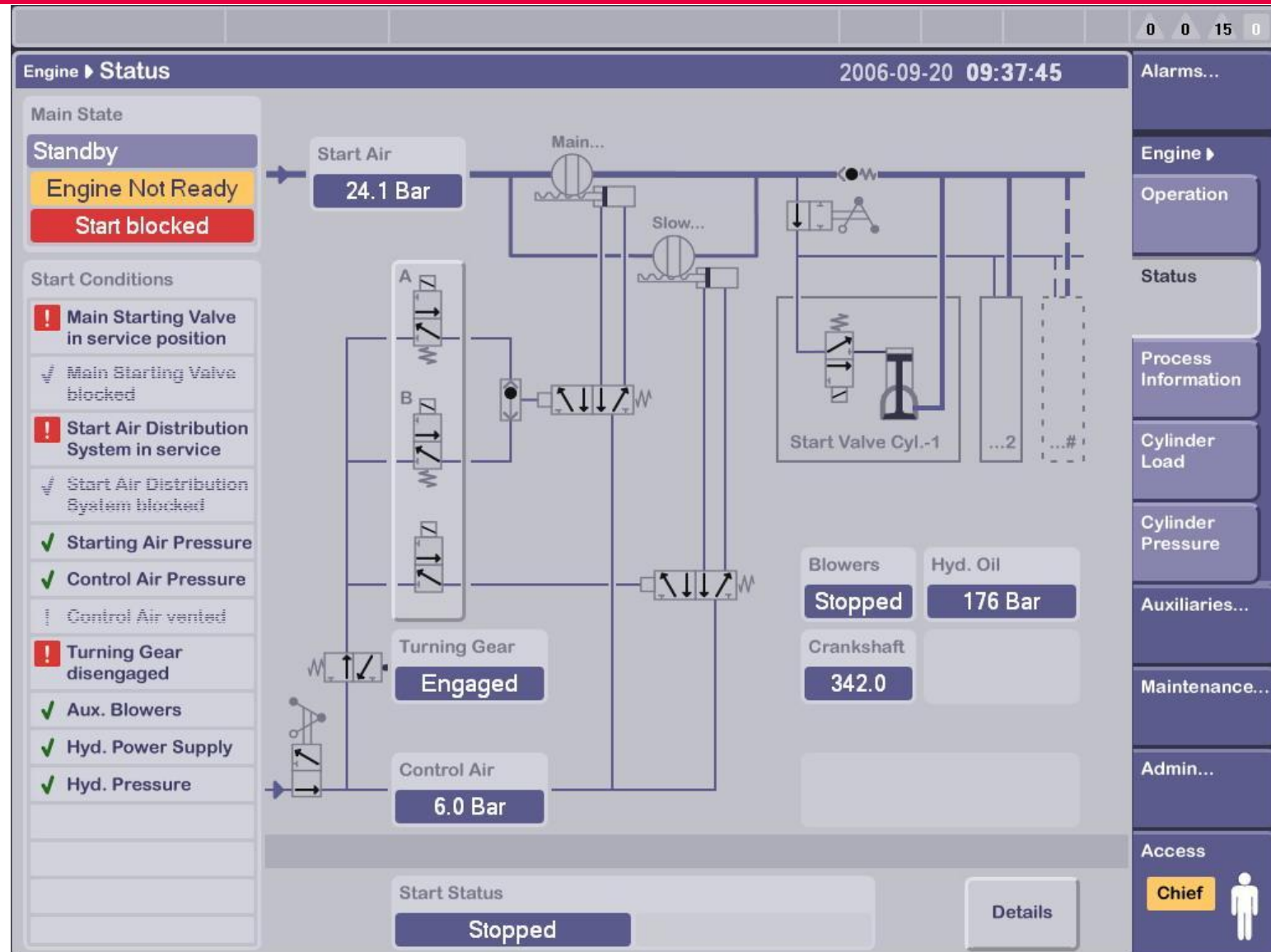
Prepare Start

Slow Turn

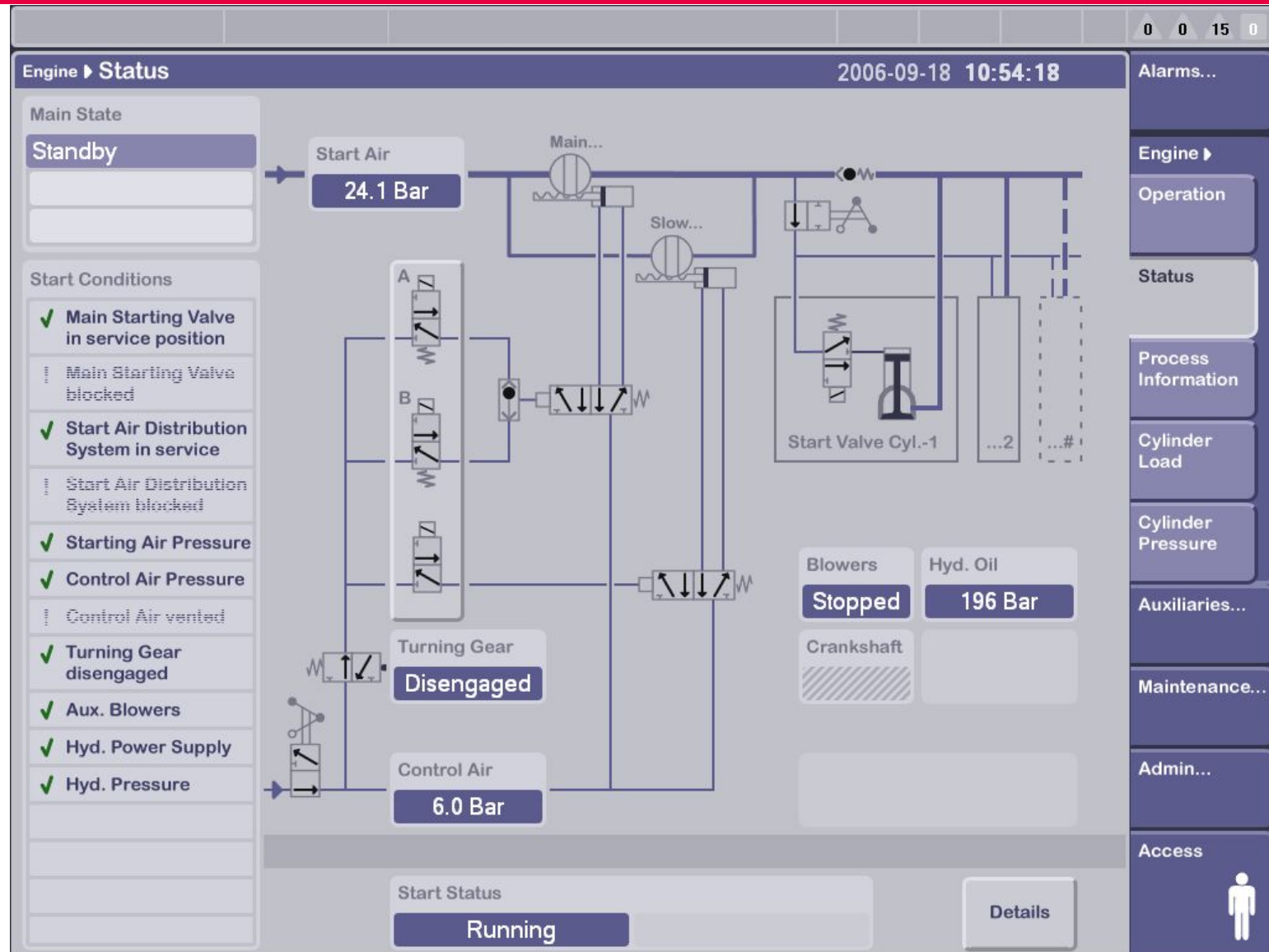
Auto

Air Run

Engine: Status – Start blocked



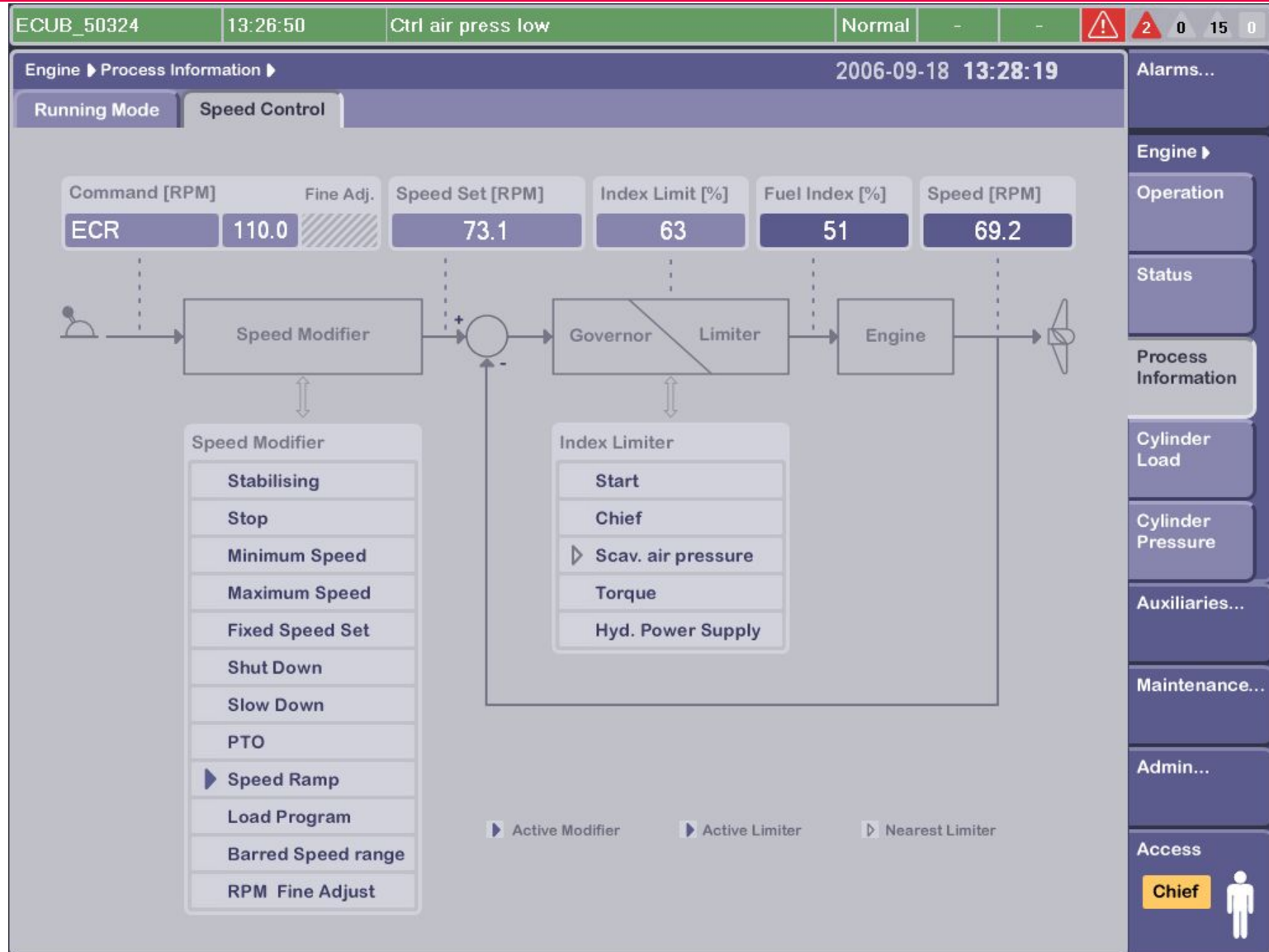
Engine: Status



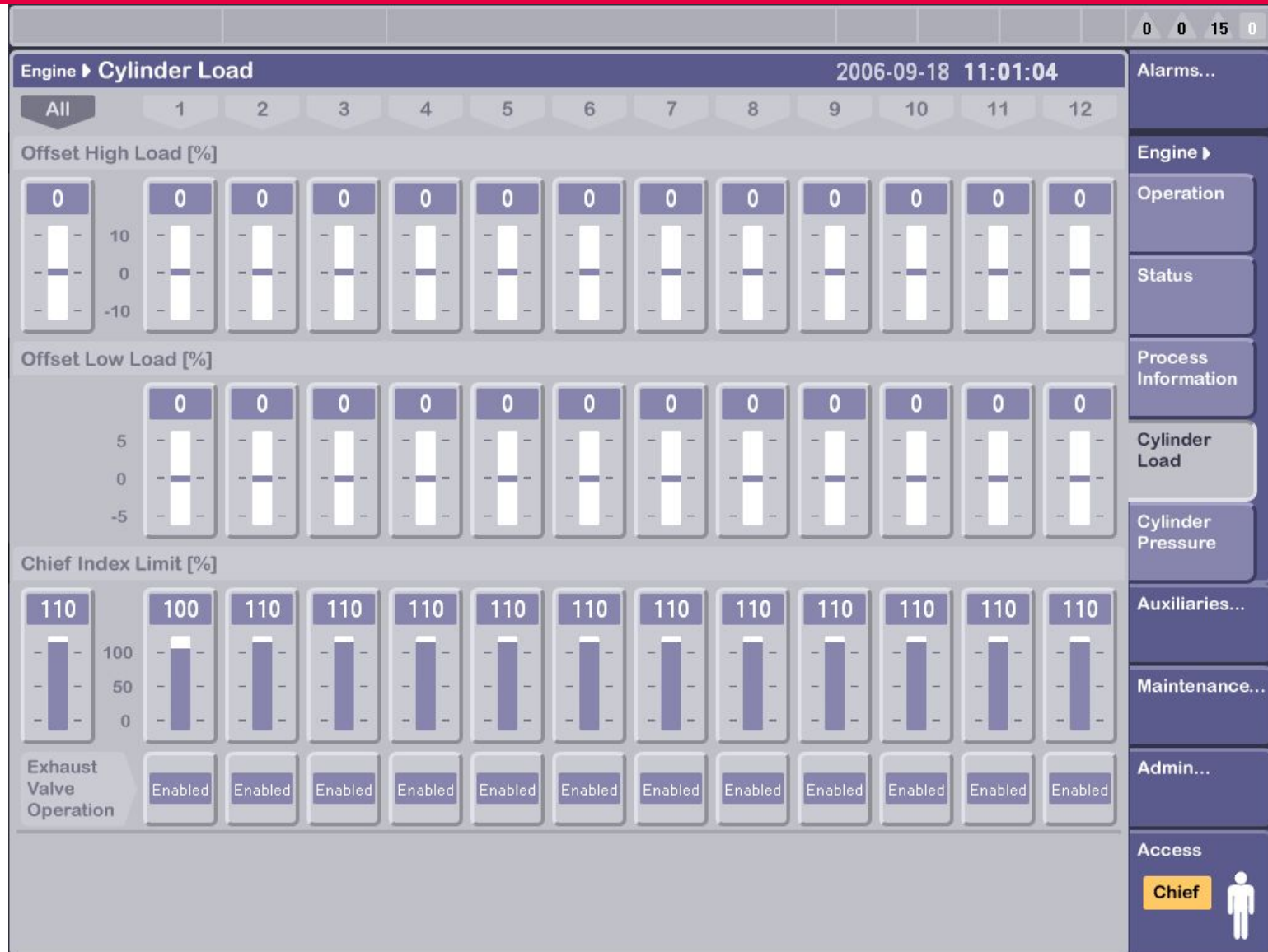
Engine: Process Information Running Mode



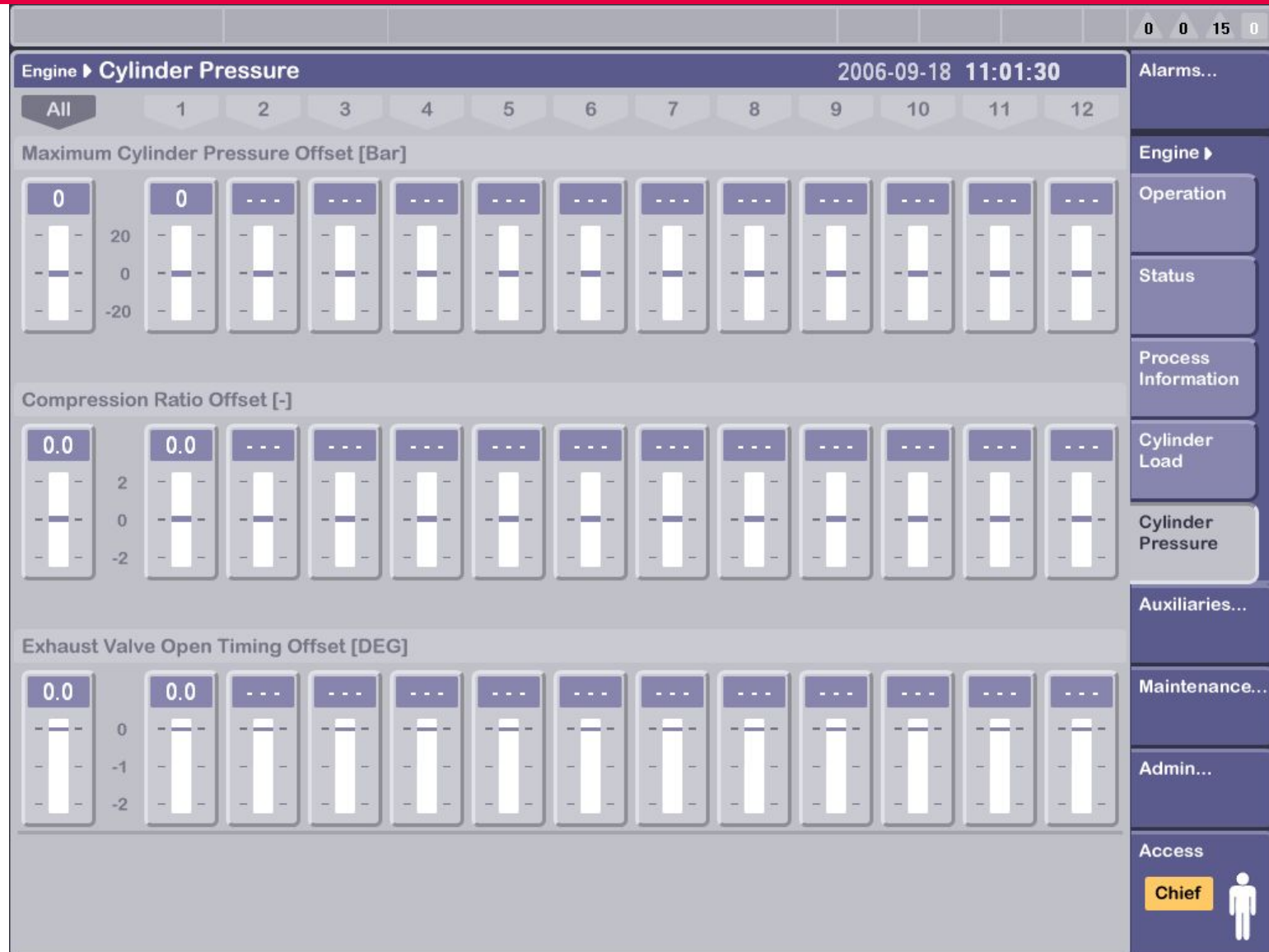
Engine: Process Information Speed Control



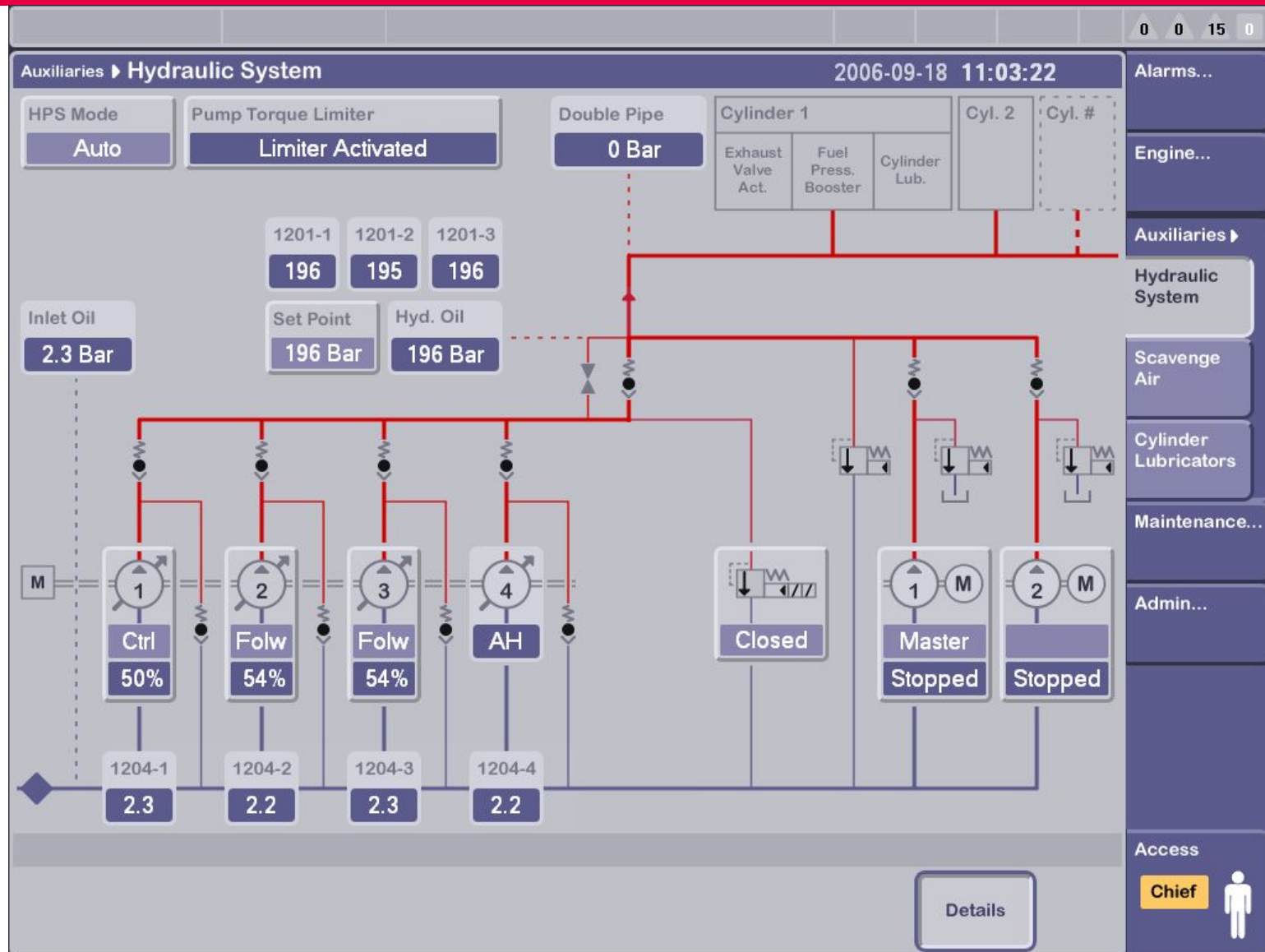
Engine: Cylinder Load



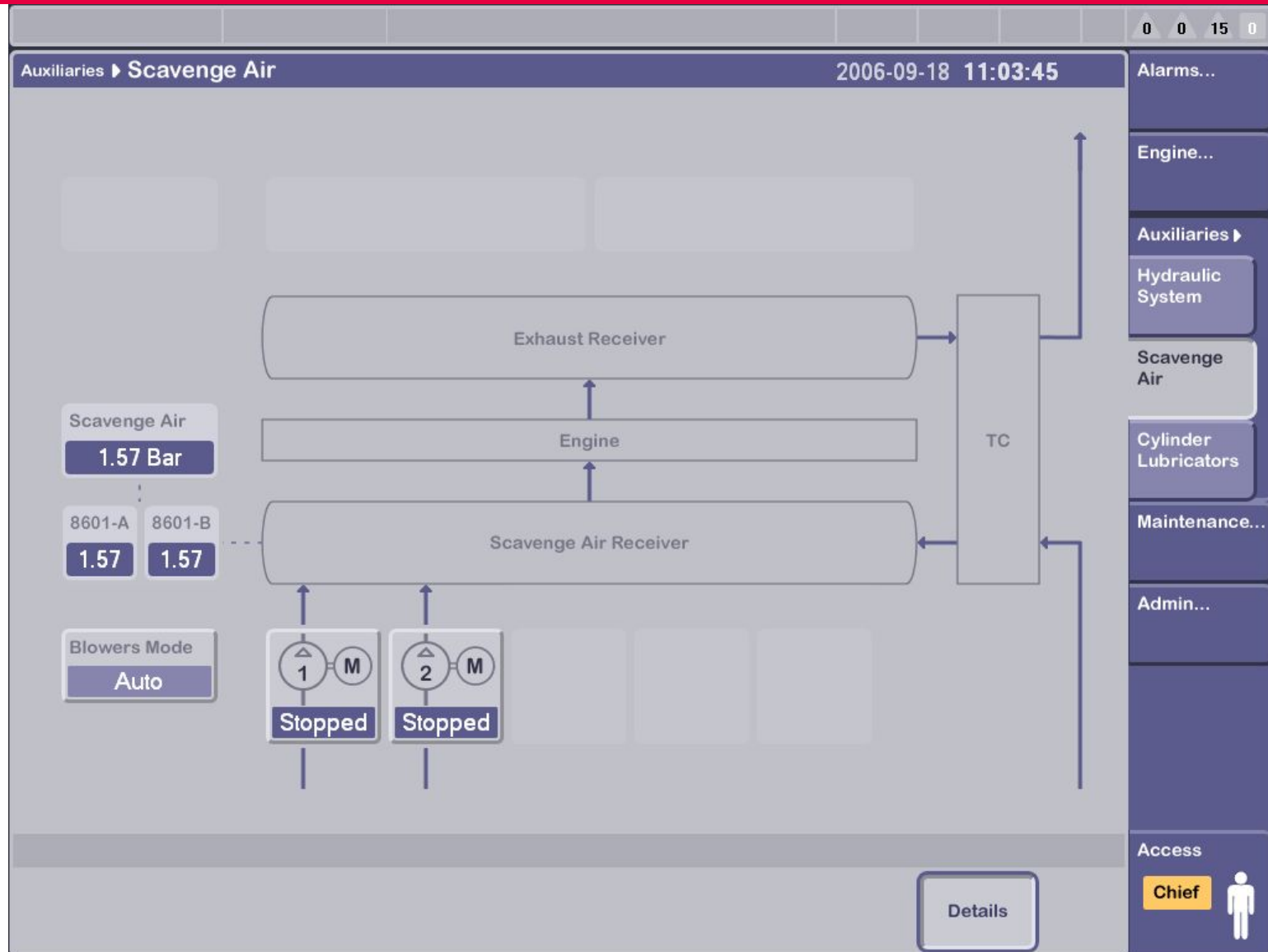
Engine: Cylinder Pressure



Auxiliaries: Hydraulic System



Auxiliaries: Scavenge Air



Auxiliaries: Cylinder Lubricators



0 0 15 0

Auxiliaries ▶ Cylinder Lubricators 2006-09-18 11:07:45

Flow	Total	Prelube	LCD	S%	Feed Rate Factor	Basic Feed Rate	Min. Feed Rate
35.4 l/h	16 l	Off	Off	2.0	0.30 g/kWhS%	0.60 g/kWh	0.5 g/kWh

	1	2	3	4	5	6	7	8	9	10	11	12
Actual Feed Rate [g/kWh]	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Feed Rate Adjust Factor	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Running In [%]	0	0	0	0	0	0	0	0	0	0	0	0
Lubricator Test Sequence	Off	---	---	---	---	---	---	---	---	---	---	---

S%

Current	New	▼	▽	▲	▲▲	Apply	✕
2.0	2.0						

Alarms...

Engine...

Auxiliaries ▶

Hydraulic System

Scavenge Air

Cylinder Lubricators

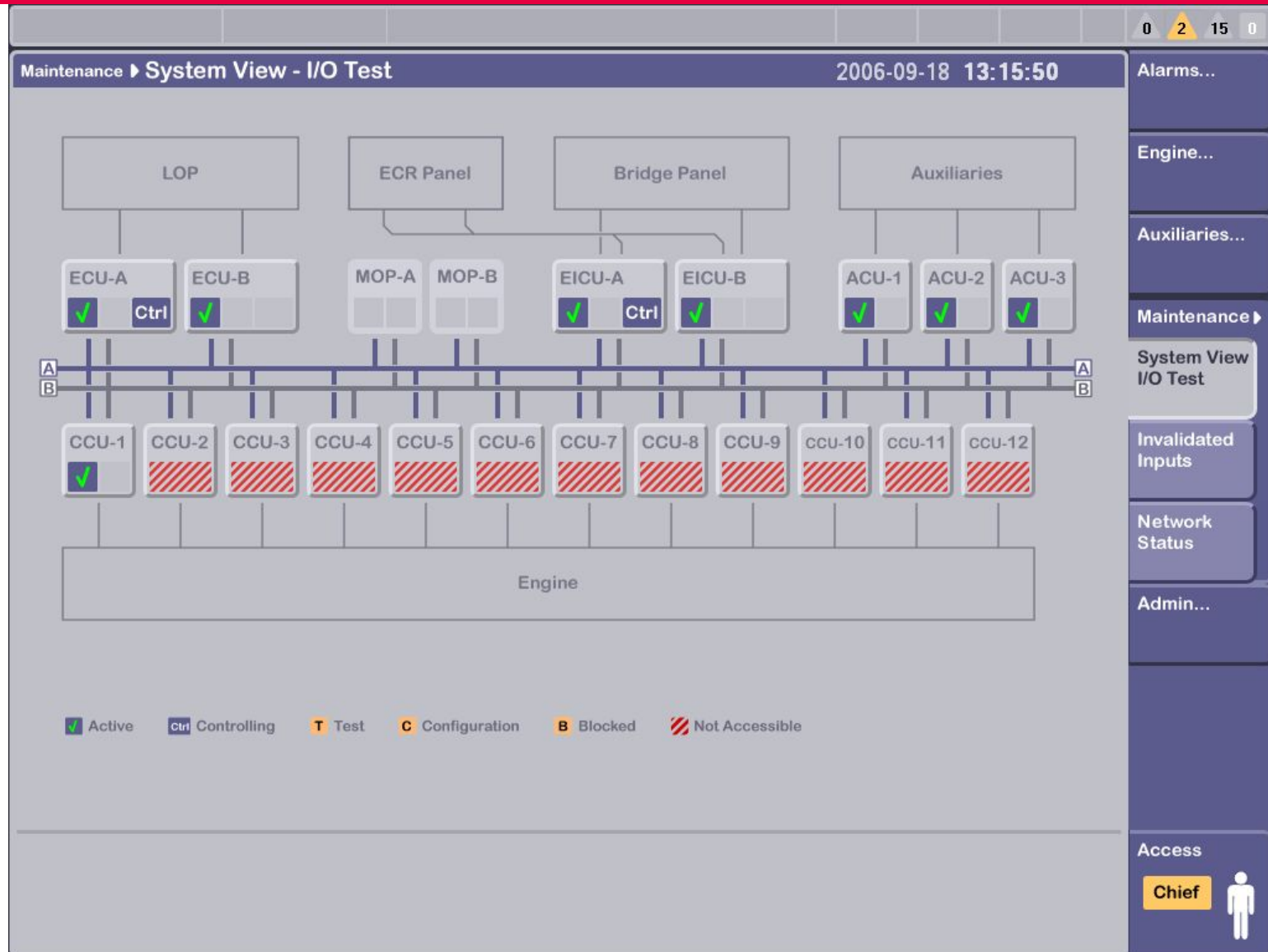
Maintenance...

Admin...

Access

Chief

Maintenance: System View, I/O Test



Maintenance: System View, I/O Test ECU-A



Maintenance ▶ System View - I/O Test
2006-09-18 13:16:23

ECU-A
Alarms...

MPC Mode
Normal

A Analog Input
A Analog Output
 Invalidated
 Alarm

D Digital Input
D Digital Output
 Not used
N/A Not available

X

#	Info	ID	Description	Process Value
20				
21	D	2152-A	Local: Increase Limiter	OFF
22	D	2151-A	Local: Stop	OFF
23	D	2114-A	Local: Air Run	OFF
24	D	2115-A	Local: Slow Turn	OFF
25	D	2153-A	Local: Take CMD	OFF
26	D	2156-A	Local: SpeedSet Up Butt	OFF
27	D	2157-A	Local: SpeedSet Down Bu	OFF
30	D	2155-A	Local: Start	OFF
31				
32	D	1117-A	Blocked Start Air Distr	OFF
33				
34	D	2001-A	Shut Down	OFF
35	A	8601-A	Scavenge Air Pressure (1.57 -
36				
37				
40	D	4001-A	marker master	False
41	D	4002-A	marker slave	True
42	D	4003-A	quadrature master	False
43	D	4004-A	quadrature slave	True

#	Info	ID	Description	Process Value
44	D	4001-B	marker master	False
45	D	4002-B	marker slave	True
46	D	4003-B	quadrature master	False
47	D	4004-B	quadrature slave	True
48				
49				
50				
51				
52	D	011501	Lubricator Backup Signa	N/A
53				
54				
61	D	2005-A	Reset Shut Down	OFF
70	A	2184	Governor Index	70.8 %
71	A	8501	Start Air Pressure	24.1 -
80	D	1114	Slow Turn Valve	OFF
81	D	1217-4	Driven pump 4 AH/AS	OFF
82	D	1121-A	Main Start Air Valve	OFF
83	D	2206-A	Slow Down Local Indic	OFF
84	D	2154-A	Local Take Command	OFF
85	D	2159-A	Increase Limit Indicati	OFF

Engine...
Auxiliaries...
Maintenance ▶
System View I/O Test
Invalidated Inputs
Network Status
Admin...

Access
Chief

Maintenance: System View, I/O Test ECU-A, Channel-32



Maintenance ▶ System View - I/O Test
2006-09-18 13:19:08

ECU-A

Channel-32

Ch. No	Status	Signal ID	Description
32	D	1117-A	Blocked Start Air Distr

Channel Setup

Binary Input	Supervised Contact	9 - 31 V : ON	1.8 - 7.5 V : OFF	< 1.6 V : Failure
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Alarms...

Engine...

Auxiliaries...

Maintenance ▶

System View
I/O Test

Invalidated Inputs

Network Status

Admin...

Access

Chief

Maintenance: System View, I/O Test ECU-A, Channel-35, Invalidated



02151

Maintenance ▶ System View - I/O Test2006-09-18 13:19:55

ECU-A

Channel-35

Ch. No	Status	Signal ID	Description
35		8601-A	Scavenge Air Pressure (

Electrical Value

0.0 mA

Signal Failure

➔

Process Value

1.57 -

Invalidated

Channel Setup

Analog Input	4 - 20 mA
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Channel State

Valid

Invalid

WARNING!

Changing the STATUS of a channel may cause the system to malfunction.

Alarms...

Engine...

Auxiliaries...

Maintenance ▶

System View I/O Test

Invalidated Inputs

Network Status

Admin...

Access

Chief

Maintenance Invalidated Inputs



0
2
15
2

Maintenance ▶ Invalidated Input Channels
2006-09-18 13:20:37

MPC	Channel		
ID	Ch. No.	Signal ID	Description
ECUA	35	8601-A	Scavenge Air Pressure (
ACU3	32	1204-3	Lube oil pressure (bar)

Set Valid

Alarms...

Engine...

Auxiliaries...

Maintenance ▶

System View
I/O Test

Invalidated
Inputs

Network
Status

Admin...

Access

Chief

Maintenance Network Status



Maintenance ▶ Network Status
2006-09-18 13:20:57

0
2
15
2

Observer →		MOP		EICU		ECU		ACU				CCU											
Observed ↓		A	B	A	B	A	B	1	2	3	N/A	1	2	3	4	5	6	7	8	9	10	11	12
MOP	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EICU	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ECU	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ACU	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CCU	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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	11	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	12	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!

Cabling Map		MOP		EICU		ECU		ACU				CCU											
		A	B	A	B	A	B	1	2	3	N/A	1	2	3	4	5	6	7	8	9	10	11	12
Net A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Net B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ OK
⬮ This MOP
! No Reply Single Channel
! No Communication
⬮ Not Accessible
⬮ Not Relevant
⬮ Online but No Information
A Reference
B Cross Connection

Alarms...

 Engine...

 Auxiliaries...

 Maintenance ▶
 System View
I/O Test

 Invalidated
Inputs

 Network
Status

 Admin...

 Access

Chief

Maintenance: Network Status – ECU A Net A Failure



EICUA_SNO-ECUA
13:21:40
Net A not connected to ECUA
Alarm
-
-
!
2
4
15
2

Maintenance ▶ Network Status
2006-09-18 13:21:48

Observer →	MOP		EICU		ECU		ACU				CCU												
Observed ↓	A	B	A	B	A	B	1	2	3	N/A	1	2	3	4	5	6	7	8	9	10	11	12	
MOP	A	✓	✓	✓	✓	✓	!	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	B	✓	✓	✓	✓	✓	!	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EICU	A	✓	✓	✓	✓	✓	!	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	B	✓	✓	✓	✓	✓	!	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ECU	A	!	✓	!	✓	!	✓	!	✓	!	✓	!	✓	!	✓	!	✓	!	✓	!	✓	!	✓
	B	✓	✓	✓	✓	✓	!	✓	✓	!	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ACU	1	✓	✓	✓	✓	✓	✓	!	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2	✓	✓	✓	✓	✓	✓	!	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CCU	1	✓	✓	✓	✓	✓	✓	!	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	3	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
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	6	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	7	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	8	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	9	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	10	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	11	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	12	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!

Cabling Map	MOP		EICU		ECU		ACU				CCU											
	A	B	A	B	A	B	1	2	3	N/A	1	2	3	4	5	6	7	8	9	10	11	12
Net A	✓	A	✓	✓	!	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Net B	✓	B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ OK
⬮ This MOP
! No Reply Single Channel
! No Communication

⬮ Not Accessible
⬮ Not Relevant
⬮ Online but No Information

A Reference
B Cross Connection

Alarms...

Engine...

Auxiliaries...

Maintenance ▶

System View
I/O Test

Invalidated
Inputs

Network
Status

Admin...

Access

Chief

Maintenance: Network Status – ECU A Net A + B Failure



EICUA_SNO-ECUA
13:21:40
Net A not connected to ECUA
Alarm
-
-
!
14 15 15 1

Maintenance ▶ Network Status
2006-09-18 13:22:16

Observer →	MOP		EICU		ECU		ACU				CCU												
Observed ↓	A	B	A	B	A	B	1	2	3	N/A	1	2	3	4	5	6	7	8	9	10	11	12	
MOP	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EICU	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ECU	A	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ACU	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	N/A																						
CCU	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	3	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	4	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	5	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	6	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	7	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	8	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	9	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	10	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	11	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
	12	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!

Cabling Map	MOP		EICU		ECU		ACU				CCU											
	A	B	A	B	A	B	1	2	3	N/A	1	2	3	4	5	6	7	8	9	10	11	12
Net A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Net B	✓	!	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ OK
⬮ This MOP
! No Reply Single Channel
! No Communication

⬮ Not Accessible
⬮ Not Relevant
⬮ Online but No Information

A Reference
B Cross Connection

Alarms...

Engine...

Auxiliaries...

Maintenance ▶

System View
I/O Test

Invalidated Inputs

Network Status

Admin...

Access

Chief

Admin.: Version



Admin ▶ Version

2006-09-18 13:10:09

Type
ME/ME-C - ECS

Version
0510-3.4

BES Vers.
1.59

Engine Group No.
Simulator

IMO No.
Sim 2

Engine Builder
MBD

Eng. No.
1

Controller Unit			Parameters Check Sums					
ID	Addr.	Type	User	Chief	Service	Design	IMO Design	IMO Chief
EICUA	192	EICU	0	8	87124	485	0	0
EICUB	193	EICU	0	7	86923	485	0	0
ECUA	208	ECU	0	5533	88420	47789	42735	16155
ECUB	209	ECU	0	5533	88193	47789	42735	16155
ACU1	224	ACU	0	141	16887	2912	0	0
ACU2	225	ACU	0	141	17209	2914	0	0
ACU3	226	ACU	0	141	17154	2916	0	0
CCU1	240	CCU	0	2	18100	69160	23005	14752

Alarms...

Engine...

Auxiliaries...

Maintenance...

Admin ▶

Set Time

Version

Access

Chief

Refresh

Print

Printer Status
0 printer jobs

Admin.: Set Time



0 0 15 0

Admin ▶ Set Time 2006-09-18 13:09:25

Alarms...

Engine...

Auxiliaries...

Maintenance...

Admin ▶

Set Time

Version

UTC Date/Time 2006-09-18 11:09:25 UTC Time Displayed

Local Date/Time 2006-09-18 13:09:25 Local Time Displayed

Local Date/Time Hours Minutes

New Date/Time 2006-09-18 13:09:21 Offset 02:00 -1 +1 -15 -5 +5 +15 Set X

Access Chief

Alarms:

Alarm List



ECUA_8601-A04	13:10:44	Suprv. Ch35,8601-A,Scavenge Air Pre	Alarm	-	-	!	2	2	15	0
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Alarms ▶ Alarm List
2006-09-18 13:15:12

ID	Time	Description	Status	Limit	Current	Ack
ECUB_8601-B04	13:10:44	Suprv. Ch35,8601-B,Scavenge Air Pre	Normal	-	-	!
ECUA_8601-A04	13:10:44	Suprv. Ch35,8601-A,Scavenge Air Pre	Alarm	-	-	!
CCU1_0227	13:10:24	HCU Oil Leakage	Alarm	-	-	

Alarms ▶
Alarm List
Event Log
Manual Cut-Out List
Channel List
Engine...
Auxiliaries...
Maintenance...
Admin...
Access
Chief

Info

Description: Leakage has been detected at the specified HCU.
Cause: A leakage is detected in the high pressure fuel pipe.
Effect: High pressure fuel is in the outer pipe. A leakage in the outer pipe will result in fuel spray onto engine components and maybe even on personnel. The control system provides an option (set by MAN B&V) for stopping fuel injections on the specific cylinder during this situation.
Suggested Action: If automatic fuel cut out is not performed by ECS, manually cut of fuel to that specific cylinder

√Ack.
Ack. All
Cut-Out
Line/of
3 3
Info

Alarms: Event Log



ECUA_8601-A04	13:10:44	Suprv. Ch35,8601-A,Scavenge Air Pre		Alarm	-	-			2		15	0															
Alarms ▶ Event Log								2006-09-18 13:12:25			Alarms ▶																
ID: Unit_Tag	Date	Time	Description	Status	MCo	ACo	Ack	Alarm List																			
MOPB_CLKSYNC	2006-09-18	12:14:06,34	Time bumped 3464 seconds	Normal				Event Log																			
MOPB_CLKSYNC	2006-09-18	12:14:04,34	Time bumped 3464 seconds	Normal				Manual Cut-Out List																			
MOPB_CLKSYNC	2006-09-18	12:14:02,34	Time bumped 3464 seconds	Normal				Channel List																			
MOPB_CLKSYNC	2006-09-18	12:13:46,37	Time bumped 3464 seconds	Normal				Engine...																			
MOPB_CLKSYNC	2006-09-18	12:13:32,32	Time bumped 3464 seconds	Normal				Auxiliaries...																			
MOPB_CLKSYNC	2006-09-18	12:13:18,31	Time bumped 3464 seconds	Normal				Maintenance...																			
CCU1_0227	2006-09-18	13:10:55,46	HCU Oil Leakage	Alarm			×	Admin...																			
ECUB_8601-B04	2006-09-18	13:10:47,39	Suprv. Ch35,8601-B,Scavenge Air Pre	Normal				Access																			
ECUB_8601-B04	2006-09-18	13:10:44,53	Suprv. Ch35,8601-B,Scavenge Air Pre	Alarm				Chief																			
ECUA_8601-A04	2006-09-18	13:10:44,47	Suprv. Ch35,8601-A,Scavenge Air Pre	Alarm																							
CCU1_0227	2006-09-18	13:10:24,64	HCU Oil Leakage	Alarm																							
MOPB_CLKSYNC	2006-09-18	11:09:12,11	TZ offset changed 7200 seconds	Normal																							
MOPB_CLKSYNC	2006-09-18	11:09:11,59	TZ offset changed 7200 seconds by local operator	Normal																							
MOPB_CLKSYNC	2006-09-18	09:55:57,72	Time bumped 3464 seconds	Normal																							
MOPB_CLKSYNC	2006-09-18	09:55:55,73	Time bumped 3464 seconds	Normal																							
MOPB_CLKSYNC	2006-09-18	09:55:41,71	Time bumped 3464 seconds	Normal																							
MOPB_CLKSYNC	2006-09-18	09:55:25,70	Time bumped 3464 seconds	Normal																							
ECUA_01020428	2006-09-18	10:52:57,23	Tacho set B failure	Normal			×																				
ECUB_01020428	2006-09-18	10:52:57,20	Tacho set B failure	Normal			×																				
CCU1_01010428	2006-09-18	10:52:57,20	Tacho set B failure	Normal			×																				
Unit/Tag Filter								Time Span Filter		Go to Date/Time		Export														Info	

Alarms:

Event Log - Filter



ECUA_8601-A04
13:10:44
Suprv. Ch35,8601-A,Scavenge Air Pre
Alarm
-
-

2 2 15 0

Alarms ▶ Event Log
2006-09-18 13:12:53

ID: Unit_Tag	Date	Time	Description	Status	MCo	ACo	Ack
MOPB_CLKSYNC	2006-09-18	12:14:06,34	Time bumped 3464 seconds	Normal			

Unit/Tag Filter

Unit
CCU1

Index

Tag
0227

Fetch Selected

Clear

Apply

X

1 2 3 4 5 6 7 8 9 0 - ← BS

←

Q W E R T Y U I O P _ ←

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* A S D F G H J K L ; :

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/ Z X C V B N M , .

Space

Unit/Tag Filter

MOPB_CLKSYNC	2006-09-18	09:55:41,71	Time bumped 3464 seconds	Normal			
MOPB_CLKSYNC	2006-09-18	09:55:25,70	Time bumped 3464 seconds	Normal			
ECUA_01020428	2006-09-18	10:52:57,23	Tacho set B failure	Normal			X
ECUB_01020428	2006-09-18	10:52:57,20	Tacho set B failure	Normal			X
CCU1_01010428	2006-09-18	10:52:57,20	Tacho set B failure	Normal			X

Unit/Tag Filter
Time Span Filter
Go to Date/Time
Export

Info

Alarms ▶

Alarm List

Event Log

Manual Cut-Out List

Channel List

Engine...

Auxiliaries...

Maintenance...

Admin...

Access

Chief

Alarms: Manual Cut-Out List



ECUA_8601-A04
13:10:44
Suprv. Ch35,8601-A,Scavenge Air Pre
Alarm
-
-
⚠
2
2
15
0

Alarms ▶ Manual Cut-Out List
2006-09-18 13:13:11

ID	Date	Time	Description	Status	Limit	Current
EICUA_0162	2006-09-15	08:55:45	Sensor Fail 'Take Cmd ECR'	Alarm	-	-
EICUA_2143-A04	2006-09-15	08:55:40	Suprv. Ch34,2143-A,Take command ECR	Alarm	-	-
EICUA_SNA-AXU1	2006-09-15	08:56:15	MPC AXU1 unavailable	Alarm	-	-
EICUA_SN1-AXU1	2006-09-15	08:56:15	Net B not connected to AXU1	Alarm	-	-
EICUA_SNO-AXU1	2006-09-15	08:56:15	Net A not connected to AXU1	Alarm	-	-
EICUA_SAR-AXU1	2006-09-15	08:56:15	App. not running on AXU1	Alarm	-	-
EICUA_SEICU	2006-09-15	08:55:35	Global Params. inconsist	Alarm	-	-
EICUB_0162	2006-09-15	08:55:45	Sensor Fail 'Take Cmd ECR'	Alarm	-	-
EICUB_2143-B04	2006-09-15	08:55:40	Suprv. Ch34,2143-B,Take command ECR	Alarm	-	-
EICUB_SNA-AXU1	2006-09-15	08:56:15	MPC AXU1 unavailable	Alarm	-	-
EICUB_SN1-AXU1	2006-09-15	08:56:15	Net B not connected to AXU1	Alarm	-	-
EICUB_SNO-AXU1	2006-09-15	08:56:15	Net A not connected to AXU1	Alarm	-	-
EICUB_SAR-AXU1	2006-09-15	08:56:15	App. not running on AXU1	Alarm	-	-
EICUB_SEICU	2006-09-15	08:55:35	Global Params. inconsist	Alarm	-	-
CCU1_031221	2006-09-15	08:56:35	No Cylinder Lube Oil	Alarm	-	-

Reactivate

Line/of

1

15

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Info

Access
Chief

Alarms: Channel List



ECUA_8601-A04		13:10:44		Suprv. Ch35,8601-A,Scavenge Air Pre		Alarm		-	-				2	2	15	0															
Alarms ▶ Channel List												2006-09-18 13:14:48				Alarms ▶															
ID		Date	Time	Description				Status	MCo	ACo	Ack	Alarm List																			
ACU1_010110		2006-09-18	10:46:55	No Commands from ECU A				Normal				Event Log																			
ACU1_010111		2006-09-18	10:46:55	No Commands from ECU B				Normal				Manual Cut-Out List																			
ACU1_0210		2006-09-15	08:55:36	Blower 1 Ctrl Failed				Normal				Channel List																			
ACU1_070119		2006-09-15	08:55:38	Pump ctrl failure				Normal				Engine...																			
ACU1_07013604		2006-09-15	08:55:37	PV_AMP Amp. Current Supervision				Normal				Auxiliaries...																			
ACU1_07013605		2006-09-15	08:55:37	PV_AMP Amp. Reports Internal Fault				Normal				Maintenance...																			
ACU1_070210		2006-09-15	08:55:38	Startup Pump Ctrl Failed				Normal				Admin...																			
ACU1_0708		2006-09-15	08:55:38	Hydraulic leakage (shutdown level)				Normal				Access																			
ACU1_0724		2006-09-15	08:55:39	Double pipe press. high				Normal				Chief																			
ACU1_0725		2006-09-15	08:55:39	Double pipe press. low				Normal																							
ACU1_1109-A04		2006-09-15	08:55:33	Suprv. Ch23,1109-A,Turning gear dis				Normal																							
ACU1_1110-A04		2006-09-15	08:55:33	Suprv. Ch22,1110-A,Turning gear eng				Normal																							
ACU1_1111-A04		2006-09-15	08:55:33	Suprv. Ch21,1111-A,Main start valve				Normal																							
ACU1_1112-A04		2006-09-15	08:55:33	Suprv. Ch24,1112-A,Main start valve				Normal																							
ACU1_1116-A04		2006-09-15	08:55:33	Suprv. Ch25,1116-A,Start air dist I				Normal																							
ACU1_1201-104		2006-09-18	10:46:49	Suprv. Ch31,1201-1,Hydraulic Pressu				Normal																							
ACU1_1202-A03		2006-09-15	08:55:35	Suprv. Ch80,1202-A,System bypass op				Normal																							
ACU1_1204-104		2006-09-15	08:55:34	Suprv. Ch32,1204-1,Lube oil pressur				Normal																							
ACU1_123604		2006-09-15	08:55:33	Suprv. Ch27,1236,Hyd. leak shutdown				Normal																							
ACU1_1238-104		2006-09-15	08:55:35	Suprv. Ch30,1238-1,Prop. Valve Feed				Normal																							
ACU1_8501-A04		2006-09-15	08:55:34	Suprv. Ch37,8501-A,Starting air pre				Normal																							
Out-Out Reactivate												Line/of		0 564														Info		Access	
																												Chief			