

File

Maintenance

Light Isolation

Instruments

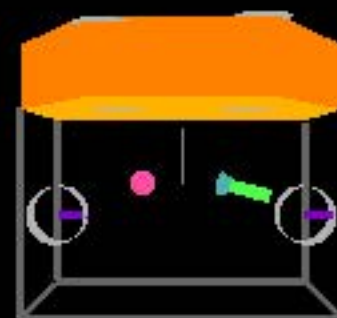
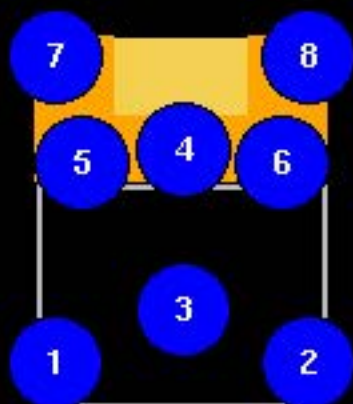
Tools

Detritus

Annotate

Overlay

Alarm List



Telemetry	0	☒
Bypass		☒
Disk Logging		☒
Teleos Serial		☒
Teleos Ethernet		☒
Ship Gyro		☒
TMS		☒

Fog
Ship
Auto
Turns

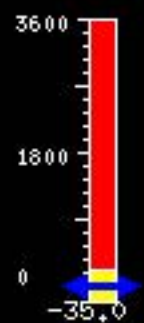
Primary

Velocity mtr/min
Tether meter
Tension lbs
Pressure psi

VB Water Level



VB Pressure

Pitch Roll

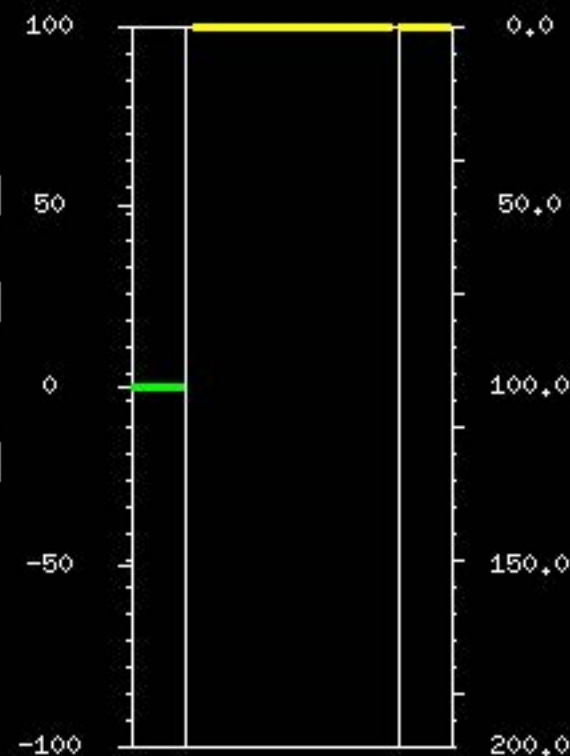
Camera 1

Pan Tilt Shoulder

Camera 2

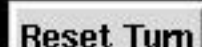
Pan Tilt RPM

Depth

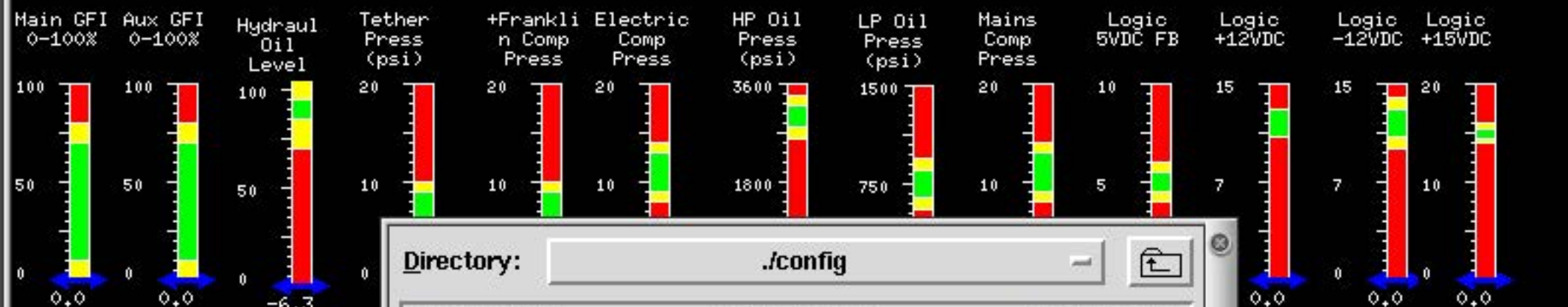


Depth
Setpoint
Mesotech
Vertical Speed

Alarm List



File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List



Directory:

./config

012607.cfg	032909.cfg	051308.cfg
031306.cfg	040611.cfg	062005dave
031306_bak.cfg	041408.cfg	062509.cfg
031711.cfg	041408_bak.cfg	070208.cfg
031910ventana.cfg	042506.cfg	070208_bak
031910ventana_bak.cfg	042606.cfg	070607.cfg
032207.cfg	042705.cfg	070607_bak

File name:

Open

Files of type: Config Files (*.cfg)

Cancel

Thruster Spare Servo

0



KVH 113
Ship 0.0
Auto
Turns 0 Ship

Backup

Reset Turn

Aux Cam 1 ACM Power

Aux Cam 2 MOBB
On/OffAux Cam 3
Upper Cam Insite+MSC
Cameras

Lasers Compass

TD Power Ethernet
EnableDVL Power CTD Pump FO 120 VAC
On/OffMain Camera Homer FO TB42-3
MPL-1Schilling Sonar Power FO MPL19
TB47-2

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

New

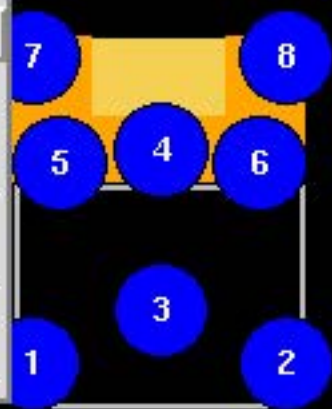
Open

Save

Save As

Download New Software

Quit

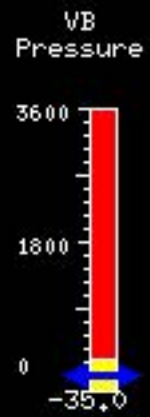


Telemetry	0	☒
Bypass		☒
Disk Logging		☒
Teleos Serial		☒
Teleos Ethernet		☒
Ship Gyro		☒
TMS		☒

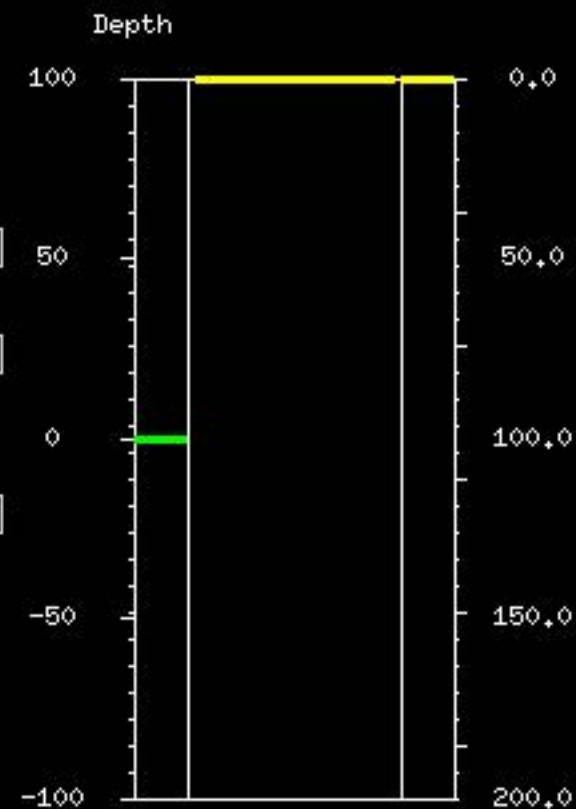
Snip
Auto
Turns

Primary

Velocity mtr/min
Tether meter
Tension lbs
Pressure psi



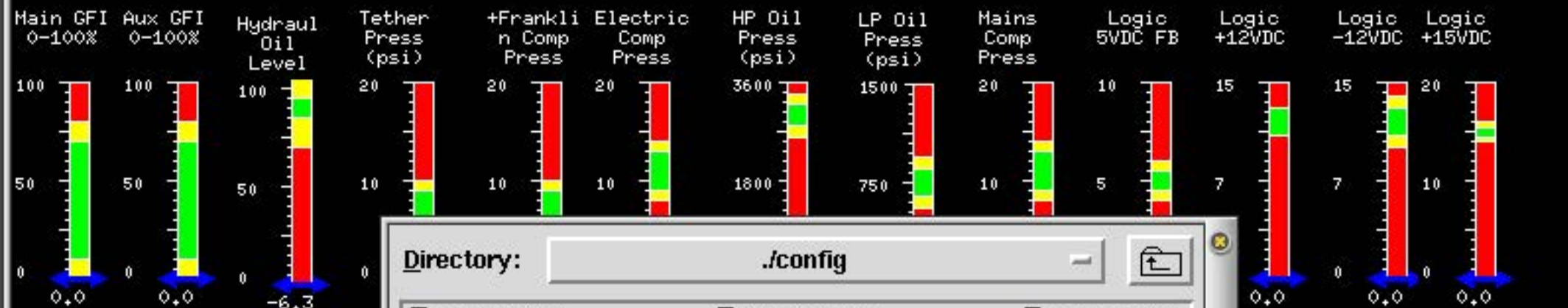
Pitch Roll
Camera 1
Pan Tilt
Shoulder
Camera 2
Pan Tilt
RPM



Port SC 24 Data Enable	Port SC 12	Cable Sted On/Off
STBD Sc 12	FO SC 12 Data Enable	USBL Off/On By Default
STBD Sc 24 Data Enable	FO Sc 24	USBL Omni/Dir

Depth
Setpoint
Mesotech
Vertical Speed

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List



Directory:

./config

012607.cfg	032909.cfg	051308.cfg
031306.cfg	040611.cfg	062005dave
031306_bak.cfg	041408.cfg	062509.cfg
031711.cfg	041408_bak.cfg	070208.cfg
031910ventana.cfg	042506.cfg	070208_bak
031910ventana_bak.cfg	042606.cfg	070607.cfg
032207.cfg	042705.cfg	070607_bak

File name:

Save

Files of type: Config Files (*.cfg)

Cancel

Thruster Spare Servo

0



KVH 113
Ship 0.0
Auto
Turns 0 Ship

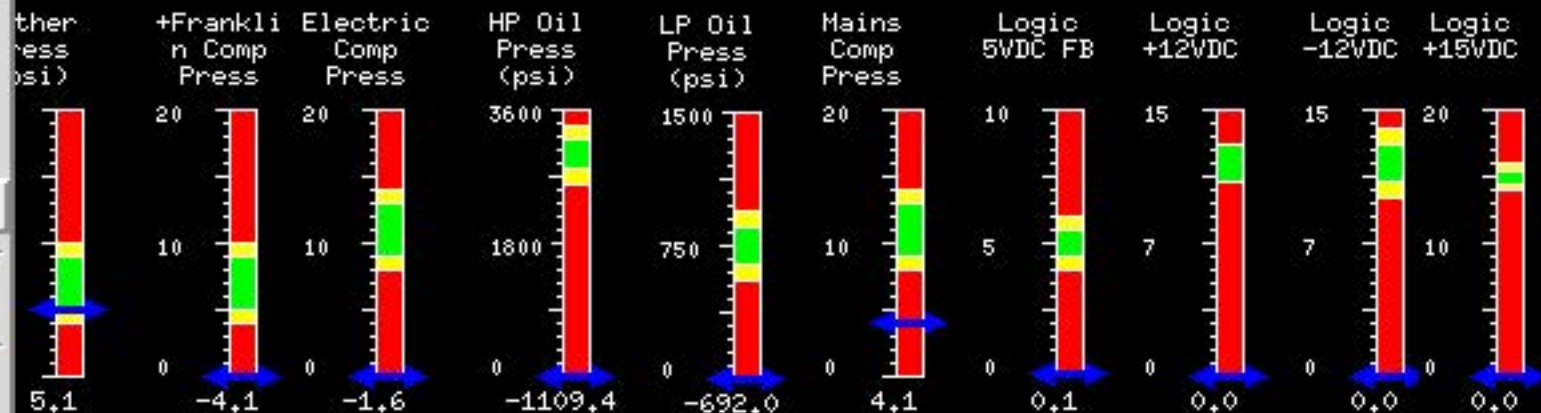
Backup

Reset Turn

Aux Cam 1	ACM Power
Aux Cam 2	MOBB On/Off
Aux Cam 3 Upper Cam	Insite+MSC Cameras
Lasers	Compass
TD Power	Ethernet Enable
DVL Power	CTD Pump
Main Camera	Homer
Schilling	Sonar Power
	FO 120 VAC On/Off
	FO TB42-3 MPL-1
	FO MPL19 TB47-2

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

New
Open
Save
Save As
Download New Software
Quit



Thruster Spare Servo
0

Enable

HD CAMERA
(grey=on)



KVH 113
Ship 0.0
Auto
Turns 0 Ship

Backup

Reset Turn

Digital Still
Camera

Aux Cam 1

ACM Power

FOG Power

Aux Cam 2

MOBB
On/Off

Mesotech

Aux Cam 3
Upper Cam

Insite+MSC
Cameras

Imaginex

Lasers

Compass

Core 120VAC

CTD Power

Ethernet
Enable

DVL Power

CTD Pump

FO 120 VAC
On/Off

Main Camera

Homer

FO TB42-3
MPL-1

Schilling

Sonar Power

FO MPL19
TB47-2

Shoulder

Sine	Analog Input 3	v	Command	Analog Input 3
Cosine	Analog Input 4	v	Master	-138.386
Offset	-80		Feedback	0.000

Swing

Sine	Analog Input 1	v	Command	Analog Input 1
Cosine	Analog Input 2	v	Master	280.902
Offset	170		Feedback	0.000

Elbow

Sine	Analog Input 5	v	Command	Analog Input 5
Cosine	Analog Input 6	v	Master	431.570
Offset	-15		Feedback	0.000

Pitch

Sine	Analog Input 7	v	Command	Analog Input 7
Cosine	Analog Input 8	v	Master	263.579
Offset	-55		Feedback	0.000

Yaw

Sine	Analog Input 9	v	Command	Analog Input 9
Cosine	Analog Input 10	v	Master	324.330
Offset	15		Feedback	0.000

OK

analog_input_list2

Analog Input #1	Analog Input #17	Analog Input #33
Analog Input #2	Analog Input #18	Analog Input #34
Analog Input #3	Analog Input #19	Analog Input #35
Analog Input #4	Analog Input #20	Analog Input #36
Analog Input #5	Analog Input #21	Analog Input #37
Analog Input #6	Analog Input #22	Analog Input #38
Analog Input #7	Analog Input #23	Analog Input #39
Analog Input #8	Analog Input #24	Analog Input #40
Analog Input #9	Analog Input #25	Analog Input #41
Analog Input #10	Analog Input #26	Analog Input #42
Analog Input #11	Analog Input #27	Analog Input #43
Analog Input #12	Analog Input #28	Analog Input #44
Analog Input #13	Analog Input #29	Analog Input #45
Analog Input #14	Analog Input #30	Analog Input #46
Analog Input #15	Analog Input #31	Analog Input #47
Analog Input #16	Analog Input #32	Analog Input #48

Close

I	0
D	.1

Arm Control

Shoulder

Sine	Analog Input 3	v	Command	Analog Input 15	v	Servo	Analog Output 1	v	P	8
Cosine	Analog Input 4	v	Master	-138.386					I	0.004
Offset	-80		FeedBack	0.000		Time Const	7	X 20mS	D	0

Swing

Sine	Analog Input 1	v	Command	Analog Input 16	v	Servo	Analog Output 11	v	P	-30
Cosine	Analog Input 2	v	Master	280.902					I	0
Offset	170		Feedback	0.000					D	-1

Elbow

Sine	Analog Input 5	v	Command	Analog Input 14	v	Servo	Analog Output 13	v	P	-8
Cosine	Analog Input 6	v	Master	431.570					I	-0.000
Offset	-15		Feedback	0.000					D	-0.02

Pitch

Sine	Analog Input 7	v	Command	Analog Input 13	v	Servo	Analog Output 14	v	P	30
Cosine	Analog Input 8	v	Master	263.579					I	0
Offset	-55		Feedback	0.000					D	0

Yaw

Sine	Analog Input 9	v	Command	Analog Input 12	v	Servo	Analog Output 15	v	P	16
Cosine	Analog Input 10	v	Master	324.330					I	0
Offset	15		Feedback	0.000					D	.1

OK

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List



Thruster Spare Servo
0



KVH 113

Ship 0.0

Auto

Turns 0 Ship

Backup Reset Turn

Auto Cruise

Auto Cruise

Foreward Speed 0.00 M/Sec Lateral Speed 0.00 M/Sec

Foreward Speed 0 M/Sec Lateral Speed 0 M/Sec

Close Fore Aft Port Stbd

Water Track Bottom Track

Core 120VAC	CTD Power	Ethernet Enable
DVL Power	CTD Pump	FO 120 VAC On/Off
Main Camera	Homer	FO TB42-3 MPL-1
Schilling	Sonar Power	FO MPL19 TB47-2

File

Maintenance

Light Isolation

Instruments

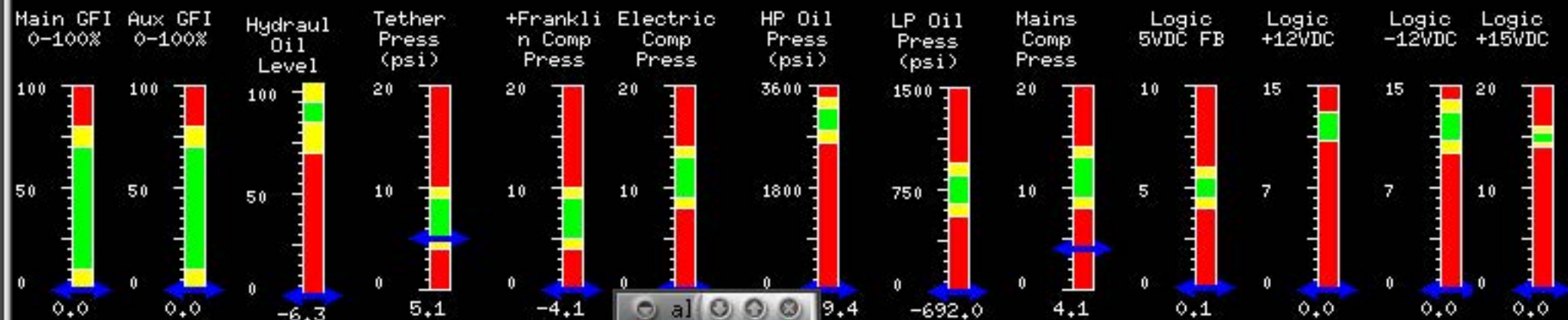
Tools

Detritus

Annotate

Overlay

Alarm List


 Thruster Spare Servo
 0

Enable

 HD
 (grey=on)

 No Ack Auto
 Pilot Setup

 KVH 113
 Ship 0.0
 Auto
 Turns 0 Ship --->

Backup

Reset Turn

Digital Still Camera

Aux Cam 1

ACM Power

FOG Power

Aux Cam 2

MOBB
On/Off

Mesotech

Aux Cam 3
Upper CamInsite+MSC
Cameras

Imaginex

Lasers

Compass

Core 120VAC

CTD Power

Ethernet
Enable

DVL Power

CTD Pump

FO 120 VAC
On/Off

Main Camera

Homer

FO TB42-3
MPL-1

Schilling

Sonar Power

FO MPL19
TB47-2

File

Maintenance

Light Isolation

Instruments

Tools

Detritus

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Alarm List

Auto Pilot

Auto Pilot

INPUT

Surface

Foreaft

Analog Input 2



Turns

Analog Input 4



AutoHead

Digital Input 5



AutoDepth

Digital Input 4



AutoAltitude

Digital Input 6



AutoCruise

Digital Input 7



Depth Jog Up

Digital Input 2



Depth Jog Down

Digital Input 3



PID

AutoHead

P 80

I 0

D 16

AutoDepth

P 200

Subsea

Primary Heading

FOG GYRO



Secondary Heading

BACKUP COMPASS



Depth Transducer

Paroscientific

Altitude

MESOTECH



DVL Input

DVL

OUTPUT

Port Thruster

Analog Output 1



STBD Thruster

Analog Output 4



Vertical Thruster

Analog Output 5



Lateral Thruster

Analog Output 2



Ok

head_input_list

FOG GYRO

BACKUP COMPASS

DVL

Close

altitude_list

Mesotech

Tritech

DVL

Close

File Maintenance Light Isolation Instruments Tools Detritus

Auto Pilot

Auto Pilot

INPUT

Surface

Foreaft

Analog Input 2



Turns

Analog Input 4



AutoHead

Digital Input 5



AutoDepth

Digital Input 4



AutoAltitude

Digital Input 6



AutoCruise

Digital Input 7



Depth Jog Up

Digital Input 2



Depth Jog Down

Digital Input 3



PID

AutoHead

P 80

I 0

D 16

Subsea

Primary Heading

FOG GYRO



Secondary Heading

BACKUP COMPASS



Depth Transducer

Paroscientific

Altitude

MESOTECH



DVL Input

DVL

Analog Input #1

Analog Input #2

Analog Input #3

Analog Input #4

Analog Input #5

Analog Input #6

Analog Input #7

Analog Input #8

Analog Input #9

Analog Input #10

Analog Input #11

Analog Input #12

Analog Input #13

Analog Input #14

Analog Input #15

Analog Input #16

Close

Digital Input #1

Digital Input #2

Digital Input #3

Digital Input #4

Digital Input #5

Digital Input #6

Digital Input #7

Digital Input #8

Digital Input #9

Digital Input #10

Close

Alarm List

OUTPUT

Thruster

Output 1



Thruster

Output 4



Thruster

Output 5



Thruster

Output 2



File

Maintenance

Light Isolation

Instruments

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Detritus

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Overlay

Alarm List

Auto Pilot

INPUT

Surface

Foreaft

Analog Input 2



Turns

Analog Input 4



AutoHead

Digital Input 5



AutoDepth

Digital Input 4



AutoAltitude

Digital Input 6



AutoCruise

Digital Input 7



Depth Jog Up

Digital Input 2



Depth Jog Down

Digital Input 3



Subsea

Primary Heading

FOG GYRO



Secondary Heading

BACKUP COMPASS



Depth Transducer

Paroscientific

Altitude

MESOTECH



DVL Input

DVL

Auto Pilot

AutoHead

P 80

I 0

D 16

AutoDepth

P 200

I 0

D 90

AutoAltitude

P -30

I 0

D -0

AutoCruise

P 120

I 0

D 120

Analog Output #1

Analog Output #2

Analog Output #3

Analog Output #4

Analog Output #5

Analog Output #6

Analog Output #7

Analog Output #8

Analog Output #9

Analog Output #10

Analog Output #11

Analog Output #12

Analog Output #13

Analog Output #14

Analog Output #15

Analog Output #16

Close

OUTPUT

Port Thruster

Analog Output 1



STBD Thruster

Analog Output 4



Vertical Thruster

Analog Output 5



Lateral Thruster

Analog Output 2



Ok

Auto Pilot

INPUT

Surface

Foreaft Analog Input 2 v

Turns Analog Input 4 v

AutoHead Digital Input 5 v

AutoDepth Digital Input 4 v

AutoAltitude Digital Input 6 v

AutoCruise Digital Input 7 v

Depth Jog Up Digital Input 2 v

Depth Jog Down Digital Input 3 v

Subsea

Primary Heading FOG GYRO v

Secondary Heading BACKUP COMPASS v

Depth Transducer Paroscientific

Altitude MESOTECH v

DVL Input DVL

PID

AutoHead

P 80

I 0

D 16

AutoDepth

P 200

I 0

D 90

AutoAltitude

P -300

I 0

D -0

AutoCruise

P 1200

I 0

D 120

OUTPUT

Port Thruster

Analog Output 1 v

STBD Thruster

Analog Output 4 v

Vertical Thruster

Analog Output 5 v

Lateral Thruster

Analog Output 2 v

Ok

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

main
0-10
00
50

analog_input_list2

Analog Input #1	Analog Input #17	Av
Analog Input #2	Analog Input #18	Av
Analog Input #3	Analog Input #19	Av
Analog Input #4	Analog Input #20	Av
Analog Input #5	Analog Input #21	Av
Analog Input #6	Analog Input #22	Av
Analog Input #7	Analog Input #23	Av
Analog Input #8	Analog Input #24	Av
Analog Input #9	Analog Input #25	Av
Analog Input #10	Analog Input #26	Av
Analog Input #11	Analog Input #27	Av
Analog Input #12	Analog Input #28	Av
Analog Input #13	Analog Input #29	Av
Analog Input #14	Analog Input #30	Av
Analog Input #15	Analog Input #31	Av
Analog Input #16	Analog Input #32	Av

Close

surface_analog_input_list

Analog Input #1
Analog Input #2
Analog Input #3
Analog Input #4
Analog Input #5
Analog Input #6
Analog Input #7
Analog Input #8
Analog Input #9
Analog Input #10
Analog Input #11
Analog Input #12
Analog Input #13
Analog Input #14
Analog Input #15
Analog Input #16

Close

analog_output_list!

Analog Output #1
Analog Output #2
Analog Output #3
Analog Output #4
Analog Output #5
Analog Output #6
Analog Output #7
Analog Output #8
Analog Output #9
Analog Output #10
Analog Output #11
Analog Output #12
Analog Output #13
Analog Output #14
Analog Output #15
Analog Output #16

Close

Turns

Backup

Reset Turn

TB47-2

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Main GFI 0-100% Aux GFI 0-100% Hydraul 0-100% Tether Press +Franklin Comp Electric Comp HP Oil Press LP Oil Press Mains Comp Logic 5VDC FB Logic +12VDC Logic -12VDC Logic +15VDC

Camera Control

Cam Control

Shoulder

Sine	Analog Input 15	v	Command	Analog Input 7	v	Servo	Analog Output 8	v	P	6
Cosine	Analog Input 16	v	Master	30.0					I	0
Offset	8		FeedBack	0.000		Time Const	25	X 20mSec	D	.6

Pan

Sine	Analog Input 11	v	Command	Analog Input 5	v	Servo	Analog Output 6	v	P	-6
Cosine	Analog Input 12	v	Master	-90.0					I	0
Offset	55		Feedback	0.000					D	0

Tilt

Sine	Analog Input 13	v	Command	Analog Input 6	v	Servo	Analog Output 7	v	P	-5
Cosine	Analog Input 14	v	Master	-28.0					I	0
Offset	290		Feedback	0.000					D	-.1

OK

Turns 0 Ship

Backup

Reset Turn

Setting

Control Power

TB47-2

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Logging Field

Analog Input

1-8

9-16

17-24

25-32

33-40

41-48

Analog Output

1-8

1 DAC 1

2 DAC 2

3 DAC 3

4 DAC 4

5 DAC 5

6 DAC 6

7 DAC 7

8 DAC 8

1-4

Close

Add Logging Field

Select Type

arm - yaw command

◆ Sub Analog

◆ Surface Analog

◆ Telemetry Error

◆ Teleos Input

◆ Heading

◆ Pitch

◆ Roll

◆ Depth (Meter)

◆ Depth (Milibar)

◆ Speed 1

◆ Speed 2

◆ Speed 3

◆ Water Alarm

◆ GF Board 1

◆ GF Board 2

☐ Disk Enable

Existing Logging Field

Logging Fields

Depth
Heading
Altimeter #1
DAC 1
DAC 2
DAC 3
DAC 4
DAC 5
DAC 6
Hydraulic Oil Level
HP Oil Press (psi)
Mains Comp Press

Filename 110811

Logging Time 600 min

Sampling Int 100 100 ms

OK

Add

Remove

Close

Backup

Reset Turn

File

Maintenance

Light Isolation

Instruments

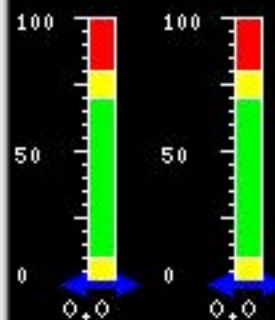
Tools

Detritus

Annotate

Overlay

Alarm List

Main GFI 0-100%
Aux GFI 0-100%Thruster Spare
0KVH 113
Ship 0.0
Auto
Turns 0

Backup

Reset Turn

Hudraul

Tether

+Frankli Electric

HP Oil

LP Oil

Mains

Logic

Logic

Logic

Logic

Logging Field

Add Logging Field

Existing Logging Field

Select Type

- ☐ Sub Analog
- ☐ Surface Analog
- ☐ Telemetry Error
- ☐ Teleos Input
- ☐ Heading
- ☐ Pitch
- ☐ Roll
- ☐ Depth (Meter)
- ☐ Depth (Milibar)
- ☐ Speed 1
- ☐ Speed 2
- ☐ Speed 3
- ☐ Water Alarm
- ☐ GF Board 1
- ☐ GF Board 2

☐ Disk Enable

Logging Fields

Depth
Heading
Altimeter #1
DAC 1
DAC 2
DAC 3
DAC 4
DAC 5
DAC 6
Hydraul Oil Level
HP Oil Press (psi)
Mains Comp Press

Filename 110811

Logging Time 600 min

Sampling Int 100 100 ms

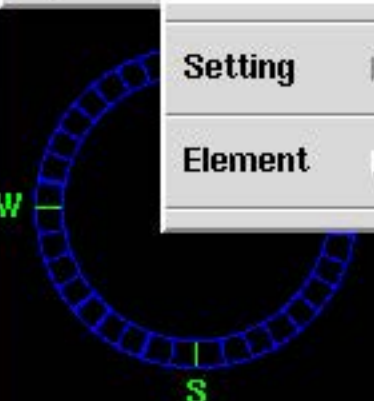
OK

Add

Remove

Close

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List



Fog

Ship

Auto

Turns Ship

Primary

Reset Turn

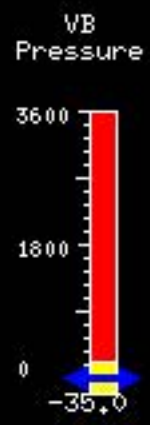
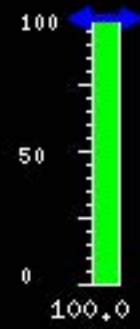
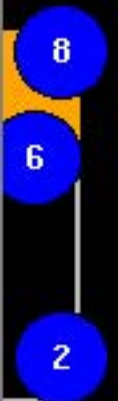
Velocity mtr/min

Tether meter

Tension lbs

Pressure psi

- Setting
- Element
- Dive Number
- RPM Interval
- Latitude
- Teleos Setup
- Disk Logging
- Auto Cruise
- Auto Pilot
- Arm Control
- Camera Control
- Software Stats
- Pilot Interface



Pitch

Camera

Pan

Shoulder

Camera

Pan

RPM

Software Statistics

Serial Devices Transmit Thread

Telemetry Receive Thread

Heading History & Telemetry Timeout Thread

Depth History Thread

Analog IO Polling Thread

Digital IO Polling Thread

Disk Logging Thread

Serial Devices Receive Thread

Close

Camera Enable

Arm Enable

Rock On

Pilot Interface

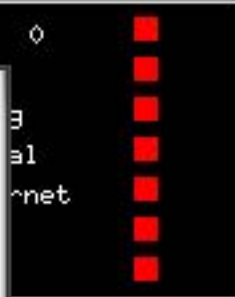
Port SC 24 Data Enable	Port SC 12	Camera Arm On/Off
STBD Sc 12	FO SC 12 Data Enable	USBL Off/On By Default
STBD Sc 24 Data Enable	FO Sc 24	IUSBL Omni/Dir

Depth

Setpoint

Mesotech

Vertical Speed



File

Maintenance

Light Isolation

Instruments

Tools

Detritus

Annotate

Overlay

Alarm List

Teleos Setup

Teleos Setup

Mode

Old Mode

Pass Through

Reverse Mode

Foreaft

Turns

Lateral

Vertical

KF1	925920.00	925920.00	15840.00	26400.00
KF2	1339560.00	1339560.00	78400.00	108900.00
DB	0.00	0.00	0.00	0.00
ST	0.00	0.00	0.00	0.00

Ethernet Transmit (Hz) 0

Ethernet Receive (Hz) 0

Ok

Close

TX [0 2047 2047 2047 2047 0 3662 14553742 0.000 0.000 0.000 -0.969 0.000 0.000 0.0

0 0.000 0.000 0.000 0.000 0.000 0.000 -147.919 -114.737 0.000 0.000]\n

RX Error Code 11: No Data Available (Non Blocking)

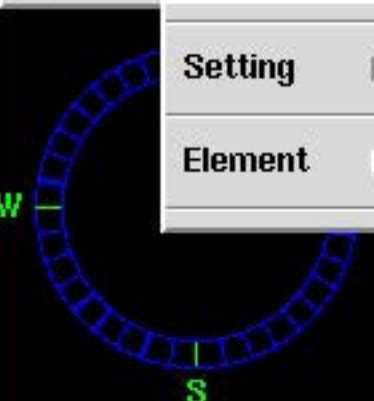
DVL XVbot, YVbot, ZVbot, EVbot, Bm1, Bm2, Bm3, Bm4,BS, XVref, YVref, ZVref, EVref,WS,Hr,Mn,So,HS,Temp,Pitch, Roll, yaw

DVL 0, 0

DVL DMG-Xbottom,DMG-Ybottom,DMG-Zbottom,DMG-Ebottom,DMG-Xwater ,DMG-Ywater ,DMG-Zwater ,DMG-Ewater

DVL 0, 0, 0, 0, 0, 0, 0, 0

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List



Fog

Ship

Auto

Turns

Primary

Velocity mtr/min

Tether meter

Tension lbs

Pressure psi

- Setting
- Element
- Dive Number
- RPM Interval
- Latitude
- Teleos Setup
- Disk Logging
- Auto Cruise
- Auto Pilot
- Arm Control
- Camera Control
- Software Stats
- Pilot Interface



Pitch Roll

Camera 1

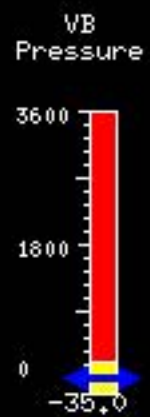
Pan Tilt

Shoulder

Camera 2

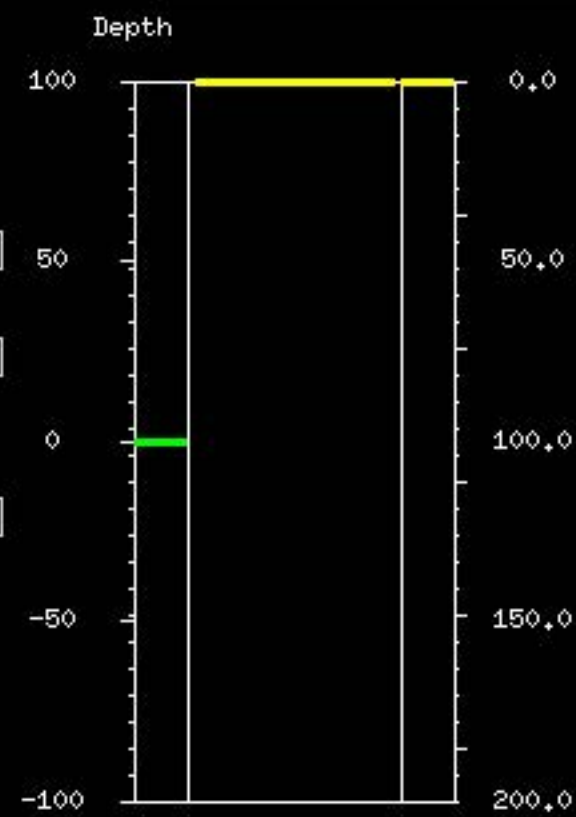
Pan Tilt

RPM



VB FLOOD

Telemetry	0	☐
Bypass		☐
Disk Logging		☐
Teleos Serial		☐
Teleos Ethernet		☐
Ship Gyro		☐
TMS		☐



Camera Enable

Arm Enable

Rock On

Pilot Interface

Port SC 24 Data Enable	Port SC 12	Cable Sled On/Off
STBD Sc 12	FO SC 12 Data Enable	USBL Off/On By Default
STBD Sc 24 Data Enable	FO Sc 24	I/USBL Omni/Dir

Depth

Setpoint

Mesotech

Vertical Speed

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Main GFI 0-100%

Setting

Element

0 50 100

0.0 0.0 -6.0

- Dive Number
- RPM Interval
- Latitude
- Disk Logging
- Auto Cruise
- Auto Pilot
- Arm Control
- Camera Control

Dive Number

Dive Number

3662

Ok Close

RPM Interval

RPM Interval

2

Ok Close

Latitude

Latitude

36.75

Ok Close

Thruster Spare Servo 0

Enable



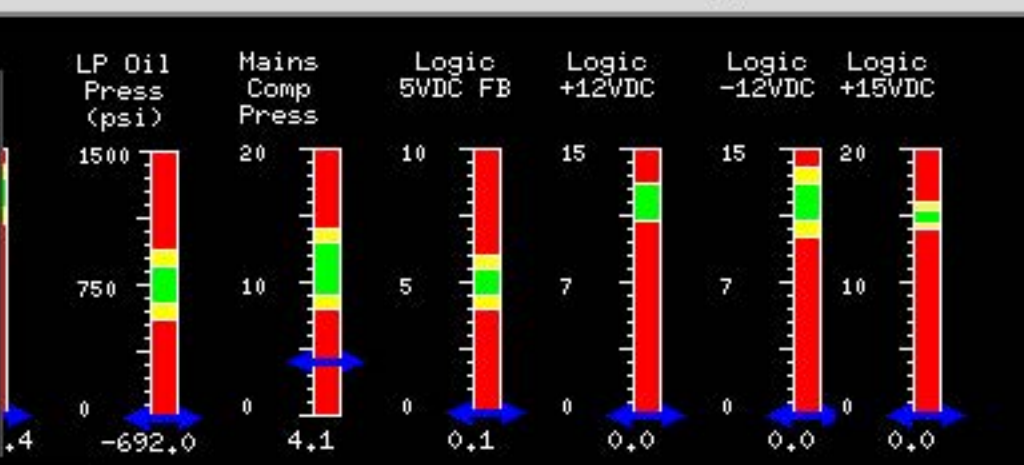
KVH 113

Ship 0.0

Auto

Turns 0 Ship

Backup Reset Turn



Digital Still Camera	Aux Cam 1	ACM Power
FOG Power	Aux Cam 2	MOBB On/Off
Mesotech	Aux Cam 3 Upper Cam	Insite+MSC Cameras
Imaginex	Lasers	Compass
Core 120VAC	CTD Power	Ethernet Enable
DVL Power	CTD Pump	FO 120 VAC On/Off
Main Camera	Homer	FO TB42-3 MPL-1
Schilling	Sonar Power	FO MPL19 TB47-2

File

Maintenance

Light Isolation

Instruments

Tools

Detritus

Annotate

Overlay

Alarm List

Setting

Element

Display All Element

Surface

Vehicle

Tether
Press
(psi)+Frankli
n Comp
PressElectric
Comp
PressHP Oil
Press
(psi)LP Oil
Press
(psi)Mains
Comp
PressLogic
5VDC FBLogic
+12VDCLogic
-12VDCLogic
+15VDCThruster Spare Servo
0

Enable

HD CAMERA
(grey=on)Digital Still
Camera

Aux Cam 1

ACM Power

FOG Power

Aux Cam 2

MOBB
On/Off

Mesotech

Aux Cam 3
Upper CamInsite+MSC
Cameras

Imaginex

Lasers

Compass

Core 120VAC

CTD Power

Ethernet
Enable

DVL Power

CTD Pump

FO 120 VAC
On/Off

Main Camera

Homer

FO TB42-3
MPL-1

Schilling

Sonar Power

FO MPL19
TB47-2

KVH 113

Ship 0.0

Auto

Turns 0 Ship

Backup

Reset Turn

Ventana Screen 1

File

Maintenance

Light Isolation

Instrun

N

W

E

S

7

8

5

4

6

1

3

2

Fog

0

Ship

0.0

Top Analog Input

1 (TB5-37) Lateral Command	-5.2	0.0
2 (TB5-36) Fore/aft Command	5.1	0.0
3 (TB5-35) Vertical Command	5.0	0.0
4 (TB5-34) Turns Command	5.6	0.0
5 (TB5-33) cam - pan command	90.0	0.0
6 (TB5-32) cam - tilt command	152.0	0.0
7 (TB5-31) cam - shoulder command	210.0	0.0
8 (TB5-30) Bellypack Port	-5.0	0.0
9 (TB5-18) Bellypack Stbd	-6.5	0.0
10(TB5-17) Bellypack lateral	-5.1	0.0
11(TB5-16) Bellypack Vertical	-5.0	0.0
12(TB5-15) arm - yaw command	324.3	0.0
13(TB5-14) arm - pitch command	263.6	0.0
14(TB5-13) arm - elbow command	431.6	0.0
15(TB5-12) arm - shoulder command	-138.4	0.0
16(TB5-11) arm - wrist command	280.9	0.0
17(TB5-10) arm - hand command	0.0	0.0
18(TB5-9) arm - finger command	0.0	0.0
19(TB5-8) arm - thumb command	0.0	0.0
20(TB5-7) arm - index command	0.0	0.0
21(TB5-6) arm - middle command	0.0	0.0
22(TB5-5) arm - ring command	0.0	0.0
23(TB5-4) arm - pinky command	0.0	0.0
24(TB5-3) arm - wrist command	0.0	0.0
25(TB5-2) arm - hand command	0.0	0.0
26(TB5-1) arm - finger command	0.0	0.0
27(TB5-0) arm - thumb command	0.0	0.0
28(TB5-37) Lateral Command	-5.2	0.0
29(TB5-36) Fore/aft Command	5.1	0.0
30(TB5-35) Vertical Command	5.0	0.0
31(TB5-34) Turns Command	5.6	0.0
32(TB5-33) cam - pan command	90.0	0.0
33(TB5-32) cam - tilt command	152.0	0.0
34(TB5-31) cam - shoulder command	210.0	0.0
35(TB5-30) Bellypack Port	-5.0	0.0
36(TB5-18) Bellypack Stbd	-6.5	0.0
37(TB5-17) Bellypack lateral	-5.1	0.0
38(TB5-16) Bellypack Vertical	-5.0	0.0
39(TB5-15) arm - yaw command	324.3	0.0
40(TB5-14) arm - pitch command	263.6	0.0
41(TB5-13) arm - elbow command	431.6	0.0
42(TB5-12) arm - shoulder command	-138.4	0.0
43(TB5-11) arm - wrist command	280.9	0.0
44(TB5-10) arm - hand command	0.0	0.0
45(TB5-9) arm - finger command	0.0	0.0
46(TB5-8) arm - thumb command	0.0	0.0
47(TB5-7) arm - index command	0.0	0.0
48(TB5-6) arm - middle command	0.0	0.0
49(TB5-5) arm - ring command	0.0	0.0
50(TB5-4) arm - pinky command	0.0	0.0
51(TB5-3) arm - wrist command	0.0	0.0
52(TB5-2) arm - hand command	0.0	0.0
53(TB5-1) arm - finger command	0.0	0.0
54(TB5-0) arm - thumb command	0.0	0.0

Close

Show Output

Sub Analog Output

(TB4-1) Port Thrust	0.00
(TB4-2) Lat Thrust	0.00
(TB4-3) Spare Servo 1	0.00
(TB4-4) Stbd Thrust	0.00
(TB4-5) Vert Thrust	0.00
(TB4-6) Cam Pan	0.00
(TB4-7) Cam Tilt	0.00
(TB4-8) Cam Shoulder	0.00
(TB4-9) Spare 3000 Servo	0.00
(TB4-10) Spare 3000 Servo	0.00
(TB4-11) Manip Swing	0.00
(TB4-12) Manip Shoulder	0.00
(TB4-13) Manip Elbow	0.00
(TB4-14) Manip Pitch	0.00
(TB4-15) Manip Yaw	0.00
(TB4-16) Spare LP Servo	0.00

Close

Camera Enable

Arm Enable

Rock On

Pilot Interface

STBD Sc 24 Data Enable

FO Sc 24

USBL Omni/Dir

Vertical Speed

0.0

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Telemetry 0

Sub Analog Input

1 (AI1-29)	Arm Swing sine	-1.7	0.0	33(TB6-1)	Logic 5VDC FB	0.1	0.0
2 (AI1-32)	Arm Swing cosine	-1.8	0.0	34(TB6-2)	Logic +12VDC	0.0	0.0
3 (AI1-35)	Arm Shoulder Sine	-2.3	0.0	35(TB6-3)	Logic -12VDC	0.0	0.0
4 (AI1-38)	Arm Shoulder Cosine	-2.1	0.0	36(TB6-4)	Logic +15VDC	0.0	0.0
5 (AI1-41)	Arm Elbow Sine	-1.0	0.0	37(TB6-5)	Main GFI 0-100%	0.0	0.0
6 (AI1-44)	Arm Elbow Cosine	-1.0	0.0	38(TB6-6)	Aux GFI 0-100%	0.0	0.0
7 (AI1-47)	Arm Pitch Sine	-1.0	0.0	39(TB6-7)	Can Temp	0.0	0.0
8 (AI1-50)	Arm Pitch Cosine	-1.0	0.0	40(TB6-8)	G96 Temp Deg.C	1.0	0.0
9 (AI1-3)	Arm Yaw Sine	-1.7	0.0	41(TB6-10)	Aux Head Sine	-1.5	0.0
10(AI1-6)	Arm Yaw Cosine	-1.7	0.0	42(TB6-11)	Aux Head Cosine	-1.5	0.0
11(AI1-9)	Camera Pan Sine	-1.8	0.0	43(TB6-12)	Depth	0.0	0.0
12(AI1-12)	Camera Pan Cosine	-1.8	0.0	44(TB6-13)	none	0.0	0.0
13(AI1-15)	Camera Tilt Sine	-2.0	0.0	45(TB6-14)		0.0	0.0
14(AI1-18)	Camera Tilt Cosine	-2.0	0.0	46(TB6-15)		0.0	0.0
15(AI1-21)	Camera Shoulder Sin	-2.2	0.0	47(TB6-16)		0.0	0.0
16(AI1-24)	Camera Shoulder Cos	2.2	0.0				
17(AI2-29)	Altimeter #1	-1.0	0.0				
18(AI2-32)	Hydraulic Oil Level	-6.3	0.0				
19(AI2-35)	Upper P&T pan	-114.7	0.0				
20(AI2-38)	Upper P&T tilt	-147.9	0.0				
21(AI2-41)	HP Oil Press (psi)	-1109.4	0.0				
22(AI2-44)	LP Oil Press (psi)	-692.0	0.0				
23(AI2-47)	Tether Press (psi)	5.1	0.0				
24(AI2-50)	Electric Comp Press	-1.6	0.0				
25(AI2-3)	Mains Comp Press	4.1	0.0				
26(AI2-6)	+Franklin Comp Pres:	-4.1	0.0				
27(AI2-9)	Valves 24VDC Power I	0.0	0.0				
28(AI2-12)	VB Water Level	100.0	0.0	60(TB7-13)	Manip Shoulder	0.00	0.00
29(AI2-15)	FOG Sine	0.0	0.0	61(TB7-14)	Manip Elbow	0.00	0.00
30(AI2-18)	FOG Cosine	0.0	0.0	62(TB7-15)	Manip Pitch	0.00	0.00
31(AI2-21)	VB Pressure	-35.0	0.0	63(TB7-16)	Manip Yaw	0.00	0.00
32(AI2-24)	Tritech/Imagenex	1.6	0.0	64(TB7-17)	Spare LP Servo	0.00	0.00

Top Analog Output

Close

Close

Show Output

Fog
Ship
Auto
Turns
Primar
Veloci
Tethe
Tensi
Press

Camera
Enabl

0.0
50.0
100.0
150.0
200.0

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Top Digital Input

1 (TB1-47) Bellypack	Off	33(TB2-31)	None	65(TB3-15) Swing Arm Brake In	Off
2 (TB1-45) Depth Jog Up	Off	34(TB2-29)	None	66(TB3-13) Swing Arm Brake Out	Off
3 (TB1-43) Depth Jog Down	Off	35(TB2-27) Port Manip Jaw close	Off	67(TB3-11)	None
4 (TB1-41) Auto Depth Switch	Off	36(TB2-25) Port Manip Jaw Open	Off	68(TB3-9)	None
5 (TB1-39) Auto Heading Switch	Off	37(TB2-23) Port Manip Rotate CW	Off	69(TB3-7) Tool	Off
6 (TB1-37) Auto Altitude Switch	Off	38(TB2-21) Port Manip Rotate CCW	Off	70(TB3-5) Tool	Off
7 (TB1-35) AutoCruise	Off	39(TB2-19) Bypass	Off	71(TB3-3)	None
8 (TB1-33)	None	40(TB2-17) Arm Enable	Off	72(TB3-1)	None
9 (TB1-31)	None	41(TB2-15) Toolsled Valve 1a	Off	73(TB4-47)	None
10(TB1-29)	None	42(TB2-13) Toolsled Valve 1b	Off	74(TB4-45)	None
11(TB1-27)	None	43(TB2-11) Toolsled Valve 2a	Off	75(TB4-43)	None
12(TB1-25)	None	44(TB2-9) Toolsled Valve 2b	Off	76(TB4-41)	None
13(TB1-23)	None	45(TB2-7) Toolsled Valve 5a	Off	77(TB4-39)	None
14(TB1-21)	None	46(TB2-5) Toolsled Valve 5b	Off	78(TB4-37)	None
15(TB1-19)	None	47(TB2-3) Toolsled Valve 6a	Off	79(TB4-35)	None
16(TB1-17)	None	48(TB2-1) Toolsled Valve 6b	Off	80(TB4-33)	None
17(TB1-15)	None	49(TB3-47) Detritus	Off	81(TB4-31)	None
18(TB1-13)	None	50(TB3-45) Detritus	Off	82(TB4-29)	None
19(TB1-11)	None	51(TB3-43)	None	83(TB4-27)	None
20(TB1-9)	None	52(TB3-41) none	Off	84(TB4-25)	None
21(TB1-7)	None	53(TB3-39)	None	85(TB4-23)	None
22(TB1-5)	None	54(TB3-37)	None	86(TB4-21)	None
23(TB1-3)	None	55(TB3-35)	None	87(TB4-19)	None
24(TB1-1)	None	56(TB3-33)	None	88(TB4-17)	None
25(TB2-47) Upper Camera Pan Left	Off	57(TB3-31) Toolsled Valve 3a	Off	89(TB4-15)	None
26(TB2-45) Upper Camera Pan Right	Off	58(TB3-29) Toolsled Valve 3b	Off	90(TB4-13)	None
27(TB2-43) Upper Camera Tilt Up	Off	59(TB3-27) Toolsled Valve 4a	Off	91(TB4-11)	None
28(TB2-41) Upper Camera Tilt Down	Off	60(TB3-25) Toolsled Valve 4b	Off	92(TB4-9)	None
29(TB2-39) Red Joystick Button	Off	61(TB3-23) Toolsled Valve 7a	Off	93(TB4-7)	None
30(TB2-37) 0	Off	62(TB3-21) Toolsled Valve 7b	Off	94(TB4-5)	None
31(TB2-35)	None	63(TB3-19) Toolsled Valve 8a	Off	95(TB4-3)	None
32(TB2-33)	None	64(TB3-17) Toolsled Valve 8b	Off	96(TB4-1)	None

Close

Output
(1-32)

Output
(33-64)

Output
(65-96)

Ventana Screen 1

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Setting

Element

Display All Element

Surface

Vehicle

Top Digital

Top Analog

Sub Digital

Sub Analog

Top Analog Out

Button List

Close

Output (1-32)

Sub Digital Output

Close

1	(TB1-37) Auto Al	None	33(TB2-31)	None	65(TB3-15) Swing Arm Brake In	Off
2	(TB1-35) AutoCru	None	34(TB2-29)			
3	(TB1-33)	None	35(TB2-27) Port Mani			
4	(TB1-31)	None	36(TB2-25) Port Mani			
5	(TB1-29)	None				
6	(TB1-27)	None				
7	(TB1-25)	None				
8	(TB1-23)	None				
9	(TB1-21)	None				
10	(TB1-19)	None				
11	(TB1-17)	None	48(TB2-1) Toolsled V			
12	(TB1-15)	None	49(TB3-47) Detritus			
13	(TB1-13)	None	50(TB3-45) Detritus			
14	(TB1-11)	None	51(TB3-43)			
15	(TB1-9)	None	52(TB3-41) none			
16	(TB1-7)	None	53(TB3-39)			
17	(TB1-5)	None	54(TB3-37)			
18	(TB1-3)	None	55(TB3-35)			
19	(TB1-1)	None	56(TB3-33)			
20	(TB2-47) Upper Camera Pan Left	Off	57(TB3-31) Toolsled V			
21	(TB2-45) Upper Camera Pan Right	Off	58(TB3-29) Toolsled V			
22	(TB2-43) Upper Camera Tilt Up	Off	59(TB3-27) Toolsled V			
23	(TB2-41) Upper Camera Tilt Down	Off	60(TB3-25) Toolsled V			
24	(TB2-39) Red Joystick Button	Off	61(TB3-23) Toolsled V			
25	(TB2-37) 0	Off	62(TB3-21) Toolsled V			
26	(TB2-35)	None	63(TB3-19) Toolsled V			
27	(TB2-33)	None	64(TB3-17) Toolsled V			
28						
29						
30						
31						
32						

25 Upper Camera Pan Left 25 {(TB10-4,5,6) MPL3 2}

26 Upper Camera Pan Right 26 {(TB10-1,2,3) MPL3 1}

27 Upper Camera Tilt Up 27 {(TB10-7,8,9) MPL3 3}

28 Upper Camera Tilt Down 28 {(TB10-10,11,12) MPL3 4}

29 Red Joystick Button 29

30 0 30

31 31

32 32

Setting
Element

Fog 0
Ship 0.0
Auto
Turns Ship
Primary Reset Turn

Velocity 0 mtr/min
Tether 0 meter
Tension 0 lbs
Pressure 0 psi

Camera Enable Arm Enable Rock On Pilot Interface

Display All Element
Surface Vehicle
Top Digital
Top Analog
Sub Digital
Sub Analog
Top Analog Out
Button List

Sub Analog Input

1 Depth	0.0
2	
3	
4	

Close

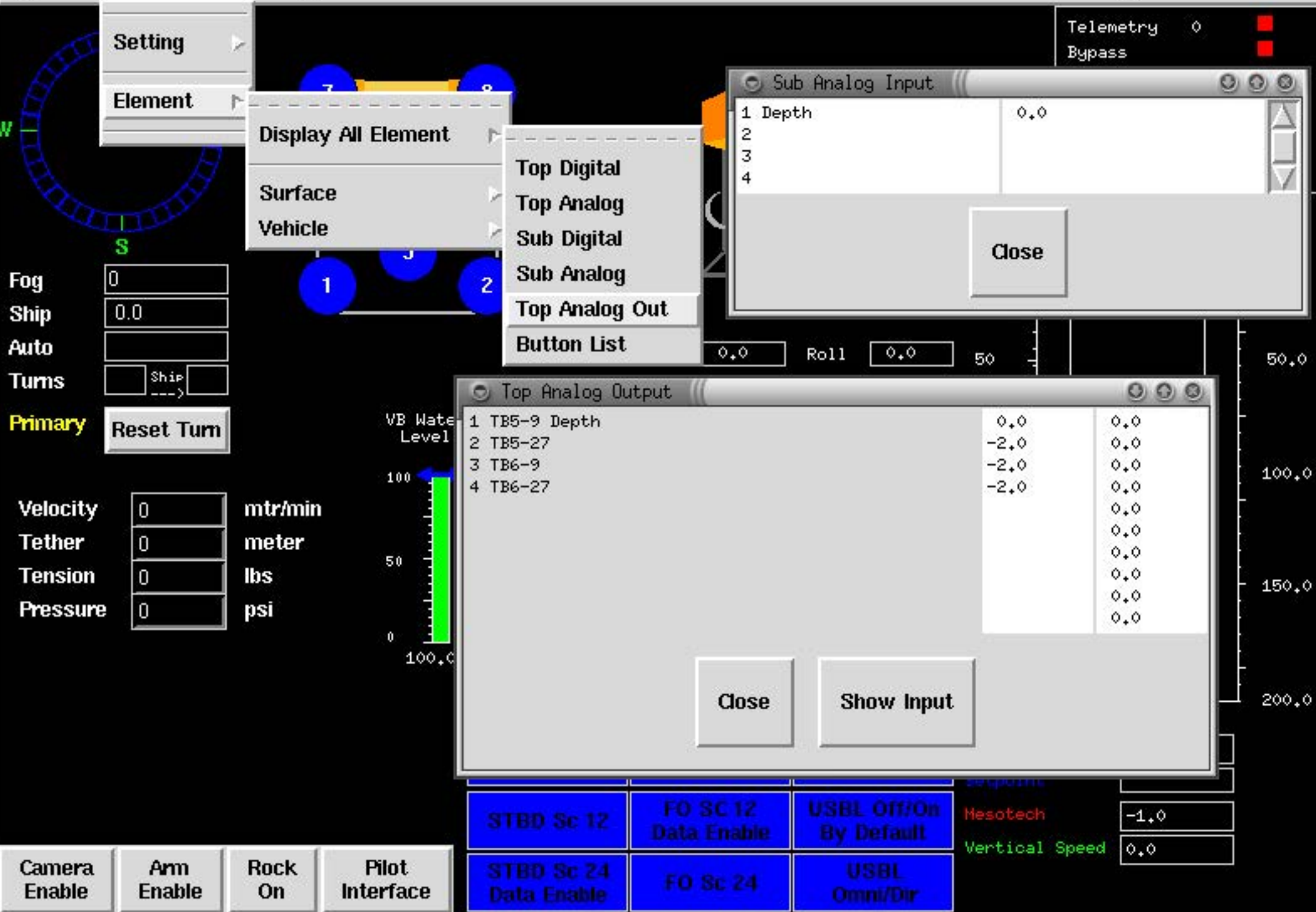
Top Analog Output

1 TB5-9 Depth	0.0	0.0
2 TB5-27	-2.0	0.0
3 TB6-9	-2.0	0.0
4 TB6-27	-2.0	0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0

Close Show Input

STBD Sc 12 FO SC 12 Data Enable USBL On/On By Default
STBD Sc 24 FO Sc 24 USBL Omni/Dir

Mesotech -1.0
Vertical Speed 0.0



Ventana Screen 1

File Maintenance Light Isolation Instrum

Top Analog Input

1 (TB5-37)	Lateral Command	-5.2	0.0
2 (TB5-36)	Fore/aft Command	5.1	0.0
3 (TB5-35)	Vertical Command	5.0	0.0
4 (TB5-34)	Turns Command	5.6	0.0
5 (TB5-33)	cam - pan command	90.0	0.0
6 (TB5-32)	cam - tilt command	152.0	0.0
7 (TB5-31)	cam - shoulder command	210.0	0.0
8 (TB5-30)	Bellypack Port	-5.0	0.0
9 (TB5-18)	Bellypack Stbd	-6.5	0.0
10 (TB5-17)	Bellypack lateral	-5.1	0.0
11 (TB5-16)	Bellypack Vertical	-5.0	0.0
12 (TB5-15)	arm - yaw command	324.3	0.0
13 (TB5-14)	arm - pitch command	263.6	0.0
14 (TB5-13)	arm - elbow command	431.6	0.0
15 (TB5-12)	arm - shoulder command	-138.4	0.0
16 (TB5-11)	arm - swing command	280.9	0.0
17 (TB6-37)		0.0	0.0
18 (TB6-36)		0.0	0.0
19 (TB6-35)		0.0	0.0
20 (TB6-34)		0.0	0.0
21 (TB6-33)		0.0	0.0
22 (TB6-32)		0.0	0.0
23 (TB6-31)		0.0	0.0
24 (TB6-30)		0.0	0.0
25 (TB6-18)	pilot pot #1 (far right)	-5.0	0.0
26 (TB6-17)	pilot pot #2	-4.9	0.0
27 (TB6-16)	pilot pot #3	-5.0	0.0
28 (TB6-15)	pilot pot #4	0.0	0.0
29 (TB6-14)	pilot pot #5	0.0	0.0
30 (TB6-13)	test3	0.0	0.0
31 (TB6-12)	test2	0.0	0.0
32 (TB6-11)	test	0.0	0.0

Close Show Output

Port Data STBD

STBD Sc 24 Data Enable FO Sc 24 USBL Omni/Dir

Camera Enable Arm Enable Rock On Pilot Interface

Fog 0 Ship 0.0 Auto Turns Ship ---> Primary Reset Turn

Velocity 0 mtr/min Tether 0 meter Tension 0 lbs Pressure 0 psi

VB Water Level 100 50 0 100.0

W N E S

1 2 3 4 5 6 7 8

File

Maintenance

Light

Setting

Element

W

S

Fog

Ship

Auto

Turns

Primary

0

0.0

Ship

Reset Turn

Velocity

Tether

Tension

Pressure

0

0

0

0

mtr/min

meter

lbs

psi

12(TB5-13) arm

13(TB5-14) arm

14(TB5-13) arm

15(TB5-12) arm

16(TB5-11) arm

17(TB6-37)

18(TB6-36)

19(TB6-35)

20(TB6-34)

21(TB6-33)

22(TB6-32)

23(TB6-31)

24(TB6-30)

25(TB6-18) pilot pot #1 (far right)

26(TB6-17) pilot pot #2

27(TB6-16) pilot pot #3

28(TB6-15) pilot pot #4

29(TB6-14) pilot pot #5

30(TB6-13) test3

31(TB6-12) test2

32(TB6-11) test

pan command

tilt command

Top Digital

Top Analog

Sub Digital

Sub Analog

Top Analog Out

Button List

Close

Show Output

Top Analog Input

1 (TB5-37) Lateral Command	-5.2	0.0
2 (TB5-36) Fore/aft Command	5.1	0.0
3 (TB5-35) Vertical Command	5.0	0.0
4 (TB5-34) Turns Command	5.6	0.0
	90.0	0.0
	152.0	0.0
	210.0	0.0
	-5.0	0.0
	-6.5	0.0
	-5.1	0.0

Sub Analog Output

(TB4-1) Port Thrust	0.00
(TB4-2) Lat Thrust	0.00
(TB4-3) Spare Servo 1	0.00
(TB4-4) Stbd Thrust	0.00
(TB4-5) Vert Thrust	0.00
(TB4-6) Cam Pan	0.00
(TB4-7) Cam Tilt	0.00
(TB4-8) Cam Shoulder	0.00
(TB4-9) Spare 3000 Servo	0.00
(TB4-10) Spare 3000 Servo	0.00
(TB4-11) Manip Swing	0.00
(TB4-12) Manip Shoulder	0.00
(TB4-13) Manip Elbow	0.00
(TB4-14) Manip Pitch	0.00
(TB4-15) Manip Yaw	0.00

Close

Close

Show Output

0.0

-1.0

0.0

Camera Enable

Arm Enable

Rock On

Pilot Interface

STBD Sc 24 Data Enable

FO Sc 24

USBL Omni/Dir

Alarm List

metry 0

ass

Logging

Serial

Ethernet

Gyro

Ventana Screen 1

FileMaintenanceLight IsolationInstrumentsTools

Setting

Element

Display All Element

Surface

Vehicle

Top Digital

Top Analog

Sub Digital

Sub Analog

Top Analog Out

Button List

W

S

Fog

Ship

Auto

Turns

Primary

0

0.0

Ship

Reset Turn

Velocity

Tether

Tension

Pressure

0

0

0

0

mtr/min

meter

lbs

psi

VB Water Level

100

50

0

100.0

VB Pressure

3600

1800

0

-35.0

Camera

Pan

Shoulder

Camera

Pan

RPM

VB FI

Port SC 24 Data Enable

STBD Sc 12

STBD Sc 24 Data Enable

Port

FO S Data

FO Sc 24

USBL Omni/Dir

Camera Enable

Arm Enable

Rock On

Pilot Interface

Vertical Speed

0.0

Sub Digital Input

1 (TB3-1)	FOG Gyro GFI	Off
2 (TB3-2)	Valves Power GFI	Off
3 (TB3-3)	Instrument Power GFI	Off
4 (TB3-4)	Logic Bus GFI	Off
5 (TB3-5)	Lights GFI	Off
6 (TB3-6)	Toolsled GFI	Off
7 (TB3-7)	Core 120 VAC GFI	Off
8 (TB3-8)	Main 120VAC GFI	Off
9 (TB3-9)	Port Arm FB Water	Off
10(TB3-10)	Aux Heading Water	Off
11(TB3-11)	Pan & Tilt Servos Water	Off
12(TB3-12)	Thruster Servos Water	Off
13(TB3-13)	Doppler Water	Off
14(TB3-14)	Altimeter #1 Water	Off
15(TB3-15)	Altimeter #2 Water	Off
16(TB3-16)	Spare Water	Off
17(TB3-42)	Control Can Water	Off
18(TB3-41)	Fiber-Optic Can Water	Off
19(TB3-40)	FOG Water	Off
20(TB3-39)	Transformer Can Water	Off
21(TB3-38)	Core/Power Water	Off
22(TB3-37)	Spare Water	Off
23(TB3-36)	Term Can Water	Off
24(TB3-35)	Spare Water	Off
25(TB3-34)	G96 Hard Reset (Not Used)	Off
26(TB3-33)	G96 Halt (Not Used)	Off
27(TB3-32)	G96 IRQ2 / SBS47 IRQ10	Off
28(TB3-31)	G96 NMI/ Not Used By SBS47	Off
29(TB3-30)	G96 IRQ1 / SBS47 IRQ9	Off
30(TB3-29)	G96 IRQ4 / SBS47 IRQ5 RPM	Off
31(TB3-28)	Spare Digital In	Off
32(TB3-27)	Spare Digital In	Off

Close

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

N

Sub Analog Input

1 (AI1-29)	Arm Swing sine	-1.7	0.0	33(TB6-1)	Logic 5VDC FB	0.1	0.0
2 (AI1-32)	Arm Swing cosine	-1.8	0.0	34(TB6-2)	Logic +12VDC	0.0	0.0
3 (AI1-35)	Arm Shoulder Sine	-2.3	0.0	35(TB6-3)	Logic -12VDC	0.0	0.0
4 (AI1-38)	Arm Shoulder Cosine	-2.1	0.0	36(TB6-4)	Logic +15VDC	0.0	0.0
5 (AI1-41)	Arm Elbow Sine	-1.0	0.0	37(TB6-5)	Main GFI 0-100%	0.0	0.0
6 (AI1-44)	Arm Elbow Cosine	-1.0	0.0	38(TB6-6)	Aux GFI 0-100%	0.0	0.0
7 (AI1-47)	Arm Pitch Sine	-1.0	0.0	39(TB6-7)	Can Temp	0.0	0.0
8 (AI1-50)	Arm Pitch Cosine	-1.0	0.0	40(TB6-8)	G96 Temp Deg.C	1.0	0.0
9 (AI1-3)	Arm Yaw Sine	-1.7	0.0	41(TB6-10)	Aux Head Sine	-1.5	0.0
10(AI1-6)	Arm Yaw Cosine	-1.7	0.0	42(TB6-11)	Aux Head Cosine	-1.5	0.0
11(AI1-9)	Camera Pan Sine	-1.8	0.0	43(TB6-12)	Depth	0.0	0.0
12(AI1-12)	Camera Pan Cosine	-1.8	0.0	44(TB6-13)	none	0.0	0.0
13(AI1-15)	Camera Tilt Sine	-2.0	0.0	45(TB6-14)		0.0	0.0
14(AI1-18)	Camera Tilt Cosine	-2.0	0.0	46(TB6-15)		0.0	0.0
15(AI1-21)	Camera Shoulder Sin	-2.2	0.0	47(TB6-16)		0.0	0.0
16(AI1-24)	Camera Shoulder Cos	2.2	0.0	48(TB6-17)		0.0	0.0
17(AI2-29)	Altimeter #1	-1.0	0.0	49(TB7-1)	Port Thurst	0.00	0.00
18(AI2-32)	Hydraul Oil Level	-6.3	0.0	50(TB7-2)	Lat Thrust	0.00	0.00
19(AI2-35)	Upper P&T pan	-114.7	0.0	51(TB7-3)	Spare Servo 1	0.00	0.00
20(AI2-38)	Upper P&T tilt	-147.9	0.0	52(TB7-4)	Stbd Thrust	0.00	0.00
21(AI2-41)	HP Oil Press (psi)	-1109.4	0.0	53(TB7-5)	Vert Thrust	0.00	0.00
22(AI2-44)	LP Oil Press (psi)	-692.0	0.0	54(TB7-6)	Cam Pan	0.00	0.00
23(AI2-47)	Tether Press (psi)	5.1	0.0	55(TB7-7)	Cam Tilt	0.00	0.00
24(AI2-50)	Electric Comp Press	-1.6	0.0	56(TB7-8)	Cam Shoulder	0.00	0.00
25(AI2-3)	Mains Comp Press	4.1	0.0	57(TB7-10)	Spare 3000 Servo	0.00	0.00
26(AI2-6)	+Franklin Comp Pres:	-4.1	0.0	58(TB7-11)	Spare 3000 Servo	0.00	0.00
27(AI2-9)	Valves 24VDC Power I	0.0	0.0	59(TB7-12)	Manip Swing	0.00	0.00
28(AI2-12)	VB Water Level	100.0	0.0	60(TB7-13)	Manip Shoulder	0.00	0.00
29(AI2-15)	FOG Sine	0.0	0.0	61(TB7-14)	Manip Elbow	0.00	0.00
30(AI2-18)	FOG Cosine	0.0	0.0	62(TB7-15)	Manip Pitch	0.00	0.00
31(AI2-21)	VB Pressure	-35.0	0.0	63(TB7-16)	Manip Yaw	0.00	0.00
32(AI2-24)	Tritech/Imagenex	1.6	0.0	64(TB7-17)	Spare LP Servo	0.00	0.00

Close

Show Output

Telemetry 0

ass

< Logging

eos Serial

eos Ethernet

o Gyro

0.0

50.0

100.0

150.0

200.0

0.0

-1.0

0.0

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Setting

Element

Sub Analog Input

1 (AI1-29)	Arm Swing sine	-1.7	0.0
2 (AI1-32)	Arm Swing cosine	-1.8	0.0
3 (AI1-35)	Arm Swing sine	-2.3	0.0
4 (AI1-38)	Arm Swing cosine	2.3	0.0
5 (AI1-41)	Arm Yaw Sine	0.0	0.0
6 (AI1-44)	Arm Yaw Cosine	0.0	0.0
7 (AI1-47)	Camera Pan Sine	0.0	0.0
8 (AI1-50)	Camera Pan Cosine	0.0	0.0
9 (AI1-53)	Camera Tilt Sine	0.0	0.0
10 (AI1-56)	Camera Tilt Cosine	0.0	0.0
11 (AI1-59)	Camera Shoulder Sine	-2.2	0.0
12 (AI1-62)	Camera Shoulder Cosine	2.2	0.0
13 (AI2-29)	Altimeter #1	-1.0	0.0
14 (AI2-32)	Hydraulic Oil Level	-6.3	0.0
15 (AI2-35)	Upper P&T pan	-114.7	0.0
16 (AI2-38)	Upper P&T tilt	-147.9	0.0
17 (AI2-41)	HP Oil Press (psi)	-1109.4	0.0
18 (AI2-44)	LP Oil Press (psi)	-692.0	0.0
19 (AI2-47)	Tether Press (psi)	5.1	0.0
20 (AI2-50)	Electric Comp Press	-1.6	0.0
21 (AI2-53)	Mains Comp Press	4.1	0.0
22 (AI2-56)	+Franklin Comp Pres	-4.1	0.0
23 (AI2-59)	Valves 24VDC Power I	0.0	0.0
24 (AI2-62)	VB Water Level	100.0	0.0
25 (AI2-65)	FOG Sine	0.0	0.0
26 (AI2-68)	FOG Cosine	0.0	0.0
27 (AI2-71)	VB Pressure	-35.0	0.0
28 (AI2-74)	Tritech/Image nex	1.6	0.0

Display All Element

Surface

Vehicle

Top Digital

Top Analog

Sub Digital

Sub Analog

Top Analog Out

Button List

33 (TB6-1)	Logic 5VDC FB	0.1	0.0
34 (TB6-2)	Logic +12VDC	0.0	0.0
35 (TB6-3)	Logic -12VDC	0.0	0.0
36 (TB6-4)	Logic +15VDC	0.0	0.0
37 (TB6-5)	Main GFI 0-100%	0.0	0.0
38 (TB6-6)	Aux GFI 0-100%	0.0	0.0
39 (TB6-7)	Can Temp	0.0	0.0
40 (TB6-8)	G96 Temp Deg.C	1.0	0.0
41 (TB6-10)	Aux Head Sine	-1.5	0.0
42 (TB6-11)	Aux Head Cosine	-1.5	0.0
43 (TB6-12)	Depth	0.0	0.0
44 (TB6-13)	none	0.0	0.0
45 (TB6-14)		0.0	0.0
46 (TB6-15)		0.0	0.0
47 (TB6-16)		0.0	0.0
48 (TB6-17)		0.0	0.0
49 (TB7-1)	Port Thurst	0.00	0.00
50 (TB7-2)	Lat Thrust	0.00	0.00
51 (TB7-3)	Spare Servo 1	0.00	0.00
52 (TB7-4)	Stbd Thurst	0.00	0.00
53 (TB7-5)			
54 (TB7-6)			
55 (TB7-7)			
56 (TB7-8)			
57 (TB7-9)			
58 (TB7-10)			
59 (TB7-11)			
60 (TB7-12)			
61 (TB7-13)			
62 (TB7-14)			
63 (TB7-15)			
64 (TB7-16)	Spare LP Servo	0.00	0.00

Top Analog Output

Close

Close

Show Output

Camera
EnableArm
Enable

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Telemetry 0



Button List

GESOUT 1 :	Off	GESOUT 33 :	Off	MPL 1 : FO TB42-3 MPL-1	Off	MPL 33 :	Off
GESOUT 2 :	Off	GESOUT 34 :	Off	MPL 2 : Digital Still Cam	Off	MPL 34 :	Off
GESOUT 3 :	Off	GESOUT 35 :	Off	MPL 3 : FOG Power	Off	MPL 35 :	Off
GESOUT 4 :	Off	GESOUT 36 :	Off	MPL 4 : Mesotech	Off	MPL 36 :	Off
GESOUT 5 :	Off	GESOUT 37 :	Off	MPL 5 : Imaginex	Off	MPL 37 : Ethernet Enable	Off
GESOUT 6 :	Off	GESOUT 38 :	Off	MPL 6 :	Off	MPL 38 : FO 120 VAC On/Off	Off
GESOUT 7 :	Off	GESOUT 39 :	Off	MPL 7 : Core 120VAC	Off	MPL 39 :	Off
GESOUT 8 :	Off	GESOUT 40 :	Off	MPL 8 : DVL Power	Off	MPL 40 :	Off
GESOUT 9 :	Off	GESOUT 41 :	Off	MPL 9 : Cable Sled On/Off	Off	MPL 41 :	Off
GESOUT 10 :	Off	GESOUT 42 :	Off	MPL 10 : MOBB On/Off	Off	MPL 42 :	Off
GESOUT 11 :	Off	GESOUT 43 :	Off	MPL 11 : USBL Omni/Dir	Off	MPL 43 :	Off
GESOUT 12 :	Off	GESOUT 44 :	Off	MPL 12 : USBL Off/On By D	Off	MPL 44 : Compass	Off
GESOUT 13 :	Off	GESOUT 45 :	Off	MPL 13 : VB FLOOD	Off	MPL 45 :	Off
GESOUT 14 :	Off	GESOUT 46 :	Off	MPL 14 : Main Camera	Off	MPL 46 :	Off
GESOUT 15 :	Off	GESOUT 47 :	Off	MPL 15 : Aux Cam 3 Upper 1	Off	MPL 47 :	Off
GESOUT 16 :	Off	GESOUT 48 :	Off	MPL 16 : Insite+MSC Camer.	Off	MPL 48 :	Off
GESOUT 17 :	Off	GESOUT 49 :	Off	MPL 17 : Aux Cam 1	Off	MPL 49 :	None
GESOUT 18 :	Off	GESOUT 50 :	Off	MPL 18 : Aux Cam 2	Off	MPL 50 :	None
GESOUT 19 :	Off	GESOUT 51 :	Off	MPL 19 : FO MPL19 TB47-2	Off	MPL 51 :	None
GESOUT 20 :	Off	GESOUT 52 :	Off	MPL 20 : Schilling	Off	MPL 52 :	None
GESOUT 21 :	Off	GESOUT 53 :	Off	MPL 21 : Lasers	Off	MPL 53 :	None
GESOUT 22 :	Off	GESOUT 54 :	Off	MPL 22 : CTD Power	Off	MPL 54 :	None
GESOUT 23 :	Off	GESOUT 55 :	Off	MPL 23 : CTD Pump	Off	MPL 55 :	None
GESOUT 24 :	Off	GESOUT 56 :	Off	MPL 24 : Homer	Off	MPL 56 :	None
GESOUT 25 :	Off	GESOUT 57 :	Off	MPL 25 : Sonar Power	Off	MPL 57 :	None
GESOUT 26 :	Off	GESOUT 58 :	Off	MPL 26 : ACM Power	Off	MPL 58 :	None
GESOUT 27 : HD CAMERA (:	Off	GESOUT 59 :	Off	MPL 27 : FO Sc 24	Off	MPL 59 :	None
GESOUT 28 :	Off	GESOUT 60 :	Off	MPL 28 : STBD Sc 24 Data 1	Off	MPL 60 :	None
GESOUT 29 :	Off	GESOUT 61 :	Off	MPL 29 : Port SC 24 Data 1	Off	MPL 61 :	None
GESOUT 30 :	Off	GESOUT 62 :	Off	MPL 30 : FO SC 12 Data En.	Off	MPL 62 :	None
GESOUT 31 :	Off	GESOUT 63 :	Off	MPL 31 : STBD Sc 12	Off	MPL 63 :	None
GESOUT 32 :	Off	GESOUT 64 :	Off	MPL 32 : Port SC 12	Off	MPL 64 :	None

Close

File	Maintenance	Light Isolation	Instruments	Tools	Detritus	Annotate	Overlay	Alarm List
GESOUT 1 :	Off	GESOUT 33 :	Off	MPL 1 :	FO TB42-3 MPL-1	Off	MPL 33 :	Off
GESOUT 2 :	Off	GESOUT 34 :	Off	MPL 2 :	Digital Still Cam	Off	MPL 34 :	Off
GESOUT 3 :			Off	MPL 3 :	FOG Power	Off	MPL 35 :	Off
GESOUT 4 :			Off	MPL 4 :	Mesotech	Off	MPL 36 :	Off
GESOUT 5 :			Off	MPL 5 :	Imaginex	Off	MPL 37 :	Ethernet Enable Off
GESOUT 6 :				MPL 6 :		Off	MPL 38 :	FO 120 VAC On/Off
GESOUT 7 :				MPL 7 :	Core 120VAC	Off	MPL 39 :	
GESOUT 8 :				MPL 8 :	DWL Power	Off	MPL 40 :	
GESOUT 9 :				MPL 9 :	Cable Sled On/Off	Off	MPL 41 :	
GESOUT 10 :	Off	GESOUT 42 :		MPL 10 :	MOBB On/Off	Off	MPL 42 :	
GESOUT 11 :	Off	GESOUT 43 :		MPL 11 :	USBL Omni/Dir	Off	MPL 43 :	
GESOUT 12 :	Off	GESOUT 44 :		MPL 12 :	USBL Off/On By D	Off	MPL 44 :	Compass
GESOUT 13 :	Off	GESOUT 45 :		MPL 13 :	VB FLOOD	Off	MPL 45 :	
GESOUT 14 :	Off	GESOUT 46 :		MPL 14 :	Main Camera	Off	MPL 46 :	
GESOUT 15 :	Off	GESOUT 47 :		MPL 15 :	Aux Cam 3 Upper I	Off	MPL 47 :	
GESOUT 16 :	Off	GESOUT 48 :	Off	MPL 16 :	Insite+MSC Camer	Off	MPL 48 :	
GESOUT 17 :	Off	GESOUT 49 :	Off	MPL 17 :	Aux Cam 1	Off	MPL 49 :	None
GESOUT 18 :	Off	GESOUT 50 :	Off	MPL 18 :	Aux Cam 2	Off	MPL 50 :	None
GESOUT 19 :	Off	GESOUT 51 :	Off	MPL 19 :	FO MPL19 TB47-2	Off	MPL 51 :	None
GESOUT 20 :	Off	GESOUT 52 :	Off	MPL 20 :	Schilling	Off	MPL 52 :	None
GESOUT 21 :	Off	GESOUT 53 :	Off	MPL 21 :	Lasers	Off	MPL 53 :	None
GESOUT 22 :	Off	GESOUT 54 :	Off	MPL 22 :	CTD Power	Off	MPL 54 :	None
GESOUT 23 :	Off	GESOUT 55 :	Off	MPL 23 :	CTD Pump	Off	MPL 55 :	None
GESOUT 24 :	Off	GESOUT 56 :	Off	MPL 24 :	Homer	Off	MPL 56 :	None
GESOUT 25 :	Off	GESOUT 57 :	Off	MPL 25 :	Sonar Power	Off	MPL 57 :	None
GESOUT 26 :	Off	GESOUT 58 :	Off	MPL 26 :	ACM Power	Off	MPL 58 :	None
GESOUT 27 : HD CAMERA :	Off	GESOUT 59 :	Off	MPL 27 :	FO Sc 24	Off	MPL 59 :	None
GESOUT 28 :	Off	GESOUT 60 :	Off	MPL 28 :	STBD Sc 24 Data I	Off	MPL 60 :	None
GESOUT 29 :	Off	GESOUT 61 :	Off	MPL 29 :	Port SC 24 Data I	Off	MPL 61 :	None
GESOUT 30 :	Off	GESOUT 62 :	Off	MPL 30 :	FO SC 12 Data En	Off	MPL 62 :	None
GESOUT 31 :	Off	GESOUT 63 :	Off	MPL 31 :	STBD Sc 12	Off	MPL 63 :	None
GESOUT 32 :	Off	GESOUT 64 :	Off	MPL 32 :	Port SC 12	Off	MPL 64 :	None

Setting

Element

Display All Element

Surface

Vehicle

Top Digital

Top Analog

Sub Digital

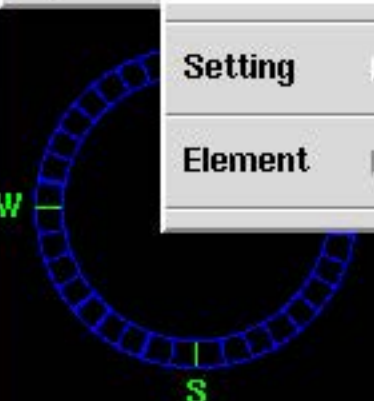
Sub Analog

Top Analog Out

Button List

Close

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List



Fog

Ship

Auto

Turns

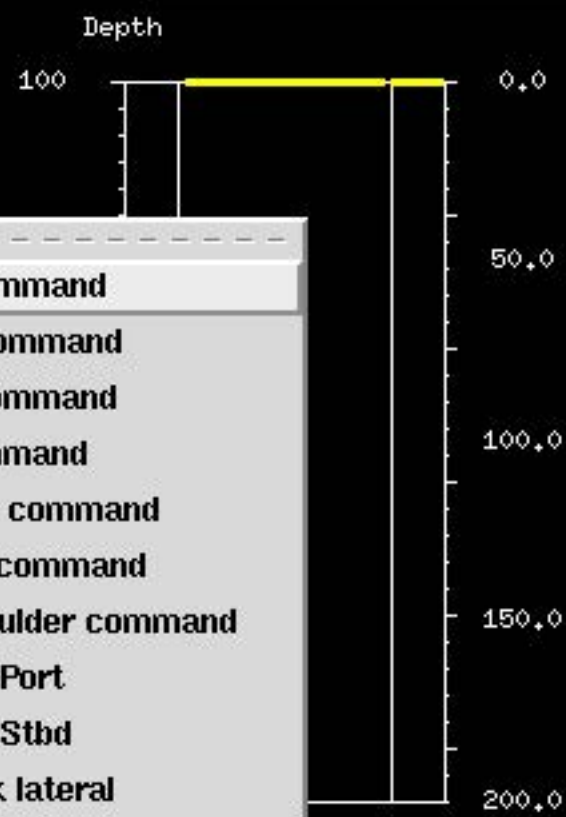
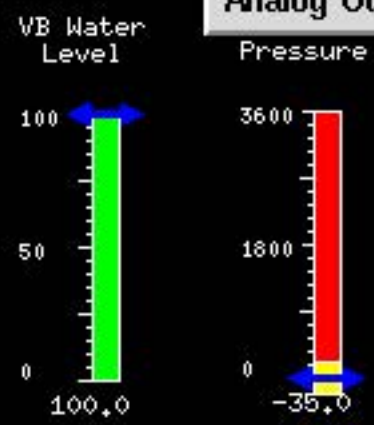
Primary

Velocity mtr/min

Tether meter

Tension lbs

Pressure psi



Telemetry	0	☐
Bypass		☐
Disk Logging		☐
Teleos Serial		☐
Teleos Ethernet		☐
Ship Gyro		☐
TMS		☐

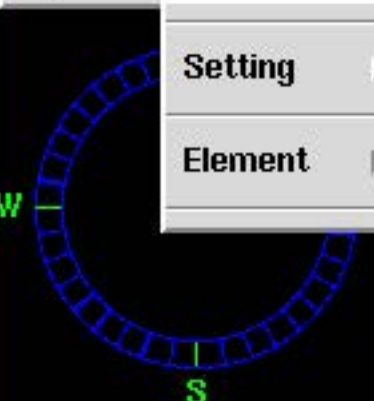
- Setting
- Element
- Display All Element
- Surface
- Vehicle

- TMS Display
- Button
- Slide Bar
- Digital In
- Analog In
- Analog Out

- 1-16
- 17-32
- 33-48
- 49-64
- 1 Lateral Command
- 2 Fore/aft Command
- 3 Vertical Command
- 4 Turns Command
- 5 cam - pan command
- 6 cam - tilt command
- 7 cam - shoulder command
- 8 Bellypack Port
- 9 Bellypack Stbd
- 10 Bellypack lateral
- 11 Bellypack Vertical
- 12 arm - yaw command
- 13 arm - pitch command
- 14 arm - elbow command
- 15 arm - shoulder command
- 16 arm - swing command

Port SC 24 Data Enable	Port SC 12
STBD Sc 12	FO SC 12 Data Enable
STBD Sc 24 Data Enable	FO Sc 24

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List



Fog

Ship

Auto

Turns

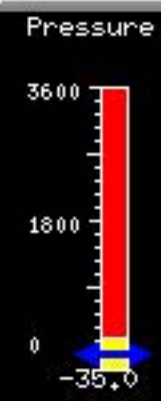
Primary

Velocity mtr/min

Tether meter

Tension lbs

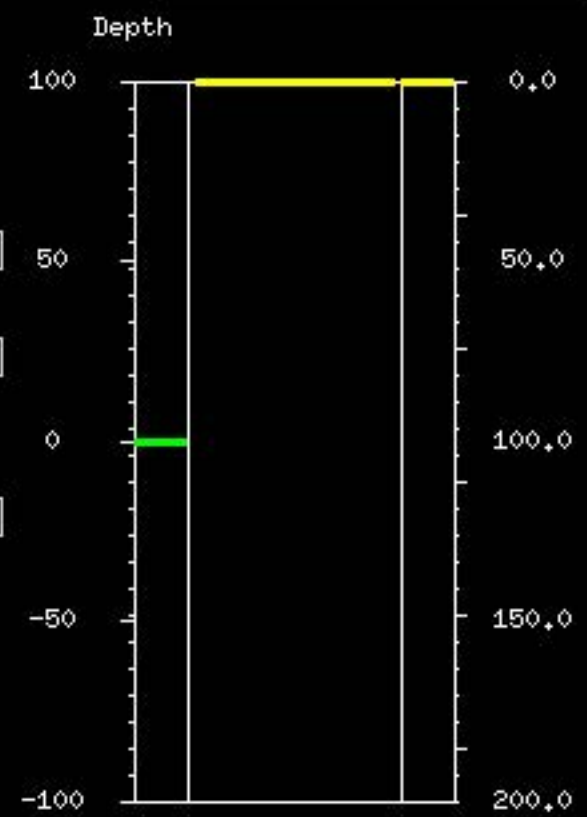
Pressure psi



- Display All Element
- Surface Vehicle
- TMS Display
- Button
- Slide Bar
- Digital In
- Analog In
- Analog Out

- 1 Depth
- 2
- 3
- 4

Telemetry	0	☐
Bypass		☐
Disk Logging		☐
Teleos Serial		☐
Teleos Ethernet		☐
Ship Gyro		☐
TMS		☐



VB FLOOD

Port SC 24 Data Enable	Port SC 12	Cable Sled On/Off
STBD Sc 12	FO SC 12 Data Enable	USBL Off/On By Default
STBD Sc 24 Data Enable	FO Sc 24	I/USBL Omni/Dir

Camera Enable ☐

Arm Enable ☐

Rock On ☐

Pilot Interface ☐

Depth

Setpoint

Mesotech

Vertical Speed

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Setting
Element

Display All Element
Surface Vehicle
TMS Display
Button
Slide Bar
Digital In
Analog In
Analog Out

78

132

100

50

0.0

Roll

0.0

50.0

Depth

100

50

0.0

50.0

W

S

Fog

Ship

Auto

Turns

Primary

Reset Turn

Velocity

Tether

Tension

Pressure

mtr/m

metr

lbs

psi

0

0.0

Ship

0

0

0

0

1

2

3

4

5

6

7

8

0

0.0

0.0

0.0

Telemetry

Bypass

Disk Logging

Teleos Serial

Teleos Ethernet

Ship Gyro

TMS

0

0

0

0

0

0

0

Creating Button

Button

Default

Name

HD CAMERA (grey=on)

Connection

Dig Gesout 27

Color

Type

☒ alternate ☐ momentary

Position

x

62

y

14

Power Up

0

On Deck

0

10-100 M

0

>100 M

0

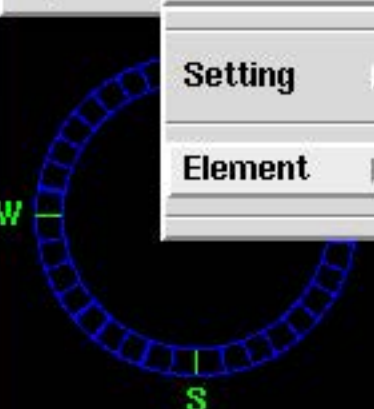
Ok

Remove

Close

Camera Enable Arm Enable Rock On

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List



Fog

Ship

Auto

Turns

Primary

Velocity mtr/min

Tether meter

Tension lbs

Pressure psi

Setting

Element

Display All Element

Surface Vehicle

TMS Display

Button

Slide Bar

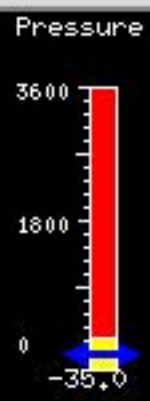
Digital In

Analog In

Analog Out



Telemetry	0	☐
Bypass		☐
Disk Logging		☐
Teleos Serial		☐
Teleos Ethernet		☐
Ship Gyro		☐
TMS		☐



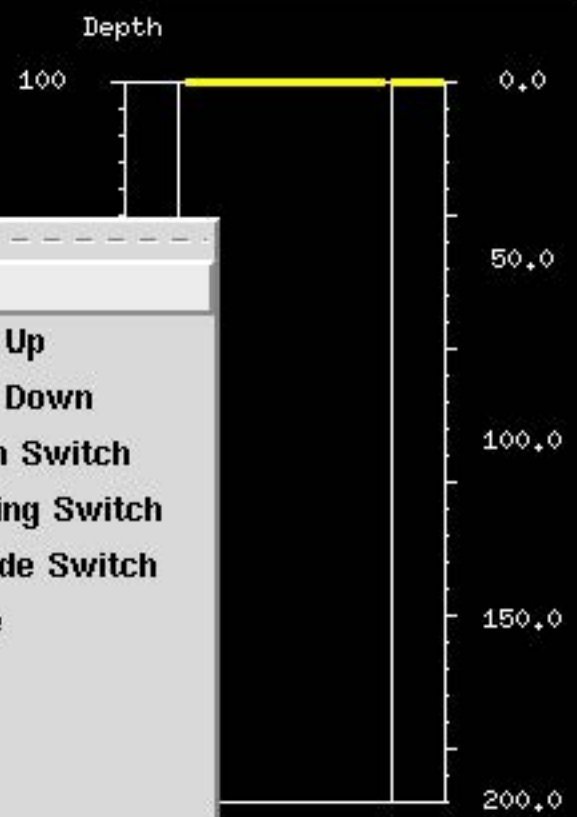
Shoulder

Camera

Pan

RPM

Port SC 24 Data Enable	Port SC 12
STBD Sc 12	FO SC 12 Data Enable
STBD Sc 24 Data Enable	FO Sc 24



- 1-16
- 17-32
- 33-48
- 49-64
- 65-80
- 81-96
- 1 Bellypack
- 2 Depth Jog Up
- 3 Depth Jog Down
- 4 Auto Depth Switch
- 5 Auto Heading Switch
- 6 Auto Altitude Switch
- 7 AutoCruise
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Setting
Element

Display All Element
Surface Vehicle

TMS Display
Button
Slide Bar
Digital In
Analog In
Analog Out

Telemetry 0
Bypass
Disk Logging
Teleos Serial
Teleos Ethernet
Ship Gyro
TMS

Depth

Fog 0
Ship 0.0
Auto
Turns Ship
Primary Reset Turn

Velocity 0 mtr/min
Tether 0 meter
Tension 0 lbs
Pressure 0 psi

VB Water Level 100.0
Pressure 3600
Should
Camera
Pan
RPM
VB

Creating Slidebar

Slidebar

Name Thruster Spare Servo
Connection Ana Gesdac 3
Color
Position x 86 y 9

Add Remove
Close

0.0
50.0
100.0
150.0
200.0

Camera Enable
Arm Enable
Rock On
Pilot Interface

Port SC 24 Data Enable
STBD Sc 12
STBD Sc 24 Data Enable
Port SC 12
FO SC 12 Data Enable
FO Sc 24
Cable Sled On/Off
USBL Off/On By Default
USBL Omni/Dir

Depth 0.0
Setpoint
Mesotech -1.0
Vertical Speed 0.0

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Setting

Element

Display All Element

Surface

Vehicle

TMS Display

Button

Slide Bar

Digital In

Analog In

Analog Out

TMS Display

x

22

y

8

Display

Remove

Close

Telemetry 0
Bypass
Disk Logging
Teleos Serial
Teleos Ethernet



Fog

0

Ship

0.0

Auto

Turns

Ship

0

Primary

Reset Turn

Velocity

0

mtr/min

Tether

0

meter

Tension

0

lbs

Pressure

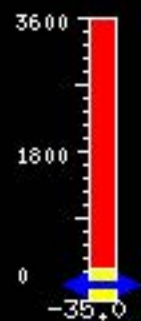
0

psi

VB Water Level



Pressure



Shoulder

0.0

Camera 2

Pan

-114.7

Tilt

-147.9

RPM

0.0

VB FLOOD

Port SC 24
Data Enable

Port SC 12

Cable Sled
On/Off

STBD Sc 12

FO SC 12
Data EnableUSBL Off/On
By DefaultSTBD Sc 24
Data Enable

FO Sc 24

USBL
Omni/Dir

Depth

0.0

Setpoint

Mesotech

-1.0

Vertical Speed

0.0

Camera
EnableArm
EnableRock
OnPilot
Interface

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Setting

Element

Fog

Ship

Auto

Turns

0

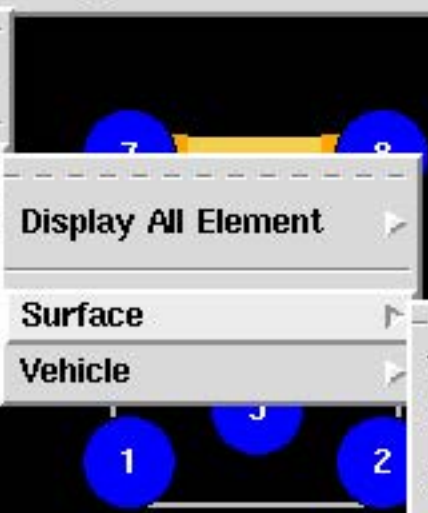
0.0

Ship

>

Primary

Reset Turn



TMS Display

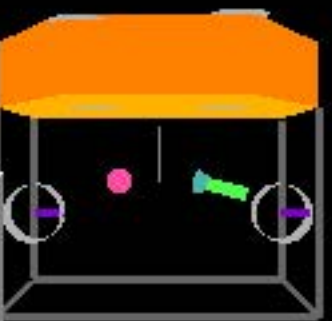
Button

Slide Bar

Digital In

Analog In

Analog Out



0.0

Roll

0.0

0.0

Tilt

0.0

0.0

Shoulder

0.0

-114.7

Pan

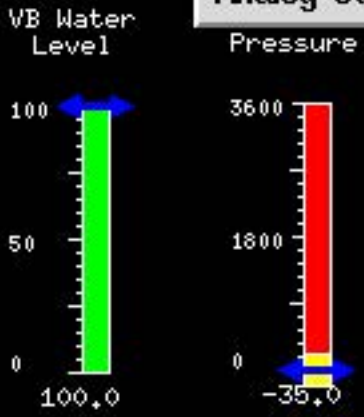
-147.9

0.0

Tilt

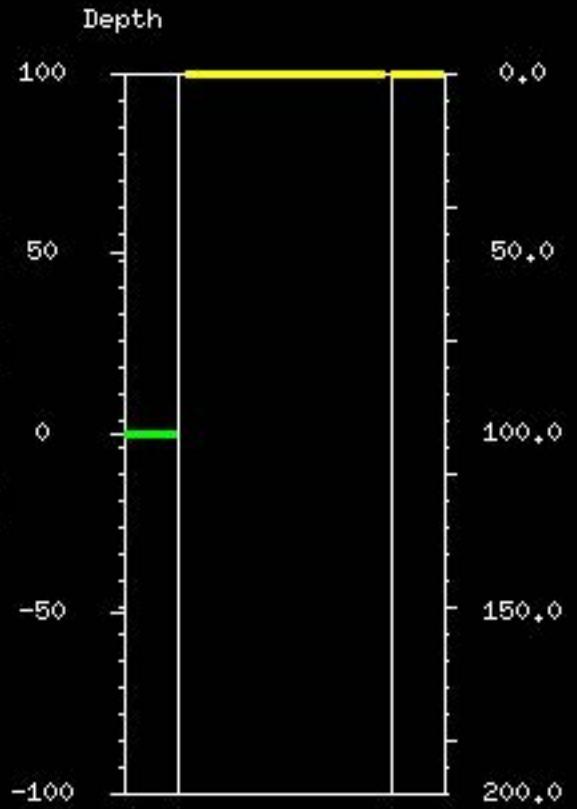
0.0

RPM



VB FLOOD

Telemetry	0	
Bypass		
Disk Logging		
Teleos Serial		
Teleos Ethernet		
Ship Gyro		
TMS		



Velocity

0

mtr/min

Tether

0

meter

Tension

0

lbs

Pressure

0

psi

Camera Enable

Arm Enable

Rock On

Pilot Interface

Port SC 24 Data Enable

Port SC 12

Cable Sled On/Off

STBD Sc 12

FO SC 12 Data Enable

USBL Off/On By Default

STBD Sc 24 Data Enable

FO Sc 24

USBL Omni/Dir

Depth

Setpoint

Mesotech

Vertical Speed

0.0

-1.0

0.0

File Maintenance Lig



Fog 0

Ship 0.0

Auto

Turns Ship

Primary Reset Turn

Velocity 0 mtr/min

Tether 0 meter

Tension 0 lbs

Pressure 0 psi

Element Name Arm Swing sine

Graphic Information

Type None

X(0-800) 140

Y(0-600) 224

Autocalibrate Setup

Max 1.000000

Min -1.000000

Autocalibrate

Output

Enable

☐ Enable Channel☐ Enable Autocalibrate

Analog Setup

Gain 0.648500

Offset -1.690000

Add

Delete

Value

☐ Digital Value

Analog -1.690000

Analog Raw 0.000000

Default

Power Up 0

On Deck 0

10-100 M 0

>100 M 0

OK

Cancel

Camera
EnableArm
EnableRock
OnPilot
Interface

Data Enable

STBD Sc 12

STBD Sc 24
Data Enable

Data Enable

FO SC 12
Data Enable

FO Sc 24

On/Off

USBL On/On
By DefaultUSBL
Omni/Dir

Setpoint

Mesotech

Vertical Speed

-1.0

0.0

File

Maintenance

Light Isolation

Instruments

Tools

Detritus

Annotate

Overlay

Alarm List

Setting

Element

Display All Element

Surface

Vehicle

Ground Fault

Compass

Lights

Vehicle

Digital In

Analog In

Fog

Ship

Auto

Turns

Primary

Reset Turn

Velocity

Tether

Tension

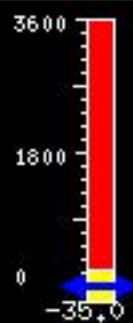
Pressure

mtr/min

meter

lbs

psi

VB Water
Level

Camera

Pan

RPM

VB FLOOD

Port SC 24
Data Enable

Port SC 12

STBD Sc 12

FO SC 12
Data EnableSTBD Sc 24
Data Enable

FO Sc 24

Camera
EnableArm
EnableRock
OnPilot
Interface

Telemetry	0	
Bypass		
Disk Logging		
Teleos Serial		
Teleos Ethernet		
Ship Gyro		
TMS		

Depth

100

0.0

50.0

100.0

150.0

200.0

1 Arm Swing sine

2 Arm Swing cosine

3 Arm Shoulder Sine

4 Arm Shoulder Cosine

5 Arm Elbow Sine

6 Arm Elbow Cosine

7 Arm Pitch Sine

8 Arm Pitch Cosine

9 Arm Yaw Sine

10 Arm Yaw Cosine

11 Camera Pan Sine

12 Camera Pan Cosine

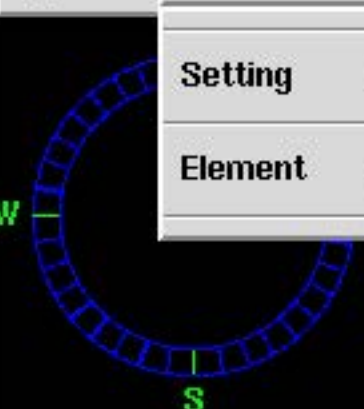
13 Camera Tilt Sine

14 Camera Tilt Cosine

15 Camera Shoulder Sine

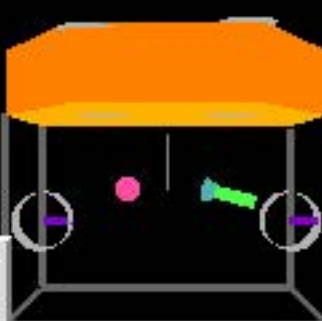
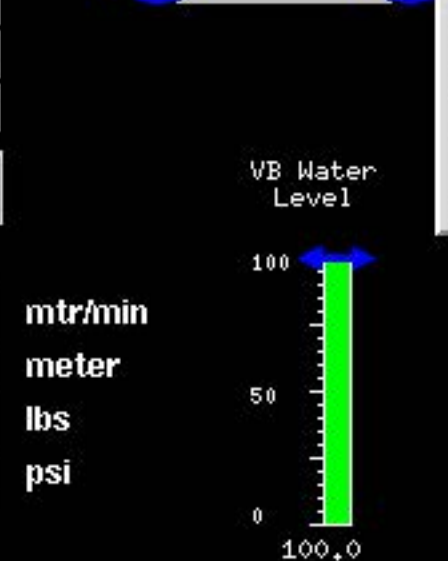
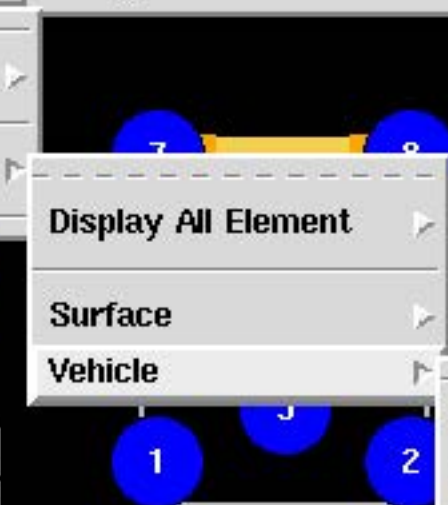
16 Camera Shoulder Cosine

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List



Fog 0
Ship 0.0
Auto
Turns Ship
Primary Reset Turn

Velocity 0 mtr/min
Tether 0 meter
Tension 0 lbs
Pressure 0 psi

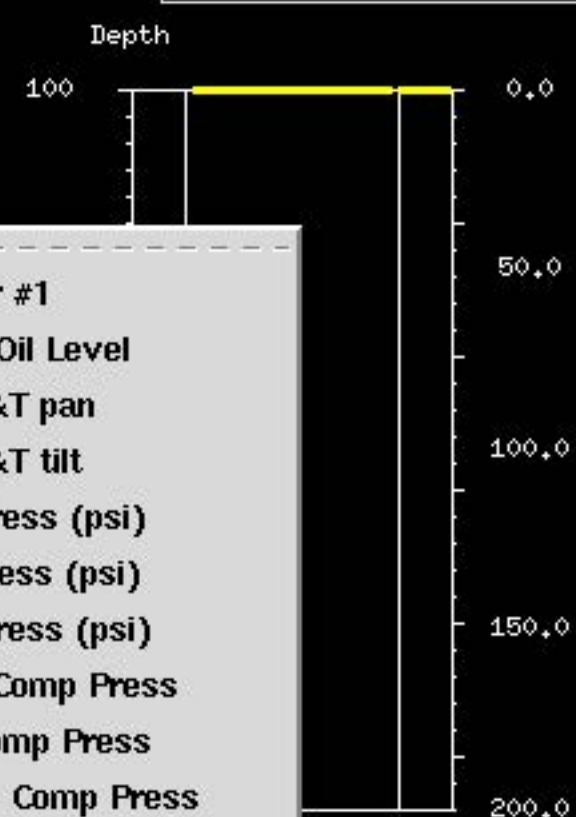


0.0
1
0.0

Camera
Pan
RPM 0.0

VB FLOOD
Port SC 24 Data Enable
STBD Sc 12
STBD Sc 24 Data Enable
Port SC 12
FO SC 12 Data Enable
FO Sc 24

Telemetry	0	
Bypass		
Disk Logging		
Teleos Serial		
Teleos Ethernet		
Ship Gyro		
TMS		



- 17 Altimeter #1
- 18 Hydraul Oil Level
- 19 Upper P&T pan
- 20 Upper P&T tilt
- 21 HP Oil Press (psi)
- 22 LP Oil Press (psi)
- 23 Tether Press (psi)
- 24 Electric Comp Press
- 25 Mains Comp Press
- 26 +Franklin Comp Press
- 27 Valves 24VDC Power FB
- 28 VB Water Level
- 29 FOG Sine
- 30 FOG Cosine
- 31 VB Pressure
- 32 Trittech/Imagenex

Camera Enable Arm Enable Rock On Pilot Interface

File

Maintenance

Light Isolation

Instruments

Tools

Detritus

Annotate

Overlay

Alarm List

Setting

Element

Display All Element

Surface

Vehicle

Ground Fault

Compass

Lights

Vehicle

Digital In

Analog In

33 Logic 5VDC FB

34 Logic +12VDC

35 Logic -12VDC

36 Logic +15VDC

37 Main GFI 0-100%

38 Aux GFI 0-100%

39 Can Temp

40 G96 Temp Deg.C

41 Aux Head Sine

42 Aux Head Cosine

43 Depth

44 none

45

46

47

48

Telemetry 0

Bypass

Disk Logging

Teleos Serial

Teleos Ethernet

Ship Gyro

TMS

Depth

100

0.0

50.0

100.0

150.0

200.0

0.0

-1.0

0.0

Fog

0

Ship

0.0

Auto

Turns

Primary

Reset Turn

Velocity

Tether

Tension

Pressure

0

0

0

0

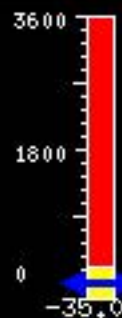
mtr/min

meter

lbs

psi

VB Water Level



Camera

Pan

RPM

0.0

1

0.0

0.0

VB FLOOD

Port SC 24
Data Enable

Port SC 12

STBD Sc 12

FO SC 12
Data EnableSTBD Sc 24
Data Enable

FO Sc 24

Camera
EnableArm
EnableRock
OnPilot
Interface

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Maintenance

- Setting
- Element

- Display All Element
- Surface Vehicle

- Ground Fault
- Compass
- Lights Vehicle
- Digital In
- Analog In

Telemetry	0	
Bypass		
Disk Logging		
Teleos Serial		
Teleos Ethernet		
Ship Gyro		
TMS		



Fog 0

Ship 0.0

Auto

Turns ☐ Ship ☐

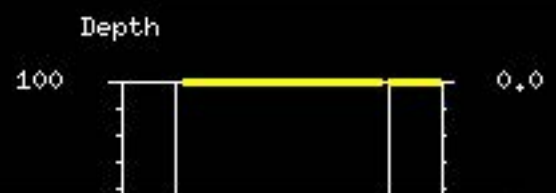
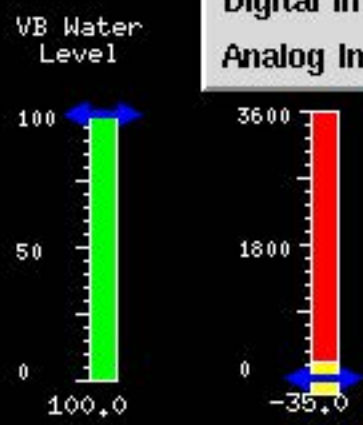
Primary

Velocity 0 mtr/min

Tether 0 meter

Tension 0 lbs

Pressure 0 psi



Compass

Type ☒ Primary ☐ Backup

X Pos 25

Y Pos 13

Fog Deviation 0

Fog Declination 0

Compass Deviation 194

Compass Declination 0

Camera Enable

Arm Enable

Rock On

Pilot Interface

Port SC 24 Data Enable

Port SC 12

STBD Sc 12

FO SC 12 Data Enable

STBD Sc 24 Data Enable

FO Sc 24

USBL Omni/Dir

VB FLOOD

File

Maintenance

Light Isolation

Instruments

Tools

Detritus

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Overlay

Alarm List

Setting

Element

Display All Element

Surface

Vehicle

Ground Fault

Compass

Lights

Vehicle

Digital In

Analog In

1 FOG Gyro GFI

2 Valves Power GFI

3 Instrument Power GFI

4 Logic Bus GFI

5 Lights GFI

6 Toolsled GFI

7 Core 120 VAC GFI

8 Main 120VAC GFI

9 Port Arm FB Water

10 Aux Heading Water

11 Pan & Tilt Servos Water

12 Thruster Servos Water

13 Doppler Water

14 Altimeter #1 Water

15 Altimeter #2 Water

16 Spare Water

Telemetry	0	
Bypass		
Disk Logging		
Teleos Serial		
Teleos Ethernet		
Ship Gyro		
TMS		

Depth

100

0.0

50.0

100.0

150.0

200.0

Fog

0

Ship

0.0

Auto

Turns

Primary

Reset Turn

Velocity

Tether

Tension

Pressure

0

0

0

0

mtr/min

meter

lbs

psi

VB Water
Level

100

50

0

100.0

3600

1800

0

-35.0

Camera

Pan

-114.7

RPM

0.0

VB FLOOD

Port SC 24
Data Enable

Port SC 12

STBD Sc 12

FO SC 12
Data EnableSTBD Sc 24
Data Enable

FO Sc 24

Camera
EnableArm
EnableRock
OnPilot
Interface

File

Maintenance

Light Isolation

Instruments

Tools

Detritus

Annotate

Overlay

Alarm List

Setting

Element

Display All Element

Surface

Vehicle

Ground Fault

Compass

Lights

Vehicle

Digital In

Analog In

17 Control Can Water

18 Fiber-Optic Can Water

19 FOG Water

20 Transformer Can Water

21 Core/Power Water

22 Spare Water

23 Term Can Water

24 Spare Water

25 G96 Hard Reset (Not Used)

26 G96 Halt (Not Used)

27 G96 IRQ2 / SBS47 IRQ10

28 G96 NMI/ Not Used By SBS47

29 G96 IRQ1 / SBS47 IRQ9

30 G96 IRQ4 / SBS47 IRQ5 RPM

31 Spare Digital In

32 Spare Digital In

Telemetry	0	
Bypass		
Disk Logging		
Teleos Serial		
Teleos Ethernet		
Ship Gyro		
TMS		

Depth

100

0.0

50.0

100.0

150.0

200.0

Fog

0

Ship

0.0

Auto

Turns

Ship

Primary

Reset Turn

Velocity

0

mtr/min

Tether

0

meter

Tension

0

lbs

Pressure

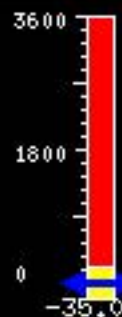
0

psi

VB Water Level



100.0



-35.0

Camera

Pan -114.7

RPM 0.0

VB FLOOD

Port SC 24
Data Enable

Port SC 12

STBD Sc 12

FO SC 12
Data EnableSTBD Sc 24
Data Enable

FO Sc 24

Camera
EnableArm
EnableRock
OnPilot
Interface

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Setting

Element

Display All Element

Surface Vehicle

Ground Fault

Compass

Lights

Vehicle

Digital In

Analog In

W

S

1

2

Fog

Ship

Auto

Turns

Primary

0

0.0

Ship

Reset Turn

Velocity

Tether

Tension

Pressure

0

0

0

0

mtr/min

meter

lbs

psi

VB Water Level

100

50

0

100.0

3600

1800

0

-35.0

Camera 2

Pan

RPM

-11

0.0

VB FLO

Port SC 24 Data Enable

STBD Sc 12

STBD Sc 24 Data Enable

Port SC

FO SC Data Enable

FO Sc 24

USBL Omni/Dir

Telemetry

Bypass

Disk Logging

Teleos Serial

Teleos Ethernet

Ship Gyro

TMS

0

Depth

100

50

0.0

50.0

0.0

Roll

0.0

Ground Fault

Ground Fault Board #2

Channel # 0

0.000

Up

Down

Auto

Ground Fault Board #1

Channel # 1

FOG Gyro GFI

0.0

Up

Down

Close

Camera Enable

Arm Enable

Rock On

Pilot Interface

Vertical Speed

0.0

Ground Fault Board #2

Channel # 0

0.000

Up

Down

Auto

Ground Fault Board #1

Channel # 1

FOG Gyro GFI

0.0

Up

Down

Close

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Setting

Element

Display All Element

Surface

Vehicle

Ground Fault

Compass

Lights

Vehicle

Digital In

Analog In

Telemetry 0

Bypass

light_menu

Light Position

Light Output

Name	x	y		
	26	8		
x 35 y 150 1	Digital Gesout 49	v		
x 130 y 150 2	Digital Gesout 50	v		
x 83 y 130 3	Digital Gesout 51	v		
x 83 y 70 4	Digital Gesout 52	v		
x 45 y 75 5	Digital Gesout 53	v		
x 120 y 75 6	Digital Gesout 54	v		
x 35 y 35 7	Digital Gesout 55	v		
x 130 y 35 8	Digital Gesout 56	v		
x -1 y 130 9	Digital Gesout 57	v		
x -1 y 175 10	Digital Gesout 10	v		

Ok

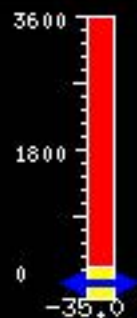
Remove

Close

Fog 0
Ship 0.0
Auto
Turns Ship
Primary Reset Turn

Velocity 0 mtr/min
Tether 0 meter
Tension 0 lbs
Pressure 0 psi

VB Water Level



Port SC 24 Data Enable

STBD Sc 12

STBD Sc 24 Data Enable

FO Sc 24

USBL Omni/Dir

Camera Enable

Arm Enable

Rock On

Pilot Interface

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List

Setting

Element

Display All Element

Surface Vehicle

Ground Fault

Compass

Lights

Vehicle

Digital In

Analog In

Fog

Ship

Auto

Turns

Primary

0

0.0

Ship

Reset Turn

Velocity

Tether

Tension

Pressure

0

0

0

0

mtr/min

meter

lbs

psi

VB Water Level

100

50

0

100.0

3600

1800

0

-35.0

Camera 2

Pan

RPM

-12

0.0

VB FLO

Port SC 24 Data Enable

Port SC 12

Cable Sled On/Off

STBD Sc 12

FO SC 12 Data Enable

USBL On/On By Default

STBD Sc 24 Data Enable

FO Sc 24

USBL Omni/Dir

Camera Enable

Arm Enable

Rock On

Pilot Interface

Telemetry 0

Bypass

Disk Logging

Teleos Serial

Teleos Ethernet

Ship Gyro

TMS

Depth

100

50

0.0

100.0

150.0

200.0

Roll

0.0

50

Vehicle

Vehicle

x 35

y 13

Add

Remove

Close

Depth

0.0

Setpoint

Mesotech

Vertical Speed

-1.0

0.0

File

Maintenance

Light Isolation

Instruments

Tools

Detritus

Annotate

Overlay

Alarm List



Fog

0

Ship

0.0

Auto

Turns

Ship
--->

Primary

Reset Turn

Velocity

0

mtr/min

Tether

0

meter

Tension

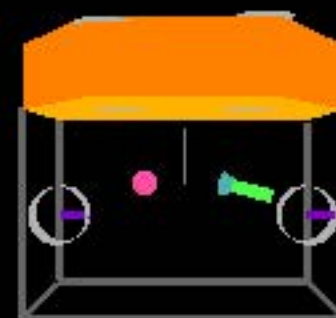
0

lbs

Pressure

0

psi

☒ Toolsled Stbd☐ Toolsled Port☒ Toolsled Incandescent☐ Camera Incandescent☒ Stbd Lower☒ Port Lower☐ Stbd Upper☒ Port Upper

Pitch 0.0

Roll 0.0

Camera 1

Pan 0.0

Tilt 0.0

Shoulder

0.0

Camera 2

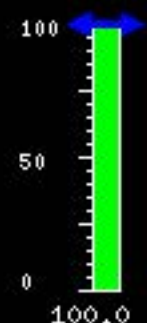
Pan -114.7

Tilt -147.9

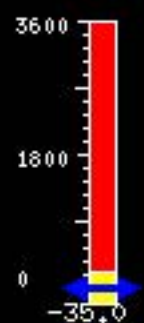
RPM

0.0

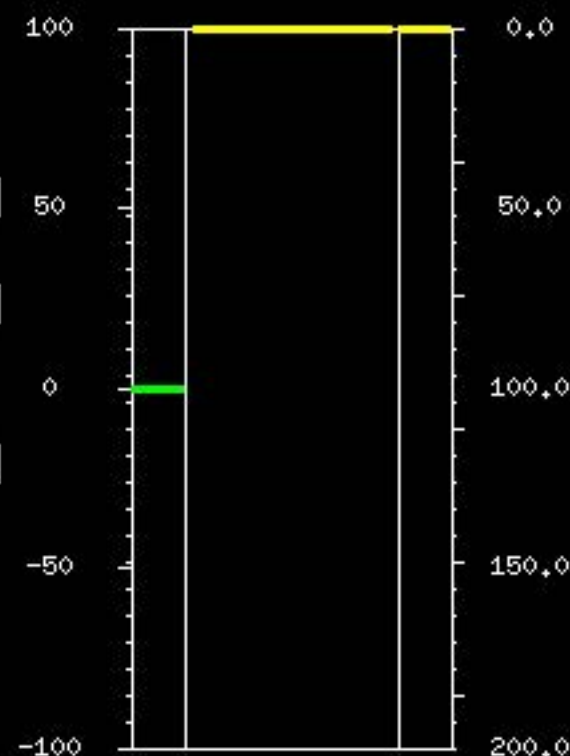
VB FLOOD

VB Water
Level

VB Pressure



Depth

Port SC 24
Data Enable

Port SC 12

Cable Sled
On/Off

STBD Sc 12

FO SC 12
Data EnableUSBL Off/On
By DefaultSTBD Sc 24
Data Enable

FO Sc 24

USBL
Omni/Dir

Depth

0.0

Setpoint

Mesotech

-1.0

Vertical Speed

0.0

Camera
EnableArm
EnableRock
OnPilot
Interface

File

Maintenance

Light Isolation

Instruments

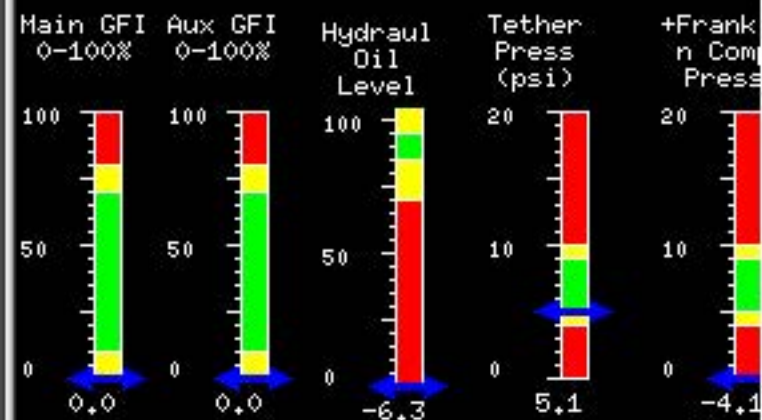
Tools

Detritus

Annotate

Overlay

Alarm List

Thruster Spare Servo
0

Enable



KVH 113

Ship 0.0

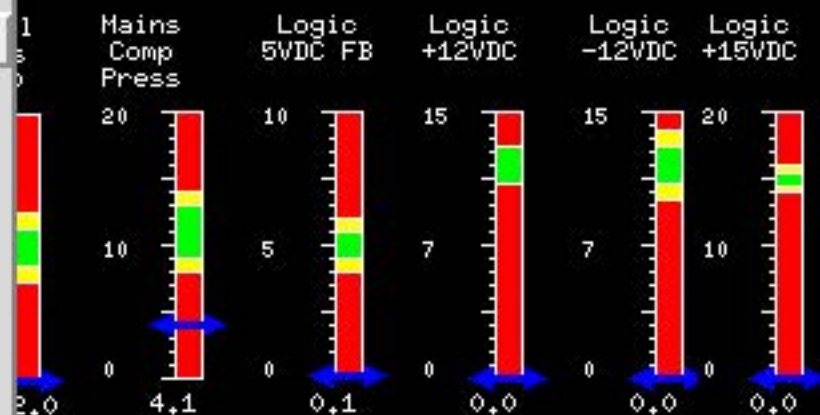
Auto

Turns 0 Ship

Backup

Reset Turn

- ☐ MSC 2000
- ☐ FOG Power
- ☐ Mesotech Alt Power
- ☐ Imagenex Alt Power
- ☐ Science 120 VAC
- ☒ Core 120 VAC
- ☐ DVL Power
- ☐ Main Camera
- ☒ Still Camera
- ☒ Insite Camera
- ☐ Aux Camera 1
- ☐ Aux Camera 2
- ☒ Schilling
- ☐ Lasers
- ☐ CTD
- ☐ CTD Pump
- ☐ Homer Power
- ☐ Sonar Power
- ☐ ACM Power
- ☐ FO Science 24 Power
- ☐ Stbd Science 24 Power
- ☐ Port Science 24 Power
- ☐ FO Science 12 Power
- ☐ Stbd Science 12 Power
- ☐ Port Science 12 Power

Digital Still
Camera

Aux Cam 1

ACM Power

FOG Power

Aux Cam 2

MOBB
On/Off

Mesotech

Aux Cam 3
Upper CamInsite+MSC
Cameras

Imagenex

Lasers

Compass

Core 120VAC

CTD Power

Ethernet
Enable

DVL Power

CTD Pump

FO 120 VAC
On/Off

Main Camera

Homer

FO TB42-3
MPL-1

Schilling

Sonar Power

FO MPL19
TB47-2

File

Maintenance

Light Isolation

Instruments

Tools

Detritus

Annotate

Overlay

Alarm List



Fog

0

Ship

0.0

Auto

Turns

Ship

Primary

Reset Turn

Velocity

0

mtr/min

Tether

0

meter

Tension

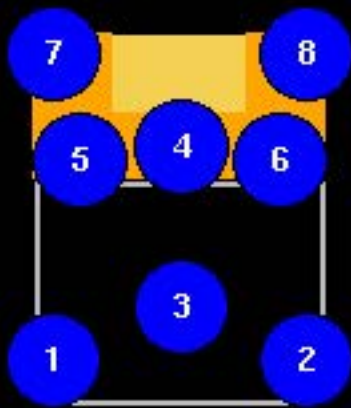
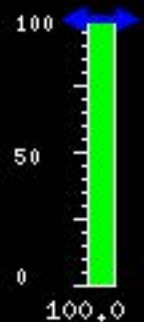
0

lbs

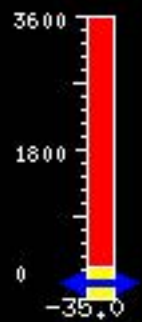
Pressure

0

psi

VB Water
Level

VB Pressure



Stbd Drawer

Port Swing Arm

Spare (menu1)

Port Drawer

None

Pitch 0.0

Roll 0.0

Camera 1

Pan 0.0

Tilt 0.0

Shoulder

0.0

Camera 2

Pan -114.7

Tilt -147.9

RPM

0.0

VB FLOOD

Port SC 24
Data Enable

Port SC 12

Cable Sled
On/Off

STBD Sc 12

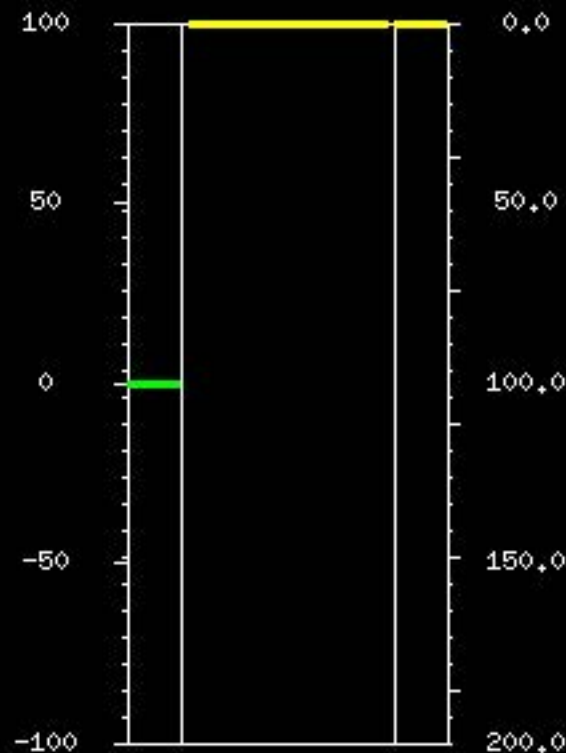
FO SC 12
Data EnableUSBL Off/On
By DefaultSTBD Sc 24
Data Enable

FO Sc 24

USBL
Omni/Dir

Telemetry 0
Bypass
Disk Logging
Teleos Serial
Teleos Ethernet
Ship Gyro
TMS

Depth



Depth

0.0

Setpoint

Mesotech

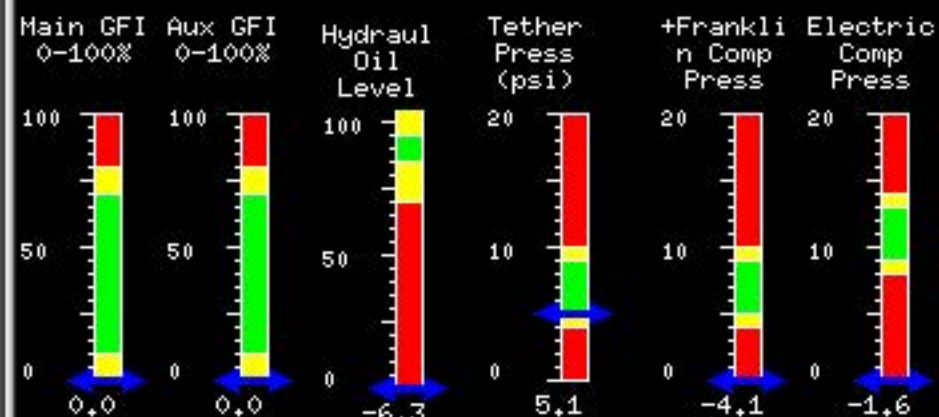
-1.0

Vertical Speed

0.0

Camera
EnableArm
EnableRock
OnPilot
Interface

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List



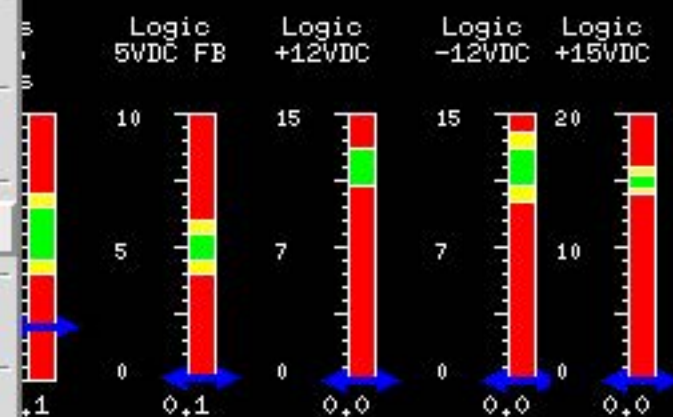
Stbd Drawer

Port Swing Arm

Spare (menu2)

Port Drawer

None



Thruster Spare Servo
0

Enable

HD CAMERA
(grey=on)

Digital Still
Camera

Aux Cam 1

ACM Power

FOG Power

Aux Cam 2

MOBB
On/Off

Mesotech

Aux Cam 3
Upper Cam

Insite+MSC
Cameras

Imaginex

Lasers

Compass

Core 120VAC

CTD Power

Ethernet
Enable

DVL Power

CTD Pump

FO 120 VAC
On/Off

Main Camera

Homer

FO TB42-3
MPL-1

Schilling

Sonar Power

FO MPL19
TB47-2



KVH

Ship

Auto

Turns

Backup

Reset Turn

VB Valve Timeout

VB valve is about to timeout.
Do not active tool now.
You must re-engage the VB Valve to operate.

Ok

File

Maintenance

Light Isolation

Instruments

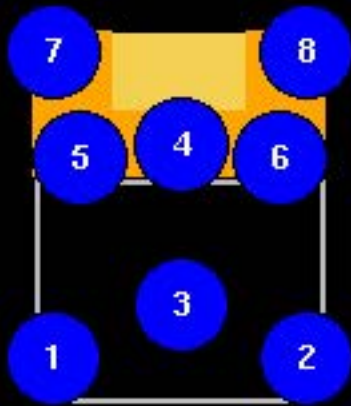
Tools

Detritus

Annotate

Overlay

Alarm List



Fog

Ship

Auto

Turns

Primary

Velocity mtr/min

Tether meter

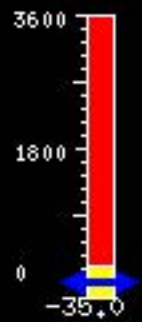
Tension lbs

Pressure psi

VB Water Level



VB Pressure



Pitch

Camera 1

Pan

Shoulder

Camera 2

Pan

RPM

VB FLOOD

- Detritus 1
- Detritus 2
- Detritus 3
- Detritus 4
- Detritus 5
- Detritus 6
- Detritus 7
- Detritus 8
- None

Telemetry 0

Bypass

Disk Logging

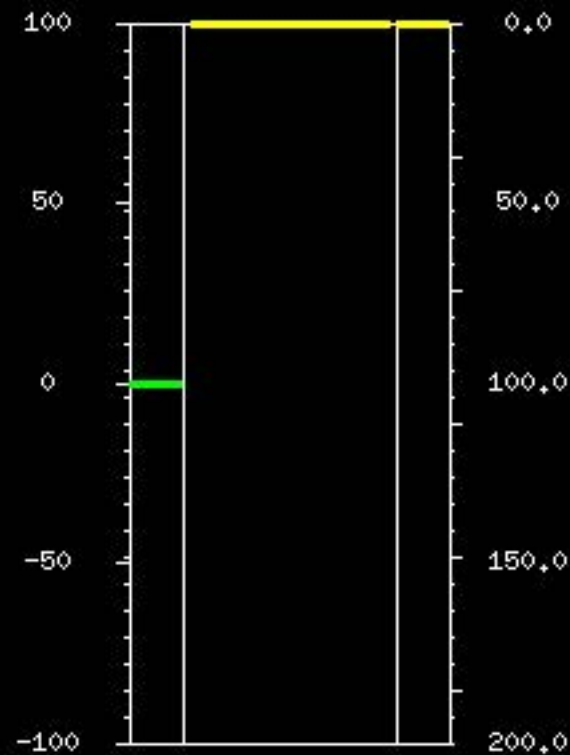
Teleos Serial

Teleos Ethernet

Ship Gyro

TMS

Depth

Port SC 24
Data Enable

Port SC 12

Cable Sled
On/Off

STBD Sc 12

FO SC 12
Data EnableUSBL Off/On
By DefaultSTBD Sc 24
Data Enable

FO Sc 24

USBL
Omni/Dir

Depth

0.0

Setpoint

Mesotech

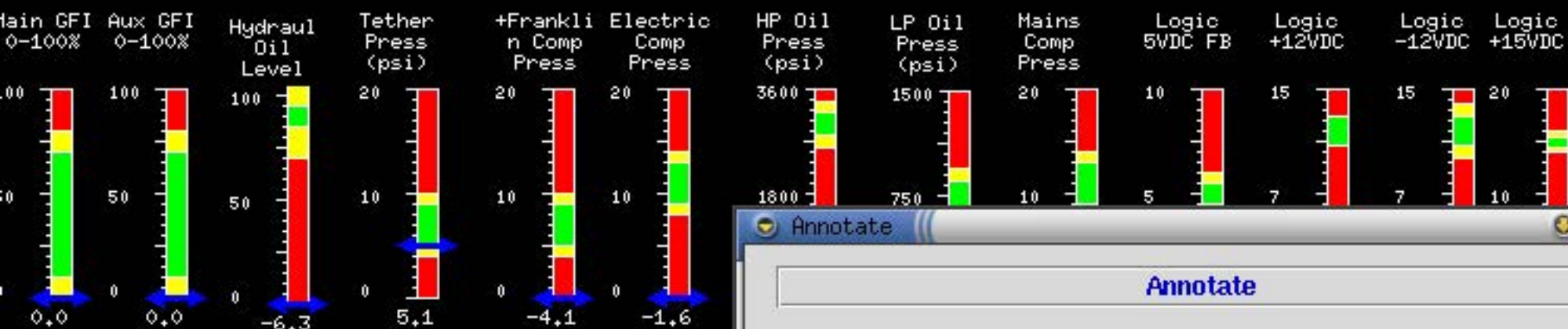
-1.0

Vertical Speed

0.0

Camera
EnableArm
EnableRock
OnPilot
Interface

File Maintenance Light Isolation Instruments Tools Detritus Annotate Overlay Alarm List



Thruster Spare Servo -17

Enable

HD CAMERA (grey=on)



KVH 113

Ship 0.0

Auto

Turns 0 Ship

Backup Reset Turn

Annotate

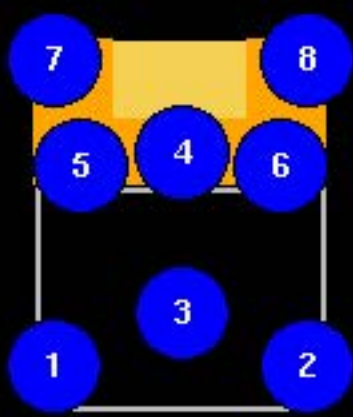
Hello
Monterey
Bay
Aquarium

1 2 3 4

Clear Box Clear Overlay

Display Save Close

File Maintenance Light Isolation Instruments Tools Detritus **Annotate** Overlay Alarm List



Telemetry	0	
Bypass		
Disk Logging		
Teleos Serial		
Teleos Ethernet		
Ship Gyro		
TMS		

Fog

Ship

Auto

Turns

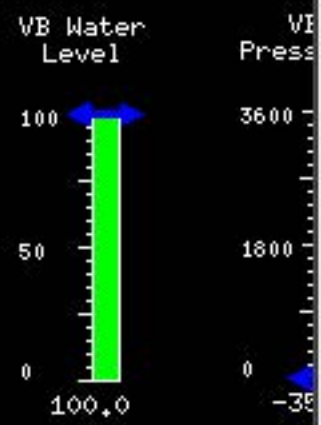
Primary

Velocity mtr/min

Tether meter

Tension lbs

Pressure psi



Annotate

Annotate

1

2

3

4

Clear Box

Clear Overlay

Display

Save

Close

File

Maintenance

Light Isolation

Instruments

Tools

Detritus

Annotate

Overlay

Alarm List

Telemetry 0

Overlay Field

Add Overlay Field

Existing Overlay Field

Select type

Color

Overlay Fields

☐ Analog☐ Dive☐ Pitch☐ Roll☐ DVLaltitude☐ Black☐ Green☐ Red☐ Cyan☐ White☐ Magenta☐ Blue☐ Yellow

Ana Gesadc 21 1(19) c(1)
Ana Gesadc 17 1(3) c(1)
DVLaltitude 1(4) c(1)
Dive 1(20) c(1)
Pitch 1(2) c(4)
Roll 1(3) c(4)

Line (5-20)

Column (1-4)

Add

Remove

Close

String

Enable Bits

Insert Text

Overlay Text

☐ Overlay the String

Fog
Ship
Auto
Turns
Prima
Veloc
Teth
Tens
Pres

Cam
Enal

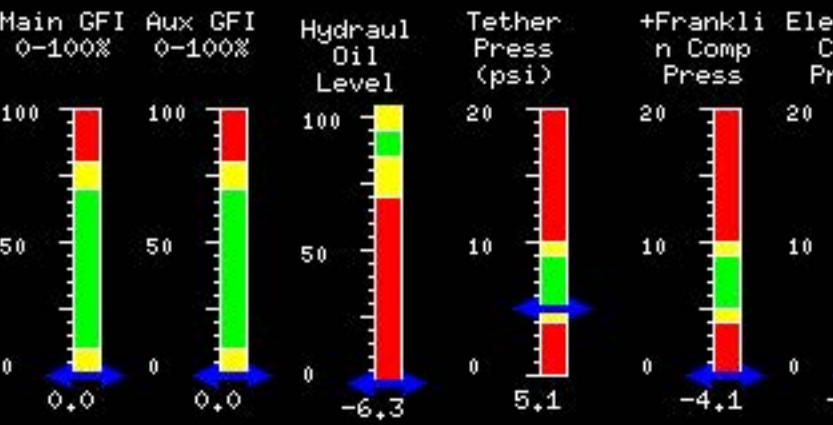
0.0 W I N I E I

0.0"
0.0"

-1.0
0.0

-1109.4
Dive# 3662

17:37:50 01/04/0



Thruster Spare Servo 0

Enable

HD CAM (grey=

Alarm List

No Ack Auto Pilot Setup

Close Clear List



KVH 113

Ship 0.0

Auto

Turns 0 Ship

Backup Reset Turn

FOG Power	Aux Cam 2	MOBB On/Off
Mesotech	Aux Cam 3 Upper Cam	Insite+MSC Cameras
Imaginex	Lasers	Compass
Core 120VAC	CTD Power	Ethernet Enable
DVL Power	CTD Pump	FO 120 VAC On/Off
Main Camera	Homer	FO TB42-3 MPL-1
Schilling	Sonar Power	FO MPL19 TB47-2

Analog Input #1

Analog Input #2

Analog Input #3

Analog Input #4

Analog Input #5

Analog Input #6

Analog Input #7

Analog Input #8

Analog Input #9

Analog Input #10

Analog Input #11

Analog Input #12

Analog Input #13

Analog Input #14

Analog Input #15

Analog Input #16

Close

Element Name Arm Swing sine

Graphic Information

Type None

X(0-800) 140

Y(0-600) 224

Autocalibrate Setup

Max 1.000000

Min -1.000000

Autocalibrate

Output

Enable

- ☒ Enable Channel
- ☒ Enable Autocalibrate

Analog Setup

Gain 0.648500

Offset -1.690000

Add

Delete

Value

☐ Digital Value

Analog -1.690000

Analog Raw 0.000000

Default

Power Up 0

On Deck 0

10-100 M 0

>100 M 0

OK

Cancel



Digital Input #1

Digital Input #2

Digital Input #3

Digital Input #4

Digital Input #5

Digital Input #6

Digital Input #7

Digital Input #8

Digital Input #9

Digital Input #10

Close

Analog Output #1

Analog Output #2

Analog Output #3

Analog Output #4

Analog Output #5

Analog Output #6

Analog Output #7

Analog Output #8

Analog Output #9

Analog Output #10

Analog Output #11

Analog Output #12

Analog Output #13

Analog Output #14

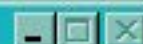
Analog Output #15

Analog Output #16

Close

Analog Input #1	Analog Input #17	Analog Input #33
Analog Input #2	Analog Input #18	Analog Input #34
Analog Input #3	Analog Input #19	Analog Input #35
Analog Input #4	Analog Input #20	Analog Input #36
Analog Input #5	Analog Input #21	Analog Input #37
Analog Input #6	Analog Input #22	Analog Input #38
Analog Input #7	Analog Input #23	Analog Input #39
Analog Input #8	Analog Input #24	Analog Input #40
Analog Input #9	Analog Input #25	Analog Input #41
Analog Input #10	Analog Input #26	Analog Input #42
Analog Input #11	Analog Input #27	Analog Input #43
Analog Input #12	Analog Input #28	Analog Input #44
Analog Input #13	Analog Input #29	Analog Input #45
Analog Input #14	Analog Input #30	Analog Input #46
Analog Input #15	Analog Input #31	Analog Input #47
Analog Input #16	Analog Input #32	Analog Input #48

This folder contains miscellaneous screengrabs of various utility pop-up windows that appear to be shared across more than one gui panel. Eg. used to select an analog or digital i/o element for a gui element or to edit the setting of an element etc.



File Camera ID Comm Settings

M B A R I



Monterey Bay Aquarium Research Institute

Insite Camera Control GUI

Orion Zoom

Pannel

Scorpio Digital Still

DXC-390

About

M B A R I



Insite Camera GUI

Version 4.0

Release Date = 08/04/06

D.Graves

Camera Response

EXIT



File Camera ID Comm Settings

M B A R I



Monterey Bay Aquarium Research Institute

Insite Camera Control GUI

Orion Zoom

Pannel

Scorpio Digital Still

DXC-390

About

Scan 

Current Cam.

5

ID Selector

5

Auto Focus

NEAR

FAR

White Balance



Auto



3200k



5600k



Manual Set

Exposure Control



Full Auto



Shutter



Brightness

WIDE

TELE

Serial#:

5EG075

Firmware Ver.

5

Camera Response

EXIT

File Camera ID Comm Settings

M B A R I



Monterey Bay Aquarium Research Institute

Insite Camera Control GUI

Orion Zoom

Pannel

Scorpio Digital Still

DXC-390

About

Camera Selection

☐	
☐	
☐	
☐	
☐	
☒	
☐	
☐	

Camera is in Auto Focus mode



ZOOM STOP



Camera ID

5

Pannel Output:

*9DIFFDF06

Camera Response

EXIT

File Camera ID Comm Settings

M B A R I



Monterey Bay Aquarium Research Institute

Insite Camera Control GUI

Orion Zoom

Pannel

Scorpio Digital Still

DXC-390

About

Scan



Current Cam.

0

ID Selector

None

Automatic

Manual

Play

Off

Image Size

+

-

Flash Mode

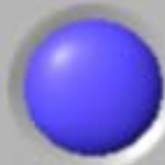


Focus Mode



Menu

Shutter Release



QUAL



Monitor

Tele

Wide

Camera Response

No Response

EXIT



Video Source

Core 1 MSC	0	ARIES NTSC	8
Core 2 MSC	1	Cool Pix	9
AUX 1	2	Schilling	10
AUX 2	3	noisy video	11
MW TLSD 1	4	Low Light	12
MW TLSD 2	5	ARIES R	13
UPPER MSC	6	ARIES G	14
AUX 3 upper	7	ARIES B	15

Focal Channel

Core 1 MSC	018
Core 1 MSC	001
Core 1 MSC	002
Core 1 MSC	003
Core 1 MSC	006
Core 1 MSC	007
Core 1 MSC	005
Core 1 MSC	NC

Status: **Disssconnected**

Undo Last