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Mooring Deployment Record

Project Name:	SoG AMP		
Project Area:	Strait of Georgia		
Mooring Name:	SOGS-J	Station Name	SoGS
Latitude:	49° 1.465	Longitude:	123° 25.808
Depth:	316 m → 313m datum	Tide:	+3 Sand Heads.
Mag. Declination:		Time Zone:	UTC
Date:	06/04/2011	Time:	1649
Remarks:			

Recovery

Date:	August 6, 2011	Time:	0130'ish UTC
Remarks:	Bright sunny evening.		

Instruments

Type	Serial #	Depth	Time In:	Time Out	Notes
VHF	Ch D				
Argos	20920				
Rates	718406	50			
SBE19+	6027	52			
Aqd	2649	53			
SBE16+	4196	150			Needs new data port. Pins got bent! CP.
Aqd	1161	300			
SBE37	5307	"			
RBR	17085	"			

Releases

Release	Serial #	Range:	Release	Freq	Other
AR861	887	169E	1655		1649 dcs

Pingers

Pinger	Serial #	Voltage	Freq
Helle	8967	18.9 V	
Helle	6571	19.1 V	

Flotation

Type	Serial #	Size	Colour	Type	Serial #	Size	Colour
SB30	3016						
SB30	3013						
SB30	3007						

Missing Records

Baker 718406

RBR 17085

```
SBE 19plus
S>*ds
SCP16, 6027, 2.0c, 0, 0, 19, N
S>ds
SBE 19plus V 2.0c  SERIAL NO. 6027    05 Apr 2011 17:59:45
vbatt = 13.9, vlith =  8.5, ioper =  61.2 ma, ipump =  44.6 ma,
iext01 =  36.4 ma
status = not logging
sample interval = 1800 seconds, number of measurements per sample = 4
samples = 0, free = 3463060
mode = moored, run pump during sample, delay before sampling = 5.0
seconds
transmit real-time = no
battery type = alkaline, battery cutoff =  7.5 volts
pressure sensor = strain gauge, range = 508.0
SBE 38 = no, Gas Tension Device = no
Ext Volt 0 = yes, Ext Volt 1 = yes
Ext Volt 2 = no, Ext Volt 3 = no
Ext Volt 4 = no, Ext Volt 5 = no
echo characters = yes
output format = raw HEX
S>startdatetime=04062011120000
S>ds
SBE 19plus V 2.0c  SERIAL NO. 6027    05 Apr 2011 18:01:09
vbatt = 13.9, vlith =  8.5, ioper =  61.2 ma, ipump =  42.5 ma,
iext01 =  34.2 ma
status = not logging
sample interval = 1800 seconds, number of measurements per sample = 4
samples = 0, free = 3463060
mode = moored, run pump during sample, delay before sampling = 5.0
seconds
transmit real-time = no
battery type = alkaline, battery cutoff =  7.5 volts
pressure sensor = strain gauge, range = 508.0
SBE 38 = no, Gas Tension Device = no
Ext Volt 0 = yes, Ext Volt 1 = yes
Ext Volt 2 = no, Ext Volt 3 = no
Ext Volt 4 = no, Ext Volt 5 = no
echo characters = yes
output format = raw HEX
S>startlater
start logging at = 06 Apr 2011 12:00:00, sample interval = 1800 seconds
```

```
============================================================
Deployment    : SOGSJB
Current time  : 4/6/2011 02:35:03
Start at      : 4/6/2011 20:00:00
Comment:
2649-Lithium
SOGS-J ->Lithium
Start:  April 6, 2011 @ 2000UTC
------------------------------------------------------------
Measurement interval  (s) : 600
Average interval      (s) : 120
Blanking distance     (m) : 0.37
Measurement load      (%) : 4
Power level               : HIGH
Diagnostics interval(min) : 1440
Diagnostics samples       : 20
Compass upd. rate     (s) : 1
Coordinate System         : ENU
Speed of sound      (m/s) : MEASURED
Salinity            (ppt) : 32
Analog input 1            : NONE
Analog input 2            : NONE
Analog input power out    : DISABLED
File wrapping             : OFF
Serial output/TellTale    : OFF
------------------------------------------------------------
Assumed duration   (days) : 120.0
Battery utilization   (%) : 167.0
Battery level         (V) : 11.3
Recorder size        (MB) : 9
Recorder free space  (MB) : 8.973
Memory required      (MB) : 0.8
Vertical vel. prec (cm/s) : 1.0
Horizon. vel. prec (cm/s) : 0.7
------------------------------------------------------------
Instrument ID             : AQD 2649
Head ID                   : 2KL 2299
Firmware version          : 1.21
------------------------------------------------------------
Aquadopp Version 1.30
Copyright (C) Nortek AS
============================================================
```

```
mat=3
S>ts
 16.7092,  0.00973,   -0.665, 2.9527, 0.0001,   0.0572, 05 Apr 2011,
19:14:06
S>outputfo□
□
□
□
tutformat=0
?cmd S>outputformat=0
S>ds
SeacatPlus V 1.3a  SERIAL NO. 4196    05 Apr 2011  19:14:30
vbatt = 13.9, vlith =  8.5, ioper =  61.9 ma, ipump =  39.7 ma,
iext01 =   4.9 ma,
status = not logging
sample interval = 4500 seconds, number of measurements per sample = 4
samples = 0, free = 441505
mode = moored, run pump during sample, delay before sampling = 35.0
seconds
transmit real-time = no
battery type = ALKALINE, battery cutoff =  7.5 volts
pressure sensor = strain gauge, range = 1450.0
SBE 38 = no, Gas Tension Device = no
Ext Volt 0 = yes, Ext Volt 1 = yes, Ext Volt 2 = no, Ext Volt 3 = no
echo commands = yes
output format = raw HEX
S>startdate=□
□
□
□
□
mmddyy=040611
S>starthhmmss=120000
start time = 06 Apr 2011  12:00:00
send startlater command to start delayed logging
S>ds
SeacatPlus V 1.3a  SERIAL NO. 4196    05 Apr 2011  19:15:15
vbatt = 13.9, vlith =  8.5, ioper =  61.9 ma, ipump =  41.2 ma,
iext01 =   4.8 ma,
status = not logging
sample interval = 4500 seconds, number of measurements per sample = 4
samples = 0, free = 441505
mode = moored, run pump during sample, delay before sampling = 35.0
seconds
transmit real-time = no
battery type = ALKALINE, battery cutoff =  7.5 volts
pressure sensor = strain gauge, range = 1450.0
SBE 38 = no, Gas Tension Device = no
Ext Volt 0 = yes, Ext Volt 1 = yes, Ext Volt 2 = no, Ext Volt 3 = no
echo commands = yes
output format = raw HEX
S>startlater
start time = 06 Apr 2011 12:00:00
```

```
============================================================
Deployment   : SOGS-j
Current time : 4/6/2011 03:00:28
Start at     : 4/6/2011 20:00:00
Comment:
1196(deepwater)
SOGS-I ->Double length alkaline
Start:  April6,2011 @ 20000UTC
------------------------------------------------------------
Measurement interval  (s) : 600
Average interval      (s) : 120
Blanking distance     (m) : 0.37
Measurement load      (%) : 4
Power level               : HIGH
Diagnostics interval(min) : 1440
Diagnostics samples       : 20
Compass upd. rate     (s) : 1
Coordinate System         : ENU
Speed of sound      (m/s) : MEASURED
Salinity            (ppt) : 32
Analog input 1            : NONE
Analog input 2            : NONE
Analog input power out    : DISABLED
File wrapping             : OFF
Serial output/TellTale    : OFF
------------------------------------------------------------
Assumed duration   (days) : 120.0
Battery utilization   (%) : 167.0
Battery level         (V) : 14.1
Recorder size        (MB) : 5
Recorder free space  (MB) : 4.973
Memory required      (MB) : 0.8
Vertical vel. prec (cm/s) : 1.0
Horizon. vel. prec (cm/s) : 0.7
------------------------------------------------------------
Instrument ID             : AQD 1161
Head ID                   : A6L 1438
Firmware version          : 1.21
------------------------------------------------------------
Aquadopp Version 1.30
Copyright (C) Nortek AS
============================================================
```

```
temperature = 20.68 deg C
S>ts
 20.6549, 0.00199,   -0.101,    0.0171, 1484.369, 02 Jan 1980, 03:37:11
S>ddmmyy=060411
S>hhmmss025115
S>ds
SBE37-SM V 2.6b  SERIAL NO. 5307    07 Apr 2011  01:11:06
logging not started
sample interval = 1200 seconds
samplenumber = 11159, free = 179491
do not transmit real-time data
output salinity with each sample
output sound velocity with each sample
store time with each sample
number of samples to average = 4
serial sync mode disabled
wait time after serial sync sampling = 30 seconds
internal pump is installed
temperature = 20.61 deg C
S>ddmmyy=060411
S>hhmmss
S>h□
ddmmyy=060411
S>hhmmss=025200
S>ds
SBE37-SM V 2.6b  SERIAL NO. 5307    06 Apr 2011  02:52:01
logging not started
sample interval = 1200 seconds
samplenumber = 11159, free = 179491
do not transmit real-time data
output salinity with each sample
output sound velocity with each sample
store time with each sample
number of samples to average = 4
serial sync mode disabled
wait time after serial sync sampling = 30 seconds
internal pump is installed
temperature = 20.59 deg C
S>outputsal=y
S>outputsv-□
=y
S>format=1
S>navg=4
S>pumpinstalled=y
S>samplenum=0
S>interval=1200
S>staro□
□
□
ort□
etime=y
S>txreat□
ltime=n
S>startddmmyy=060411
S>starthhmmss=200000
start time = 06 Apr 2011  20:00:00
S>ds
SBE37-SM V 2.6b  SERIAL NO. 5307    06 Apr 2011  02:53:21
logging not started
sample interval = 1200 seconds
```

```
samplenumber = 0, free = 190650
do not transmit real-time data
output salinity with each sample
output sound velocity with each sample
store time with each sample
number of samples to average = 4
serial sync mode disabled
wait time after serial sync sampling = 30 seconds
internal pump is installed
temperature = 20.62 deg C
S>startlater
start time = 06 Apr 2011  20:00:00
```