

Tat = 0

W

W

SEVER 2007 - RUSALCA - CTD LOG - (bridge positions SK42)

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CONSECUTIVE STATION NUMBER 1 STATION NAME BS 24

\*\*Switches on ☒ local +8 For GMT  
 Start: Date 1st Sat 07 Time 18:28/32 (GMT) LAT 65 34.859 LONG 168 6.983  
 Bott: Date Time 18:34 (GMT) LAT 65 34.897 LONG 168 7.090  
 OoW: Date Time 18:36 (GMT) LAT 34.901 LONG 168 7.141  
 Estimate of Depth 25m Stand at wheel = 30 Wheel = 7. at 5m at bottom 30. 27m.

\*\*Switches off

COMMENTS (ie other measurements)

	NUT BOT NUM	CHLOR (yes)
Bottom Bottle <input checked="" type="checkbox"/>	R3	3
Mid Bottle <input checked="" type="checkbox"/>	R2	2
Surface Bucket <input checked="" type="checkbox"/>	R1	1

W/O. Sds = 7m. Bottle = 17m. Sds = 30m.  
 - small spillage at rail. at. 27m or more.

Download SBE25:

- start SBETerm, (set to SBE 25)

- DS ☒ Cast number (in CTD) 1 Start Scan 7020 End Scan 10077

- vbattery 11.6 v lith 5.3

- Upload Cast number (in CTD) Add cruise cast/name to header Cast 1 - BS 24

- File name (e.g. Sever\_sbe25\_stationNN.hex) sbe 25-st 1 Backup

RL ☒ or (if you want to clear memory)- GL

Download SBE19plus:

- start SBETerm, (set to SBE 19plus) ☒

- DS ☒ Cast number (in CTD) 2 Start Scan End Scan

- vbattery 13.3 v lith 8.4 DH ☒ (displays data header with the noise!!)

- Upload Cast number (in CTD) 2 Add cruise cast/name to header

- File name (e.g. Sever\_sbe19\_stationNN.hex) sbe 19-st 1 Backup

initlogging ONLY IF YOU WANT TO CLEAR THE MEMORY!!

(note, will log data even although at DS it says NOT logging data - cos switch is off)

CONSECUTIVE STATION NUMBER 2 STATION NAME BS 23

\*\*Switches on ☒  
 Start: Date 1st Sat 07 Time 18:58 (GMT) LAT 65 36.058 LONG 168.09.361  
 Bott: Date Time 19:02 (GMT) LAT 65 36.120 LONG 168.9.308 Measure.  
 OoW: Date Time 19:04 (GMT) LAT 65 36.151 LONG 168.2.59  
 Estimate of Depth 31

\*\*Switches off

COMMENTS (ie other measurements)

	NUT BOT NUM	CHLOR (yes)
Bottom Bottle <input checked="" type="checkbox"/>	R6	6
Mid Bottle <input checked="" type="checkbox"/>	R5	5
Surface Bucket <input checked="" type="checkbox"/>	R4	4

W/O. Sds = 7m. Bottle = 22m. Sds = 32m, + 3 = 33m.

Download SBE25:

- start SBETerm, (set to SBE 25)

- DS Cast number (in CTD) 2 Start Scan 10078 End Scan 15403

- vbattery 11.4 v lith 5.3

- Upload Cast number (in CTD) Add cruise cast/name to header stat 2 - BS 23

- File name (e.g. Sever\_sbe25\_stationNN.hex) sbe 25-st 02 Backup

RL ☒ or (if you want to clear memory)- GL

Download SBE19plus:

- start SBETerm, (set to SBE 19plus) ☒

- DS Cast number (in CTD) 3 Start Scan End Scan

- vbattery v lith DH (displays data header with the noise!!)

- Upload Cast number (in CTD) 3 Add cruise cast/name to header Stat 07

- File name (e.g. Sever\_sbe19\_stationNN.hex) sbe 19-st 02 Backup

initlogging ONLY IF YOU WANT TO CLEAR THE MEMORY!!

## SEVER 2007 - RUSALCA - CTD LOG - (bridge positions SK42)

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TWO

1930-H17

W inch 1.65m

CONSECUTIVE STATION NUMBER 3 STATION NAME BS22

## \*\*Switches on

Start: Date 1st Sat Time 19:40 (GMT) LAT 65 37.838 LONG 168 10.418

Bott: Date Time 19:42 (GMT) LAT 65 37.680 LONG 168 10.399

OoW: Date Time 19:44 (GMT) LAT 65 37.706 LONG 168 10.365

Estimate of Depth 33m

## \*\*Switches off

## COMMENTS (ie other measurements)

	NUT BOT NUM	CHLOR (yes)
Bottom Bottle Surface	1 R7	1
Mid Bottle	2 R8	2
Surface Bucket Bottom	3 R9	3

Win Out at Saloon = 7m.

Lot of work at Mid bottle = 22m.  
at Bottom = 36m

38m = bot.

36m = stop

22m = stop

## Download SBE25:

- start SBETerm, (set to SBE 25)

- DS Cast number (in CTD) 3 Start Scan End Scan

- vbattery 11.5 v lith 5.3

- Upload Cast number (in CTD) Add cruise cast/name to header

- File name (e.g. Sever\_sbe25\_stationNN.hex) sbe25-st03.hex Backup

RL or (if you want to clear memory)- GL

## Download SBE19plus:

- start SBETerm, (set to SBE 19plus)

- DS Cast number (in CTD) 4 Start Scan End Scan

- vbattery v lith DH (displays data header with the noise!)

- Upload Cast number (in CTD) Add cruise cast/name to header

- File name (e.g. Sever\_sbe19\_stationNN.hex) sbe19-st03.hex Backup

initlogging ONLY IF YOU WANT TO CLEAR THE MEMORY!!

(note, will log data even although at DS it says NOT logging data - cos switch is off)

DINWER

CONSECUTIVE STATION NUMBER 4 STATION NAME BS21

## \*\*Switches on

Start: Date 1st Sat 07 Time 20:40 (GMT) LAT 65 38.605 LONG 168 14.955

Bott: Date 1 Time 20:44 (GMT) LAT 65 38.660 LONG 168 14.905

OoW: Date 1 Time 20:46 (GMT) LAT 65 38.689 LONG 168 14.878

Estimate of Depth 43

## \*\*Switches off

## COMMENTS (ie other measurements)

	NUT BOT NUM	CHLOR (yes)
Bottom Bottle Surface	4 R10	4
Mid Bottle	5 R11	5
Surface Bucket Bottom	6 R12	6

Win Out at Saloon 7m.

Bottom 27m

Bottom 46m

48:

↓

46:

## Download SBE25:

- start SBETerm, (set to SBE 25)

- DS Cast number (in CTD) 4 Start Scan End Scan

- vbattery 11.4 v lith 5.2

- Upload Cast number (in CTD) Add cruise cast/name to header

- File name (e.g. Sever\_sbe25\_stationNN.hex) sbe25-st04 Backup

RL or (if you want to clear memory)- GL

## Download SBE19plus:

- start SBETerm, (set to SBE 19plus)

- DS Cast number (in CTD) 5 Start Scan End Scan

- vbattery 13.1 v lith 8.3 DH (displays data header with the noise!)

- Upload Cast number (in CTD) 5 Add cruise cast/name to header

- File name (e.g. Sever\_sbe19\_stationNN.hex) sbe19-st04 Backup

initlogging ONLY IF YOU WANT TO CLEAR THE MEMORY!!

Cast 5 = SBE 25 = dead

Cast 6 " 19 = dead

3  
PAL.  
FL, CR.

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CONSECUTIVE STATION NUMBER 5 STATION NAME BS 20

\*\*Switches on ☒ load  
Start: Date 14 Sept 07 Time 21:09 (GMT) LAT 65 39.285 LONG 168 18.835  
Bott: Date 14 Sept 07 Time 21:13 (GMT) LAT 65 39.305 LONG 168 18.839  
OoW: Date 14 Sept 07 Time 21:15 (GMT) LAT 65 39.319 LONG 168 18.812  
Estimate of Depth 46 m.

\*\*Switches off

	NUT BOT NUM	CHLOR (yes)
<u>Sula</u>		
<u>Bottom Bottle</u> <input checked="" type="checkbox"/>	<u>R13</u>	<u>1</u>
<u>Mid Bottle</u>	<u>R14</u>	<u>2</u>
<u>Surface Bucket</u> <input checked="" type="checkbox"/>	<u>R15</u>	<u>3</u>

COMMENTS (ie other measurements)

WO at Sula = 7m.  
Bottle e = 30m.  
Sula e = 49m.

Bat. WO. STM.  
7m 49m

lots of prop wash.

Download SBE25:

☒ - start SBETerm, (set to SBE 25)

PH -DS DS Cast number (in CTD) 6 Start Scan 11.4 End Scan 5.2

- v battery 11.4 v lith 5.2

- Upload DS Cast number (in CTD) 6 Add cruise cast/name to header Sev 07 Sld 5 BS20

- File name (e.g. Sever\_sbe25\_stationNN.hex) sbe25-st05 Backup GL

RL ☒ or (if you want to clear memory)- GL GL

Download SBE19plus:

☒ - start SBETerm, (set to SBE 19plus)

-DS DS Cast number (in CTD) 7 Start Scan 13.0 End Scan 8.3

- v battery 13.0 v lith 8.3 DH dh (displays data header with the noise!!) Man ☒

- Upload DS Cast number (in CTD) 7 Add cruise cast/name to header Sev 07 Sld 5 BS20

- File name (e.g. Sever\_sbe19\_stationNN.hex) sbe19-st05 Backup GL

initlogging ONLY IF YOU WANT TO CLEAR THE MEMORY!!

(note, will log data even although at DS it says NOT logging data - cos switch is off)

CONSECUTIVE STATION NUMBER 6 STATION NAME BS 19

\*\*Switches on ☒

Start: Date 15 Sept 07 Time 21:49 (GMT) LAT 65 40.385 LONG 168 23.180

Bott: Date 15 Sept 07 Time 21:53 (GMT) LAT 65 40.438 LONG 168 23.156

OoW: Date 15 Sept 07 Time 22:04 (GMT) LAT 65 40.582 LONG 168 23.077

Estimate of Depth 53 m.

\*\*Switches off

	NUT BOT NUM	CHLOR (yes)
<u>Sula</u>		
<u>Bottom Bottle</u> <input checked="" type="checkbox"/>	<u>R16</u>	<u>4</u>
<u>Mid Bottle</u>	<u>R17</u>	<u>5</u>
<u>Surface Bucket</u> <input checked="" type="checkbox"/>	<u>R18</u>	<u>6</u>

COMMENTS (ie other measurements)

WO at Sula = 7m.  
WO at Midb = 32m  
WO at Bot. = 56m

Work done 21:57  
22:02

Delayed up  
east  
Ward  
shave

Download SBE25:

☒ - start SBETerm, (set to SBE 25) ☒

-DS DS Cast number (in CTD) 7 Start Scan 11.2 End Scan 5.2

- v battery 11.2 v lith 5.2

- Upload DS Cast number (in CTD) 7 Add cruise cast/name to header Sev 07 Sld 5 BS20

- File name (e.g. Sever\_sbe25\_stationNN.hex) sbe25-st06 Backup GL

RL ☒ or (if you want to clear memory)- GL GL

Download SBE19plus:

☒ - start SBETerm, (set to SBE 19plus) ☒

-DS DS Cast number (in CTD) 8 Start Scan 12.9 End Scan 8.3

- v battery 12.9 v lith 8.3 DH dh (displays data header with the noise!!)

- Upload DS Cast number (in CTD) 8 Add cruise cast/name to header Sev 07 Sld 5 BS20

- File name (e.g. Sever\_sbe19\_stationNN.hex) sbe19-st06 Backup GL

initlogging ONLY IF YOU WANT TO CLEAR THE MEMORY!!

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All time  
= localCONSECUTIVE STATION NUMBER 7 STATION NAME RS18

\*\*Switches on ☒ Depth Est 53 Switches off ☐  
 Start: Date 1st Sept Time 22:25 (GMT) LAT 65 41.171 LONG 168 26.905  
 Bott: Date 22:27 (GMT) LAT 65 41.212 LONG 168 26.877  
 OoW: Date 22:31 (GMT) LAT 65 41.242 LONG 168 26.836

NUT BOT NUM CHLORO(yes)

~~SURFACE BOT~~ R19 1 WO CTD at surface = 7m  
 MID BOT R20 2 WO for Mid Bottle = 32m Depth         
 BOTTOM BOT R21 3 WOat Bottom = 56m

Comments:

## Download SBE25:

☒ start SBTerm, (set to SBE 25) ☒  
 - DS 8 Cast number (in CTD) 8 - vbattery 11.2 v lith 5.2 Buy Mem <h  
 - Upload        - File name (e.g. Sever\_sbe25\_stationNN.hex) sbe25-st07 Backup         
 RL ☒ or (if you want to clear memory)- GL       

## Download SBE19plus:

☒ - start SBTerm, (set to SBE 19plus) ☒  
 - DS 9 Cast number (in CTD) 9 - vbattery 12.8 v lith 5.2 DH  
 Upload        - File name (e.g. Sever\_sbe19\_stationNN.hex) sbe19-st07 Backup         
 initlogging        ONLY IF YOU WANT TO CLEAR THE MEMORY!!

CONSECUTIVE STATION NUMBER 8 STATION NAME BS17

\*\*Switches on ☒ Depth Est 56 Switches off ☐  
 Start: Date 1st Sept 07 Time 22:54 (GMT) LAT 65 42.253 LONG 168 31.216  
 Bott: Date 22:58 (GMT) LAT 65 42.316 LONG 168 31.199  
 OoW: Date 23:00 (GMT) LAT 65 42.341 LONG 168 31.137

NUT BOT NUM CHLORO(yes)

~~SURFACE BOT~~ R22 4 WO CTD at surface = 7m  
 MID BOT R23 5 WO for Mid Bottle = 32m Depth         
 BOTTOM BOT R24 6 WOat Bottom = 59m

Comments:

## Download SBE25:

☒ start SBTerm, (set to SBE 25) ☒  
 - DS 9 Cast number (in CTD) 9 - vbattery 11.2 v lith 5.2 Exch Mem 7 1/2  
 - Upload        - File name (e.g. Sever\_sbe25\_stationNN.hex) sbe25-st08 Backup         
 RL ☒ or (if you want to clear memory)- GL       

## Download SBE19plus:

☒ - start SBTerm, (set to SBE 19plus) ☒  
 - DS 10 Cast number (in CTD) 10 - vbattery 12.8 v lith 8.2 DH Mem  
 Upload        - File name (e.g. Sever\_sbe19\_stationNN.hex) sbe19-st08 Backup         
 initlogging        ONLY IF YOU WANT TO CLEAR THE MEMORY!!

CONSECUTIVE STATION NUMBER 9 STATION NAME BS16

\*\*Switches on ☒ Depth Est 53 Switches off ☐  
 Start: Date 1st Sept 07 Time 23:26 (GMT) LAT 65 43.454 N LONG 168 35.351 W  
 Bott: Date 23:30 (GMT) LAT 65 43.491 N LONG 168 35.273  
 OoW: Date 23:32 (GMT) LAT 65 43.513 N LONG 168 35.225

NUT BOT NUM CHLORO(yes)

SURFACE BOT R25 1 WO CTD at surface = 7m  
 MID BOT R26 2 WO for Mid Bottle = 32m Depth         
 BOTTOM BOT R27 3 WOat Bottom = 56m

Comments:

## Download SBE25:

☒ - start SBTerm, (set to SBE 25) ☒  
 - DS 10 Cast number (in CTD) 10 - vbattery 11.3 v lith 5.2 Mem 7 1/2  
 - Upload        - File name (e.g. Sever\_sbe25\_stationNN.hex) sbe25-st09 Backup         
 RL ☒ or (if you want to clear memory)- GL       

## Download SBE19plus:

☒ - start SBTerm, (set to SBE 19plus) ☒  
 - DS 11 Cast number (in CTD) 11 - vbattery 12.8 v lith 8.2 DH Mem > 1/2  
 Upload        - File name (e.g. Sever\_sbe19\_stationNN.hex) sbe19-st09 Backup         
 initlogging        ONLY IF YOU WANT TO CLEAR THE MEMORY!!

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CONSECUTIVE STATION NUMBER 10 STATION NAME BS15

\*\*Switches on ☒ Depth Est 53 Switches off  
 Start: Date 15 Sept 07 Time 23:57 (GMT) LAT 65 44.447 LONG 168 39.731  
 Bott: Date 24 Sept 07 Time 00:01 (GMT) LAT 65 44.480 LONG 168 39.683  
 OoW: Date Time 03 (GMT) LAT 65 44.507 LONG 168 39.620

NUT BOT NUM CHLORO(yes)

SURFACE BOT R28 4 WO CTD at surface = 7m  
 MID BOT R29 5 WO for Mid Bottle = 32m Depth  
 BOTTOM BOT R30 6 WO at Bottom = 56m

Comments:

## Download SBE25:

- start SBETerm, (set to SBE 25) ☒

- D# Cast number (in CTD) 11 - vbattery 11.2 v lith 5.2 Ma &lt; 5

- Upload - File name (e.g. Sever\_sbe25\_stationNN.hex) sbe25-st10 Backup

RL ☒ or (if you want to clear memory)- GL

## Download SBE19plus:

- start SBETerm, (set to SBE 19plus) ☒

- D# Cast number (in CTD) 12 - vbattery 12.7 v lith 8.2 DHMa &lt; 5

Upload - File name (e.g. Sever\_sbe19\_stationNN.hex) sbe19-st10 Backup

initlogging ONLY IF YOU WANT TO CLEAR THE MEMORY!!

CONSECUTIVE STATION NUMBER 11 STATION NAME BS14

\*\*Switches on ☒ Depth Est 52 Switches off  
 Start: Date 24 Sept 07 Time 02:28 (GMT) LAT 65 45.337 LONG 168 42.769  
 Bott: Date Time 00:32 (GMT) LAT 65 45.426 LONG 168 42.797  
 OoW: Date Time 34 (GMT) LAT 65 45.505 LONG 168 42.784

NUT BOT NUM CHLORO(yes)

SURFACE BOT R31 1 WO CTD at surface = 7m  
 MID BOT R32 2 WO for Mid Bottle = 32m Depth  
 BOTTOM BOT R33 3 WO at Bottom = 55m

Comments:

## Download SBE25:

- start SBETerm, (set to SBE 25) ☒

- D# Cast number (in CTD) 12 - vbattery 11.1 v lith 5.2 8 1/2

- Upload - File name (e.g. Sever\_sbe25\_stationNN.hex) sbe25-st11 Backup

RL ☒ or (if you want to clear memory)- GL

## Download SBE19plus:

- start SBETerm, (set to SBE 19plus) ☒

- D# Cast number (in CTD) 13 - vbattery 12.7 v lith 8.2 DH-

Upload - File name (e.g. Sever\_sbe19\_stationNN.hex) sbe19-st11 Backup

initlogging ONLY IF YOU WANT TO CLEAR THE MEMORY!!

CONSECUTIVE STATION NUMBER 12 STATION NAME BS13

\*\*Switches on ☒ Depth Est 52 Switches off  
 Start: Date 24 Sept 07 Time 01:01 (GMT) LAT 65 46.523 LONG 168 47.387  
 Bott: Date Time 01:06 (GMT) LAT 65 46.593 LONG 168 47.357  
 OoW: Date Time 01:08 (GMT) LAT 65 46.626 LONG 168 47.346

NUT BOT NUM CHLORO(yes)

SURFACE BOT R34 4 WO CTD at surface = 7m  
 MID BOT R35 5 WO for Mid Bottle = 32m Depth  
 BOTTOM BOT R36 6 WO at Bottom = 55m

Comments:

## Download SBE25:

- start SBETerm, (set to SBE 25) ☒

- D# Cast number (in CTD) 13 - vbattery 11.1 v lith 5.2

- Upload - File name (e.g. Sever\_sbe25\_stationNN.hex) sbe25-st12 Backup

RL ☒ or (if you want to clear memory)- GL

## Download SBE19plus:

- start SBETerm, (set to SBE 19plus) ☒

- D# Cast number (in CTD) 14 - vbattery 12.6 v lith 8.2 DH-

Upload - File name (e.g. Sever\_sbe19\_stationNN.hex) sbe19-st12 Backup

initlogging ONLY IF YOU WANT TO CLEAR THE MEMORY!!

Most died  
get all  
castsUsing Tank to  
hold cast.Maybe not all  
in water during  
soak.

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CONSECUTIVE STATION NUMBER 13 STATION NAME BS 12 RUSSIAN? NO

\*\*Switches on ☒ Depth Est 46 Switches off

InW Date 24 Sept 07 Time Local 01:26 GMT 09:26 LAT 65 47 331 LONG 168 51 526

Bott: Date Time Local 01:30 GMT LAT 65 47 406 LONG 168 51 667

O W: Date Time Local 01:32 GMT LAT 65 47 4 59 LONG 168 51 745

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R37	1	At surface	7m	
Mid Bottle	R38	2	For mid Bot	32m	
Bottom Bottle	R39	3	Bottom Stop	49m	

# Download SBE25: ☒ start SBETerm, (set to SBE 25) ☒ Comms ☒- DH ☒ Cast number (in CTD) 14 - vbattery 11.2 v lith 5.1 Memory free ~ 1/2

- Upload - File name (e.g. sbe25\_stNN.hex) sbe-st13 Backup

RL ☒ OR TO ERASE MEMORY - BACKUP GL#5046 Download SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒- DH ☒ Cast number (in CTD) 15 - vbattery 12.6 v lith 8.2 Memory free >> 1/2

Upload - File name (e.g. sbe19\_stNN.hex) sbe19-st13 Backup

That's all OR TO ERASE MEMORY - BACKUP initlogging

CONSECUTIVE STATION NUMBER STATION NAME RUSSIAN?

\*\*Switches on ☒ Depth Est 46 Switches off

InW Date 24 Sept Time Local 01:26 GMT LAT 65 47 051 LONG 168 51 637

Bott: Date Time Local GMT LAT LONG

O W: Date Time Local GMT LAT LONG

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket			At surface		
Mid Bottle			For mid Bot		
Bottom Bottle			Bottom Stop		

Download SBE25: start SBETerm, (set to SBE 25) Comms

- DH ☒ Cast number (in CTD) - vbattery v lith Memory free

- Upload - File name (e.g. sbe25\_stNN.hex) Backup

RL OR TO ERASE MEMORY - BACKUP GL

Download SBE19plus: start SBETerm, (set to SBE 19plus) Comms

- DH ☒ Cast number (in CTD) - vbattery v lith Memory free

Upload - File name (e.g. sbe19\_stNN.hex) Backup

That's all OR TO ERASE MEMORY - BACKUP initlogging

CONSECUTIVE STATION NUMBER 14 STATION NAME BS12 RUSSIAN? NO

\*\*Switches on ☒ Depth Est 46 Switches off

InW Date 24 Sept 07 Time Local 09:26 GMT 17:26 LAT 65 47 059 LONG 168 51 687

Bott: Date Time Local 09:29 GMT LAT 65 47 035 LONG 168 51 714

O W: Date Time Local 09:31 GMT LAT 65 47 031 LONG 168 51 734

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R40	1	At surface	7m	
Mid Bottle	R41	2	For mid Bot	32m	
Bottom Bottle	R42	3	Bottom Stop	49m	

Download SBE25: start SBETerm, (set to SBE 25) ☒ Comms ☒- DH ☒ Cast number (in CTD) 1 - vbattery 11.5 v lith 5.2 Memory free 126950- Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st14 BackupRL ☒ OR TO ERASE MEMORY - BACKUP GLDownload SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒- DH ☒ Cast number (in CTD) 1 - vbattery 12.7 v lith 8.1 Memory free 64Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st14 Backup

That's all OR TO ERASE MEMORY - BACKUP initlogging

IN DARK  
with torchSPUT OF BS  
LINE.  
?? SBE19 clock  
1hr past 3:5Next clock  
as SBE19Set SBE19  
to 200Set SBE25  
to 200Break  
2am  
down  
again

Foggy

redo all the SBE break



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CONSECUTIVE STATION NUMBER 15 STATION NAME BS 11 RUSSIAN? NO.

\*\*Switches on ☒ Depth Est 47 Switches off

InW Date 21 Sep 07 Time Local 09:52 GMT 17:52 LAT 65 48.267 LONG 168 55.829

Bott: Date Time Local 09:52 GMT LAT 65 48.338 LONG 168 55.559

O W: Date Time Local 09:58 GMT LAT 65 48.375 LONG 168 55.464

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R 43	4	At surface	8m	
Mid Bottle	R 44	5	For mid Bot	33m	
Bottom Bottle			Bottom Stop	51m	

Download SBE25: start SBETerm, (set to SBE 25) ☒ Comms ☒- DH ☒ Cast number (in CTD) 2 - vbattery 11.3 v lith 5.2 Memory free 100.- Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st15 BackupRL ☒ OR TO ERASE MEMORY - BACKUP GLDownload SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒- DH ☒ Cast number (in CTD) 2 - vbattery 12.7 v lith 8.1 Memory free 100.Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st15 BackupThat's all ☒ OR TO ERASE MEMORY - BACKUP initlogging

CONSECUTIVE STATION NUMBER 16 STATION NAME BS 10 RUSSIAN? YES

\*\*Switches on ☒ Depth Est 41 Switches off

InW Date Time Local 10:29 GMT LAT 65 49.489 LONG 169 00.184

Bott: Date Time Local 10:33 GMT LAT 65 49.474 LONG 169 00.206

O W: Date Time Local 10:35 GMT LAT 65 49.469 LONG 169 00.184

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R 46	1	At surface	8.5 m	
Mid Bottle	R 47	2	For mid Bot	29 m	
Bottom Bottle	R 48	3	Bottom Stop	47	

Download SBE25: start SBETerm, (set to SBE 25) ☒ Comms ☒- DH ☒ Cast number (in CTD) 3 - vbattery 11.3 v lith 5.2 Memory free 100.- Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st16 BackupRL ☒ OR TO ERASE MEMORY - BACKUP GLDownload SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒- DH ☒ Cast number (in CTD) 3 - vbattery 12.6 v lith 8.1 Memory free 100.Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st16 BackupThat's all ☒ OR TO ERASE MEMORY - BACKUP initlogging

CONSECUTIVE STATION NUMBER 17 STATION NAME BS 9 RUSSIAN? YES

\*\*Switches on ☒ Depth Est 46 Switches off

InW Date 21 Sep 07 Time Local 10:57 GMT LAT 65 50.532 LONG 169 04.255

Bott: Date Time Local 11:01 GMT LAT 65 50.541 LONG 169 04.304

O W: Date Time Local 11:02 GMT LAT 65 50.561 LONG 169 04.323

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R 49	4	At surface	8.5	
Mid Bottle	R 50	5	For mid Bot	34	
Bottom Bottle	R 51	6	Bottom Stop	52	

Download SBE25: start SBETerm, (set to SBE 25) ☒ Comms ☒- DH ☒ Cast number (in CTD) 4 - vbattery 11.2 v lith 5.2 Memory free 100.- Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st17 BackupRL ☒ OR TO ERASE MEMORY - BACKUP GLDownload SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒- DH ☒ Cast number (in CTD) 4 - vbattery 12.5 v lith 8.2 Memory free 100.Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st17 BackupThat's all ☒ OR TO ERASE MEMORY - BACKUP initloggingFront ~ 200 yards to  
W of this station

Clear again

## SEVER 2007 - RUSALCA - CTD LOG - (bridge positions SK42)

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8

No longer in lee of island.

CONSECUTIVE STATION NUMBER 18 STATION NAME BS8 RUSSIAN? YES

\*\*Switches on ☒ Depth Est 465 Switches off ☐  
 InW Date 24 Oct 07 Time Local 11:24 GMT LAT 65 51.796 LONG 169 8.267  
 Bott: Date Time Local 11:27 GMT LAT 65 51.832 LONG 169 8.155  
 O W: Date Time Local 11:29 GMT LAT 65 51.856 LONG 169 8.058

clean - mostly calm  
 eddy...  
 brownish  
 Chopping

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R 52 52	1	At surface	9m	
Mid Bottle	R 52 53	2	For mid Bot	23m 33m	
Bottom Bottle	R 53 54	3	Bottom Stop	52m	

1m below surface!  
 (1m below SBL)

8 → 55-57  
 small wave

**Download SBE25:** start SBTerm, (set to SBE 25) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 5 - vbattery 11.1 v lith 5.1 Memory free  
 - Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st18 Backup  
 RL ☒ OR TO ERASE MEMORY - BACKUP GL  
**Download SBE19plus:** start SBTerm, (set to SBE 19plus) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 5 - vbattery 12.5 v lith 8.1 Memory free  
 Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st18 Backup  
 That's all OR TO ERASE MEMORY - BACKUP initlogging

CONSECUTIVE STATION NUMBER 19 STATION NAME BS7 RUSSIAN? YES

\*\*Switches on ☒ Depth Est 49 Switches off ☐  
 InW Date Time Local 12 41 GMT LAT 65 52.838 LONG 169 12.470  
 Bott: Date Time Local 45 GMT LAT 65 52.903 LONG 169 12.426  
 O W: Date Time Local 12 47 GMT LAT 65 52.937 LONG 169 12.349

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R 55	4	At surface	9	
Mid Bottle	R 56	5	For mid Bot	33	
Bottom Bottle	R 57	6	Bottom Stop	59	

below surface  
 = 1m below

HIT E. 54m

**Download SBE25:** ☒ start SBTerm, (set to SBE 25) ☒ Comms ☒  
 - DH ☐ Cast number (in CTD) 6 - vbattery 11.2 v lith 5.1 Memory free  
 - Upload ☐ File name (e.g. sbe25\_stNN.hex) sbe25-st19 Backup  
 RL ☒ OR TO ERASE MEMORY - BACKUP GL  
**Download SBE19plus:** ☒ start SBTerm, (set to SBE 19plus) ☒ Comms ☐  
 - DH ☒ Cast number (in CTD) 6 - vbattery 12.5 v lith 8.1 Memory free  
 Upload ☐ File name (e.g. sbe19\_stNN.hex) sbe19-st19 Backup  
 That's all OR TO ERASE MEMORY - BACKUP initlogging

25m  
 5. → 54  
 Urchins  
 55

Drift North

CONSECUTIVE STATION NUMBER 20 STATION NAME BS6 RUSSIAN? YES

\*\*Switches on ☒ Depth Est 49 Switches off ☐  
 InW Date 24 Sept 07 Time Local 1311 GMT LAT 65 53.526 LONG 169 16.211  
 Bott: Date Time Local 1315 GMT LAT 65 53.577 LONG 169 16.039  
 O W: Date Time Local 1317 GMT LAT 65 53.619 LONG 169 15.974

Chopping cold

Strumming  
 WAngle

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R 58	1	At surface	9m	
Mid Bottle	R 59	2	For mid Bot	33	
Bottom Bottle	R 60	3	Bottom Stop	54	

**Download SBE25:** start SBTerm, (set to SBE 25) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 7 - vbattery 11.1 v lith 5.1 Memory free  
 - Upload ☐ File name (e.g. sbe25\_stNN.hex) sbe25-st20 Backup  
 RL ☒ OR TO ERASE MEMORY - BACKUP GL  
**Download SBE19plus:** start SBTerm, (set to SBE 19plus) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 7 - vbattery 12.5 v lith 8.1 Memory free  
 Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st20 Backup  
 That's all OR TO ERASE MEMORY - BACKUP initlogging



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CONSECUTIVE STATION NUMBER 21 STATION NAME B55 RUSSIAN? YES

\*\*Switches on ☒ Depth Est 50 Switches off ☐  
 InW Date 24 Sept 07 Time Local 13:44 GMT        LAT 65 54.601 LONG 169 20 618  
 Bott: Date        Time Local 47 GMT        LAT 65 54.653 LONG 169 20.429  
 O W: Date        Time Local 49 GMT        LAT 65 54.694 LONG 169 20 324

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
✓ Surface Bucket	R61	4	At surface	9	
Mid Bottle	062	5	For mid Bot	33	
Bottom Bottle	R63	6	Bottom Stop	55 56	

recast  
 75m  
 Not third 1/5m  
 V green  
 brown water  
 Strum m  
 650 54.717  
 1690 20.252  
 65 54 752  
 169 20 178

Download SBE25: start SBterm, (set to SBE 25) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 8 - vbattery 11.1 v lith 5.1 Memory free 7.5  
 - Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st21 Backup         
 RL ☒ OR TO ERASE MEMORY - BACKUP        GL         
 Download SBE19plus: start SBterm, (set to SBE 19plus) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 8 - vbattery 12.4 v lith 8.1 Memory free         
 Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st21 Backup         
 That's all        OR TO ERASE MEMORY - BACKUP        initlogging       

CONSECUTIVE STATION NUMBER 22 STATION NAME B54 RUSSIAN? YES

\*\*Switches on ☒ Depth Est 53 Switches off ☐  
 InW Date 24 Sept 07 Time Local 14:20 GMT        LAT 65 55 703 LONG 169 25 059  
 Bott: Date        Time Local 14:24 GMT        LAT 65 55 770 LONG 169 24.860  
 O W: Date        Time Local 14:26 GMT        LAT 65 55 778 LONG 169 24 806

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
✓ Surface Bucket	R64	1	At surface	9m	
Mid Bottle	R65	2	For mid Bot	33	
✓ Bottom Bottle	R66	3	Bottom Stop	38 58	

Water very  
 very brown

Download SBE25: start SBterm, (set to SBE 25) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 9 - vbattery 11.0 v lith 5.1 Memory free 9,000  
 - Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe24-st22 Backup         
 RL ☒ OR TO ERASE MEMORY - BACKUP        GL         
 Download SBE19plus: start SBterm, (set to SBE 19plus) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 9 - vbattery 12.4 v lith 8.1 Memory free         
 Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st22 Backup         
 That's all        OR TO ERASE MEMORY - BACKUP        initlogging       

CONSECUTIVE STATION NUMBER 23 STATION NAME B53 RUSSIAN? YES

\*\*Switches on ☒ Depth Est 52.5 Switches off ☐  
 InW Date 24 Sept 07 Time Local 14:54 GMT        LAT 65 56.723 LONG 169 29.360  
 Bott: Date        Time Local 14:58 GMT        LAT 65 56.787 LONG 169 29.151  
 O W: Date        Time Local 15:00 GMT        LAT 65 56.8186 LONG 169 29.074

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
✓ Surface Bucket	R67	4	At surface	9m	
Mid Bottle	R68	5	For mid Bot	33m	
Bottom Bottle	R69	6	Bottom Stop	58m	

hot bottom

Download SBE25: start SBterm, (set to SBE 25) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 10 - vbattery 11.1 v lith 5.1 Memory free         
 - Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st23 Backup         
 RL ☒ OR TO ERASE MEMORY - BACKUP        GL         
 Download SBE19plus: start SBterm, (set to SBE 19plus) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 10 - vbattery 12.4 v lith 8.1 Memory free         
 Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st23 Backup         
 That's all        OR TO ERASE MEMORY - BACKUP        initlogging       

FOGGY  
 lots of  
 prop wash

Discharge all  
 deck  
 coolant

has been  
 all cash!!  
 water?  
 v brown  
 murky

Only N for all of them

## SEVER 2007 - RUSALCA - CTD LOG - (bridge positions SK42)

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CONSECUTIVE STATION NUMBER 24

STATION NAME BS2

RUSSIAN? YES

FOGGY

\*\*Switches on ☒ Depth Est 51 Switches off

InW Date Time Local 15:37 GMT LAT 65 57.662 LONG 169 33.989

Bott: Date Time Local 15:41 GMT LAT 65 57.721 LONG 169 33.983

O W: Date Time Local 15:42 GMT LAT 65 57.756 LONG 169 33.971

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
✓ Surface Bucket	R70	1	At surface	9m	
Mid Bottle	R71	2	For mid Bot	33m	
Bottom Bottle	R92	3	Bottom Stop	56m	

1m below surface

Download SBE25: start SBETerm, (set to SBE 25) ☒ Comms ☒- DH ☒ Cast number (in CTD) 11 - vbattery 11.1 v lith 5.1 Memory free- Upload ☒ - File name (e.g. sbe25\_stNN.hex) sbe25-st24 BackupRL ☒ OR TO ERASE MEMORY - BACKUP GLDownload SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒- DH ☒ Cast number (in CTD) 11 - vbattery 12.4 v lith 8.1 Memory freeUpload ☒ - File name (e.g. sbe19\_stNN.hex) sbe19-st24 Backup

That's all OR TO ERASE MEMORY - BACKUP initlogging

CONSECUTIVE STATION NUMBER 25

STATION NAME BS1

RUSSIAN? YES

\*\*Switches on ☒ Depth Est 50 Switches off

InW Date Time Local 16:06 GMT LAT 65 58.808 LONG 169 38.237

Bott: Date Time Local 16:10 GMT LAT 65 58.837 LONG 169 38.073

O W: Date Time Local 16:12 GMT LAT 65 58.850 LONG 169 38.042

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
✓ Surface Bucket	R73	4	At surface	9	
Mid Bottle	R74	5	For mid Bot	33m	
Bottom Bottle	R75	6	Bottom Stop	55m	

1m hole both.

Download SBE25: ☒ start SBETerm, (set to SBE 25) ☒ Comms ☒- DH ☒ Cast number (in CTD) 12 - vbattery 11.0 v lith 5.1 Memory free > 2- Upload ☒ - File name (e.g. sbe25\_stNN.hex) sbe25-st25 BackupRL ☒ OR TO ERASE MEMORY - BACKUP GLDownload SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒- DH ☒ Cast number (in CTD) 12 - vbattery 12.3 v lith 8.1 Memory freeUpload ☒ - File name (e.g. sbe19\_stNN.hex) sbe19-st25 Backup

That's all OR TO ERASE MEMORY - BACKUP initlogging

Foggy but warm  
Much calmer

CONSECUTIVE STATION NUMBER

STATION NAME

RUSSIAN?

\*\*Switches on ☒ Depth Est Switches off

InW Date Time Local GMT LAT LONG

Bott: Date Time Local GMT LAT LONG

O W: Date Time Local GMT LAT LONG

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket			At surface		
Mid Bottle			For mid Bot		
Bottom Bottle			Bottom Stop		

SBE25 - Cast. 0-12  
- test. QL  
- put a 1 full cast

Download SBE25: start SBETerm, (set to SBE 25) Comms

- DH Cast number (in CTD) - vbattery v lith Memory free

- Upload - File name (e.g. sbe25\_stNN.hex) Backup

RL OR TO ERASE MEMORY - BACKUP GL

Download SBE19plus: start SBETerm, (set to SBE 19plus) Comms

- DH Cast number (in CTD) - vbattery v lith Memory free

Upload - File name (e.g. sbe19\_stNN.hex) Backup

That's all OR TO ERASE MEMORY - BACKUP initlogging

SBE19 - 2 cast  
last logAll surface water  
a) Prop Wash  
b) Corrosion water

Mud Bottle at 7,40m

(11)

SEVER 2007 - RUSALCA - CTD LOG - (bridge positions SK42)

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CONSECUTIVE STATION NUMBER 26 STATION NAME CS19 RUSSIAN? NO

\*\*Switches on ☒ Depth Est 27.5 Switches off ☐  
InW Date 31 Sept 07 Time Local 10:59 GMT LAT 68 19.965 LONG 166 52.103  
Bott: Date Time Local 11:02 GMT LAT 19.975 LONG 52.112  
O W: Date Time Local GMT LAT LONG

JUST OFF  
HOPE  
Chippy

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R 76	1	At surface	9m	
Mid Bottle			For mid Bot		
Bottom Bottle	R 77	3	Bottom Stop	24.33m	

8+28 -> 36

Download SBE25: start SBETerm, (set to SBE 25) ☒ Comms ☒  
- DH ☒ Cast number (in CTD) 1 - vbattery 11.6 v lith 5.2 Memory free all.  
- Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st26 Backup  
RL ☒ and unplug OR TO ERASE MEMORY - BACKUP GL  
Download SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒  
- DH ☒ Cast number (in CTD) 1 - vbattery 12.6 v lith 8.2 Memory free  
Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st26 Backup  
Unplug ☒ OR TO ERASE MEMORY - BACKUP initlogging

MUD  
all Real  
no sand

CONSECUTIVE STATION NUMBER 27 STATION NAME CS18 RUSSIAN? NO

\*\*Switches on ☒ Depth Est 34.5 Switches off ☐  
InW Date 31 Sept 07 Time Local 11:29 GMT LAT 68 19.007 LONG 166 57.733  
Bott: Date Time Local 11:32 GMT LAT 68 19.047 LONG 166 57.801  
O W: Date Time Local 11:33 GMT LAT 68 19.043 LONG 166 57.782

In sytels  
Have  
Chippy  
Telly bit.

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R 78	4	At surface	9m	
Mid Bottle			For mid Bot		
Bottom Bottle	R 79	6	Bottom Stop	24.00m	

24.00m w. Wire Out.  
40.0m

Download SBE25: start SBETerm, (set to SBE 25) ☒ Comms ☒  
- DH ☒ Cast number (in CTD) 2 - vbattery 11.5 v lith 5.2 Memory free  
- Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st27 Backup  
RL ☒ and unplug OR TO ERASE MEMORY - BACKUP GL  
Download SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒  
- DH ☒ Cast number (in CTD) 2 - vbattery 12.5 v lith 8.2 Memory free  
Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st27 Backup  
Unplug ☒ OR TO ERASE MEMORY - BACKUP initlogging

CONSECUTIVE STATION NUMBER 28 STATION NAME CS17 RUSSIAN? NO

\*\*Switches on ☒ Depth Est 39 Switches off ☐  
InW Date Time Local 11:55 GMT LAT 68 18.018 LONG 167 02.776  
Bott: Date Time Local 11:59 GMT LAT 68 18.075 LONG 167 02.690  
O W: Date Time Local 12:00 GMT LAT 68 18.118 LONG 167 2.694

Colder!!

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R 80	1	At surface	9m	
Mid Bottle	R 81	2	For mid Bot	28m 29m	
Bottom Bottle	R 82	3	Bottom Stop	42m 45m	

28.8 - 28  
44

Download SBE25: start SBETerm, (set to SBE 25) ☒ Comms ☒  
- DH ☒ Cast number (in CTD) 3 - vbattery 11.4 v lith 5.2 Memory free  
- Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st28 Backup  
RL ☒ and unplug OR TO ERASE MEMORY - BACKUP GL  
Download SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒  
- DH ☒ Cast number (in CTD) 3 - vbattery 12.4 v lith 8.2 Memory free  
Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st28 Backup  
Unplug ☒ OR TO ERASE MEMORY - BACKUP initlogging

MUD

## SEVER 2007 - RUSALCA - CTD LOG - (bridge positions SK42)

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CONSECUTIVE STATION NUMBER 29 STATION NAME CS16 RUSSIAN? (NO)

\*\*Switches on ☒ Depth Est 445 Switches off ☐  
 InW Date 31 Oct 07 Time Local 12:51 GMT LAT 68 14.983 LONG 167 11.906  
 Bott: Date Time Local 55 GMT LAT 68 15.029 LONG 167 11.927  
 O W: Date Time Local 57 GMT LAT 68 15.046 LONG 167 11.956

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R83	4	At surface	9m	
Mid Bottle	R84	5	For mid Bot	33m	
Bottom Bottle	R85	6	Bottom Stop	50m	

Download SBE25: start SBETerm, (set to SBE 25) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 4 - vbattery 11.4 v lith 5.2 Memory free ☒  
 - Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st29 Backup ☐  
 RL ☒ and unplug OR TO ERASE MEMORY - BACKUP ☐ GL ☐

Download SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 4 - vbattery v lith Memory free ☐  
 Upload - File name (e.g. sbe19\_stNN.hex) sbe19-st29 Backup ☐  
 Unplug ☐ OR TO ERASE MEMORY - BACKUP ☐ initlogging ☐

Skip CS15

CONSECUTIVE STATION NUMBER 30 STATION NAME CS14 RUSSIAN? (NO)

\*\*Switches on ☒ Depth Est 53 Switches off ☐  
 InW Date 31 Oct 07 Time Local 14:24 GMT LAT 68 6.111 LONG 167 39.78  
 Bott: Date Time Local 14:25 GMT LAT 68 6.126 LONG 167 39.85  
 O W: Date Time Local 14:27 GMT LAT 68 6.146 LONG 167 39.88

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R86	1	At surface	9	
Mid Bottle	R87	2	For mid Bot	33	
Bottom Bottle	R88	3	Bottom Stop	58.57	

Download SBE25: start SBETerm, (set to SBE 25) ☒ Comms ☐  
 - DH ☒ Cast number (in CTD) 5 - vbattery 11.4 v lith 5.2 Memory free ☐  
 - Upload - File name (e.g. sbe25\_stNN.hex) sbe25-st30 Backup ☐  
 RL ☒ and unplug OR TO ERASE MEMORY - BACKUP ☐ GL ☐

Download SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 5 - vbattery 12.4 v lith 8.2 Memory free ☐  
 Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st30 Backup ☐  
 Unplug ☒ OR TO ERASE MEMORY - BACKUP ☐ initlogging ☐

MUD

Skip CS13

CONSECUTIVE STATION NUMBER 31 STATION NAME CS12 RUSSIAN?

\*\*Switches on ☒ Depth Est 57 Switches off ☐  
 InW Date 31 Oct 07 Time Local 16:34 GMT 00:34 LAT 67 52.477 LONG 168 18.726  
 Bott: Date Time Local 16:39 GMT LAT 67 52.501 LONG 168 18.779  
 O W: Date Time Local 16:41 GMT LAT 67 52.521 LONG 168 18.826

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R89	4	At surface	9	
Mid Bottle	R90	5	For mid Bot	33	
Bottom Bottle	R91	6	Bottom Stop	63	

Out 2 water bdr planicast.  
 ?) Pump off

Download SBE25: start SBETerm, (set to SBE 25) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 6 - vbattery 11.3 v lith 5.2 Memory free ☐  
 - Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st31 Backup ☐  
 RL ☒ and unplug OR TO ERASE MEMORY - BACKUP ☐ GL ☐

Download SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒  
 - DH ☒ Cast number (in CTD) 6 - vbattery 12.4 v lith 8.2 Memory free ☐  
 Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st31 Backup ☐  
 Unplug ☒ OR TO ERASE MEMORY - BACKUP ☒ initlogging ☐

MUD

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CONSECUTIVE STATION NUMBER 32 STATION NAME CS10 RUSSIAN? YES

\*\*Switches on ☒ Depth Est 51m Switches off ☐ SUNNY  
InW Date 3rd Oct 07 Time Local 0854 GMT LAT 67 38 033 LONG 169 00 829 Tells back  
Bott: Date Time Local 18:58 GMT LAT 67 38 088 LONG 169 00 782  
O W: Date Time Local 19:00 GMT LAT 67 38 096 LONG 169 00 768 Up to surface the down

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
✓ Surface Bucket	R 92	1	At surface	9m	
Mid Bottle	R 93	2	For mid Bot	33m	
Bottom Bottle	R 94	3	Bottom Stop	52m	

Download SBE25: ☒ start SBETerm, (set to SBE 25) ☒ Comms ☒  
- DH ☒ Cast number (in CTD) 7 - vbattery 11.3 v lith 5.2 Memory free  
- Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st32 Backup  
RL ☒ OR TO ERASE MEMORY - BACKUP ☒ GL ☒  
Download SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒  
- DH ☒ Cast number (in CTD) 7 - vbattery 12.4 v lith 8.2 Memory free  
Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st32 Backup  
That's all ☒ OR TO ERASE MEMORY - BACKUP ☒ initlogging

(MUD)

CONSECUTIVE STATION NUMBER 33 STATION NAME CS8 RUSSIAN? YES

\*\*Switches on ☒ Depth Est 50 Switches off ☐ W  
InW Date 3rd Oct 07 Time Local 2054 GMT LAT 67 25 978 LONG 169 35 863 Muddy  
Bott: Date Time Local 2058 GMT LAT 67 25 976 LONG 169 35 985  
O W: Date Time Local 2100 GMT LAT 67 26 006 LONG 169 36 051

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	R 95	4	At surface	9m	
Mid Bottle	R 96	5	For mid Bot	33	
Bottom Bottle	R 97	6	Bottom Stop	55m	

Download SBE25: start SBETerm, (set to SBE 25) ☒ Comms ☒  
- DH ☒ Cast number (in CTD) 8 - vbattery 11.3 v lith 5.2 Memory free  
- Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st33 Backup  
RL ☒ OR TO ERASE MEMORY - BACKUP ☒ GL ☒  
Download SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒  
- DH ☒ Cast number (in CTD) 8 - vbattery 12.4 v lith 8.1 Memory free  
Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st33 Backup  
That's all ☐ OR TO ERASE MEMORY - BACKUP ☒ initlogging

(MUD)

CONSECUTIVE STATION NUMBER 34 STATION NAME CS6 RUSSIAN? YES

\*\*Switches on ☒ Depth Est 47.5 Switches off ☐ Foggy  
InW Date Time Local 23:13 GMT LAT 67 11 420 LONG 170 17 033 Cold.  
Bott: Date Time Local 23:17 GMT LAT 67 11 448 LONG 170 17 163 - getting dark  
O W: Date Time Local 23:19 GMT LAT 67 11 438 LONG 170 17 176

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
✓ Surface Bucket	R 98	1	At surface	9	
Mid Bottle	R 99	2	For mid Bot	33	
Bottom Bottle	R 100	3	Bottom Stop	53	

Download SBE25: start SBETerm, (set to SBE 25) ☒ Comms ☒  
- DH ☒ Cast number (in CTD) 9 - vbattery 11.2 v lith 5.2 Memory free  
- Upload ☒ File name (e.g. sbe25\_stNN.hex) sbe25-st34 Backup  
RL ☒ OR TO ERASE MEMORY - BACKUP ☒ GL ☒  
Download SBE19plus: start SBETerm, (set to SBE 19plus) ☒ Comms ☒  
- DH ☒ Cast number (in CTD) 9 - vbattery 12.4 v lith 8.1 Memory free  
Upload ☒ File name (e.g. sbe19\_stNN.hex) sbe19-st34 Backup  
That's all ☐ OR TO ERASE MEMORY - BACKUP ☒ initlogging

(MUD)



CONSECUTIVE STATION NUMBER 35 STATION NAME RUSSIAN? YES

\*\*Switches on                      Depth Est                      Switches off                     

InW Date                      Time Local                      GMT                      LAT                      LONG                     

Bott: Date                      Time Local                      GMT                      LAT                      LONG                     

O W: Date                      Time Local                      GMT                      LAT                      LONG                     

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket			At surface		
Mid Bottle			For mid Bot		
Bottom Bottle			Bottom Stop		

Download SBE25: start SBTerm. (set to SBE 25)                      Comms                     

- DH                      Cast number (in CTD)                      - vbattery                      v lith                      Memory free                     

- Upload                      - File name (e.g. sbe25\_stNN.hex)                      Backup                     

RL                      and unplug OR TO ERASE MEMORY                      - BACKUP                      GL                     

Download SBE19plus: start SBTerm. (set to SBE 19plus)                      Comms                     

- DH                      Cast number (in CTD)                      - vbattery                      v lith                      Memory free                     

Upload                      - File name (e.g. sbe19\_stNN.hex)                      Backup                     

Unplug                      OR TO ERASE MEMORY - BACKUP                      initlogging                     

CONSECUTIVE STATION NUMBER 35 STATION NAME CSS-5 RUSSIAN? YES

\*\*Switches on                      Depth Est 46 Switches off                     

InW Date 4 Sept Time Local 00:01 GMT                      LAT 67 7.594 LONG 170 27.624

Bott: Date                      Time Local 05 GMT                      LAT 67 7.646 LONG 170 27.535

O W: Date                      Time Local 07 GMT                      LAT 67 7.685 LONG 170 27.592

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket	<u>R101</u>	<u>4</u>	At surface	<u>9m</u>	
Mid Bottle	<u>R102</u>	<u>5</u>	For mid Bot	<u>33.32</u>	
Bottom Bottle	<u>R103</u>	<u>6</u>	Bottom Stop	<u>57m</u>	

Download SBE25: start SBTerm. (set to SBE 25)                      Comms                     

- DH                      Cast number (in CTD) 10 - vbattery 11.1 v lith 5.1 Memory free                     

- Upload                      - File name (e.g. sbe25\_stNN.hex) sbe25-st35 Backup                     

RL                      and unplug OR TO ERASE MEMORY                      - BACKUP                      GL                     

Download SBE19plus: start SBTerm. (set to SBE 19plus)                      Comms                     

- DH                      Cast number (in CTD) 10 - vbattery 12.3 v lith 8.1 Memory free                     

Upload                      - File name (e.g. sbe19\_stNN.hex) sbe19-st35 Backup                     

Unplug                      OR TO ERASE MEMORY - BACKUP                      initlogging                     

CONSECUTIVE STATION NUMBER                      STATION NAME                      RUSSIAN?                     

\*\*Switches on                      Depth Est                      Switches off                     

InW Date                      Time Local                      GMT                      LAT                      LONG                     

Bott: Date                      Time Local                      GMT                      LAT                      LONG                     

O W: Date                      Time Local                      GMT                      LAT                      LONG                     

	Nuts Bot Num	Chlor	Wire out	Wire out	Depth
Surface Bucket			At surface		
Mid Bottle			For mid Bot		
Bottom Bottle			Bottom Stop		

Download SBE25: start SBTerm. (set to SBE 25)                      Comms                     

- DH                      Cast number (in CTD)                      - vbattery                      v lith                      Memory free                     

- Upload                      - File name (e.g. sbe25\_stNN.hex)                      Backup                     

RL                      and unplug OR TO ERASE MEMORY                      - BACKUP                      GL                     

Download SBE19plus: start SBTerm. (set to SBE 19plus)                      Comms                     

- DH                      Cast number (in CTD)                      - vbattery                      v lith                      Memory free                     

Upload                      - File name (e.g. sbe19\_stNN.hex)                      Backup                     

Unplug                      OR TO ERASE MEMORY - BACKUP                      initlogging                     

coll damp mch

MUD