

SWL TSG SBE21 SN 3274 LOG BOOK

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LOG BOOK

2013 SWL

ENGINE
ROOM
333



IOS ARCTIC

2019

2019-06-13

Wrote new con file

TSG 20190613_3274.XML CON
using calibration from 10 Jan 2019

Tested SBE21 3274 with i/f 3274
SCF 3652 (Vφ) and BU353 GPS
on MD Toughbook CF54. - Tok

packed up with new inventory sheet
* SCF 3652 removed for June Cal

2019-06-21 Setup SZ

TSG Box completely emptied.
Spares below TSG in cabinet

Box put back on shore.

SBE38 installed by Senior. Ship has plug. we have
(Ten) sensor cover

FLR SCF seapoint su 3652 + dummy plug.

Poisson plug ins tallied on TSG

TSG Fluorometer installed upside down i.e.
tubes + cap at top when attached to facet
stand. Using 10x cable

TSG inter face box going to USB-Serial 12
cable (com 3, com 4). RS232 cable plugged
into com 3 (Port 1).

Sensare v. 7.26.7.107

Using TSG setup v2019-06-21.psa in
Folder C:\2019-78\

Data going to C:\2019-78\TSG

Con File is old (2018 C30) and is

C:\2019-78\configuration Files\TSG_20180707-3274
-newpa.xml.con

Don't have GPS + network connected yet.

Testing OK so far (SBE38 coming in)

To do:
Output TCP/IP variables
Mark record variables
WPS
~~Can~~ Make sure network + SCS
see laptop.

4 July 2019 SE

Pump running at 18 Hz
Started TSG x Floor @ 1740 UTC
Floor flow started 1758 UTC

File TSG-2019-78-0001.hex
Log ~~TSG SWL~~
2019 SWL TSG Oudering Log
v. 2019-07-04. x15

set up Mark File:

Time J
Scan
Lat
Lon
TO
TI
Sal
C ms/cm
Flsp
VO

and set up TCP/IP out as
on page 51.

Can file → turned NMEA time on.
so this is now in hex data

5 July 1721 UTC
Stopped seasave
Reset computer clock time
~~to match to~~ Had to reduce
from ~1726 to ~1720 based on
NMEA.

New File TSG 2019-078-0002.hex

10 July 2139
Turned seawater loop off on approach
to Dutch Harbor

11 July ~~1056~~ pm 2256 UTC
Leaving Dutch Harbor, flow started
again. Pump set at 18 Hz.
Seawater Feeding TSG, Flr, PCO₂ systems.

12 July → Be

13 July @ 1711 UTC
seawater flow stopped
Pump found to have sheared /
worn pins. Spares were taped to
side of pump (great!) and swapped
in.

Pump restarted 14 July 00:55
and seawater restarted:

TSG-2019-78-0004. hex

Floormeter flow is ~ 12 per. 26 sec.

16 July 2019 ~~At the FLR jumper cable from 310x to 3x~~
And start new acq. file
GPS → 10,248,253,200:20175 2019-78-0005
→ 1,2,10, 11

20 July 2019
At DBD 4.6u stopped &
restarted seawater and computer
as computer was running Very
slowly. In fact, had to
power off using ^{physical} button as computer
was taking too long to shut down by
itself.

22 July 2019 20:03
Ship anchor off Barrow.
Turn ~~ag~~ acquisition off (file # 8)
~~Turn seaw~~
Stop seawater flow.
Rins Flush tank w/ FW + drain.

end of 2019-78

SWL
23 Oct 2019 @ IOS
Removed TSG
Floor # 3652 configured w/ 3x jumper
Floor endcap plenum (1 of the 2)
Snapped off.

Tubing from manifold to FLR shd
be replaced for 2020.

Removed SBE38 SN 271
Chirp replaced w/ blank