# **SBEDataProcessing Screen-Shots**

Follow this chain of actions for each step.

## Example: DATCNV:

- 1 C:\seasoft\datcnv.psa
- 2 Select \*.con bzw. \*.xmlcon
- 3 Select \*.hex
- 4 Data Setup: check or edit if necessary
- 5 Start Process
- 6 Afterwards Clear the field "Output file"
- 7 Save
- 8 Exit

# The "SSScc.con" stands for Station and cast name

🎟 Data Conversion 📃 🗖 🔀
File Setup   Data Setup   Miscellaneous   Header View
Program setup file
C:\seasoft\DatCnv.psa
OpenSave AsRestore
2 Instrument configuration file
C:\seasoft\SSScc.CON
Select Modify Match instrument configuration to input file
Input directory
C:\seasoft
Input files, 1 selected 5
SSScc.hex Select
Output directory
C:\seasoft Select
Name append
Output file SSScc.cnv 6
Not processing
<b>C</b>
Start Process Z Abbrechen

### 1. DATCNV

🎟 Data Conversion 📃 🗖	
<u>File Options H</u> elp	
File Setup Data Setup Miscellaneous Header View	
	Select the right paths to your files
Upen Save Save As Hestore	
Instrument configuration file	Go to "Data Setup" and check
C:\seasoft\SSScc.CDN	"Select Output Variables" to be
Select Modify Match instrument configuration to input file	consistent with the CTD
Input directory	configuration
C:\seasoft	
Input files, 1 selected	Now click "Start process"
SSScc.hex Select	1
Output display	
Chreatoft Select	Clear the field "Output file"
Name append	
Output file SSScc.cnv	And Save
	And Save
Not processing	
Start Process Exit Abbrech	en
Pata Conversion	
File Options Help	Data Conversion     Internation
File Setup Data Setup Miscellaneous Header View	File Setun   Data Setun   Miscellaneous   Header View
✓ Process scans to end of file	This tab configures miscellaneous data for calculations.
Scans to skip over	Note: Values entered only affect indicated calculations.
Scans to process	Depth and Average Sound Velocity
Output format	Latitude when NMEA is not available 0
	Average Sound Velocity Plume Anomaly
Create file types	Minimum pressure [db] 20 Theta-B 0
Create life types Create both data and bottle file	Minimum salinity [psu] 20 Salinity-B 0
Source of scan range data Scans marked with bottle confirm bit	Pressure window size [db] 20 Theta-Z / Salinity-Z 0
Scan range offset [s]	
Scan range duration [s] 2	Descent and Acceleration
Merre separate beader file	vvindow size (sj )2
, more opulate house no	Oxygen
	Window size is in a
Select Output Variables	Apply Tau comection
Select Output Variables	Apply Tau correction     Apply hysteresis correction to SBE 43 when Sea-Bird equation selected in .con file
Select Output Variables	Apply Tau correction     Apply hysteresis correction to SBE 43 when Sea-Bird equation selected in .con file
Select Output Variables	Image: Point State     Image: Point State       Image: Point State     Image: Point State       Image: Point State     Point State
Select Output Variables	Image: Apply Tau correction         Image: Apply Tau correction         Image: Apply hysteresis correction to SBE 43 when Sea-Bird equation selected in .con file         Potential Temperature Anomaly         A0       0       A1         Image: Apply Tau correction       A1         Image: Apply hysteresis correction to SBE 43 when Sea-Bird equation selected in .con file         Potential Temperature Anomaly         A0       0         A1       0         A1       0         Set to Defaults
Select Output Variables	Image: Apply Tau correction         Image: Apply Tau correction

#### 2. WILDEDIT

🚟 Wild Edit			
<u>File O</u> ptions <u>I</u>	<u>H</u> elp		
File Setup Da	ata Setup Header View		
Program setu	p file		
C:\seasoft\V	/idEdit.psa		
Open			
Open			
Input director	y		
C:\seasoft			
Input files, 1 :	elected		
SSScc.cnv		•	Select
Outrust disease			
	ory		
L:\seasort			belect
Name appen	1		
Output file	SSScc.cov	_	
	100000.000		
Not processir	ng		
Start Proc	ess Exi	t 📕 ,	Abbrechen
State Wild Edit			
<b>Wild Edit</b> File Options	Help		
File Setup	Help Nata Setup   Header View		
File Options File Setup [ Standard de	Help Data Setup   Header View   eviations for pass one 2		
File Options File Setup [ Standard de Standard de	Help Data Setup   Header View   eviations for pass one 2 eviations for pass two 20		
File Options File Setup I Standard de Standard de Scans per b	Help Data Setup   Header View   eviations for pass one 2 eviations for pass two 20 lock 100		
File Options File Setup [ Standard de Scans per b Keep data w	Help Data Setup Header View eviations for pass one 2 eviations for pass two 20 lock 100 within this distance of the mean 0		
File Options File Setup I Standard de Scans per b Keep data w	Help Data Setup   Header View   eviations for pass one   eviations for pass two   eviations for		
Pile       Options         File       Options         File       Standard de         Standard de       Scans per b         Keep data w       ✓         Exclude       Scans Mark	Help Data Setup Header View eviations for pass one  2 eviations for pass two 20 eviations for pass two 100 evithin this distance of the mean 0 scans marked bad		
Wild Edit         File Options         File Setup         Standard de         Standard de         Scans per b         Keep data v         Image: Exclude         Select W	Help Data Setup Header View  eviations for pass one  poviations for pass two  poviations for pas		
Pile       Options         File       Options         File       Standard de         Standard de       Scans per b         Keep data w       ✓         Exclude       Select W	Help Data Setup Header View eviations for pass one 2 eviations for pass two 20 lock 100 within this distance of the mean 0 scans marked bad ld Edit Variables Select Wild Edit Variables		
File       Options         File       Setup         Standard de         Scans per b         Keep data v         Image: Exclude         Select W	Help Data Setup Header View   eviations for pass one 2 eviations for pass two 20 lock 100 within this distance of the mean 0 scans marked bad ld Edit Variables Select Wild Edit Variables Variable Name [unit]	Wild Edit	Select Al
Pile       Options         File       Options         File       Standard de         Standard de       Scans per b         Keep data w       ✓         Exclude       Select W	Help Data Setup Header View eviations for pass one 2 eviations for pass two 20 Nock 100 Nock 100 Nock 100 Scans marked bad Id Edit Variables Select Wild Edit Variables Variable Name [unit] Pressure, Digiquantz [db] Tereseviewer IIIS @ deg Cil	Wild Edit	Select All
File       Options         File       Setup         Standard de         Scans per b         Keep data w         Image: Exclude         Select W	Help Data Setup Header View  eviations for pass one  2 eviations for pass two  20 lock  100 vithin this distance of the mean  0 scans marked bad ld Edit Variables  Select Wild Edit Variables Variable Name [unit] Pressure, Digiquartz [db] Temperature [ITS-90, deg C] Temperature, 2 [ITS-90, deg C]	Wild Edit	Select All
Pile       Options         File       Setup         Standard de         Scans per b         Keep data w         ✓       Exclude         Select W	Help         Data Setup       Header View         eviations for pass one       2         eviations for pass two       20         lock       100         vithin this distance of the mean       0         scans marked bad       0         Id Edit Variables       Select Wild Edit Variables         Variable Name [unit]       Pressure, Digiquartz [db]         Temperature [ITS-90, deg C]       Conductivity [MS/cm]         Conductivity [MS/cm]       Conductivity [MS/cm]		Select All
Example 1          File       Options         File       Setup         Standard de         Scans per b         Keep data v         ✓       Exclude         Select With	Help         Data Setup       Header View         eviations for pass one       2         eviations for pass two       20         lock       100         vithin this distance of the mean       0         scans marked bad       0         Id Edit Variables       Select Wild Edit Variables         Variable Name [unit]       Pressure, Digiquartz [db]         Temperature, 2 [ITS-90, deg C]       Conductivity [mS/cm]         Conductivity, 2 [mS/cm]       Salinity [PSU]	Wild Edit	Select All     Clear All
Image: Second secon	Help         Data Setup       Header View         eviations for pass one       2         eviations for pass two       20         lock       100         vithin this distance of the mean       0         scans marked bad       0         Id Edit Variables       0         Select Wild Edit Variables       Variable Name [unit]         Pressure, Digiquartz [db]       1         Temperature [ITS-90, deg C]       0         Conductivity [mS/cm]       0         Salinity [PSU]       Salinity, 2 [PSU]	Wild Edit	Select All     Clear All
Else Wild Edit         File Options         File Setup         Standard de         Scans per b         Keep data v         I         Exclude         Select W	Help         Data Setup       Header View         eviations for pass one       2         eviations for pass two       20         elock       100         vithin this distance of the mean       0         scans marked bad       0         Id Edit Variables       0         Select Wild Edit Variables       0         Variable Name [unit]       Pressure, Digiquartz [db]         Temperature [ITS-90, deg C]       0         Conductivity [mS/cm]       0         Salinity [PSU]       0         Salinity [PSU]       0         Altimeter [m]       0	Wild Edit	Select All
Wild Edit         File Options         File Setup         Standard de         Scans per b         Keep data v         ✓ Exclude         Select W	Help         Data Setup       Header View         eviations for pass one       2         eviations for pass two       20         lock       100         within this distance of the mean       0         scans marked bad       0         Id Edit Variables       0         Select Wild Edit Variables       Variable Name [unit]         Pressure, Digiquartz [db]       Temperature [ITS-90, deg C]         Conductivity [mS/cm]       Conductivity, 2 [mS/cm]         Salinity [PSU]       Salinity, 2 [PSU]         Altimeter [m]       Oxygen, SBE 43 [ml/1]         Beam Transmission, Chelsea/Seatech/Wetlab CS       Constructive [unit]	Wild Edit	Select All
Wild Edit         File Options         File Setup         Standard de         Scans per b         Keep data w         ✓ Exclude         Select Wi	Help         Data Setup       Header View         eviations for pass one       2         eviations for pass two       20         lock       100         vithin this distance of the mean       0         scans marked bad       0         Id Edit Variables       Select Wild Edit Variables         Variable Name [unit]       Pressure, Digiquartz [db]         Temperature [ITS-90, deg C]       Conductivity [ms/cm]         Conductivity, 2 [ms/cm]       Salinity [PSU]         Salinity, 2 [PSU]       Altimeter [m]         Oxygen, SBE 43 [ml/1]       Beam Transmission, Chelsea/Seatech/Wetlab CS	Wild Edit	Select All Clear All
Wild Edit         File Options         File Setup         Standard de         Scans per b         Keep data w         Image: Exclude         Select With	Help         Data Setup       Header View         eviations for pass one       2         eviations for pass two       20         lock       100         vithin this distance of the mean       0         scans marked bad       0         Id Edit Variables       Select Wild Edit Variables         Variable Name [unit]       Pressure, Digiquartz [db]         Temperature [ITS-90, deg C]       Conductivity [mS/cm]         Conductivity [mS/cm]       Conductivity, 2 [mS/cm]         Salinity [PSU]       Salinity. 2 [PSU]         Altimeter [m]       Dxygen, SBE 43 [ml/1]         Beam Transmission, Chelsea/Seatech/Wetlab CS       Fluorescence, Dr. Haardt Chlorophyll a         Voltage 0       Voltage 1	Wild Edit	Select All Clear All
End       Options         File       Options         File       Setup         Standard de       Scans per b         Keep data w       Image: Exclude         Select W       Select W         Start Pro       Start Pro	Help         Data Setup       Header View         eviations for pass one       2         eviations for pass two       20         lock       100         vithin this distance of the mean       0         scans marked bad       0         Id Edit Variables       0         Select Wild Edit Variables       0         Variable Name [unit]       Pressure, Digiquartz [db]         Temperature [ITS-90, deg C]       0         Conductivity [mS/cm]       0         Conductivity, 2 [mS/cm]       0         Salinity (PSU]       Salinity, 2 [PSU]         Altimeter [m]       0         Oxygen, SBE 43 [ml/1]       Beam Transmission, Chelsea/Seatech/Wetlab CS         Fluorescence, Dr. Haardt Chlorophyll a       Voltage 0         Voltage 4       Voltage 4	Wild Edit	Select All Clear All
Example       Wild Edit         File       Options         File       Setup         Standard de       Scans per b         Keep data v       I         Exclude       Select W         Select W       Stant Pro	Help         Data Setup       Header View         eviations for pass one       2         eviations for pass two       20         lock       100         within this distance of the mean       0         scans marked bad       0         Id Edit Vanables       0         Select Wild Edit Variables       0         Variable Name [unit]       Pressure, Digiquartz [db]         Temperature [ITS-90, deg C]       0         Conductivity [mS/cm]       0         Conductivity, 2 [mS/cm]       0         Salinity, 2 [PSU]       Altimeter [m]         Oxygen, SBE 43 [ml/1]       Beam Transmission, Chelsea/Seatech/Wetlab CS         Fluorescence, Dr. Haardt Chlorophyll a       Voltage 0         Voltage 4       Voltage 5	Wild E dit         I      I	Select All Clear All

#### 3. BottleSummary

🛎 Bottle Summary		
ile Options <u>H</u> elp		
File Setup Data Setup Header View		
Program setup file		
C:\seasoft\BottleSum.psa		
Open Save Save As	Restore	
Instrument configuration file		
C:\seasoft\SSScc.CON		
Select Modify Match instrum	nent configuration to	input file
Input directory		
C:\seasoft		
Input files, 1 selected		
SSScc.ros	•	Select
Output directory		Salaat
Name append		1
Output file SSScc.btl		
Not processing		
		1
Start Process	E XIL	ADDIECHEN
<b>15 Bottle Summary</b> File Options Help		
Ele Options Help File Setup Data Setup Header View Output min/max values for averaged variables		
Bottle Summary         File Options Help         File Setup Data Setup Header View         Image: Output min/max values for averaged variables         Select Averaged Variables		
Bottle Summary     ile Options Help     File Setup Data Setup Header View     Output min/max values for averaged variables     Select Averaged Variables		
Bottle Summary  File Options Help  File Setup Data Setup Header View  Output min/max values for averaged variables  Select Averaged Variables  Select Derived Variables  Soluct Averaged Variables		
Bottle Summary  File Options Help  File Setup Data Setup Header View  Output min/max values for averaged variables  Select Averaged Variables  Select Derived Variables  Select Averaged Variables		
Bottle Summary  File Options Help  File Setup Data Setup Header View  Output min/max values for averaged variables  Select Averaged Variables  Select Derived Variables  Select Averaged Variables  Variable Name [unit]  Pressure Diniguant2 [db]	Average	Select All
Bottle Summary   Bottle Summary  Bottle Options Help  File Setup Data Setup Header View  Coutput min/max values for averaged variables  Select Averaged Variables  Select Derived Variables  Select Averaged Variables  Variable Name [unit]  Pressure, Digiquartz [db]  Temperature [ITS-90, deg C]	Average	Select All Clear All
Bottle Summary File Options Help File Setup Data Setup Header View I Output min/max values for averaged variables Select Averaged Variables Select Derived Variables Select Averaged Variables<	Average A	Select All
Bottle Summary File Options Help File Setup Data Setup Header View  Output min/max values for averaged variables Select Averaged Variables Select Derived Variables Select Averaged Variables Temperature [ITS-90, deg C] Conductivity [mS/cm]	Average A	Select All
Bottle Summary File Options Help File Setup Data Setup Header View  Output min/max values for averaged variables Select Averaged Variables Select Derived Variables Select Averaged Variables </td <td>Average A</td> <td>Select All</td>	Average A	Select All
Bottle Summary File Options Help File Setup Data Setup Header View I Output min/max values for averaged variables Select Averaged Variables Select Derived Variables Select Averaged Variables Conductivity [ITS-90, deg C] Conductivity [mS/cm] Conductivity, 2 [mS/cm] Salinity [PSU] Conductivity	Average A X X X X X X X X X X X X X X X X X X X	Select All
Bottle Summary     ile Options Help     File Setup Data Setup Header View     ✓     Output min/max values for averaged variables     Select Averaged Variables     Select Derived Variables     Select Averaged Variables     Variable Name [unit]     Pressure, Digiquartz [db]     Temperature [ITS-90, deg C]     Temperature, 2 [ITS-90, deg C]     Conductivity [mS/cm]     Conductivity, 2 [mS/cm]     Salinity [PSU]     Salinity, 2 [PSU]     Sean Count	Average A X X X X X X X X X X X X X	Select All Clear All
Bottle Summary     ile Options Help     File Setup Data Setup Header View     ✓     Output min/max values for averaged variables     Select Averaged Variables     Select Derived Variables     Select Averaged Variables     Variable Name [unit]     Pressure, Digiquartz [db]     Temperature [ITS-90, deg C]     Temperature, 2 [ITS-90, deg C]     Conductivity [mS/cm]     Conductivity, 2 [mS/cm]     Salinity [PSU]     Salinity, 2 [PSU]     Scan Count     Alimates [n]	Average A X X X X X X X X X X X X X X X X	Select All Clear All
Bottle Summary     ile Options Help     File Setup Data Setup Header View     ✓ Output min/max values for averaged variables     Select Averaged Variables     Select Derived Variables     Select Averaged Variables     Variable Name [unit]     Pressure, Digiquatz [db]     Temperature [ITS-90, deg C]     Temperature, 2 [ITS-90, deg C]     Temperature, 2 [ITS-90, deg C]     Conductivity, 2 [mS/cm]     Salinity [PSU]     Salinity, 2 [PSU]     Scan Count     Altimeter [m]     Dwuen, SBE 43 [n]//l	Average A X X X X X X X X X X X X X X X X	Select All Clear All
Bottle Summary     ile Options Help     File Setup Data Setup Header View     ✓ Output min/max values for averaged variables     Select Averaged Variables     Select Derived Variables     Select Averaged Variables     Variable Name [unit]     Pressure, Digiquatz [db]     Temperature [ITS-90, deg C]     Temperature, 2 [ITS-90, deg C]     Conductivity [mS/cm]     Conductivity, 2 [mS/cm]     Salinity [PSU]     Salinity, 2 [PSU]     Scan Count     Altimeter [m]     Dxygen, SBE 43 [ml/l]     Beam Lanspirsion Chelses/Seatech Au/with C	Average	Select All Clear All
Bottle Summary     ile Options Help     File Setup Data Setup Header View     ✓ Output min/max values for averaged variables     Select Averaged Variables     Select Derived Variables     Select Averaged Variables     Variable Name [unit]     Pressure, Digiquatz [db]     Temperature [ITS-90, deg C]     Temperature, 2 [ITS-90, deg C]     Temperature, 2 [ITS-90, deg C]     Conductivity [mS/cm]     Conductivity, 2 [mS/cm]     Salinity [PSU]     Salinity, 2 [PSU]     Salinity, 2 [PSU]     Sean Count     Altimeter [m]     Oxygen, SBE 43 [ml/l]     Beam Transmission, Chelsea/Seatech/Wetlab C     Eluorescence, Dr. Haardt Chlorophull a	Average	Select All Clear All
ES       Bottle Summary         File Options Help         File Setup Data Setup Header View         ✓ Output min/max values for averaged variables         Select Averaged Variables         Select Derived Variables         Select Averaged Variables         Variable Name [unit]         Pressure, Digiquartz [db]         Temperature [ITS-90, deg C]         Conductivity [mS/cm]         Conductivity [mS/cm]         Salinity (PSU]         Salinity, 2 [PSU]         Scan Count         Altimeter [m]         Dxygen, SBE 43 [ml/l]         Beam Transmission, Chelsea/Seatech/Wetlab C         Fluorescence, Dr. Haardt Chlorophyll a	Average X X X X X X X X X X X X X X X X X X X	Select All Clear All
ES       Bottle Summary         File Options Help         File Setup Data Setup Header View         ✓ Output min/max values for averaged variables         Select Averaged Variables         Select Derived Variables         Select Averaged Variables         Select Averaged Variables         Select Averaged Variables         Select Averaged Variables         Variable Name [unit]         Pressure, Digiquartz [db]         Temperature [ITS-90, deg C]         Conductivity [mS/cm]         Conductivity [mS/cm]         Salinity [PSU]         Salinity (PSU]         Salinity, 2 [PSU]         Scan Count         Altimeter [m]         Daygen, SBE 43 [ml/l]         Beam Transmission, Chelsea/Seatech/Wetlab C         Fluorescence, Dr. Haardt Chlorophyll a         Voltage 0         Voltage 2	Average X X X X X X X X X X X X X X X X X X X	Select All Clear All
ES       Bottle Summary         File Options Help         File Setup Data Setup Header View         ✓ Output min/max values for averaged variables         Select Averaged Variables         Select Derived Variables         Select Averaged Variables         Variable Name [unit]         Pressure, Digiquartz [db]         Temperature [ITS-90, deg C]         Conductivity, 2 [mS/cm]         Conductivity, 2 [mS/cm]         Salinity [PSU]         Salinity, 2 [PSU]         Scan Count         Altimeter [m]         Dxygen, SBE 43 [ml/1]         Beam Transmission, Chelsea/Seatech/Wetlab C         Fluorescence, Dr. Haardt Chlorophyll a         Voltage 0         Voltage 4	Average X X X X X X X X X X X X X X X X X X X	Select All Clear All
E Bottle Summary         ile       Options         File Setup       Data Setup         Header View         Image: Computer min/max values for averaged variables         Select Averaged Variables         Select Derived Variables         Select Averaged Variables         Select Averaged Variables         Select Averaged Variables         Select Averaged Variables         Variable Name [unit]         Pressure, Digiquartz [db]         Temperature [ITS-90, deg C]         Conductivity [mS/cm]         Conductivity [mS/cm]         Salinity [PSU]         Salinity 2 [PSU]         Scan Count         Altimeter [m]         Oxygen, SBE 43 [ml/l]         Beam Transmission, Chelsea/Seatech/Wetlab C         Fluorescence, Dr. Haardt Chlorophyll a         Voltage 2         Voltage 4	Average	Select All Clear All
E Bottle Summary         ile Options Help         File Setup Data Setup Header View         ✓ Output min/max values for averaged variables         Select Averaged Variables         Select Derived Variables         Select Averaged Variables         Variable Name [unit]         Pressure, Digiquartz [db]         Temperature [ITS-90, deg C]         Conductivity, 2 [mS/cm]         Conductivity, 2 [mS/cm]         Salinity [PSU]         Salinity [PSU]         Salinity, 2 [PSU]         Scan Count         Altimeter [m]         Dxygen, SBE 43 [ml/1]         Beam Transmission, Chelsea/Seatech/Wetlab C         Fluorescence, Dr. Haardt Chlorophyll a         Voltage 0         Voltage 4	Average	Select All Clear All

Bottle Summary creates a file containing the bottle data

The "Selected Averaged Variables" must be consistent with the CTD configuration

#### 4. SPLIT

🎬 Split			
<u>File Options H</u> elp			
File Setup Data Setup Header View			
Program setup file			
C:\seasoft\Split.psa			
Open Save Save As F	lestore		
Input directory			
Losseason			
		Select	
133366.619			
Output directory			
C:\seasoft		Select	
Name append			
Output file			
SSScc.cnv			
Not processing			SPLIT divides the cast data in two
			files, the
			upcast - uSSScc.cnv
	<b>.</b>		and the
Start Process	Exit	Abbrechen	downcast - dssscc.cnv
🛤 Split			
File Options Help			
File Setup Data Setup Header View			
Upcast and downcast			
Exclude scans marked bad			
Start Process	Exit	Abbrechen	

#### 5. + 6. TRANS

🎟 Translate		
<u>File Options H</u> elp		
File Setup Data Setup Header View		1
Program setup file		
C:\seasoft\Trans.psa		
OpenSaveSave As	Restore	
Input directory		
C:\seasoft		
Input files, 1 selected		
dSSScc.cnv		Select
Output directory		
C:\seasoft		Select
Name append		-
Output file dSSScc.cnv		-
, 		
		_
Start Process	Exit	Abbrechen
Start Process	Exit	Abbrechen
Start Process Translate File Options Help	Exit	Abbrechen
Start Process Translate File Options Help File Setup Data Setup Header View	Exit	Abbrechen
Start Process Translate File Options Help File Setup Data Setup Header View Translation Translate to opposite	Exit	Abbrechen
Start Process Translate File Options Help File Setup Data Setup Header View Translation Translate to opposite	Exit	Abbrechen
Start Process  Translate  File Options Help  File Setup Data Setup Header View  Translation Translate to opposite	Exit	Abbrechen
Start Process Translate File Options Help File Setup Data Setup Header View Translation Translate to opposite	Exit	Abbrechen
Start Process Translate File Options Help File Setup Data Setup Header View Translation Translate to opposite	Exit	Abbrechen
Start Process Translate File Options Help File Setup Data Setup Header View Translation Translate to opposite	Exit	Abbrechen
Start Process Translate File Options Help File Setup Data Setup Header View Translation Translate to opposite	Exit	Abbrechen
Start Process Translate File Options Help File Setup Data Setup Header View Translation Translate to opposite	Exit	Abbrechen
Start Process Translate File Options Help File Setup Data Setup Header View Translation Translate to opposite	Exit	Abbrechen
Start Process Translate File Options Help File Setup Data Setup Header View Translation Translate to opposite	Exit	Abbrechen
Start Process Translate File Options Help File Setup Data Setup Header View Translation Translate to opposite	Exit	Abbrechen
Start Process File Options Help File Setup Data Setup Header View Translation Translate to opposite	Exit	Abbrechen
Start Process	Exit	Abbrechen
Start Process	Exit	Abbrechen

Just the downcast is important for the post-processing

TRANS converts data from BIN to ASCII TRANS needs to be **run twice** (as described in the check list) du to some formatting issues.

#### 7. CELLTM

🕮 Cell Thermal Mass		
<u>File O</u> ptions <u>H</u> elp		
File Setup Data Setup Header View		
Program setup file		
C:\seasoft\CellTM.psa		
OpenSaveSave As	Restore	
Input directory		
C:\seasoft		
Input files, 1 selected		
JdSSScc.env	<b>_</b>	Select
Output directory		
C:\seasoft		Select
Name append		
Output file dSSScc.cnv		
, , ,	'	
Not processing		
Charles Descent	<b>F</b> 3	ALL 1
Start Process	Exit	Abbrechen
Cell Thermal Mass	Exit	
Cell Thermal Mass	Exit	
Start Process       Start Process       Start Process       File Cell Thermal Mass       File Options Help       File Setup Data Setup Header View	Exit	Abbrechen
Start Process         Bass         Cell Thermal Mass         File       Options         Help         File       Setup         Data       Setup         Header View         Image: Correct primary conductivity values		
Start Process         Start Process         Start Process         Start Process         File Options Help         File Setup Data Setup Header View         Image: Correct primary conductivity values         Temperature sensor to use	imary	
Start Process         Start Process         Start Process         Start Process         File Cell Thermal Mass         File Options Help         File Setup Data Setup Header View         If Correct primary conductivity values         Temperature sensor to use         Thermal anomaly amplitude [alpha]         0.	imary	
Start Process         Start Process         Start Process         File Cell Thermal Mass         File Options Help         File Setup Data Setup Header View         Image: Correct primary conductivity values         Temperature sensor to use         Thermal anomaly amplitude [alpha]         O         Thermal anomaly time constant [1/beta]         7	imary	- C X
Start Process         Start Process         Start Process         File Options Help         File Setup Data Setup Header View         Image: Correct primary conductivity values         Temperature sensor to use         Thermal anomaly amplitude [alpha]         D.         Thermal anomaly time constant [1/beta]	rimary	
Start Process         Start Process         Start Process         Start Process         File Options Help         File Setup Data Setup Header View         Image: Correct primary conductivity values         Temperature sensor to use         Thermal anomaly amplitude [alpha]         O         Thermal anomaly time constant [1/beta]         Image: Correct secondary conductivity values	timary	
Start Process         Start Process         Start Process         Start Process         File Options Help         File Setup Data Setup Header View         Image: Correct primary conductivity values         Temperature sensor to use         Thermal anomaly amplitude [alpha]         Thermal anomaly time constant [1/beta]         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Correct secondary conductivity values         Temperature sensor to use	imary 💌 03	
Start Process         Start Process         Start Process         File Cell Thermal Mass         File Options Help         File Setup Data Setup Header View         If Correct primary conductivity values         Temperature sensor to use         Themal anomaly amplitude [alpha]         If Correct secondary conductivity values         Temperature sensor to use         If Correct secondary conductivity values         Temperature sensor to use         Temperature sensor to use         If Correct secondary conductivity values         Temperature sensor to use         If Demonstrative sensor to use	rimary 03 econdary 03	Abbrechen
Start Process         Start Process         Start Process         Start Process         File Options Help         File Setup Data Setup Header View         Image: Correct primary conductivity values         Temperature sensor to use         Thermal anomaly amplitude [alpha]         Thermal anomaly time constant [1/beta]         Thermal anomaly amplitude [alpha]         Thermal anomaly time constant [1/beta]         Thermal anomaly time constant [1/beta]	imary 03 econdary 03	
Start Process         Start Process         Start Process         File Options Help         File Setup Data Setup Header View         Image: Correct primary conductivity values         Temperature sensor to use         Thermal anomaly amplitude [alpha]         Thermal anomaly time constant [1/beta]         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Correct secondary conductivity values         Image: Correct secondary conductivity values         Image: Correct secondary conductivity	rimary   Containing  Containin	
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Start Process         Start Process         Start Process         File Options Help         File Setup Data Setup Header View         I Correct primary conductivity values         Temperature sensor to use         P         Thermal anomaly amplitude [alpha]         O         Thermal anomaly time constant [1/beta]         Temperature sensor to use         Start Process         Thermal anomaly amplitude [alpha]         O         Thermal anomaly time constant [1/beta]         Thermal anomaly time constant [1/beta]	imary 03 econdary 03	Abbrechen
Start Process         Start Process         File Options Help         File Setup Data Setup Header View         Image: Correct primary conductivity values         Temperature sensor to use         Thermal anomaly amplitude [alpha]         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Temperature sensor to use	rimary	
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Start Process         Start Process         Start Process         File Options Help         File Setup Data Setup Header View         Image: Correct primary conductivity values         Temperature sensor to use         Thermal anomaly amplitude [alpha]         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Correct secondary conductivity values         Temperature sensor to use         Image: Temperature sensor to use	imary 03 econdary 03 03 03 03 03 03 03 0	

### 8. LOOPEDIT

≖ Loop Edit				
ile <u>O</u> ptions <u>H</u> elp				
File Setup Data Setup Head	der View			
Program setup file				
C:\seasoft\LoopEdit.psa				
Open Save	Save As	Restore		
Input directory				
C:\seasoft				
Input files, 1 selected				
dSSScc.cnv			-	Select
Output directory				
C:\seasoft				Select
Name append			_	
Output file			_	
assscc.cnv	/			
Not processing				
Charle Designed		<b>F</b>	_	ALL
Start Process		EXI		Abbreche
Edit				
ile Options Help				
File Setup Data Setup Header	View			1
Minimum velocity type	Fixed minimum velocity	•		
Minimum CTD velocity [m/s]	0			
Window size [s]	300			
Percent of mean speed	20			
Remove surface soak				
Surface soak depth [m]	10			
Minimum soak depth [m] (default = soak depth / 2)	5			
Maximum soak depth [m]	20			
(default = soak depth <sup>-</sup> 2)	20			
(default = soak depth = 2)	sure offset			
(default = soak depth <sup>-</sup> 2) ☐ Use deck pressure as pres ✓ Exclude scans marked bad	sure offset			
(default = soak depth " 2)	sure offset			
(default = soak depth <sup>-</sup> 2) ☐ Use deck pressure as pres ☑ Exclude scans marked bad	sure offset			
(default = soak depth <sup>-</sup> 2) ☐ Use deck pressure as pres ☑ Exclude scans marked bad	sure offset			

#### 9. BINAVG

🎬 Bin Average		
Eile Options Help		
File Setup Data Setup		
Program setup file		
C:\seasoft\BinAvg.psa		
Open Save Save As	Restore	
Input directory		
C:\seasoft		
Input files, 0 selected		
dSSScc.cnv	•	Select
Output directory		
C:\seasoft		Select
Name append		
Name append		
Not processing		
Start Process	Exit	Abbrechen
Start Process	Exit	Abbrechen
Start Process	Exit	Abbrechen
Start Process Bin Average File Options Help The Options Help	Exit	Abbrechen
Start Process Bin Average File Options Help File Setup Data Setup Header View	Exit	Abbrechen
Start Process Sin Average File Options Help File Setup Data Setup Header View Bin type Pressure	Exit	Abbrechen
Start Process         Bin Average         File Options Help         File Setup Data Setup Header View         Bin type       Pressure         Bin size       1	Exit	Abbrechen
Start Process         Start Process         Start Process         Start Process         File Options Help         File Setup Data Setup Header View         Bin type Pressure         Bin size 1         Include number of scans per bin	Exit	Abbrechen
Start Process         Start Process         Sin Average         File Options Help         File Setup Data Setup Header View         Bin type Pressure         Bin size         1         Include number of scans per bin         Image: Exclude scans marked bad	Exit	Abbrechen
Start Process         Sin Average         File Options Help         File Setup Data Setup Header View         Bin type Pressure         Bin size 1         Image: Ima	Exit	Abbrechen
Start Process         Start Process         Start Process         Start Process         File Options Help         File Setup Data Setup Header View         Bin type Pressure         Bin size 1         Include number of scans per bin         Exclude scans marked bad         Scans to skip over 0	Exit	Abbrechen
Start Process         Start Process         Sin Average         File Options Help         File Setup Data Setup Header View         Bin type Pressure         Bin size         1         Include number of scans per bin         Exclude scans marked bad         Scans to skip over         0         Cast to process	Exit	Abbrechen
Start Process         Start Process         Sin Average         File Options Help         File Setup Data Setup Header View         Bin type Pressure         Bin size         1         Include number of scans per bin         Image: Exclude scans marked bad         Scans to skip over         0         Cast to process         Downcast         Include surface bin	Exit	Abbrechen
Start Process         Start Process         Start Process         Bin Average         File Options Help         File Setup Data Setup Header View         Bin type Pressure         Bin size         1         Include number of scans per bin         Exclude scans marked bad         Scans to skip over         0         Cast to process         Downcast         Include surface bin         Surface bin minimum value         0	Exit	Abbrechen
Start Process         Start Process         Sin Average         File Options Help         File Setup Data Setup Header View         Bin type Pressure         Bin size         1         Include number of scans per bin         Exclude scans marked bad         Scans to skip over         0         Cast to process         Downcast         Include surface bin         Surface bin minimum value         0	Exit	Abbrechen
Start Process         Start Process         Sin Average         File Options Help         File Setup Data Setup Header View         Bin type Pressure         Bin size         1         Include number of scans per bin         Exclude scans marked bad         Scans to skip over         0         Cast to process         Downcast         Include surface bin         Surface bin minimum value         Surface bin value         0	Exit	Abbrechen
Start Process         Start Process         Start Process         File Options Help         File Setup Data Setup Header View         Bin type Pressure         Bin size         1         Include number of scans per bin         Exclude scans marked bad         Scans to skip over         Cast to process         Downcast         Include surface bin         Surface bin maximum value         Surface bin value	Exit	Abbrechen
Start Process         Sin Average         File Options Help         File Setup Data Setup Header View         Bin type Pressure         Bin size         1         Include number of scans per bin         Exclude scans marked bad         Scans to skip over         0         Cast to process         Downcast         Include surface bin         Surface bin maximum value         0         Surface bin value         0	Exit	Abbrechen
Start Process         Start Process         Start Process         Bin Average         File Options Help         File Setup Data Setup Header View         Bin type Pressure         Bin size 1         I Include number of scans per bin         Exclude scans marked bad         Scans to skip over 0         Cast to process Downcast         I Include surface bin         Surface bin minimum value 0         Surface bin value 0	Exit	Abbrechen
Start Process         Start Process         Start Process         File Options Help         File Setup Data Setup Header View         Bin type Pressure         Bin size         1         Include number of scans per bin         Exclude scans marked bad         Scans to skip over         Cast to process         Downcast         Include surface bin         Surface bin maximum value         Surface bin value         Surface bin value	Exit	Abbrechen