## REVISION NOTICE TABLE

|  |  |
| --- | --- |
| DATE | DESCRIPTION OF REVISION |
| 7-March-2024 | Fixed dissolved oxygen units in BOT files for events 116 and 118. G.G. |
| 11-Jan-2013 | Anh Tran from Integrated Science Data Management (ISDM), Ottawa, informed me that the bottle files that were in the ISDM archives were not in our archive. Checking the log book confirmed that oxygens were collected at 43 stations. I found the hydro files in Bernard Minkley’s archives in “\\OSDCommon\WaterProperties\ Bernard Mnkley’s Data Drives” . The files were still in the old 12 line format. I converted them to IOS Header format and copied them to the OSD\_Data\_Archive. J.L. |

CTD Cruise #92-19 Processing Notes M.E.Woodward Feb/93

Data Files:

Tape 9219t1 contains 121 files numbered 1-130

(missing casts 17, 63, 64, 65, 66, 79, 84, 91, 99)

Delete files 3, 8, 14, 15, 16, 22, 38, 39, 40, 41, 76

(due to incomplete/aborted casts; see Log Book)

Thus there are 110 valid casts numbered 1-130.

Calibration casts are # 19, 29, 43, 62, 81, 82, 108, 110, 112

Surface Pressure Offset:

Mean surface pressure value (not including calibration casts)

= 2.295

Thus a PRESSURE OFFSET VALUE = -2.0 is used in calibrations.

Calibration Coefficients:

The calibration coefficients in the data file header records are

incorrect. Those used are:

for probe #53501 (casts 1,2,18-130):

CC0 = -.0006 TC0 = .01486

CC1 = 1.0006 TC1 = .99934

#58483 (casts 4-13)

CC0 = -.00033 TC0 = .00433

CC1 = 1.0000 TC1 = .9995

Editing:

Casts 042 and 119 spend a lot of time at the surface and must have the

beginnings of their files deleted before they are input to program DELETE.

Casts 001 and 002 have a very noisy Salinity channel - This has been

removed from files .COR and later

Cast 007 plots salinity off-scale with RAWPLOT

All other casts - editing of spikes (mainly in Salinity, sometimes in

Transmissivity, occasionally in Temperature) as indicated on RAWPLOT

plots by R.Thomson.

(Note- Casts 4-13 have no transmissivity data)

Calibration Casts:

An analysis of the results of the calibration casts resulted in

corrections of .032 and -.009 added to Temperature and Salinity,

respectively, with program HYDRO\_CORRECTION.

Data Files

Extensions: CAL

DEL

EDT

1MA

COR

STP

M.E.Woodward Feb/93

February 3, 1998

----------------

cast 7 - comparison with Juan de Fuca East climatoloy showed salinity to be

too high. Log book mentions that this was a test cast to test a

faulty conductivity cell. Cast was deleted.

Joe Linguanti