**December 13, 2013 – Joe Linguanti**

Several changes were made to the files in the Current Meter archive.

1. The Channel and Unit names in the FIL section of the header were changed to conform to the Ocean Science Division Data Archive standard naming conventions using program CHANGE\_CM\_CHANNEL\_NAMES.FOR. The original names can still be found in the RAW and CAL sections of the header.

With the exception of the CHS files all the Temperature Units were assigned to deg C since the units deg C (IPTS68) and deg C (ITS90) were not necessarily the correct units as a copy-and-paste procedure was used to create the IOS Headers. It would have been a large effort to try and validate which standard was used in calibrating the temperature sensors. The difference between these two scales is insignificant given the accuracy of these sensors.

1. Conductivity and Conductivity Ratio channels were removed from the file if a Salinity channel was also in the file. Also and channels with “:Raw” in their name was removed. The original files were moved to the subdirectory .History\2013-Dec-11 within each of the project directories.

The following channels were removed from the Tide Gauge files since they were only used for processing purposes;

Jul\_time

Julian\_number

LSB:Pressure

MSB:Pressure

The original files were moved to the .History subdirectory.

1. While making these changes several files were found to contain questionable data. In some cases only the questionable data was removed and in other cases the complete file was removed. In either case the change was noted in either a 1README.TXT file or the report file that was already with the data.
2. **It should be noted that this was not an exercise to validate the quality of the data. Only the channels names were checked and in the process some questionable data was found and dealt with as described in step 3.**

**February 28, 2014 – Joe Linguanti**

The filenames in the Mooring\_Data directory were renamed to the new filename format which contains the start and end dates. The new format is as follows;

NAME\_DDDDm\_SYYYMMDD\_EYYYMMDD.ext where,

Name = mooring name.

DDDD = depth of instrument

m = designates depth in metres

SYYYMMDD = Start year, month and day

DYYYMMDD = End year, month, day

Ext = .cur – current meters

.tg - tide gauges

.tch - thermistor chains

.ctd - CTDs

The CHS current meter filenames have either the character “a” or “b” at the end of their name to conform to the CHS format.

**March 13, 2014 – Joe Linguanti**

The instrument types and models were changed to have consistent descriptions, the mission ids were changed to include a 4 digit year and the scientist’s name was changed to standard names.

**August 12, 2014 – Joe Linguanti**

The filenames in the Mooring\_Data directory were renamed so that the instrument depth was placed after the start and end dates. The new format is as follows;

NAME \_SYYYMMDD\_EYYYMMDD\_DDDDm.ext

**September 14, 2014 – Roy Hourston**

Renamed Effingham4 to Effingham-I.

Effingham1, 2, and 3 are for station CTC11 (1999-2000) whereas Effingham4 is for station EF04 (2012-2013). Furthermore, there are additional moorings at station EF04 (2006-2013) that will be named Effingham-A to Effingham-J.