SEA UTILITIES, QNX 4, SOFTWARE CHANGES

This document is intended to keep a record of major modifications made to the Utilities for QNX 4 software.

09/16/2016

Versions will only change when software actually changes since all version were separated for each application as opposed to have one version for all applications.

05/14/2015

Revised bc635 to work with version 2 of the BC635/BC637 PCI interface cards. For Free Running and External 1 PPS modes the M300 system must set the BC635/BC637 clock. Added mode string for the output as well as more information to the usage message to help the user remember the modes.

03/26/2015

Revised the bc635 utility to support the new V2 interface card for the BC635 and BC637. Added a debug option to display debug information.

10/07/2014

Added support for the cm7000 utility to support the CM7050D modules.

07/18/2014

Modified ImageView to allow choice between CSV and RAW data file output. This will allow different data formats for data output. This gives us the capability handling raw data for troubleshooting as well as near processed data for data analyzes.

07/17/2014

Added support to ImageView for CIP, CIPGS, PIP and PIPGS from the PADS software file.

12/06/2013

Fixed e00totgt utility to correctly generate degrees and minutes around zero latitude and longitude.

07/18/2013

Increased the ASCII output for RawView to 20000 characters. This should allow capture and display of larger ASCII data.

05/03/2013

Removed file feature from SoftTool, this was an un-supported and un-commented feature. Revised SoftTool to work with specific application names. Provided support for IKP, MAF, SUSA and version 1.2.12 of the WCM-2000 software.

03/21/2013

Fixed timfilt utility to parse date fields correctly.

09/26/2011

Performed a sync to hard disk from work space saving and reading functions. This should minimize possible issues with corruption on configurations files.

06/06/2011

Added wcm845test utility. This will allow testing of the 845 controller from the WCM-2000 system.

11/07/2011

Added bc635 to QNX 4 utilities. This is used to setup the BC635/BC637 interface prior to running M300.

05/17/2011

The sermon utility was modified to allow "NULL" string for devices. This was we can monitor only one port if so desired.

05/09/2011

SoftTool modified to overwrite all files regardless of date.

04/28/2011

RawView modified to change tab to spaces (tab character was messing up display).

01/19/2011

Fixed problems with timesync utility. Added termination null character to data string and emptied serial data before starting so as to get the most recent data possible. Also changed utility to output data sentences instead of counter.