McLANE
RESEARCH LABORATORIES, INC

Technical Support Bulletin 2004-2	SBE 41CP Configuration	June 22, 2004

Alert Level: **IMPORTANT**
Software Version: All
Instrument: McLane Moored Profiler (MMP)
Subject: SBE 41CP Configuration

Summary: A feature of the Seabird SBE 41CP CTD allows the pressure and/or the sample number to be output to the serial I/O while profiling. This may be useful for a bench test, but it is undesirable during a deployment. The MMP software is not expecting the extra characters from the CTD serial I/O and will flag an unexpected response error. Suppressing the pressure and sample number output from the serial I/O while the CTD is profiling will not affect the data being collected by the CTD.

Technical Details: Any Seabird SBE 41CP CTD that is shipped from McLane Research Laboratories, Inc. will be properly configured prior to shipment. Execution of the following commands guarantee the correct configuration for a Seabird SBE 41CP CTD:

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°         Bench Tests          °
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      Tue Jun 22 09:25:07 2004


Sensor Utilities:
 <1> CTD Communication      <4> CTD Temperature Record
 <2> CTD Pressure           <5> ACM Communication
 <3> CTD Average Pressure   <6> ACM Tilt and Compass

System Evaluation:
 <7> Motor Operation        <9> Independent Watchdog
 <8> Brake on.  Change?

System Options Tests:
 <A> Acoustic Telemetry     <F> Chl à Fluorometer
 <I> Inductive Telemetry    <T> IR Turbidity
 <P> Acoustic Transponder

Exit:
 <M> Main Menu

         Selection  ? 1


Applying power and enabling COMMs to CTD . . . ready.

Initializing TT8 communication channels . . .
TX channel open.
RX channel open.

Hailing frequencies open.
<CTRL>-<C> to terminate session.

SBE 41CP McLane V 1.0
S>pcutoff=-100
S>outputsn=n
S>outputpressure=n
S>initprofile
S>
```

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