PIES/C-PIES Telemetry checklist

SITE\_\_\_\_\_\_\_\_ URI \_\_\_\_\_\_\_\_\_IES SN#\_\_\_\_\_\_\_\_ OPERATION: CTD, Telemetry

LATITUDE:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ LONGITUDE:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DEPTH:\_\_\_\_\_\_\_\_\_\_\_\_ TELEMETRY CODE:\_\_\_\_\_\_\_ CLEAR CODE: 76

CHECK

Approaching station

1. Configure Benthos Deck Unit and Test communication with laptop

• Open AOML IES telemetry App. in your laptop \_\_\_\_\_

• Turn the Benthos Deck Unit to REMOTE mode \_\_\_\_\_

• Select where to save the data file (ex. C:\...\wbts1602) \_\_\_\_\_

• Select the correct Deck Unit type \_\_\_\_\_

• Select the correct Serial Port Configuration \_\_\_\_\_

• Specify the IES type, model, firmware and serial number \_\_\_\_\_

• Select “Connect” to test the communication to Benthos box \_\_\_\_\_

• If you are using DS7000, use gain of \_\_\_\_\_\_\_\_\_\_

On station

2. Turn SeaBeam/Bathy2000-type systems to passive mode \_\_\_\_\_

3. Communicate with the Bridge and tell them that an

over-the-side transducer will be in use (if appropriate) \_\_\_\_\_

4. Put Benthos transducer over the side (if appropriate) \_\_\_\_\_

5. In Benthos COMMAND mode, send 12 kHz CLEAR command \_\_\_\_\_

6. In Benthos COMMAND mode, send 12 kHz TELEM command \_\_\_\_\_

7. QUICKLY! Change Benthos box to REMOTE mode \_\_\_\_\_

8. Select “Ping” (single ping) in AOML IES Telemetry App. \_\_\_\_\_

When telemetry download complete (back to\_\_\_\_\_\_\_\_\_\_\_Yearday\_\_\_\_\_\_\_\_\_\_)

9. In Benthos COMMAND mode, send 12 kHz CLEAR command \_\_\_\_\_

10. Pull Benthos transducer onboard and wash it \_\_\_\_\_

11. Tell Bridge transducer is back onboard \_\_\_\_\_

12. Back up the files to another computer!!!! \_\_\_\_\_

13. Turn SeaBeam/Bathy2010 systems into active mode \_\_\_\_\_

Date of telemetry download:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Time of telemetry download (UTC):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Length of record downloaded:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directory where files copied:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Filename of data file:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_