

Inverted Echo Sounder - Model 6.2 Deployment

Site/Project WBTS Site B

IES # PIES SN# 122

Date: October 7, 2006

ACS function

TELEM:
XPND:
BEACON:
RELEASE:
CLEAR:

Benthos DS-7000 Command

TT Measure Rate: 24 pings every 60 minutes
Depth: 48.4 meters ÷ 60 m/min = sink time = 81 min.

If PIES DCS s/n

DCS cable s/n

Recovery Devices:

Internal radio/flasher Channel# 77

Attached & Working?

~~PIES stand~~
Flag

☒
☒

Launch Site: (type of fix GPS)

26° 29.476' N °LAT

76° 28.199' W °LONG

IES clock offset from GMT @ launch +15 min seconds (+early/- late)

Attach anchor, suspend & check slippage? ☒

Time of launch (GMT) 10:58 GMT

(Local) 06:58

ACS replies @

Reached bottom @ ~12:19 GMT

Bottom TT measure burst @ 12:45 GMT

Burst Telemetry @:

DS-7000 GAIN:

Distance:

SAMPLE#

Tau

Pressure

Speed

Direction

1
2
3
4

ACS CLEAR when leaving site
NOTES:

Note PIES intentionally set with clock 15 minutes ahead of the correct time so the instrument will not have cross talk with the other PIES (SN#169) that we failed to retrieve at this site

Start IES
October 6, 2006
23:43:22 GMT

Restart October 7, 2006
9:56 GMT

**Inverted Echo Sounder - Model 6.2
Recovery**

Site/Project WBTS Site B

IES # 122
Date: 9/27/08

ACS function

TELEM:
XPND:
BEACON:
RELEASE:
CLEAR:

Benthos DS-7000 Command

TT Measure Rate: 24 pings every 60 minutes
Depth: 4806 meters

Transpond slant range @ release: _____ m

Release command time 19:10 GMT

Leave bottom time ~19:24 GMT

Surface time 20:36 GMT 4:32 local

On board time 20:41 GMT

IES OFF time 20:43:24 GMT 4:33:24 local

IES clock offset from GMT @ recovery _____ seconds (+early/- late) Figure out at home

Radio working? ✓
Flasher working? ←?

NOTES:

Arrive on station 18:59 GMT
Sending clear @ 3:08 L
Sent clear @ 3:09 L
Response @ 3:09 L
Sent release @ 3:10 L
Received 4 sec pings @ 3:10:40 L
Leave bottom by 3:24 local

Should surface at ~4:45 pm