

# Inverted Echo Sounder - Model 6.2 Deployment

Site/Project LVBTS Site B

PIES # 239  
Date: 12/3/09

## ACS function

TELEM:

XPND:

BEACON:

RELEASE:

CLEAR:

## Benthos DS-7000 Command

TT Measure Rate: 24 pings every 60 minutes  
Depth: 4811 meters ÷ 60 m/min = sink time = 80 min.

If cPIES: DCS s/n 4827 DCS cable s/n       

## Recovery Devices:

Internal radio/flasher Channel# 77  
PIES stand         
Flag       

## Attached & Working?

✓  
✓  
N/A

Launch Site: (type of fix GPS)

26° 29.59 N °LAT

76° 28.41 W °LONG

IES clock offset from GMT @ launch +1800 seconds (+early/- late)

Attach anchor, suspend & check slippage? ✓

Time of launch (GMT) 02:13:50

(Local) 09:13:50

ACS replies @        kHz

Reached bottom @ 03:15:00

Bottom TT measure burst @ 03:30:00

Burst Telemetry @: N/A

DS-7000 GAIN:        Distance:       

SAMPLE#	Tau	Pressure	Speed	Direction
1	_____	_____	_____	_____
2	_____	_____	_____	_____
3	_____	_____	_____	_____
4	_____	_____	_____	_____

ACS CLEAR when leaving site       

## NOTES:

Auto release 2h 2014 Jan 30 16:00 GMT  
Instrument started 15:49:00 GMT  
Due to a delay in the start of the deployment, the instrument was not released until 15:50:00 GMT.  
To avoid confusion, the time is given in GMT (not local time).

# Inverted Echo Sounder - Model 6.2 Recovery

Site/Project WBTS Site B

IES # 239  
Date: 4/1/12

TT = 6.43%

## ACS function

TELEM:  
XPND:  
BEACON:  
RELEASE:  
CLEAR:

## Benthos DS-7000 Command

-  
-  
-  
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TT Measure Rate: 24 pings every 60 minutes  
Depth: 4827 meters

Transpond slant range @ release: \_\_\_\_\_ m

Release command time 5:09:47 GMT

Leave bottom time 5:20 GMT

Surface time 06:53 GMT

On board time 03:15 0

IES OFF time 03:18:45 0

IES clock offset from GMT @ recovery \_\_\_\_\_ seconds (+early/- late)

Radio working? \_\_\_\_\_  
Flasher working? \_\_\_\_\_

## NOTES:

No sample burst heard upon arrival at 05:00 GMT  
We declutched immediately upon arrival. (very quiet!) <sup>Used of</sup>  
We expect the pacs to hit the surface @ 6:40 GMT  
Note: Listened at wrong time for sample burst → Instant  
intentionally set off by 30 minutes due to other instrument in area.

After recovery - Comm cable connect and in main menu when  
strobe began flash again. Probably a feature. Pedro  
reset the ACS on the IES main menu and the strobe stopped.