

## Box coring and bongo net deployment

### August 27, 2010

#### Original Message from Rich Findley (U. Miami/RSMAS) on Friday, August 27, 2010:

All,

Does anyone have written procedure for box coring and/or bongo net deployments.

Regards,  
Rich

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#### Replay From: Lynne Butler (URI) on Fri, 27 Aug 2010

Hi Rich,

Attached is a box core version I downloaded from the web years ago, "Courtesy of Rob Wheatcroft, OSU".

Also attached is a short cheat sheet for cores/pingers as well as a spread sheet for pinger crossings. Not specific for box vs. other cores. I hope they're helpful though. The spreadsheet could use some work. It's just something I threw together while coring and fill in during operations. Delete or edit if you don't like it and if you've got files you like please send them over.

Lynne

Box Coring Overboarding Procedures - Courtesy of Rob Wheatcroft, OSU => [BoxCore.pdf](#)

Pinger Box Core => [PingerBoxCore.pdf](#)

Pinger Box Core Log => [PingerBoxCoreLog.xls](#)

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#### Reply From: Rob Hagg (UW) on Aug 27, 2010

Rich, is the procedure your interested in for the ISM or a howto for new techs that may not have done one before?

We wrote a " Deploying over the side" procedure that encompasses most over the side operations re all nets box cores, sediment traps etc. It basically outlines safety concerns an assumes the person in charge of the deck has been trained in the deployment of the specific instrument.

A step by step procedure on rigging and deployment of a box core for a tech that has never done one may depend on the type of box core. The Spade box core, Sutar box core an Castin box cores all rig a little different. Depth and bottom type may also play a part in your actual deployment procedure w.r.t. descent rate, or whether a pinger is needed etc. There are also a couple huge box cores out there requiring a little more caution an dollies to recover the box.

Bongo nets are much more straight forward but may have different safety concerns for the tech depending on the type of tow. Vertical or Horizontal...and I would imagine also somewhat ship dependent. For instance, a horizontal tow off the stern is a lot easier than over the side if its possible to do so.

Rob

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