

# UH - MVP Installation – Jul.04

Initial Install for testing  
On the KOK – HNL

Model – MVP300-3400

Purpose

CTD Profiling

Optical Profiling

Sound Velocity

Wax Coring



# UH - MVP Installation – Jul.04

- Setup – Install
- Orientation – training
- U/W Instrument  
checkout - CTD



# UH - MVP Installation – Jul.04



Lab Deck Box – Rear showing some of the connections to deck cable.



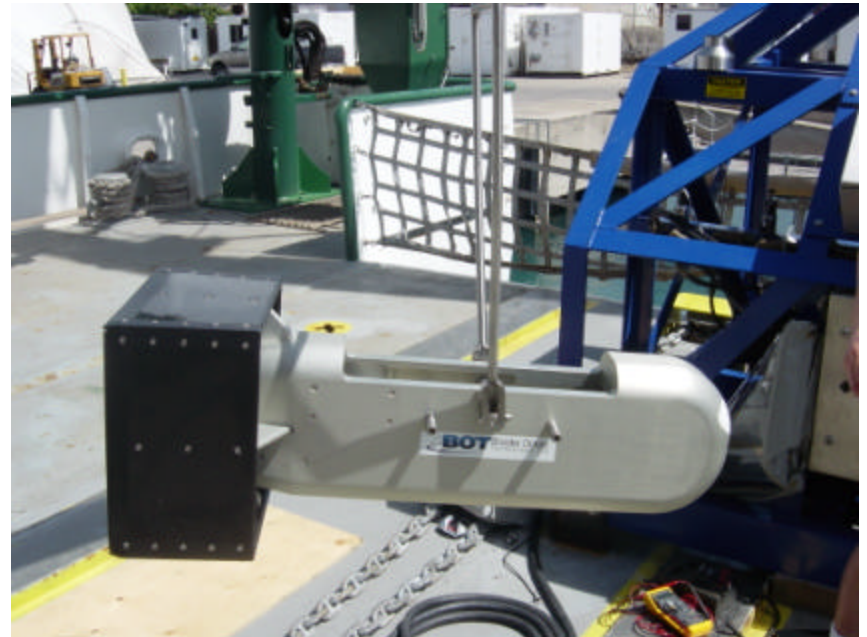
Deck Cable – Lab End RS422 from Tow body

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Remote Readout on winch

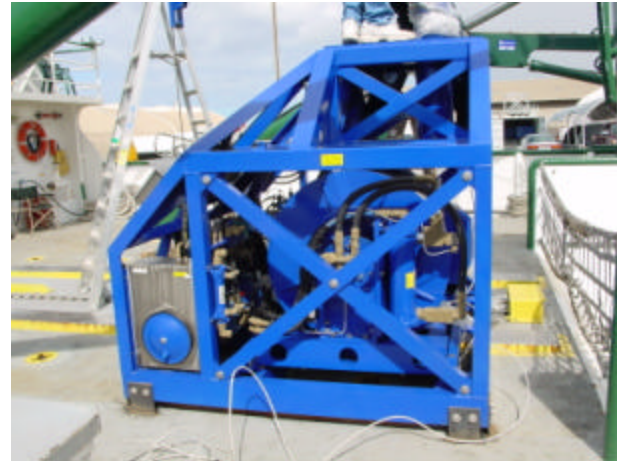


Tow Fish Body - Smaller

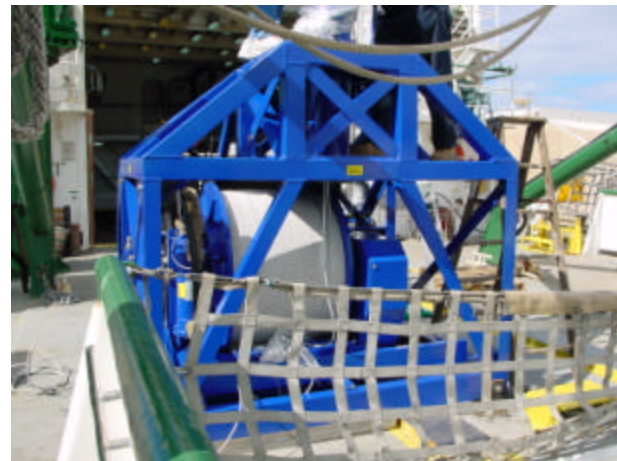


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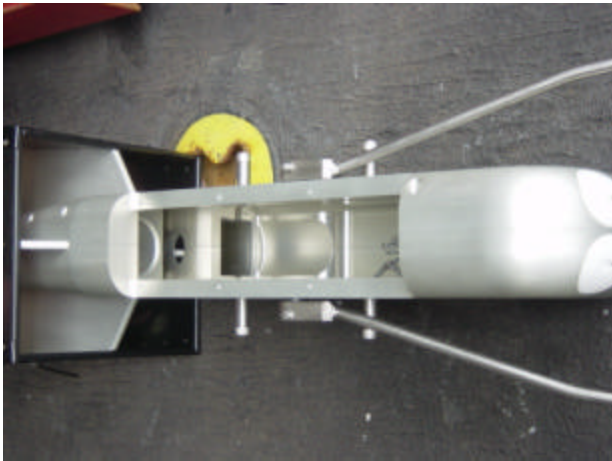
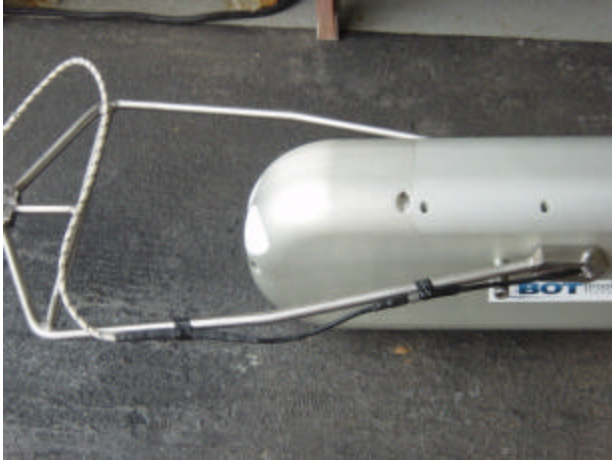
Side profile



Winch Facing Aft



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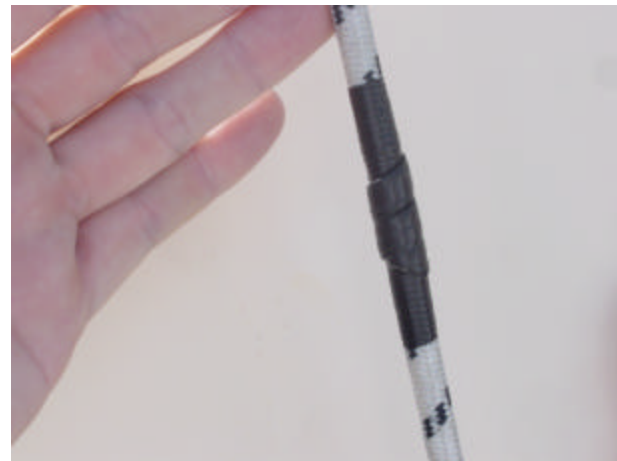


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CTD U/W Electronic Case



Spiral Wrap – Limit Switch



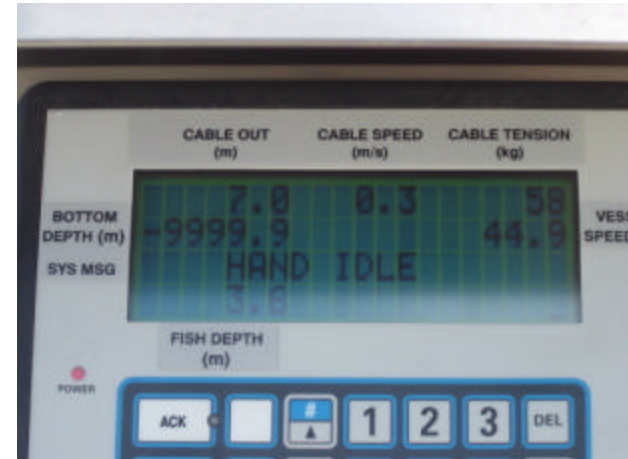
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Hanging  
tow fish



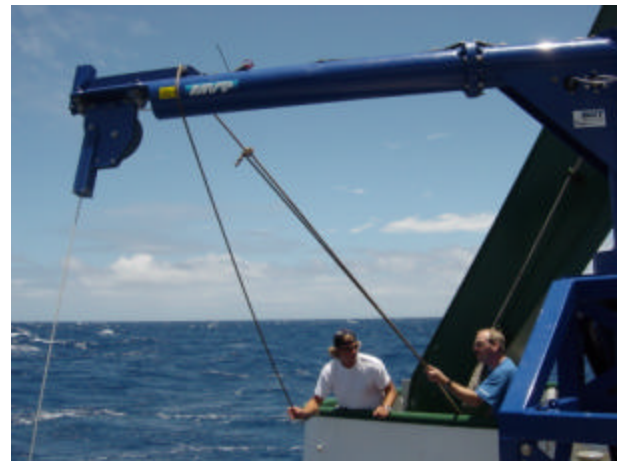
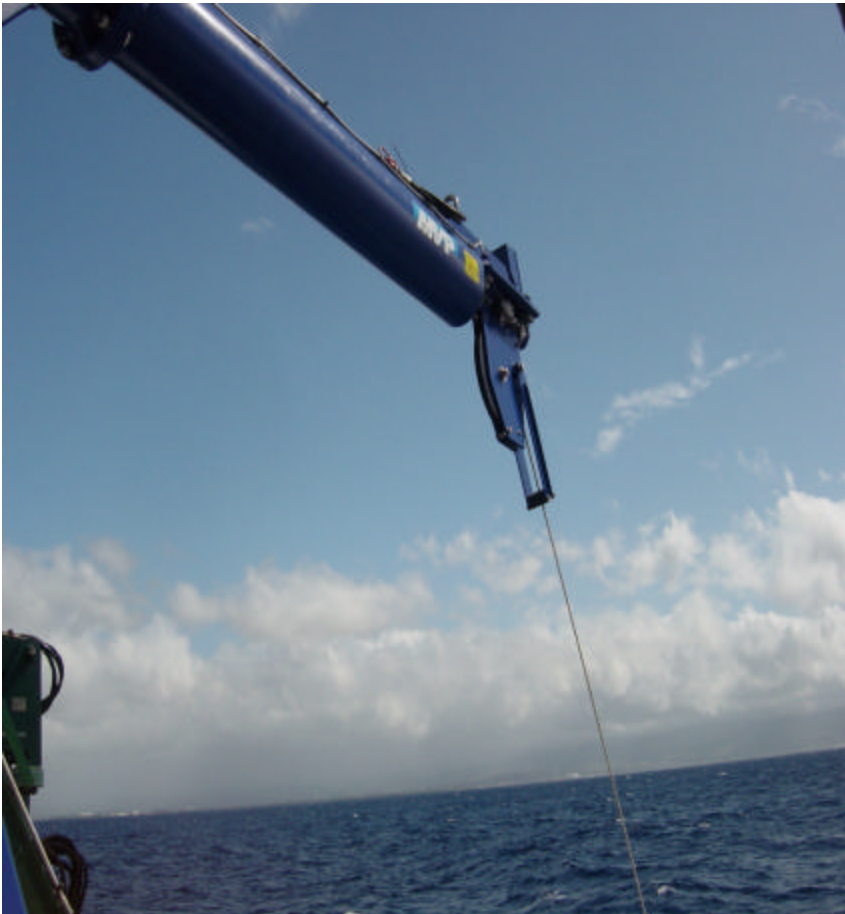
Remote winch display

Winch  
Controls





# UH – U/Way Tests



# Cable Installation – Jul.04

Install Compromised  
Cable For Wax coring  
(~300 lb chunk of metal  
with holders for soft wax)  
Dropped at high speed  
~240 m/min

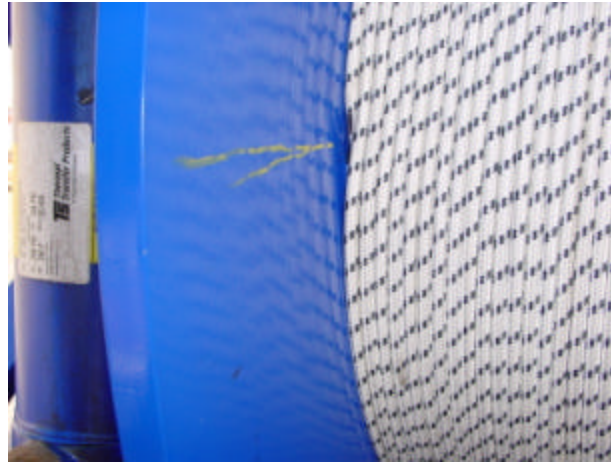
First Layer – key

Typical – 3 players

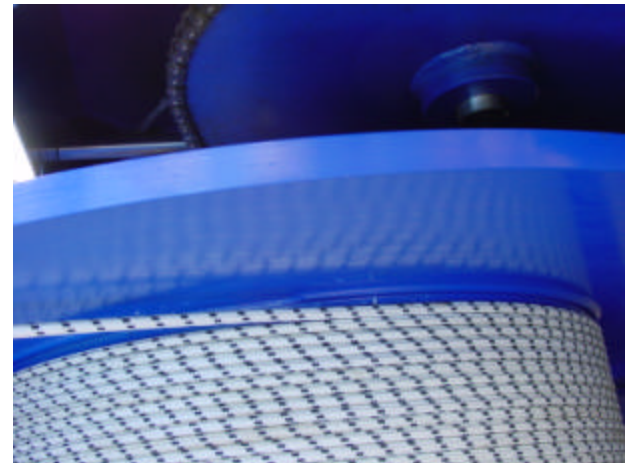
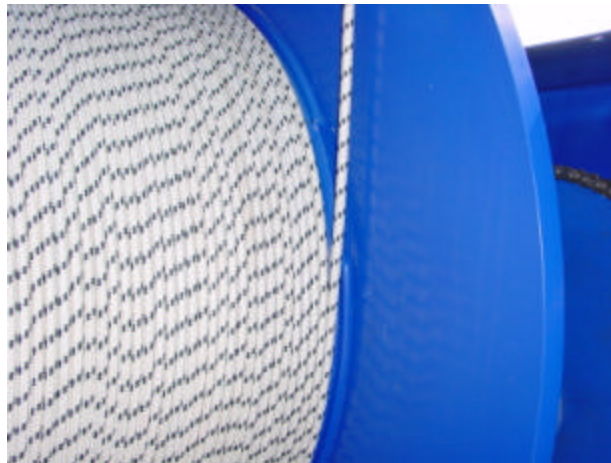


# Cable Installation

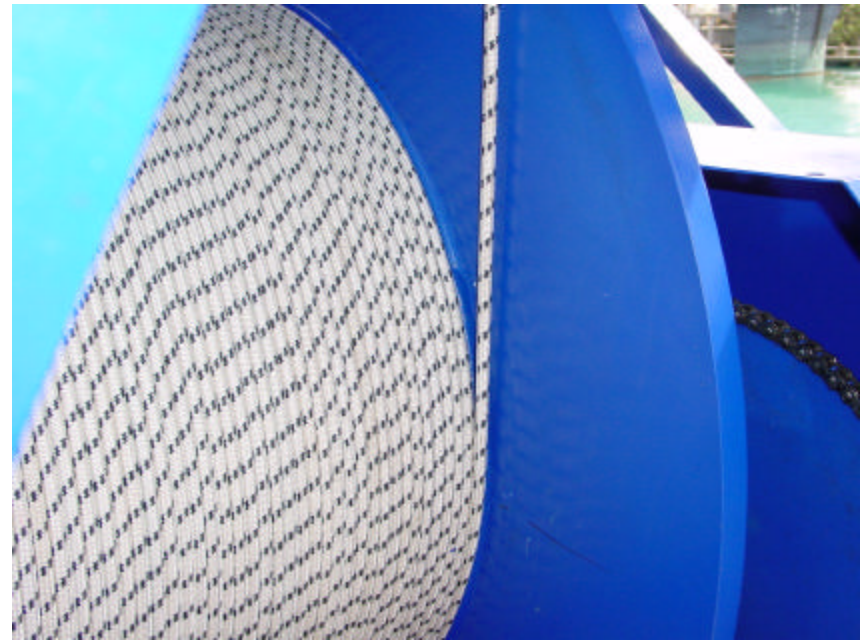
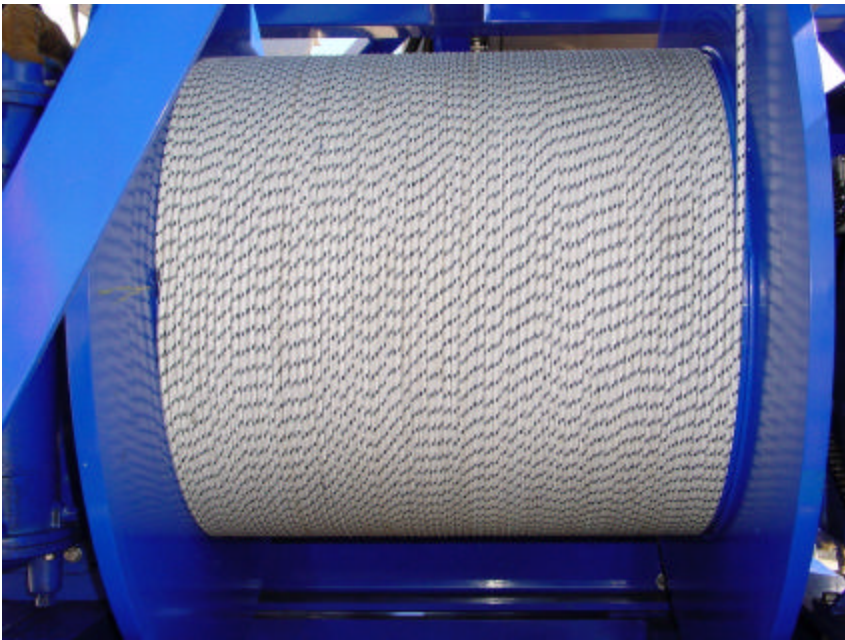
Start 72  
Turns / wrap



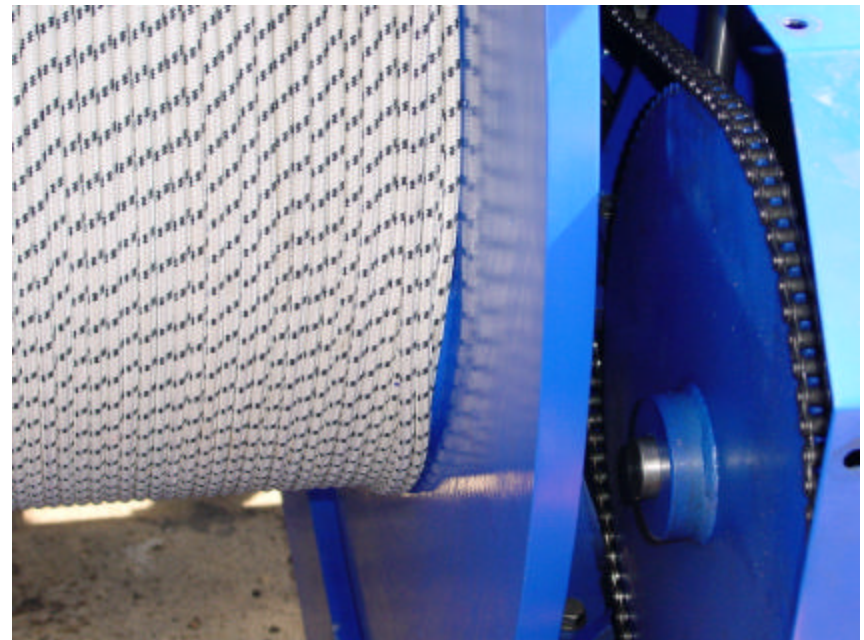
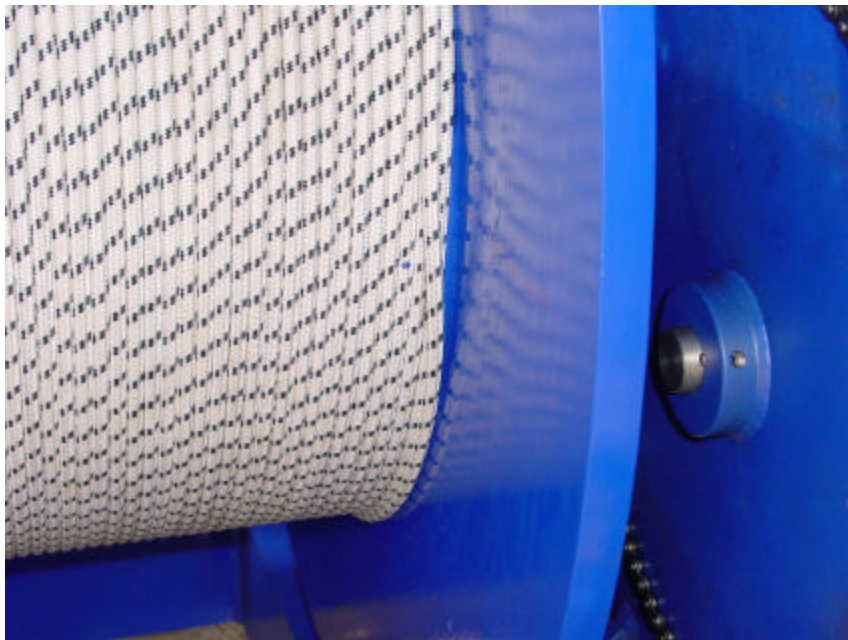
Last turn rides  
Up on ridge



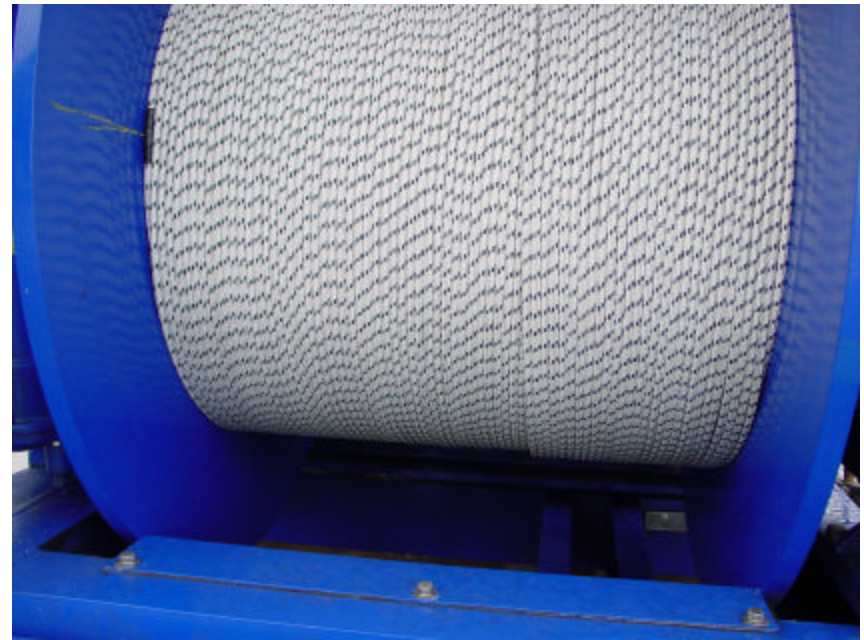
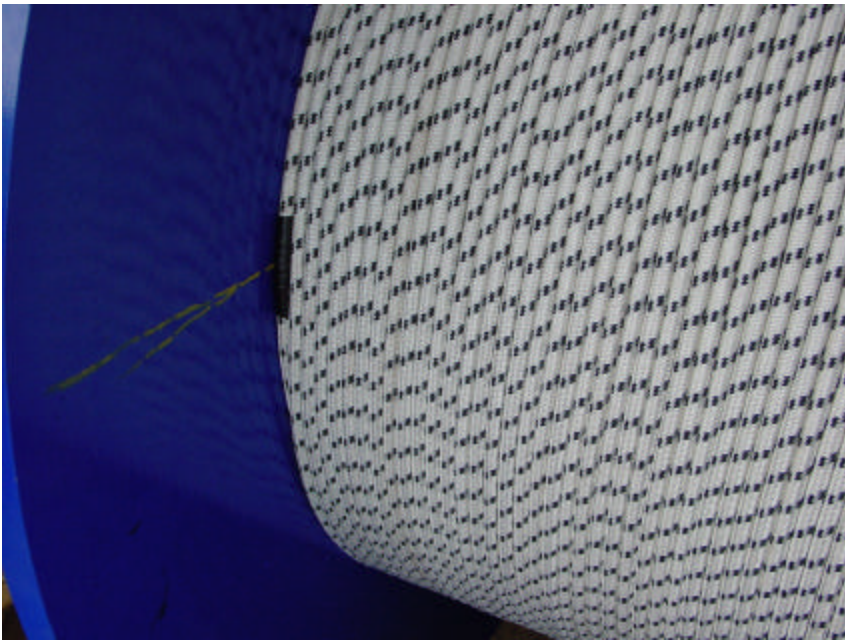
# Cable Installation



# Cable Installation



# Cable Installation



# BOT – Factory Load



# Conclusion

- Cable loading min two days – two techs
- Fiji – put back on Good Tow cable
- Plan was to use on current transit for Sound Velocity profiles to be uploaded to Multibeam
- Techs were occupied with DP issues
- So far no u/way use