### Junction Box for Connectorized Electro-Optical Wire Terminations

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College of Fisheries and Ocean Sciences



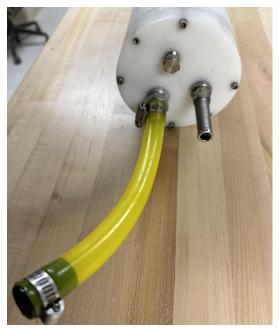






## Junction Box for Connectorized Electro-Optical (EO) Wire Terminations





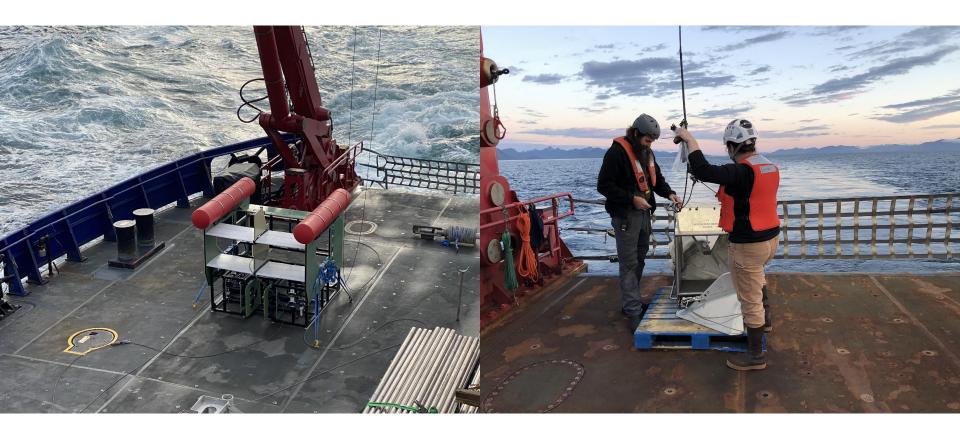












Instrument: DPI / ISIIS

Connection: fiber, electrical

Instrument: Multinet

Connection: electrical













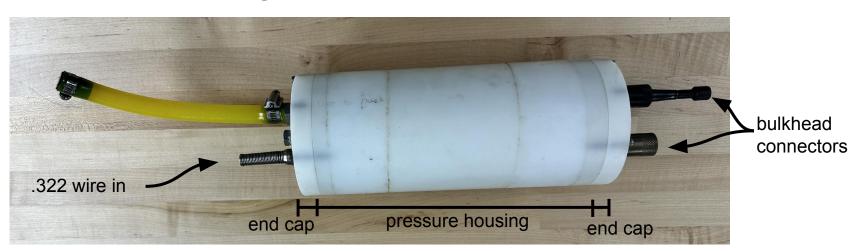


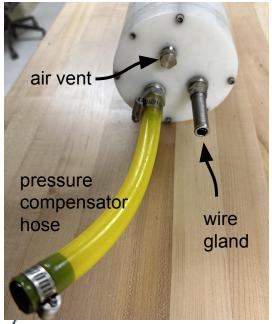






#### Anatomy of a Junction Box









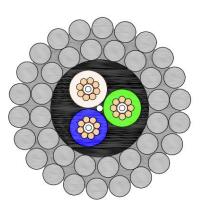






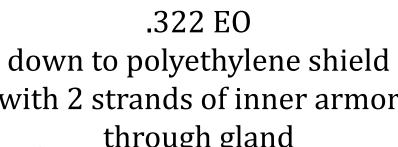


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.322 EO

hot power





sea ground

primary fiber

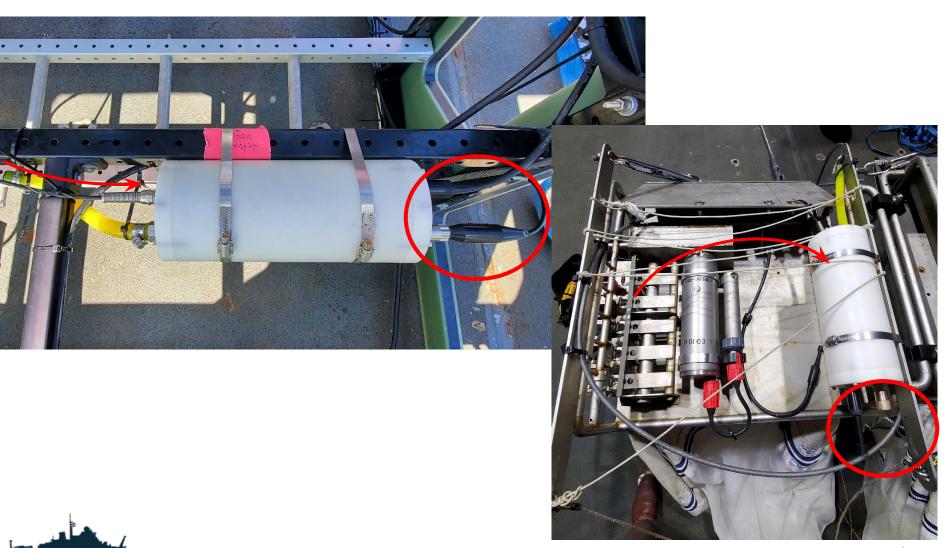
and secondary

fiber





# J Box in Action!









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## Future Improvements



Add a threaded rod through the end cap for the sea ground

Adapt the design for 0.681 wire







