

Remote Tucker Release
Originated by Phil White (NOAA) on April 30, 2012

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Does anyone know of a remote pressure and net release system for Tucker trawls? Trig and bronze messengers are so 1951.

Reply from: Matt Robart (UC Davis) on April 30, 2012

Here at Bodega we use a tripper built by the UCSB Physics Shop several years back (Cyril Johnson was the contact). It transmits pressure and temperature up the hydrowire, and can trip up to 4 nets. We've had some minor issues with it over the years but all-in-all not a bad system.

-Matt

Matthew J. Robart
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Reply from: Thomas Wilson (SUNYSB) on April 30, 2012

Hey Phil,

We built a couple of 4 channel Tucker trawl releases a dozen or more years ago and would be happy to do so again given appropriate funding and lead time. The ones we made were manually operated over a sea cable from the surface but could also make them programmable to trigger on pressure, time, or whatever.

If you are interested let me know:

- 1) Operating depth range,
- 2) Size of your trawl, I seem to remember building for the standard 1x1 meter,
- 3) Is this for a proposal or funded work?
- 4) When and where do you need to go splash?

Thanks for reviving the memories, I'll have to get out a dust mask and go

digging in my old files.

Tom Wilson

Reply from: Stuart Halewood (UCSB) on April 30, 2012

Hi Guys,

Cyril Johnson has retired now but i can try and find his contact details if needed as he still does some contract work.

Cheers,

Stuart