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## Now Available: Building Fun with LEGO<sup>®</sup> Bricks



To say thanks for your flexibility this past year, we have some **custom instructions** to build your own McLane [Sediment Trap](#) or [IFCB](#) with LEGO<sup>®</sup> bricks.

- **Enter now! On March 31**, we will randomly choose one customer from entries received. Winners get a complete 200 + piece Sediment Trap kit.
- Win an IFCB kit if you are one of three runners-up
- Download instructions if you want to raid your own stash of LEGO<sup>®</sup> bricks and build an IFCB or Sediment Trap on your own.
- Post your masterpieces on social media with the tag #mclanelegobrickfun, #mclanelabs.

Enter to Win Sediment  
Trap Kit

Download Sediment  
Trap Instructions

Download IFCB  
Instructions

**Coming Soon!** WTS-LV and Prawler LEGO<sup>®</sup> brick instructions.

# End of Support Notice: Teledyne Impulse Connectors and Cables on McLane Instruments

McLane can no longer replace ANY Teledyne Impulse cables and connectors on our Samplers and Profilers.

## What this Means:

- Impulse cables and connectors in good working order are fine to use until they require replacement.
- Instruments made in 2012 or later should already have MCBH connectors.
- Replacing older style cables and/or connectors (XSG or XSK) may require sending certain components back to McLane for an MCBH upgrade.
- Some cables and connectors may be upgraded by instrument owners with an MCBH upgrade kit supplied by McLane.



## Steps for You:

- [Review the list](#) of affected instruments and required upgrade parts.
- [Read](#) the full article on our website.
- [Send us](#) your serial numbers for help confirming the connector style.
- Refer to our detailed MCBH Upgrade Technical Updates [WTS-LV TSB2020-02-01](#), [RAS or PPS TSB2020-04](#) or [Sediment Trap TSB2020-05](#).
- [Contact us](#) or your McLane Sales Representative to discuss the best options and pricing for your upgrade scenario.

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## RAS-500 Now Available with Fixative Option

**NEW!** The [RAS-500](#) now has the same fixative option available in the [PPS](#).

### Highlights of the RAS-500 Fixative option:

- Incubate each RAS-500 water sample over a user programmable time, followed by application of a fixative solution.
- Schedule fixation events independently so multiple water samples can be collected before fixation occurs.

### Learn more:

- [Read the detailed description](#) of this feature in the Release v3.11 Release Notes.
- [Contact us](#) if you are an existing RAS-500 customer and would like information about this feature. This upgrade must be performed at McLane.

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## IMOS Moorings Collect Longest-Ever Time Series Samples from the Southern Ocean



In 2019 Integrated Marine Observing System (IMOS) Australia deployed [Sediment Traps](#) and other instruments as scheduled onboard CSIRO's Research Vessel *Investigator* at the remote Southern Ocean Time Series Observatory.

Researchers could not have imagined that an impending pandemic would halt 2020 sea operations, delay mooring recovery, and result in the longest known time series samples ever collected from the Southern Ocean.

[Read more](#) about how an extra-long data time-series was gained and will greatly contribute towards studies of the total global ocean uptake of human-induced CO<sub>2</sub> emissions.

## Supporting your Science

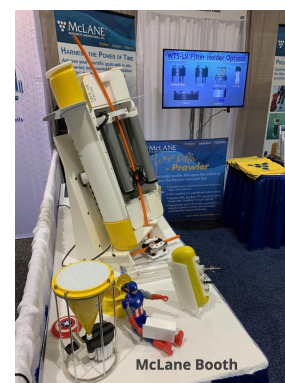
As the saying goes, "Eat, sleep, do science...repeat."

### At the time of purchase:

- Tell us if your order has a pressing deployment date. We're working with longer supplier lead times and will do our best to accommodate you.
- Schedule [product training](#). Classes are still included with the purchase of a new instrument, now on-line via Zoom.

### Before your deployment:

- Download the step by step User Manuals from our website. A manual with photos is critical when in the field. **New** manual updates: [Sediment Traps](#), [PPS](#) and [IFCB](#). Have an older instrument but don't have a manual? We have archived manuals for older instruments.
- Download the instructional videos of your instruments from the [McLane Product Library](#). These resources will help you answer questions when at sea.
- [Download McLaneTerm](#). McLane's terminal emulation program can connect our engineers with your instruments for troubleshooting. Confirm that you are comfortable using McLaneTerm or [contact us](#) with any questions.
- Check the McLane [McLane Product Library](#) for other useful resources such as recent technical service bulletins.



### During and after your deployment:

- Post McLane instrument deployment photos, mention #mclanelabs in [Twitter](#), [Instagram](#) and [Facebook](#) posts.
- Get a McLane t-shirt and your photo featured in our #FieldFriday, or #MediaMonday Twitter posts.
- Connect with our social media community, including a **New** [McLane Pinterest](#) page.
- [Contact us](#) with other suggestions for resources that are helpful to you.

### For IFCB customers:

- See our [New IFCB Vimeo channel](#).
- [Replay](#) the 2020 IFCB Webinar presented by Engineer Vinnie Ferreira.

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[Visit our website](#)

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STAY CONNECTED

