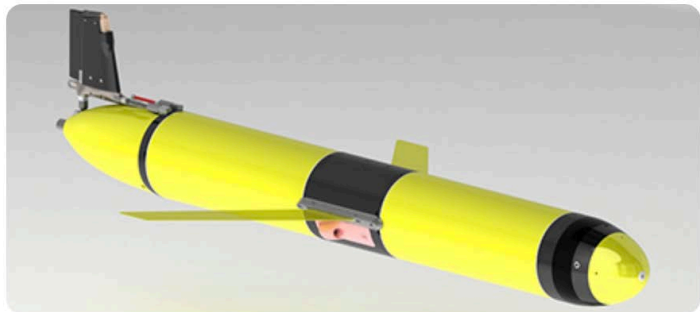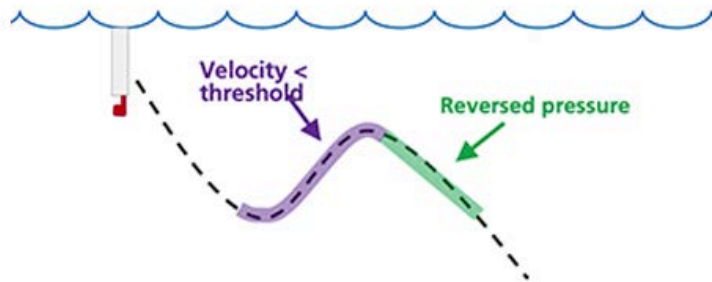# Future Webinars

Development and evaluation of the RBRlegato CTD on glider platforms

Eric Siegel

May 20, 2020 at 12PM EDT

Learn how customers are using the new RBR*legato* glider CTD to extend glider missions, improve data quality, and enable more measurements.

Register for the Webinar

RSKtools: a free toolbox for CTD post-processing and data visualization

Greg Johnson

June 3, 2020 at 12PM EDT

Learn more about the many functions in the the free post-processing toolbox and how it can improve your CTD data quality.

Register for the Webinar

RBR

Future Webinars

CTD and sensor calibrations

Greg Johnson
June 10, 2020 at 12PM EDT

Learn about the RBR calibration procedure for conductivity, temperature, pressures, and other sensors, and how you can maintain, verify, and calibrate some sensors in the field.

Register for the Webinar

Wave measurements for ocean, coastal, and transient wave studies

Eric Siegel (RBR) & Curt Storlazzi (USGS)
June 17, 2020 at 12PM EDT

Expand your understanding of wave measurements, learn how to optimize your deployment settings, and review Ruskin wave processing methods

Register for the Webinar

RBR

Welcome, the RBR Webinar will begin shortly...

Ruskin

Greg Johnson

One app to rule them all

macOS/Windows10/iOS/Android

Every instrument we've made since 2005

Complete deployment simulation

Speaks your language

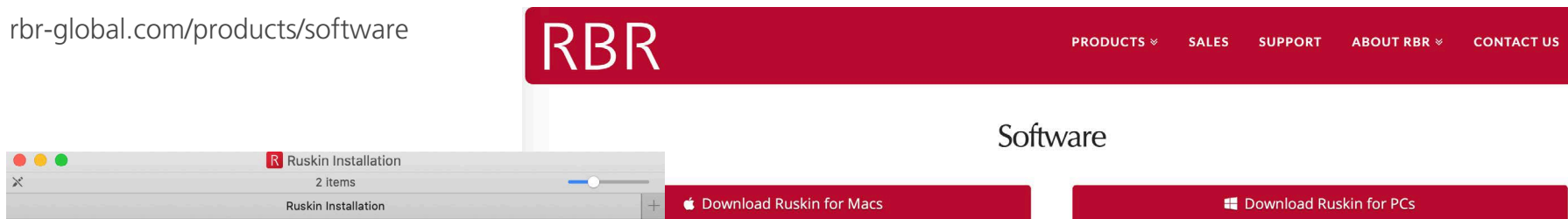Automatic update

Contains all RUGs and RIGs

Continuous improvement - 4x per year

RBR

Installing

rbr-global.com/products/software

Connecting

🔗	RS-232/RS-485

🔌	USB

📶	Wi-Fi

🖥️	Ethernet

RBR moved to USB in 2012

RS-232 still used for instrument-to-instrument comms

RS-485 if longer than 50m

Wi-Fi available as option in all Generation[3] instruments

Ethernet for specials or serial-to-ethernet dongles

Auto-detect for serial: greedy acquisition and baud-rate hunting

RBR

Simulating

What if you don't have the instrument?

Demo

RBR

Autonomy Engine

Batteries
- Lithium thionyl chloride (LTC)*
- Lithium iron (50%)
- Alkaline (30%)
- Lithium ion (25%)
- Nickel metal hydride (NiMH) (25%)

* LTC limited to ≤CTD (low peak current)

External batteries

RBR

Deploy

Schedule
- sync the clock
- Start now or later
- Sampling modes
  - Continuous
  - Average
  - Burst
  - Directional
- Gate
  - twist activation
  - marine wet switch

Waves – June 17 webinar

RBR

Download

Normal downloads
Automatic behavior for mass deployments
Auto-deploy/stop/download

RBR

Display

Thumbnail
Panning, zooming, and axes changes
Navigating by profile (cast detection)
Annotations

Preferences
    Derived channels
    Plotting defaults

RBR

Datasets

RSK files - what are they really?
Read them in Matlab/Python/R/etc
Export TEXT
Export Excel

RBR

Calibration

Calibration expiry
Request a calibration quotation

RBR

Support

Comment on Ruskin - talk to support directly

RBR

Misc

Topics to cover
Options window
          Realtime
          Serial
          Storage
          Format
          Mode
          Wi-Fi
Other tabs
          Information
          Calibration
          Parameters
GPS tags - manual vs mobile app
Desktop vs mobile files - different features? viewing the quick profiles on mobile app only available from mobile mode
Auto gain features for certain sensors
some detail on the settings of derived channels (and its affect on data o/p, processing of D data to remove atmosphere, etc.)

When to use the Upgrade Instrument Firmware

Advanced sampling

RBR

Thank You

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