

## PRESS RELEASE



### Teledyne RD Instruments **Explorer Doppler Velocity Log** Provides Precision Navigation on VideoRay Remotely Operated Vehicle

#### *World's most popular ROV now supported by most popular DVL*

Phoenixville, PA, November 10<sup>th</sup>, 2011 - VideoRay LLC, the leading manufacturer of Inspection ROVs, and Teledyne RD Instruments, the leading manufacturer of acoustic Doppler navigation products, are pleased to announce that collaborative efforts to integrate Teledyne RDI's Doppler Velocity Log (DVL) on board VideoRay's Pro 4 have proven successful.

Through extensive system integration and software development provided by several leading software and integration companies, the Teledyne RDI Explorer was demonstrated in October at VIPS 2011, VideoRay's annual user conference. This ROV conference, with over 150 delegates from several organizations from over 16 countries, is the annual meeting of users, developers, dealers, and accessory vendors for Inspection Class ROVs. Working on the Teledyne RDI DVL project, in addition to VideoRay and Teledyne RDI, were Seavision Underwater Solutions of Little Compton, RI, SeeByte Ltd of Edinburgh, Scotland, and Studio Ing. Banfi SAS of Rome, Italy.

DVLs provide highly accurate velocity information, which is used to provide precision navigation data onboard subsea vehicles. Historically, the use of DVLs has been limited to larger vehicles that possess the payload capacity and data bandwidth required to support the sensor. To meet market demand for today's smaller, lighter weight vehicles, Teledyne RDI offers the Explorer DVL, which has been designed to meet the stringent size, weight, and power constraints required for a wide array of smaller platforms. Both a self-contained and a remote-head version of the Explorer DVL are available and utilize a phased array transducer, which provides a level of precision comparable to Teledyne RDI's larger, industry standard Workhorse Navigator DVL. The Explorer, however, resides in a manageable 4.5 x 10 inch housing for the self-contained system, and an even smaller 4.8" x 4.8" remote head format with remote electronics that can be integrated inside the vehicle.

Scott Bentley, President of VideoRay, comments: "I'm very excited about the potential this gives VideoRay users for precise navigation. Using the Explorer DVL and SeeByte SeeTracker Copilot software,

for example, is a key improvement in both automated and precise navigation. Over the next few months you will hear about new VideoRay capabilities that were, until now, only available on more expensive work class vehicles. This joins previous VideoRay firsts like non-acoustic positioning, scanning sonar, multibeam sonar, and the like as a game changer for Inspection ROV underwater inspection.”

###

#### **About VideoRay**

With more than 1,950 Remotely Operated Vehicles (ROVs) in service around the world, VideoRay has clearly become the global leader in Inspection ROV technology. VideoRay is an extremely versatile, portable, affordable, and reliable solution for underwater operations including surveys, offshore inspections, search & recovery, homeland & port security, science & research, fish farming, and other unique applications in underwater environments. “Plug and play” technology allows you to quickly attach sensors and accessories in the field so you can successfully complete your mission. VideoRay is available on the [General Services Administration](#).

#### **About Teledyne RDI**

Teledyne RD Instruments, a wholly owned indirect subsidiary of Teledyne Technologies Incorporated, is a leading manufacturer of Acoustic Doppler Current Profilers (ADCPs) for current profiling and waves measurement applications and Doppler Velocity Logs (DVLs) for underwater navigation applications. Teledyne RDI’s products are used globally for scientific, commercial and military applications.

[www.rdinstruments.com](http://www.rdinstruments.com)

---

For VideoRay information contact:

**Brian Luzzi**

Marketing Manager

+1 610 458 3015

[Brian.Luzzi@videoray.com](mailto:Brian.Luzzi@videoray.com)

[www.videoray.com](http://www.videoray.com)

For Teledyne RDI information contact:

**Margo Newcombe**

Marketing Communications Manager

+1 508 539 6960

[mnewcombe@teledyne.com](mailto:mnewcombe@teledyne.com)

[www.rdinstruments.com](http://www.rdinstruments.com)