



Newsletter – *October 2012*

ASB Systems Pvt. Ltd.

Greetings!

In these modern times, we may talk about the most advanced of survey instruments, but the bottom-line is that it is a SONAR. Its basic job is to transmit and receive sound. And thus, the seemingly insignificant component called “Sound velocity” commands due respect!

Imagine that you are measuring things with a tape, which is bent or twisted in places. Just think about how wrong your measurements could be! And now think of a guy who lets you know on the details about these bends and twists. Voila! Your measurements are now as accurate as they can be....This “guy” is the Sound velocity measurement probe.

In short, a surveyor’s “Tool-bag” remains incomplete without a good Sound velocity probe. And a “Good” sound velocity instrument is what we are going to talk about here...

In this issue...



Importance
of Sound
velocity
underwater



Citadel CTD-NV
CTD ES/ER
TS-N
CT-EK

Tech Tips

Remote desktop
Application

Customer satisfaction is our prime objective



What do you expect from a SV instrument?

1. Rugged
2. Reliable
3. Accurate
4. Low maintenance



The TRDI Citadel CTD-NV has it all!

CTDs are used extensively around the globe for the measurement of temperature and salinity, but also for the important derived parameters of density and speed of sound.

Teledyne RDI is proud to introduce its new range of CTD instruments: the Citadel CTD (Conductivity, Temperature, and Depth) product line. The reliability and accuracy of TRDI instruments need no seconding.

The CTD-NV provides scientific-quality conductivity, temperature and depth measurement capability in an extremely rugged package. The Citadel CTD-NV is a fast sampling, fully integrated instrument platform with optional battery power, datalogging and external analog sensor input. The unit draws very low power and can run for 400 hours continuous on its 3 V battery pack.

The instrument also does not need to be calibrated yearly, and can be field cleaned without affecting factory calibration.

There are no pumps or fragile electrodes to ensure reliability in demanding marine environments.

The CTD-NV comes with a 500/7000 m housing option, and weighs below 6kgs in air, thus making it highly portable. It is also just 43 cms in length and 8 cms in width.



And then there's the Direct reading probe, the **CTD-ES/ER**.

Or, the **TS-N** Thermosalinograph.



The Citadel CTD-NH is a CTD with capabilities like external input, direct reading as well as internal data recording. Its unique design resists bio-fouling and allows easy in-field cleaning making it an instrument of choice for prolonged use.

Got a special requirement? The CT-EK will serve the purpose!

Citadel CT-EK Sensor provides high-accuracy conductivity and temperature measurements in a package that can be readily adapted to various user platforms.

Whatever be the application, there's a TRDI CTD available! Do contact us for more details...



Tech Tips

Remote desktop – A great support tool



A remote desktop software can connect to any PC or server around the world. It gives the user a capability to remote control another PC as if he were sitting right in front of it.

“Remote access” can also be explained as remote control of a computer by using another device connected via the internet or another network. This is widely used by many computer manufacturers and large businesses' help desks for technical troubleshooting of their customers' problems. There are various professional first-party, third-party, open source, and freeware remote desktop applications, some of which are cross-platform across various versions of Windows, Mac OS X, UNIX, and Linux.

The controlling computer displays a copy of the image received from the controlled computer's display screen. The copy is updated on a timed interval, or when a change on screen is noticed by the remote control software. The software on the controlling computer transmits its own keyboard and mouse activity to the controlled computer, where the remote control software implements these actions. The controlled computer then behaves as if the actions were performed directly at that computer. In many cases the local display and input devices can be disabled so that the remote session cannot be viewed or interfered with.

Various versions are available for free download on the internet; all designed to save you precious time and money. Try one out today!