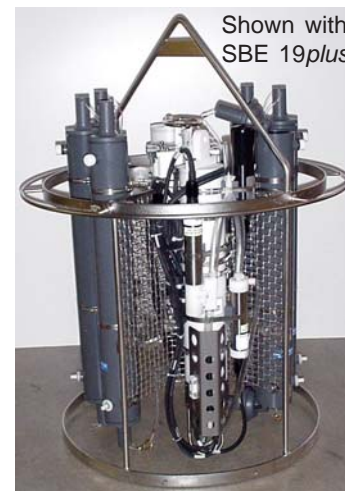


NEW SBE 55 ECO Water Sampler

The SBE 55 ECO Water Sampler is the ideal small-boat water sampler for coastal, estuarine, and large lake ecological monitoring. It is 673 mm in diameter, 1054 mm in height, weighs only 30 kg (without bottles or CTD), and is rated for depths to 600 meters. The ECO Sampler is light and economical and can be integrated with an SBE 19, 19*plus*, or SBE 25 CTD. It is available in 3-bottle or 6-bottle configurations with 4-liter ECO sample bottles, uniquely designed for the ECO Sampler. The ECO can operate on internal batteries and be programmed to close bottles at selected depths, allowing deployment with non-electrical wire or line. It also can be used with an SBE 33 Carousel Deck Unit for real-time CTD data and water sampling operation (requires electro-mechanical cable and slip-ring equipped winch).



NEW Plastic Housing Options

Sea-Bird has responded to significant increases in titanium prices by developing plastic housing versions of several of our instruments that were previously available only with a titanium housing:

- **SBE 37 MicroCAT CTDs** (-IMP, -IM, -SMP, -SM, -SIP, -SI) -- 250-meter *ShallowCAT* plastic housing
- **SBE 43 Dissolved Oxygen Sensor** -- 600-meter plastic housing
- **SBE 5M and SBE 5T Submersible Pumps** -- 600-meter plastic housing

These plastic housing options save money and weight for shallow deployments. Titanium offers the best durability with the least amount of care, and is always a wise investment. But when budgets demand it, these options let you put more instruments in the water for less money. See the data sheets for details; contact Sea-Bird for pricing.

NEW Moored Options for SBE 43 Dissolved Oxygen Sensor

The SBE 43 is now available with options that are particularly well-suited for moored applications:

- Thicker membrane -- The standard membrane is 0.5 mil thick, while the optional membrane is 1 mil thick. The advantages of the thicker membrane? Better durability and longer life. The disadvantages? Slower response time, requiring an increase in the amount of time the pump is run before each sample (with a resulting increase in power use).
- Black plenum and black Tygon tubing for plumbing -- The black plenum and plumbing reduce the light entering the plumbing; our research shows this significantly reduces bio-fouling. Clear Tygon tubing is still used for profiling applications.

NEW Plastic Shipping Cases

Heavy-duty plastic shipping cases with custom foam inserts are now available as an option for the following instruments:

- Hardigg AL4915-1105 for SBE 19*plus*, 25, or 9*plus* CTD in cage
- Storm iM2950 for SBE 37 MicroCATs (holds up to 4 MicroCATs, any type)
- Storm iM2600 for SBE 39 and 39-IM Temperature Recorders (holds up to 4 SBE 39s with external connector, 6 SBE 39s with internal connector, or 4 SBE 39-IMs)



Software and Data Analysis

After one year of testing in the field, Sea-Bird officially released **SEASAVE V7** in March 2007. SEASAVE V7 is an entirely new version of our real-time data acquisition software, with many improvements over SEASAVE-Win32. Future enhancements and support for new instruments will be added to SEASAVE V7 only, but SEASAVE-Win32 will still be provided on the CD-ROM that is shipped with our instruments and will also remain available on the website for downloading.

Website Tips (www.seabird.com)

Check out the following recent website additions:

- Application Note 84: Using Instruments with Druck Pressure sensors in Muddy or Biologically Productive Environments
- Application Note 85: Handling of Ferrite Core on Instruments with Inductive Modem Telemetry
- Application Note 86: Change to SBE 9plus CTD Bottom Contact Switch Connector (JB6)

To view these and other Application notes, pull down *Support* on our home page to select *Application Notes*.

Training

Our training curriculum has been expanded to 4 days (previously the fourth day was optional), with the addition of maintenance and repair topics. The class is hands-on in nature, and includes extensive *practice* using our instruments for real-time data acquisition and processing the data. The course syllabus and course handouts are available on our website; put your mouse over *Support* on our home page and select *Training*.

Customer Service and Technical Support Department Personnel



This group schedules calibration, maintenance, and repairs with customers; receives the equipment when it arrives at Sea-Bird and performs final checkout of the equipment before it leaves Sea-Bird; and responds to customer requests for help with instrument operation.

Front row (from left):

Mike Handewith (Customer service -- Administration technician)

Ryo Matayoshi (Customer service -- Administration technician)

Adam Shahan (Customer service -- Technical support)

Back row (from left):

Gary Morast (Supervisor)

Jeff Wymore (Customer service -- Technician / Technical support)

New Oceanographer Joins Sea-Bird Staff

We are pleased to welcome Dr. Carol Janzen to our Scientific staff. Carol earned her PhD in physical oceanography from the University of Delaware, and has over 20 years experience working on interdisciplinary observational studies in coastal and estuarine environments. She completed a Post-Doc position at the University of Wales, Bangor (U.K.), and most recently held a position as Assistant Research Scientist with the School of Marine Sciences at the University of Maine. Carol's knowledge and use of Sea-Bird instruments began in the late 1980s and early 1990s, when she was an oceanographer at the Washington State Department of Ecology.

Carol is applying much of her efforts in our Research and Development group, working on performance assessment for new sensors. Additionally, Carol is assisting our Customer Service group with analysis of customer data, and will bring her scientific experience to the support of our sales and marketing efforts



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