

SeaView Systems SVS-603/603HR References and Certifications

SeaView's SVS-603 Wave Sensors are the worldwide leader in compact, comprehensive, low power wave sensors. The SVS-603 and SVS-603HR have been deployed on a wide range of buoy hulls ranging from less than 0.75 to 6.0 meters as well as other platforms including surface and underwater autonomous vehicles. It has recorded 15m waves on an ocean buoy during a typhoon and also centimeter waves on a drifting ice floe in the Arctic Ocean. SVS-603 and SVS-603HR wave sensors have been deployed near-shore and open-ocean around the world as well as in many Great Lakes deployments.

Customer quotes:

"After careful comparison with a bottom mounted AWAC sensor, SeaView's SVS-603 has been shown to be accurate, reliable and economical and has motivated us to upgrade the wave sensors in all of our buoys for the 2018 season. Our clients and customers have high expectations for accuracy and reliability and the SVS-603 allows us to provide accurate, up-to-date measurements of wave conditions." Ed Verhamme, **LimnoTech** (USA)

"We have been using the SeaView SVS-603 since 2016 to provide accurate wave measurements on a number of buoys including a deployment that has been in continuous operation for nearly five years without disruption, downtime, or stoppages. The SVS-603 has performed admirably throughout these deployments including accurately measuring storm waves in excess of 10 meters. It has proven to be a dependable workhorse on which we can rely for complete, accurate wave measurements." Charlotte O'Kelly, **TechWorks Marine** (Ireland)

"All wave sensors are working perfectly and communication with our datalogger is 100% reliable. Data collected is very good!" **European Buoy Network Provider**

"SeaView's SVS-603 wave sensor is a great fit for our buoy network based on many factors including the range of parameters and ease of configuration it provides. SeaView's technical support was accessible, responsive and exemplary and helped facilitate our integration process immensely." **Buoy System Integrator**

"When paired with the SVS-603 wave sensor (the NexSens CB-Series line of data buoys) delivers real-time wave observation data at a price point that was not commercially available until now." Paul Nieberding, **Fondriest Environmental** (USA)

"Because of the extremely low power requirements and wide operating voltage range of this technology we can implant this into small platforms that traditionally could not carry the battery and solar panel requirements of last generation sensors." **Buoy System Integrator**

"In a comparison with the SeaView SVS-603 mounted directly on a dedicated wave buoy, the results produced by the SVS-603 provide a very good match at a fraction of the cost, with much

lower power consumption, smaller form factor, and greater mounting flexibility.” **Buoy System Integrator**

“The SVS-603 provides reliable, robust data. The model implementations devised by SeaView do a great job of reducing or eliminating the anomalies that often occur with more basic algorithms.” **Buoy System Integrator**

Customers include:

Cawthron Institute	U of Connecticut	IOTech
Mobilis	OSIL	Zhejiang Titan Technologies Corp
Planet Ocean	Environmental Research Lab (NOAA - GLERL)	NRS Mühendislik A.Ş
Teledyne Benthos	TechWorks	Korea Institute of Ocean Science and Technology
LimnoTech	Fetch Ingenierie	nke Instrumentation
University of Alaska (Fairbanks)	Cooperative Institute for Great Lakes Research (CIGLR)	NexSens Technology
Sino Instruments	Fondriest	Oceasian Technology Co LTD
National Taiwan University	ETech UAE	Seatech Co LTD
Observator	NOAA - Chesapeake Bay	intellisense SYSTEMS
InnovaSea	Michigan Tech University	Unique System FZE
National Oceanic and Atmospheric Administration (NOAA) Great Lakes	Booz Allen Hamilton	JFC Marine
Shanghai P-Nav Scientific Instruments Co., Ltd	Lockheed Martin	US Military
Irish Lights	Tridel Meteorology	MicroStep-MIS
	Woods Hole Group	

and many more...

The SVS-603 and SVS-603HR wave sensors are manufactured in a state-of-the-art, US-located facility that is certified to the following standards:

ISO13485: Medical Device Industry standard

Certified ISO13485:2016 specifies a comprehensive and demanding quality management system for the manufacture of medical devices, guaranteeing conformity with the necessary regulatory requirements for medical PCB assembly.

AS9100: Aerospace Industry standard

AS9100D “Quality Systems Aerospace – Model for Quality Assurance in Design, Development, Production, Installation, and Servicing” is the international standard for manufacturing for the aerospace

industry.

UL Registered

The facility has been Registered by UL to the International Organization for Standardization (ISO) 9001 Series Standards

ISO9001: Quality Management System

The most widely recognized standard is the ISO9000 series, a basic quality management system that can be used in industries of any size, anywhere in the world. Registration to ISO9001:2015 illustrates an effective quality management system with a strong customer focus.

ISO/IATF 16949

The International Standard for Automotive Quality Management Systems which emphasizes the development of a process-oriented quality management system that provides for continual improvement, defect prevention and reduction of variation and waste in the supply chain.