

SeaView Systems SVS-603 References and Certifications

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

"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)

"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."

"Deployments approaching three years in duration recorded waves greater than 10m. We are really happy with your product."

"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."

"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."

Customers include:

Cawthron Institute	University of Alaska (Fairbanks)	National Oceanic and Atmospheric Administration (NOAA)
Mobilis	Sino Instruments	Great Lakes Environmental Research Lab (NOAA - GLERL)
Planet Ocean	National Taiwan University	TechWorks
Teledyne Benthos	Observator	
LimnoTech	InnovaSea	

Fetch Ingenierie	Booz Allen Hamilton	Superior Watershed Partnership
Cooperative Institute for Great Lakes Research (CIGLR)	Lockheed Martin	nke Instrumentation
Ocean Origo AB	Tridel Meteorology	NexSens Technology
ETech UAE	Zhejiang Titan Technologies Corp	Oceasian Technology Co LTD
NOAA - Chesapeake Bay	NRS Mühendislik A.Ş	Seatech Co LTD
Michigan Tech University	Korea Institute of Ocean Science and Technology	

and many more...

The SVS-603 Wave Sensor is 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.

ITAR Registered: Defense Industry standard

Enforced by the Department of State, ITAR is a set of regulations controlling the export and import of defense-related materials. It restricts access to information for the design and building of sensitive military and intelligence technologies.

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.