

## SeaView Systems SVS-603 and SVS-603HR 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	LimnoTech	Observator
Mobilis	University of Alaska (Fairbanks)	InnovaSea
Planet Ocean	Sino Instruments	National Oceanic and Atmospheric Administration (NOAA)
Teledyne Benthos	National Taiwan University	

Great Lakes Environmental  
Research Lab (NOAA -  
GLERL)

TechWorks

Fetch Ingenierie

Cooperative Institute for  
Great Lakes Research  
(CIGLR)

Ocean Origo AB

ETech UAE

NOAA - Chesapeake Bay

Michigan Tech University

Booz Allen Hamilton

Lockheed Martin

Tridel Meteorology

Zhejiang Titan  
Technologies Corp

NRS Mühendislik A.Ş

Korea Institute of Ocean  
Science and Technology

Superior Watershed  
Partnership

nke Instrumentation

NexSens Technology

Oceasian Technology Co  
LTD

Seatech Co LTD

**and many more...**

The SVS-603 and 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.