

SeaView Systems SVS-603HR References

SeaView's family of SVS-603 wave sensors, including the augmented SVS-603HR, are the worldwide leader in compact, comprehensive, low power wave sensors. The SVS-603HR has 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. The SVS-603HR wave sensor has 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-603/603HR have been shown to be accurate, reliable and economical and has motivated us to upgrade the wave sensors in all our buoys for the 2018 season. Our clients and customers have high expectations for accuracy and reliability and the SVS-603HR allows us to provide accurate, up-to-date measurements of wave conditions." Ed Verhamme, **LimnoTech** (USA)

"We have been using the SeaView SVS-603/603HR 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-603HR 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-603HR 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-603HR 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
Observer	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
Blue Aspirations	Woods Hole Group	SIAP+MICROS
UST21 Inc.	USACE	US Bureau of Reclamation
Navmoor	NAVTRON SL	ROBODYNE SRL
Acoustic Abyss Technology Ltd.	UW-M School of Public Health	GeoSR
Guangzhou Ruihai Ocean Tech	Sagar Defence Engineering	Qingdao Watertools Tech
	Ørsted	ThayerMahan, Inc.

and many more...