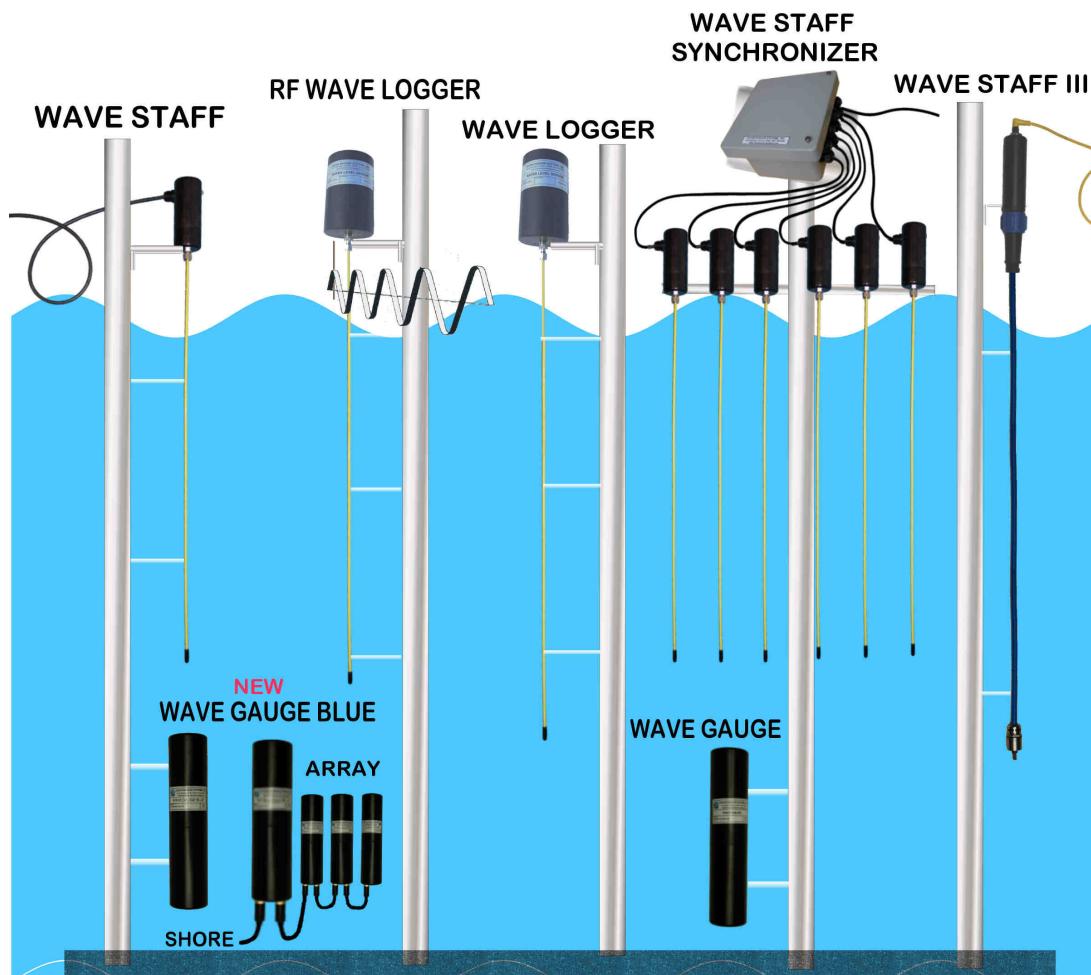




SWALE OCEANOGRAPHIC

Ocean Sensor Systems - *Wave Recorders*

- Self-logging recorders or simple staff sensors
- Continuous recording for many months
- Pressure or capacitive technology
- Sensor arrays for independent determination of direction
- Submersible or topside
- Field or laboratory use
- Interface software for configuration & display
- Optional telemetry, solar power and temperature channel



Submersible Self-logging Gauges (pressure transducer)

- PC Interface Software to Configure, Monitor and Display Raw & Processed Data.
- Up to 64GB Compact Flash Card Storage
- Extremely Accurate Real Time Clock Maximum $\pm 2\text{ppm}$
- Programmable via RS232 or, Wireless Bluetooth
- Flush Hastelloy Diaphragm, ABS Plastic Housing
- Power with 12 or 28* C-size Alkaline Batteries (*extended housing)
- Months to years of Continuous Operation
- Sample Rate from 2 Hz to 32Hz
- Burst or Continuous Sampling
- Accuracy $\pm 0.05\%$ FS, -10°C to 65°C
- Resolution 0.0033% of Full Scale
- Long Term Stability $\pm 0.05\%$ FS
- Standard depth ratings: 10m, 30m, 100m
- Dimensions: 88mm \varnothing x 368 / 573mm
- Optional Features:
 - Sensor Array (<15 external transducers), Shore Link, RS485, Water Temperature

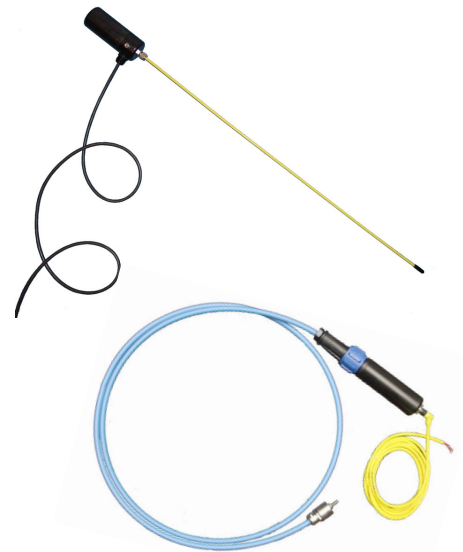
Wave Gauge: OSSI-010-003C
Wave Gauge Blue: OSSI-010-022
Array Sensors: OSSI-014-001/2



Surface Self-logging Gauges (Capacitive staff)

- PC Interface Software, fully Programmable via RS232
- Compact Flash Card Data Storage up to 2GB
- Binary or ASCII Data Format
- Sample Rate Up to 30Hz
- Burst or Continuous Sampling
- Months of Continuous Operation, Years of Burst Operation
- 4 C-size Alkaline Batteries
- Rugged Sealed Waterproof Design
- Interchangeable Teflon Staff up to 11m
- Accuracy $\pm 0.25\%$, 20-80% of Full Scale
- Accuracy $\pm 1.0\%$, 0-100% of Full Scale
- Linearity 0.25%, 20-80% of Full Scale
- Resolution 0.025% FS
- RS-232 or Analogue output
- Programmable Alarm points
- Optional Features
 - Data Controller for <6 wave staffs, Air Temperature Logging, Solar Power, RF Telemetry

Wave Logger III: OSSI-010-010
Wave Staff III: OSSI-010-008
Wave Logger: OSSI-010-004
Wave Staff: OSSI-010-002E
Staff Synchronizer: OSSI-010-012



SWALE TECHNOLOGIES Ltd

Unit 51G, Rm48 Whitehill & Bordon Enterprise Park, Budds Lane, Bordon, GU35 0FJ, UK
Tel: +44 (0)1420 473334 Email: Sales@swaletechnologies.com www.swaleocean.co.uk