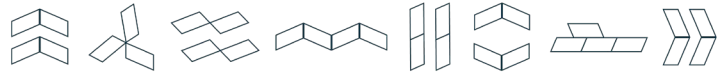# NASNet® MkII Station

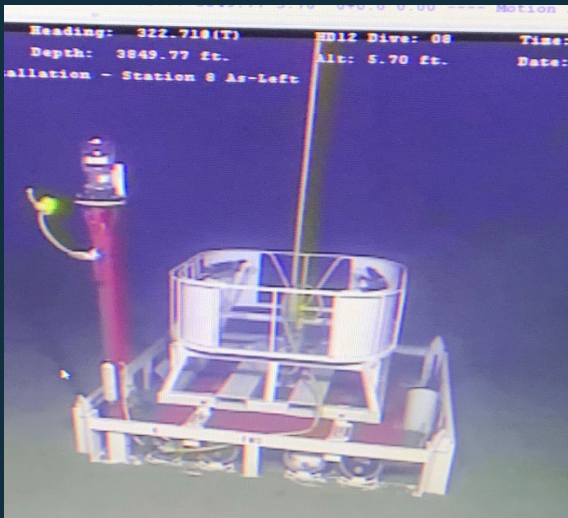**Accurate long term positioning from seabed to surface**

Designed to be deployed on the seabed in networks, NASNet® Stations provide extremely long range acoustic coverage, making accurate full field positioning coverage operationally and economically viable.

NASNet® overcomes the limitations of conventional Long Baseline (LBL) positioning systems and provides a true multi-user system, able to simultaneously position unlimited objects at fast update rates with no acoustic interference.

For further information, email
sales.nautronix@imenco.com
NHQ-MS-027 Rev 25 Dec 2024

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SMART SOLUTIONS

NASNet® MkII Station

Accurate long term positioning from seabed to surface

Advantages

- Ideal solution for subsea ROV and structure positioning for deepwater construction
- Full field coverage for life-of-field
- Extreme long range capability for wide are coverage with fewer seabed assets
- Fully compatible with all NASNet® functions
- Acoustic Digital Spread Spectrum (ADS^2)
- True multi-user positioning for unlimited tracked objects
- Fast update rate in any water depth
- No acoustic interference
- No frequency management issues
- Long battery life for reduced battery servicing

Technical Specs

Operating frequency	10 kHz with a 3 kHz spread, Acoustic Digital Spread Spectrum (ADS^2)	
Power output	Configurable 157-196 dB re 1 µPa	
Depth rating	3500 msw	
Depth sensor	Valeport Mini IPS, 300 bar, accuracy ± 0.01% FS	
Operational battery life (at 5 second pulse rate)	Output Power 180 182 184 186 188 190	Days (continuous) 1603 1161 808 545 359 234
NASNet® Station Sled	Part number: 8006-9300 Ext dimensions: 2185 x 2285 x 765 mm Weight: 1700 kg in air / 1300 kg in water	
NASNet® Buoy Assembly	Part number: 8006-9800 Ext dimensions: 1558 x 1278 x 1728 mm Weight: 734 kg in air / net buoyancy 332 kg in water	
Buoy transport frame	Weight: 200 kg in air	
NASNet® Umbilical	Part number: 8006-9700 Dimensions: 100 m (length) Weight: 65 kg in air / 20 kg in water	

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