



NRU 1C | NODAL RECORDING UNIT

The NRU-1C™ is a 1C autonomous nodal seismic recording unit with 24-bit digitization, internal and/or external battery, internal or external geophone, integrated high sensitivity GNSS/GPS, and high-speed USB download, and BLE “health and status” transmission. The unit is enclosed within a robust two-part, water-proof Lexan assembly, held together with locking rings, with four stainless steel MIM protrusions, 2 for data download, and 2 for battery charging.

NRU 1C



PRODUCT FEATURES

- GNSS-GPS, Glonass, Galileo
- DGPS Capability
- All-in-One Node – 600g (w/10Hz HS phone)
- High Speed Data Download via USB
- Highly Visible LED Status
- 13.2 Ah Li-ion Battery
- Unit/Sensor Status via BLE™ (Bluetooth Low Energy)
- Internal Geophone or External Geophone String via KCK Lower Housing
- 24-Bit Sigma Delta
- Industrialized 8-64GB Micro SD Data Storage
- Geophone – 10hz, 5hz, 2hz or KCK Option

ADVANTAGES

- Lower Price than Competition
- Significantly Lower Operating Costs
- Light Weight and Low Power Consumption
- Exceptional Operating Ecosystem, Including Near Real-Time Health and Status Data Collection
- All-in-One Recording Sensor – Electronics, Geophone, and Battery
- USB Fast Data Download
- Consistently High-Quality Ground Coupling, EarthGrip™ – Higher Signal & Lower Noise Levels
- Designed for Automation of Receiver Deployment and Retrieval
- Precision DGPS Coordinates from NuSeis Nodes

RESULTS

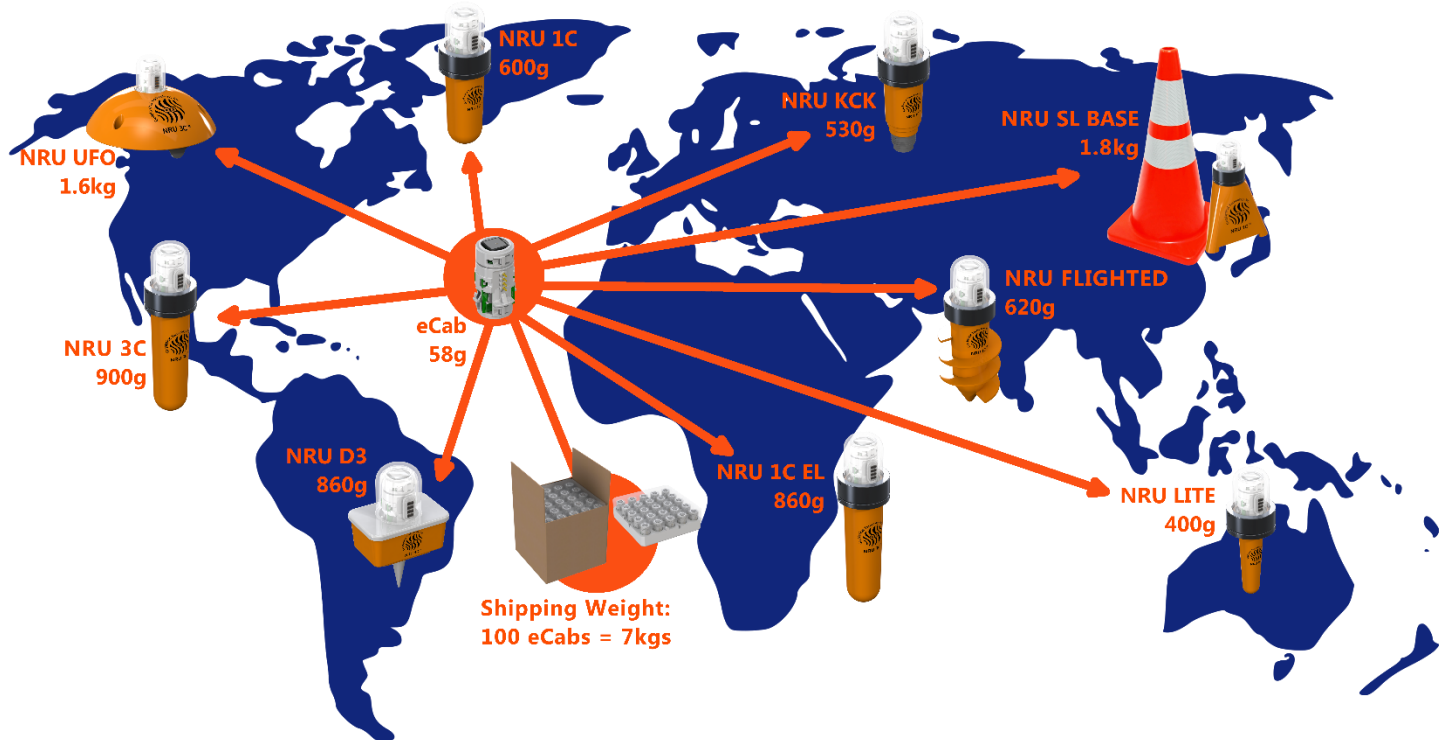
- Decreased Operating Costs
- Decreased Work Hours
- Minimal Environmental Impact
- Better Data Quality
- Pressure Tested to 2000ft Water Depth



NRU 1C | Transformer NuKit Options

The NRU-1C™ is designed so that the 58-gram electronic PCB cabin, the brain of the device, can be quickly removed from the node and placed into another NuSeis formfactor with a Transformer NuKit. To achieve this, NuSeis customers can purchase the Transformer NuKit that they desire to use on a project and then transform their nodes in minutes. All of the NuSeis transformer options utilize the same NuSeis Ecosystem hardware and software, making NuSeis both the most economical and versatile autonomous nodal seismic technology in the geophysical industry.

NuSeis Transformation





NRU 1C



Weight **600 g**
Duration **46 days**

NRU KCK



Weight **530 g**
Duration **46 days**

NRU LITE



Weight **400 g**
Duration **18 days**

NRU FLIGHTED



Weight **620 g**
Duration **46 days**

Above data assumes use of 10Hz HS geophone and 12 hours/day recording durations. The Kit Costs are the costs to convert an NRU 1C to each respective formfactor.



NRU D3



Weight **860 g**
Duration **92 days**

NRU UFO



Weight **1.6 kg**
Duration **80 days @-30C**

NRU EL



Weight **860 g**
Duration **92 days**

NRU SL BASE



Weight **1.8 kg**
Duration **46 days**

Above data assumes use of 10Hz HS geophone and 12 hours/day recording durations. The Kit Costs are the costs to convert an NRU 1C to each respective formfactor.