



# NORBIT

## Do More, Faster, with Real-Time 4D Construction Monitoring.

The first turn-key real-time dredge and placement underwater monitoring system geared to pay for itself within days or weeks of use on your active underwater infrastructure project. Complete kit also available with mounting pole, folds up into three airline-checked baggage (if pole is included) and, once on-site, mobilization happens in a couple of hours to unveil real-time underwater conditions for increased dredging or placement efficiency. Real-time depths span a horizontal coverage of 5-12x water depth and are displayed with respect to design template. Dredge to within ~3cm with RTK aided GNSS and with real-time sound speed refraction corrections.

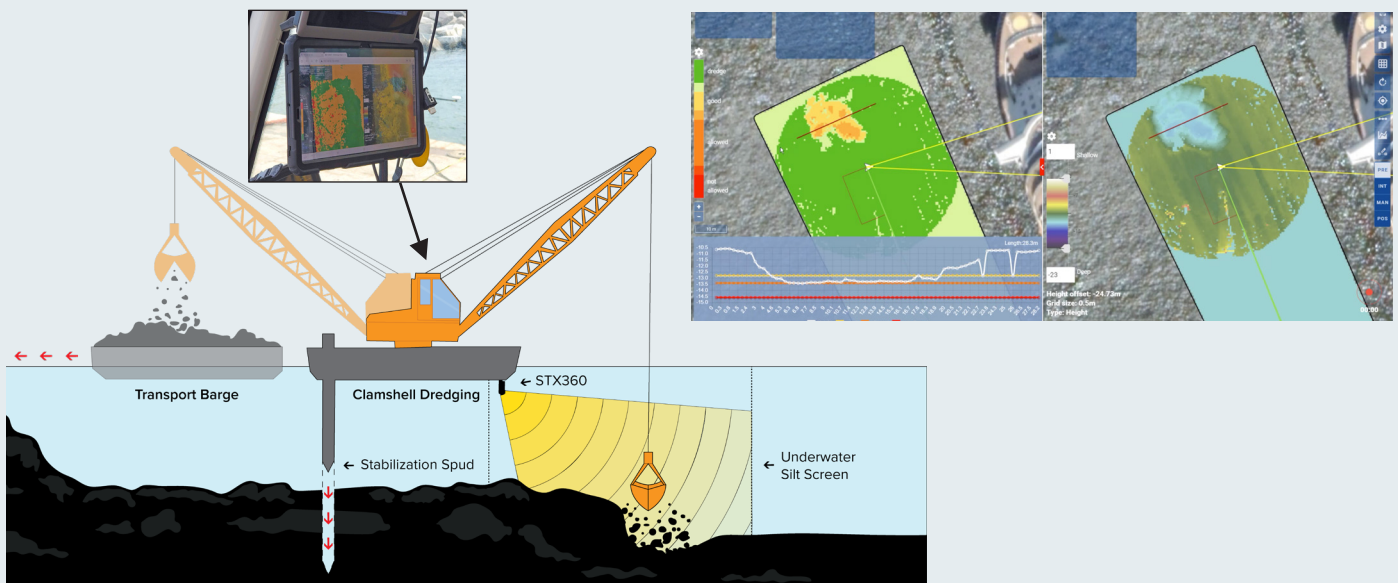
Simple touch-screen user interface allows operators the confidence of knowing what lies beneath. No keyboards, mice or complex software options or hardware boxes and wires in the operator's cabin. Significantly increase operator cycle-times in addition to significant reductions in placement material costs. For dredging, maximize allowable over-dredge volumes or avoid over-dredge penalties. If necessary, all common format data may be pipelined to your software of choice (ClamVision, Qinsy, Qimera, PDS2000, Hypack, Caris, QGIS, etc.)



NORdredge is sold with NORBIT's STX sonars.

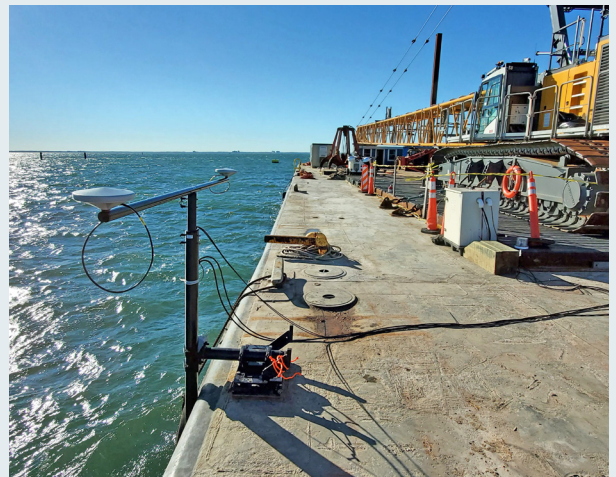
## Solutions to current inefficiencies:

- Ability to monitor material drifting into newly dredged areas
- Properly located (horizontal and to-grade) placed material
- No delays waiting for survey before known surface is uploaded to dredge cab
- Reduce/eliminate dredge moves to re-work areas after traditional survey
- Integrate with existing systems and software (Clam Vision, Hypack, QINSy, etc.) or use stand-alone



## NORdredge Features

- Works with any local WiFi touchscreen display (eg. tablet)
- Differential display for dredging and placement
- Profiling tool
- Refraction correction and RTK ready (no need for tide gage)
- Boom-tip position input & display
- Instant interface to GIS (QGIS, ArcGIS, etc. with WMS & WFS)
- Stations coordinates, GeoTiff and Template support
- Real time full resolution XYZ generation
- Real time s7k export



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