

# MARINE CONSTRUCTION

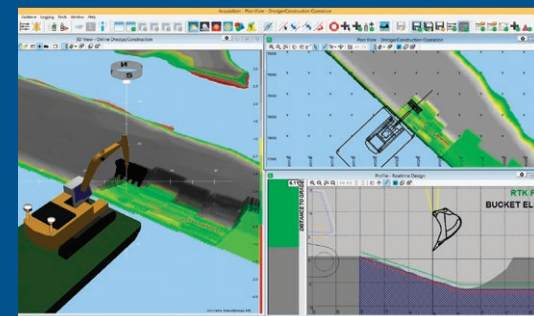
# EYES BELOW THE WATERLINE

ACCURATE REAL-TIME VISUALISATION AND POSITIONING

## TRIMBLE MARINE CONSTRUCTION (TMC) SYSTEMS

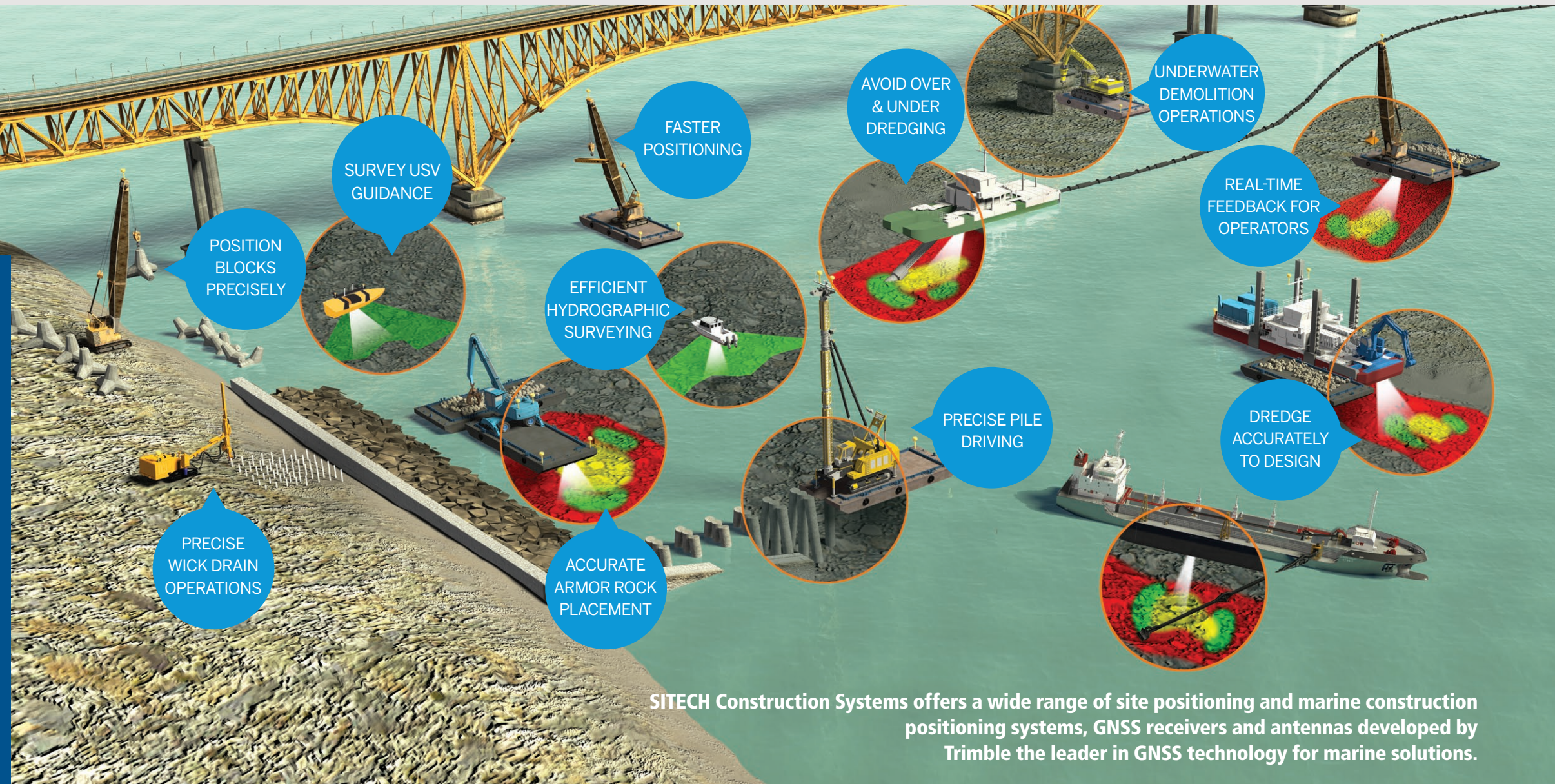
Improve productivity and efficiency in underwater marine construction applications including dredging, crane operations, piling and hydrographic survey. TMC provides accurate 3D Visualisation to assist the operator with underwater construction tasks.

Ask about optional integrated sonar for real-time verification.



## OUR MARINE SYSTEM APPLICATIONS INCLUDE:

- Dredge positioning and guidance (Backhoe Excavator, Bucket Dredger, Cutter Suction Dredger, new Trailing Hopper Suction Dredger, Grab/Clamshell Dredger)
- Placement (Coastal Defence Rock Dumping and Placement, Caisson Placement, Block Placement using Wire crane or Excavator, Vertical and Raked pile placement)
- Hydrographic survey (Single beam or Multibeam) environmental data collection for applications such as channel maintenance, dredging progress, environmental surveys, and bed erosion
- Positioning and tracking of barges, tugs and other construction vessels



SITECH Construction Systems offers a wide range of site positioning and marine construction positioning systems, GNSS receivers and antennas developed by Trimble the leader in GNSS technology for marine solutions.

## TRIMBLE MPS566 MARINE GNSS

The Trimble MPS566 is a highly versatile, rugged and reliable Global Navigation Satellite System (GNSS) marine positioning solution. Features maximum connectivity—Bluetooth, Wi-Fi, UHF radio, cellular modem and two MSS satellite correction channels.



## GNSS MODULAR RECEIVERS

Save time, money and headaches with the R750 connected base station solution, includes remote monitoring and alerts, an internal radio and rover capability.

The BX992 GNSS Heading Receiver is a dual-antenna GNSS receiver offering precise heading capability and multi-frequency support for all known constellations.



## GNSS ANTENNAS

Trimble offers several models of GNSS antennas to suit your specific application, signal tracking and budget requirements including the SPS785 and R780.



## GNSS CORRECTION SOURCES

Your GNSS operations are only as good as your correction source. It's important, so we let you choose the right one for you. Larger sites may need a local GNSS base station for the highest precision, smaller sites may opt for a virtual correction source.



## MARINE INERTIAL POSITIONING SYSTEM

The Trimble Marine Inertial Positioning System is a compact dual antenna system that provides robust and precise 3D position and orientation data in the most challenging of marine environments.



## GNSS RADIOS

Trimble radios offer flexible configuration options and rugged reliability for efficient use of GNSS on the construction site.

