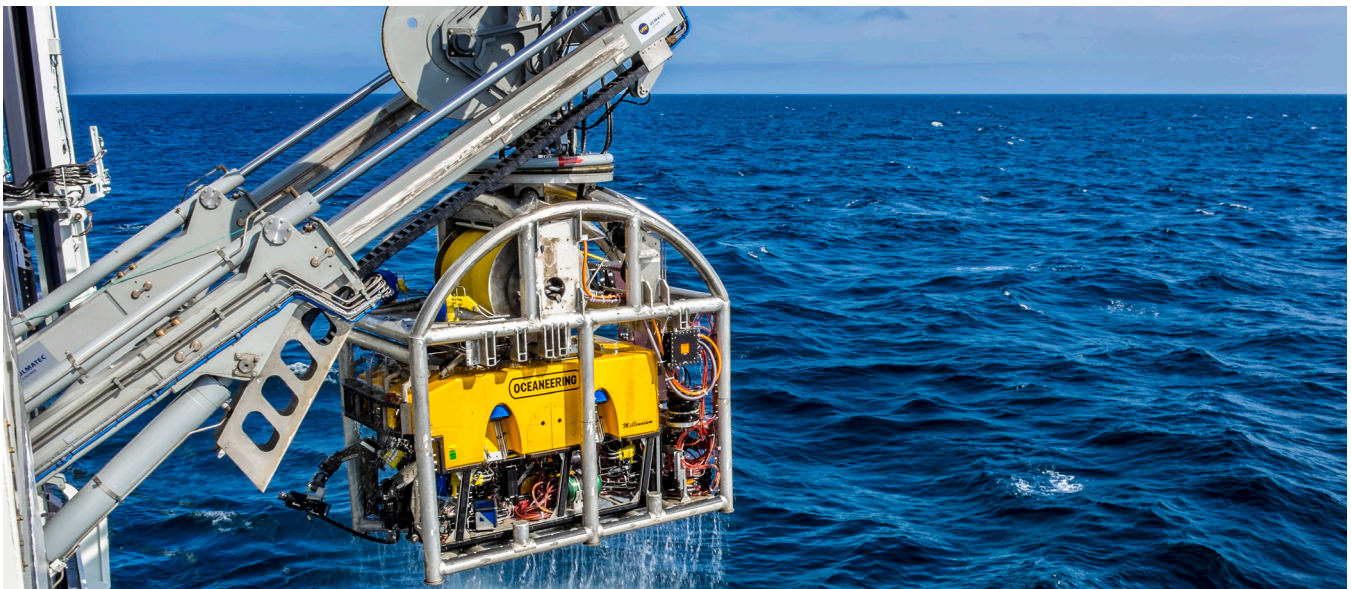


# Remotely Operated Vehicle (ROV) Positioning



Oceanearing uses both ultra short baseline (USBL) and long baseline (LBL) subsea positioning techniques to complete ROV positioning operations.

USBL systems calculate the position of a subsea target by measuring the range and bearing from a vessel mounted transceiver to an acoustic transponder fitted to the target. Range data is combined with vessel attitude, heading, and GPS information

to calculate a position of the target transponder.

Effective ROV positioning is essential to completing efficient subsea operations and is a key factor to avoiding catastrophic damage to critical subsea infrastructure.

Oceanearing ROV positioning solutions are standard on all of our ROVs, autonomous underwater vehicles (AUVs), and diving vessels.