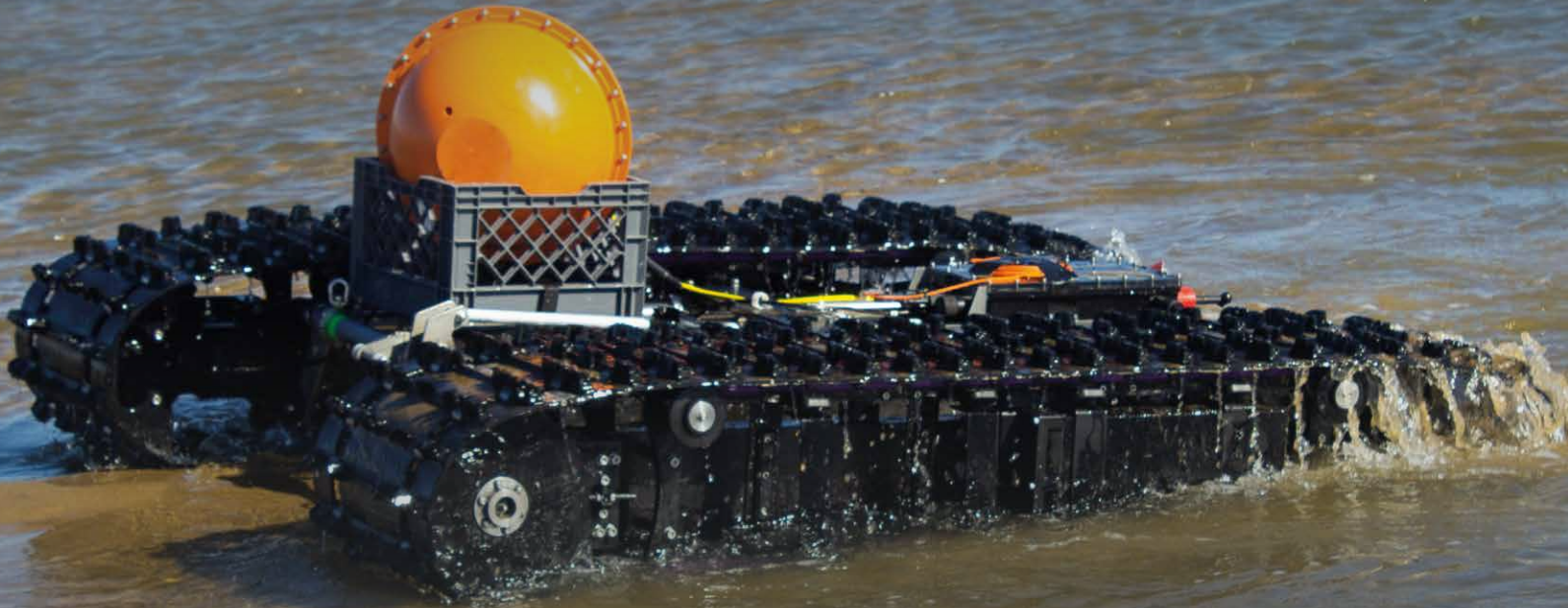


BAYONET 350

DATA SHEET



BAYONET
OCEAN VEHICLES



BAYONET 350

High payload, modular autonomous crawling robot performs a vast range of tasks in beach, surf or deep-water conditions

BAYONET OCEAN VEHICLES

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BAYONET 350
TECHNICAL DATA

STANDARD DIMENSIONS	5 x 6 x 1 ft (1.5 x 1.8 x 0.3m)
WEIGHT	600 lbs (272kg) Modular, fits in Subaru
DEPTH	109 yards (100m)
RANGE	38km+ @ 1.8km/hr 64km+ at slower speeds Cable laying ~15km
SPEED	1.8km/hr
DECK CAPACITY	350 lbs (159kg)
PLOW DEPTH	6-in to 2-ft (10.15 to 0.6m)
NAVIGATION POSITIONING SUBMERGED POSITIONING HEADING DEPTH	Greensea GS4 INS GNSS Receiver (Dual RX and RTK Options) 0.5%dt CEP50 (dvl aiding) <2.0deg typ (<0.25deg typ w/ transit alignment) Depth: 0.1m RMS
COMMAND AND CONTROL SOFTWARE	OPENSEA, Greensea Workspace user interface, Greensea EOD and Pro Workspace (options)
COMMS OPTIONS - BURIED FO CABLE - AUTONOMY - UUV - RF BUOY - MAST - ACCOUSTIC COMMS	High bandwidth: OS2 3mm, 225-lb tensile, 100Gb ethernet at 10km, Secure, Safe - Buried 5mm cable: 36 x 6x 24-in reel carries 15km Post mission data recovery; data pod 2 terabyte Transfer 20 km+ 2 terra byte Electrical or fiber optic 19-ft, RF link 10mB 2,000m max likely far less
BURIED FIBER OPTIC COMMUNICATIONS CABLE - HIGH BANDWIDTH	OS2 3mm, 225-lb tensile, 100Gb ethernet at 10km, Secure, Safe - Buried (2- 24-in). 5mm cable: 36" diam x 6" core x 24" high reel carries 15km Invulnerable to battle damage

BAYONET 350
TECHNICAL DRAWING

Specifications subject to change
without notice.

