

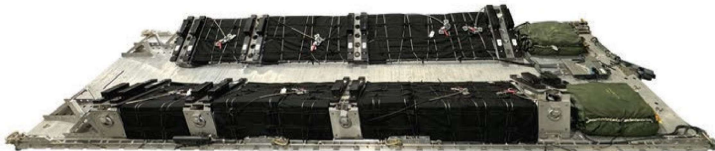
Universal Maritime Craft Aerial Delivery System (UMCADS)

ADAPTED FOR USE WITH A WIDE RANGE OF CRAFT

UMCADS enables the warfighter to safely deploy their watercraft and equipment tactically at range, day or night. Provided as a system by Capewell inclusive of parachutes, ancillaries, and user training. With a global reputation for premium quality and the most reliable aerial delivery products, Capewell has developed an assured aerial delivery system that enables mission success.

FEATURES AND BENEFITS

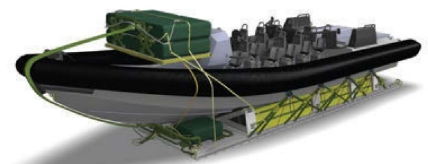
- Modular with commensurate payload clearances for in-service NATO Type V platform for watercraft up to 12.5m in length and 42,000lb [19,050 kg] AUM, subject to engineering analysis. Watercraft larger than 12.5m in length will be assessed on a case-by-case basis
- Universally capable and adaptable (interoperable with land, maritime and air releasable payloads)
- Universally compatible with C17, C130, A400M, KC390 and C2 aircraft
- 100% reusable and user operated, serviced, and maintained
- Unique patent pending features*



Actual UMCADS Platform



EXAMPLES OF UMCADS COMPATIBLE & CONFIGURED CRAFT



Boomeranger — Air Drop RIB



SubSea Craft VICTA



Kraken — K3 Scout



Whiskey Project Group — Alpha



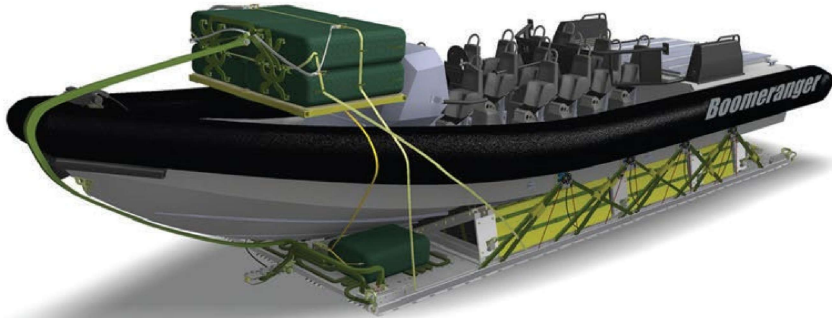
Zodiac MilPro — RHIB

* The following patent applications are currently pending before the United States Patent and Trademark Office (USPTO), and are entitled, "Universal Maritime Craft Aerial Delivery System (UMCADS)," (Application No. 18/165,585 and Application No. PCT/US23/62125, respectively, both filed 7 February 2023) and "Mid-Air Release Module Assembly," (Application No. 18/393,115 and Application No. PCT/US23/85525, respectively, both filed December 21, 2023).

PRODUCT DATA SHEET

Universal Maritime Craft Aerial Delivery System (UMCADS)

UMCADS CONFIGURED WITH BOOMERANGER AERIAL DELIVERY RHIB



UMCADS

UMCADS is just one system from the Capewell Next Generation Aerial Delivery System (NGADS) portfolio. The system enables the warfighter to safely deploy their watercraft and equipment tactically at range, day or night. Capewell provides a system inclusive of parachutes, ancillaries, and user training. With a global reputation for premium quality and the most reliable aerial delivery products, Capewell has developed an assured aerial delivery system that enables mission success.

BENEFITS

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BOOMERANGER ADR TECHNICAL SPECIFICATIONS

- Material: Composite
- Length: Up to 12m
- Beam (Inflated): 3.5m
- Beam (Deflated for transport): 2.7m
- Max speed full load: 50kn
- Operating range: >250NM
- Fuel tank size: 1,150l
- Engines: Customer specified - Outboard / Waterjet



Boomeranger Boats Oy
Troolitie 12, FI-07910 Valko, Finland
Business ID FI08606998

Boomeranger
SAFE RETURNS

2. Capewell
105 Nutmeg Road South, South Windsor, CT 06074
860.610.0700 |

CAPEWELL
A HEICO COMPANY

Universal Maritime Craft Aerial Delivery System (UMCADS)

UMCADS CONFIGURED WITH "VICTA", SUBSEA CRAFT'S DUAL DOMAIN CRAFT THAT DELIVERS OPERATORS, PAYLOAD AND EFFECTS INTO CONTESTED ENVIRONMENTS



UMCADS

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VICTA PLATFORM

Surface Endurance:	250 mm
Surface Speed:	40 kts
Transition Time:	2 minutes
Subsurface Speed:	6 kts
Subsurface Endurance:	25 nm
Crew:	2
Operators:	6
More: Fits within a 40ft ISO container and weighs under 9.5 t	

VICTA KEY FEATURES

Digital Control System

- Ease of use: Reduce the cognitive burden
- Future proofed: Ensure technology superiority
- Control: Manned, Remote & Autonomous

Discrete Maritime Operations

- Force packaged: Independent or in company
- Over the Horizon (OTH) Asset
- Optimized for MUM-T operations

Operation Centric Design

- Customizable User Interface.
- Haptically enabled piloting
- Scientifically proven, performance preserving seats

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SubSea Craft
The Camber, East St, Old Portsmouth,
Portsmouth, PO1 2JJ, United Kingdom



3. Capewell
105 Nutmeg Road South, South Windsor, CT 06074
860.610.0700 |



Universal Maritime Craft Aerial Delivery System (UMCADS)

UMCADS CONFIGURED WITH KRAKEN K3 SCOUT UNMANNED SURFACE VESSEL



UMCADS

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K3 SCOUT PLATFORM

Length Overall	8.4m
Beam Overall	1.9m
Draft Overall	0.8m
Max Displacement	2,500kg
Powertrain	Twin Diesel - Stern Drive
Max Speed	50kt
Range	650NM at 30kts
Endurance	30 days - mission dependent
Crew	Autonomous
Structure	Composite
Payload	600kg
Operating Dept	Surface

K3 SCOUT FEATURES

Reduced signature design

- End-user configurable modular payload
- Autonomous and advanced remote operation
 - Auterion operating system
 - Open interfaces to autonomy
- User defined C5ISR fit (optional)
- K3 SCOUT Heavy, Electric and RHIB options
- Pilot Module (optional)
- Sensors
 - EO
 - Radar
 - Sonar (optional)



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Kraken Technologies Ltd.
Uk House, 4th Floor, 164-182 Oxford Street,
London, W1D 1NN, United Kingdom

KRAKEN

4. Capewell
105 Nutmeg Road South, South Windsor, CT 06074
860.610.0700 |

CAPEWELL
A HEICO COMPANY

Universal Maritime Craft Aerial Delivery System (UMCADS)

UMCADS CONFIGURED WITH ZODIAC MILPRO RHIB



UMCADS

UMCADS is just one system from the Capewell Next Generation Aerial Delivery System (NGADS) portfolio. The system enables the warfighter to safely deploy their watercraft and equipment tactically at range, day or night. Capewell provides a system inclusive of parachutes, ancillaries, and user training. With a global reputation for premium quality and the most reliable aerial delivery products, Capewell has developed an assured aerial delivery system that enables mission success.

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ZODIAC MILPRO SPECIFICATIONS

- Hull Fabrication Material: Aluminum or Composite
- Length Overall**: From 6 to 13 m
- Width Overall**: Custom Build
- Speed Capability**: Up to 70 knots
- Typical Lightship Weight**: Custom Build
- Maximum Displacement: Custom Build
- Maximum Number of Persons**: Custom Build
- Maximum Power Installation: outboard, Inboard, Propeller,
- Sterndrive, Surface drive Waterjet

(**) Vary with configuration

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Zodiac MilPro
55 bis rue de Lyon
75012 Paris, FRANCE

ZODIAC
MILPRO

5. Capewell
105 Nutmeg Road South, South Windsor, CT 06074
860.610.0700 |

CAPEWELL
A HEICO COMPANY

Universal Maritime Craft Aerial Delivery System (UMCADS)

UMCADS CONFIGURED WITH MULTI-MISSION RECONNAISSANCE CRAFT FROM THE WHISKEY PROJECT GROUP

UMCADS

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	MMRC ALPHA	MMRC BRAVO
Hull length:	30.54 ft 9.31 m	35.4 ft 10.78 m
Length overall:	32.71 ft 9.97 m	38.9 ft 11.85 m
Beam overall:	8.11 ft 2.74 m	9.8 ft 3.00 m
Max load:	4436 lbs 2012 kg	5182 lbs 2350 kg
Displacement lightship:	6490 kg 14308 lbs	13671 lbs 6200 kg
Max. displacement:	tba	22381 lbs 10150 kg
Draft:	tbc	2.9 ft 0.89 m
Max draft:	2.36 ft 0.721 m	4.0 ft 1.22 6m
Pax/crew:	10	17
Fuel capacity:	185 gal 700 L	422 gal 1600 L
Engines:	2 x OXE 300 HP Turbo Diesel Outboard	2 x CIMMINS QSB-6.7 550 HP Engines with TwinDisc transmissions
Drive system:		2 x KONRAD 680B Stern Drives
Hull form:	Sea Blade Ultra Deep V	Sea Blade Ultra Deep V
Hull construction:	Aluminum	Carbon Composite
Survey class:	USCG 46 CFR 170.150 & USCG 46 C FR 170.170, ISO 12217-1 Category C & B stability and DNVGL-ST-0342	USCG 46 CFR 170.150 ISO 12217-1 DNVGL-ST-0342

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The Whiskey Project Group HQ:
Belrose NSW 2085, Australia
The Whiskey Project Group USA:
Edenton, North Carolina, USA

THE WHISKEY PROJECT GROUP

www.thewhiskeyprojectgroup.com

6. Capewell
105 Nutmeg Road South, South Windsor, CT 06074
860.610.0700 |

