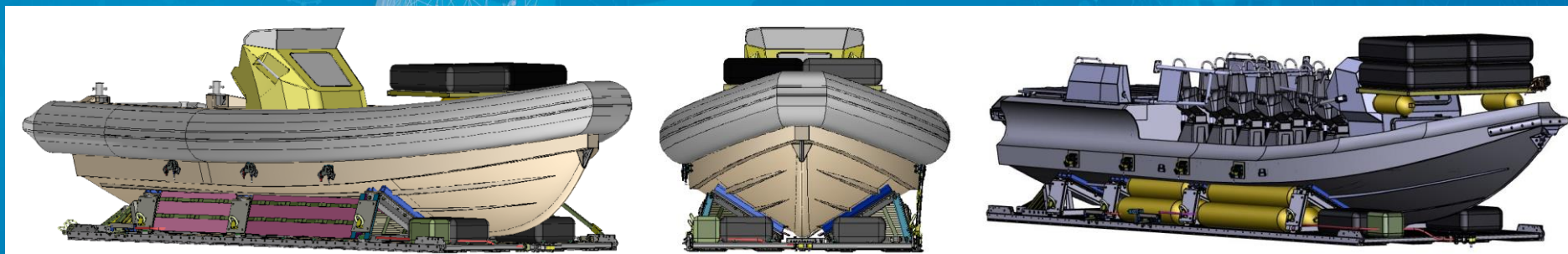


CAPEWELL EUROPE LIMITED (CEL)

HighSpeedBoat 2023 OperationsForum

Universal Maritime Craft Aerial Delivery System (UMCADS)*



Generic 9m RHIB & Boomeranger C-1200 IB Aerial Delivery RHIB

Presentation has been peer reviewed and does not contain information that is restricted by International Traffic in Arms Regulations (ITAR), specifically relating to the United States Munitions List (USML) or detail prescribed in category VIII Aircraft & Associated Equipment

*UMCADS is patent pending, application number: 18/165,585, United States Patent and Trademark Office as of February 7, 2023.

Agenda

Introductions

Heavy Maritime Requirement

Legacy Systems & Limitations

UMCADS - ConOps

UMCADS – Case Study Examples

Contact Details

Heavy Maritime Requirement

1. Deployment of high readiness maritime SOF personnel and equipment, as near to mission ready on splash down as practical.



2. Deployment of search and rescue capabilities beyond reach of traditional assets.



Legacy Systems & Limitations

30+ years of pedigree but phased out by some users due to limitations, including:

- Bespoke to craft solution.
- Expensive NRE to integrate each boat.
- Long lead times for bespoke componentry.
- Limited interoperability.
- No alternative functionality (land or marine or alternative craft).
- Maintenance & repair not always possible by user.

Capewell's Proprietary UMCADS solution addressed these shortfalls:

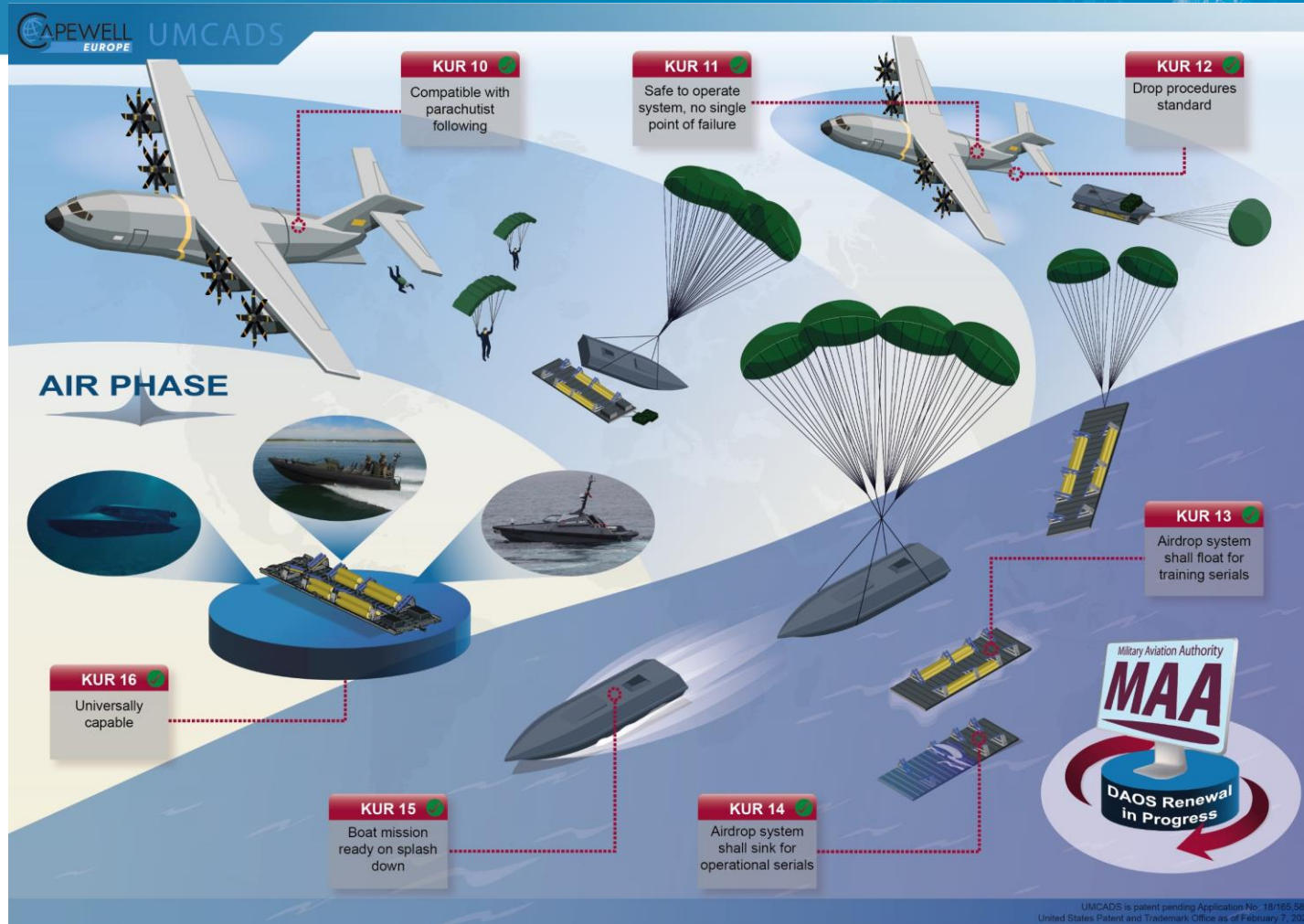
- Universal (*payload & aircraft*) & modular.
- TypeV airdrop system (*most common NATO land system*), with interchangeable inventory components.
- TypeV aircraft interfaces and operating procedures enhancing potential for interoperability.
- Land or maritime capable.
- Wholly assembled, serviced, maintained and operated by user.



UMCADS – ConOps (Ground Phase)



UMCADS – ConOps (Air Phase)

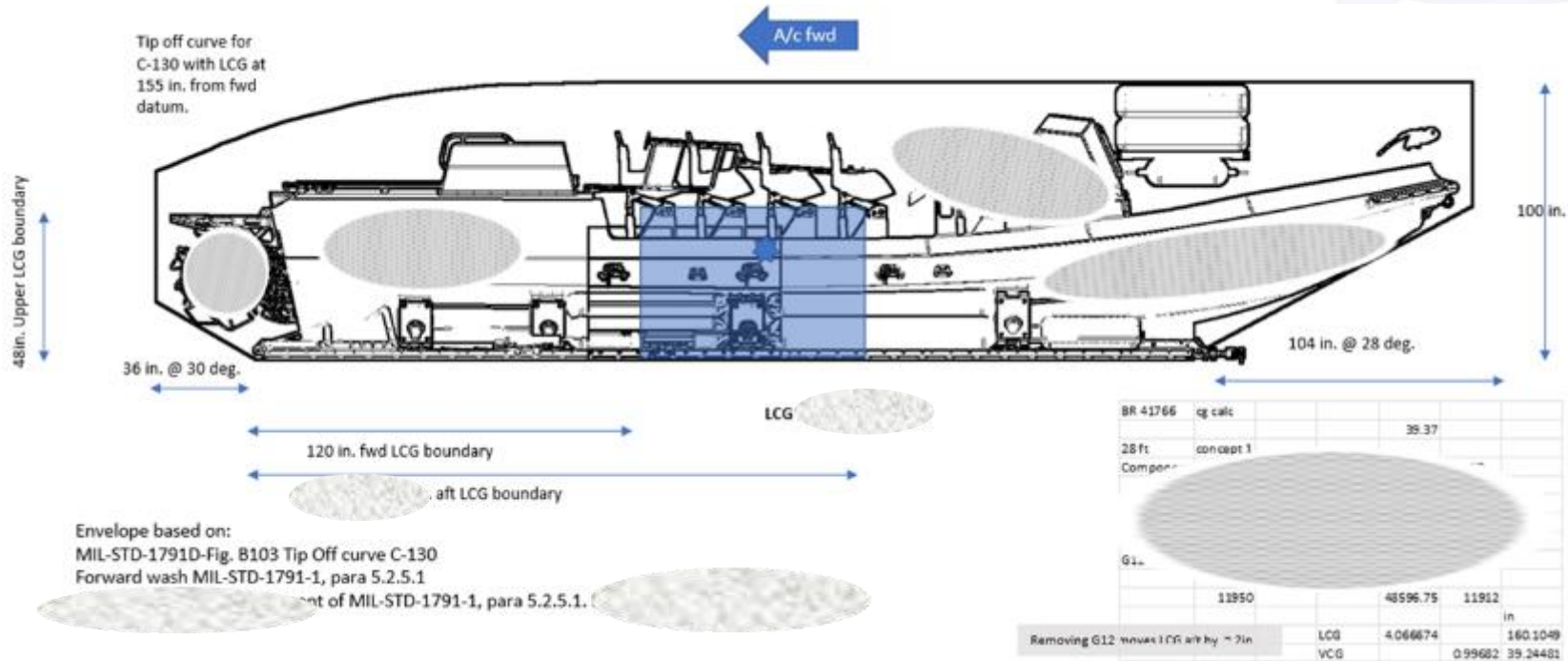


UMCADS is patent pending Application No. 19/165,585. United States Patent and Trademark Office as of February 7, 2023.

UMCADS – Case Study Example (Boomeranger C-1200 IB)

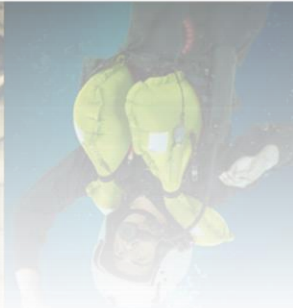
Boomeranger C-1200 IB Aerial Delivery RHIB

Through desk top validation, assess compliance with aircraft limitations and constraints in terms of volume, wash out and overhangs. Other surface and subsurface craft evaluated to validate universality of the UMCADS design.



UMCADS – Case Study Example (Subsea Victa)

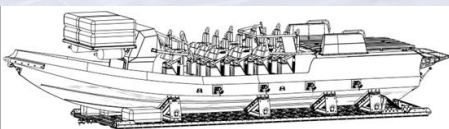




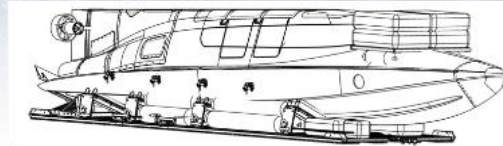
More than 142 years of innovation & delivery of mission critical systems to the warfighter



Appreciation & Thank you to:



Boomeranger C-1200IB Aerial Delivery RHIB



Subsea Victa



Mark Lavender
Operations Director
Capewell
Mobile: +1 860.670.5591
mark.lavender@Capewell.com
www.Capewell.com

