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Long range, Unmanned Surface Vehicles (USVs).

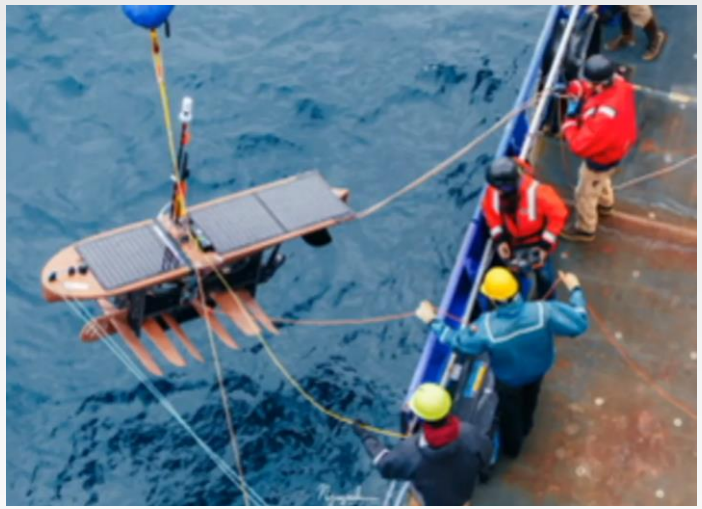
Simpler, faster, safer.

We've focused on logistics pain points

Existing persistent USV platforms **typically require multiple people and delivery ships** to reach safe operating zones.

Existing persistent USV platforms are **overly reliant on variable weather factors** for propulsion which **makes mission planning hard**.

Our focus is to reduce the touch points and monitoring needed for USVs.



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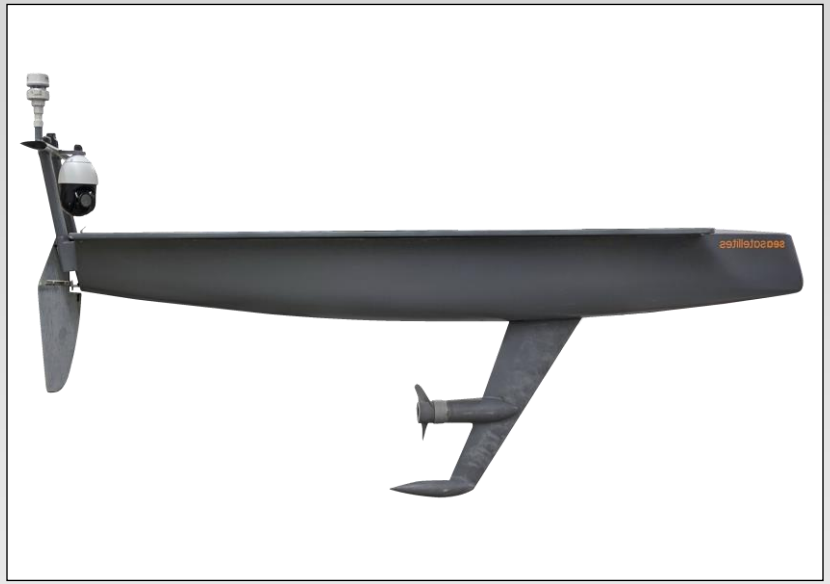
SeaSatellite USVs improve logistics & control authority



Rapid launch options.
No more towing or shipping USVs offshore.

Improved operations planning.
Stored power doesn't require accurate wind or wave forecasts.
Built in mission simulator.

Increased control, endurance, and payload SWAP.
Space and flexibility for critical sensors.

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Shore launch

Two person lift

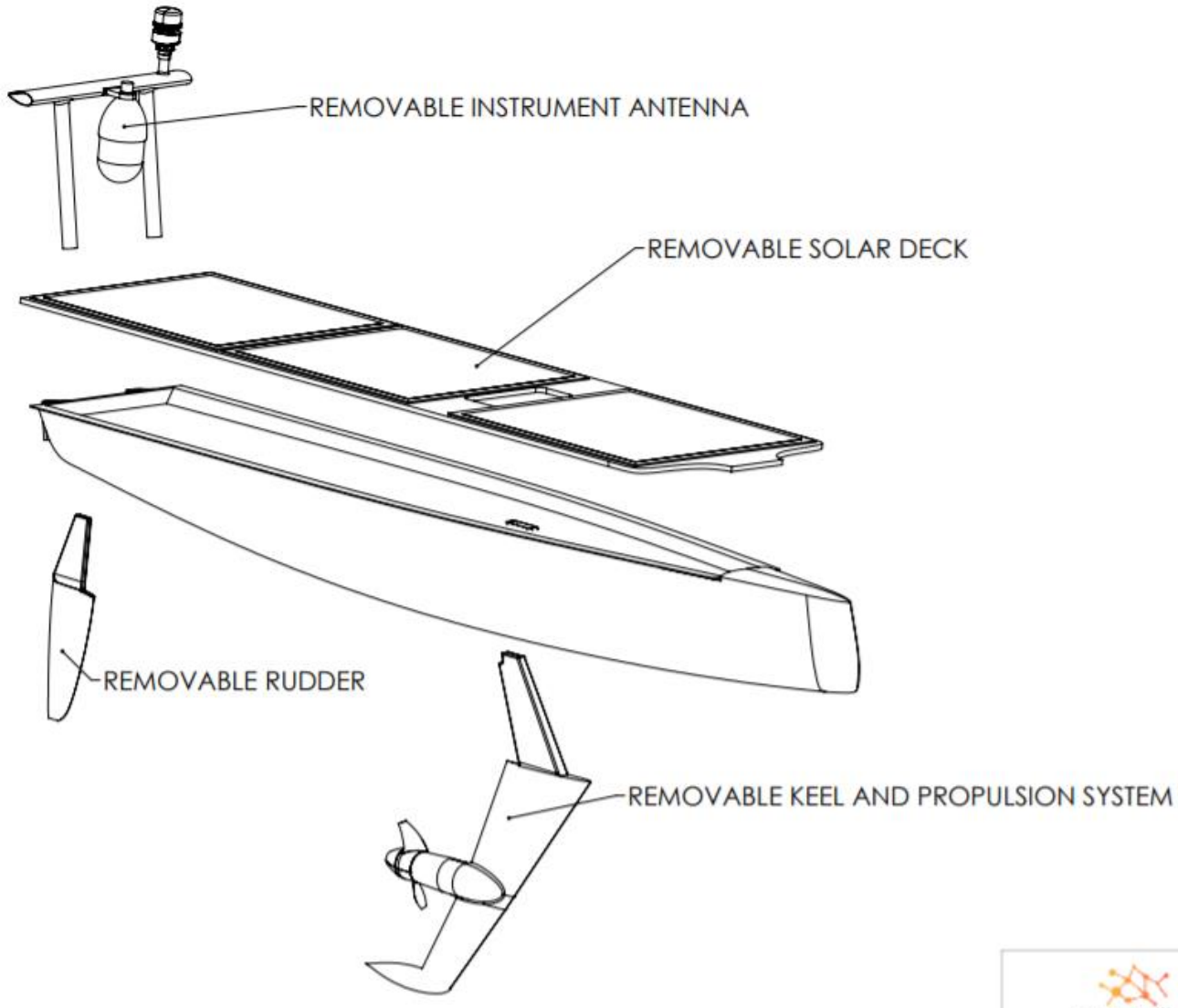
Crane/lift launch

Tow or rapid deploy

Drop deploy

NOTES:

1.



sea satellites

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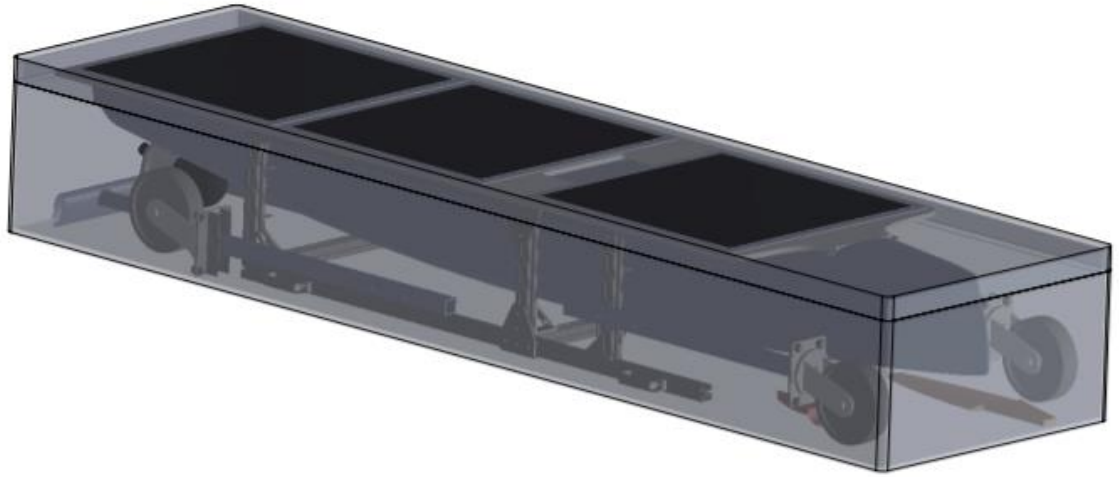
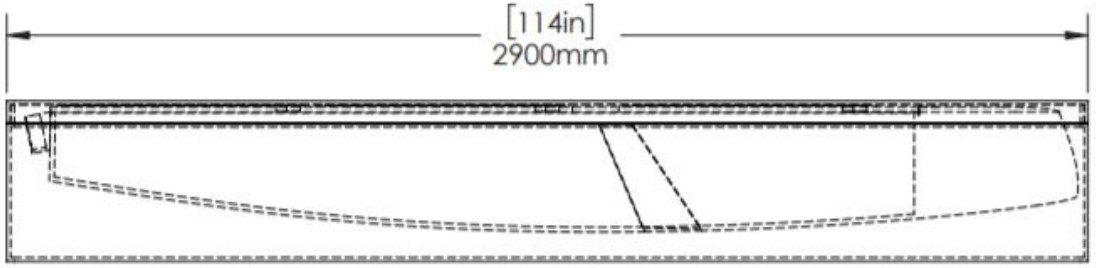
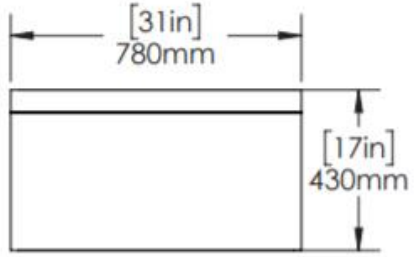
SHEET 2 OF 4

NOTES:

1.







SEASAT SHIPPING BOX
TOTAL WEIGHT: 106kg (234lbs) (EXCLUDES ADDITIONAL SENSORS)
30 UNITS PER 20FT CONTAINER
60 UNITS PER 40FT CONTAINER

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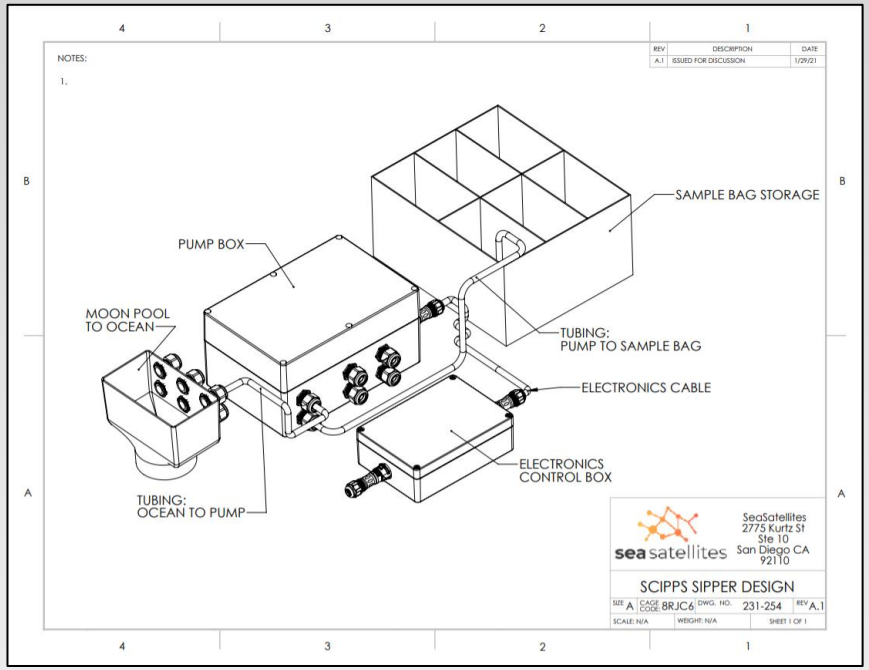
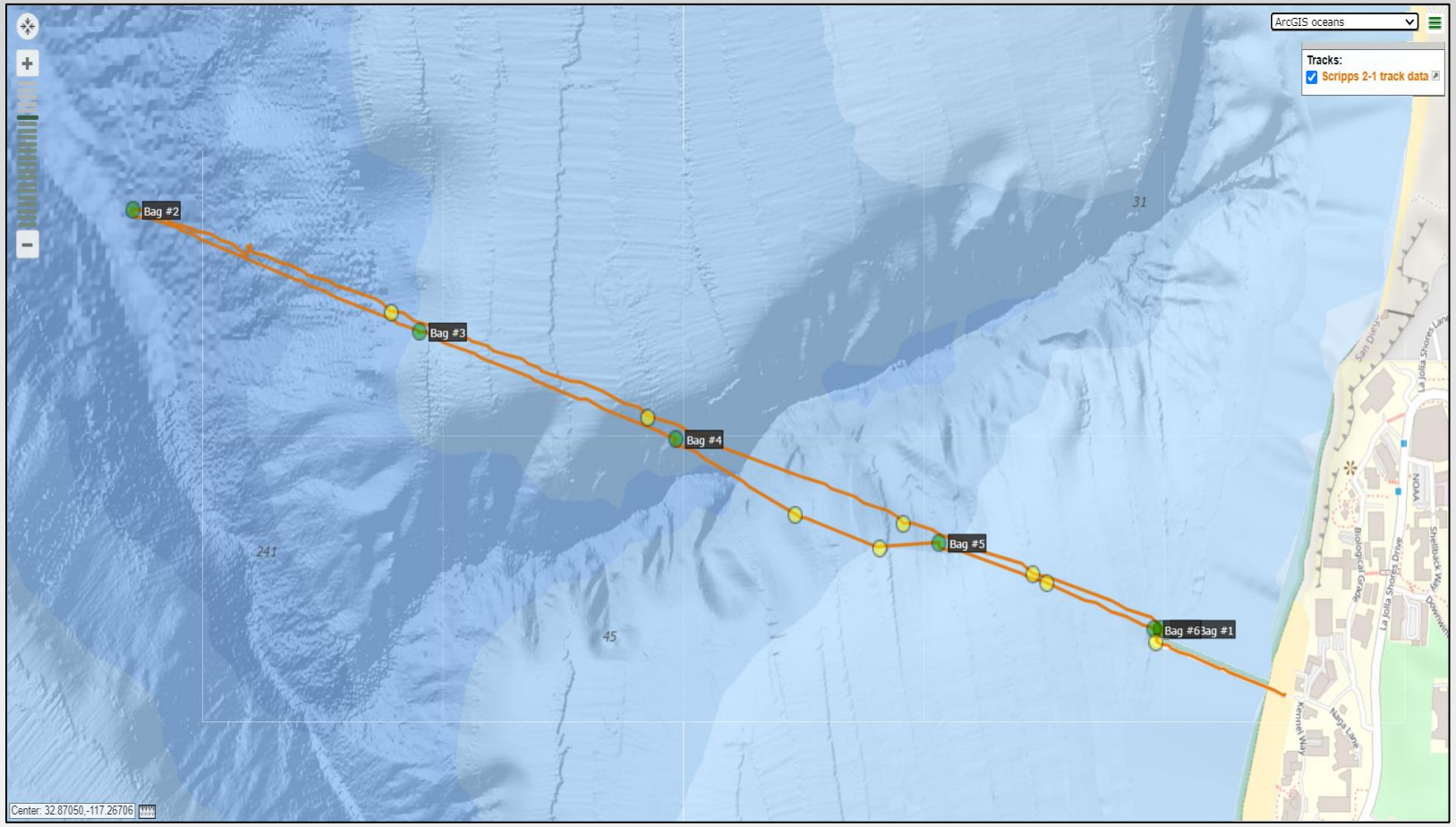
SHEET 4 OF 4

Ocean monitoring missions for Scripps Institution of Oceanography





Water collection designed and integrated in 3 weeks.

Bi-weekly sampling mission.
3 miles round trip. Repeatable mission times 1:20 – 1:40.
Launch + recover time < 20 minutes.

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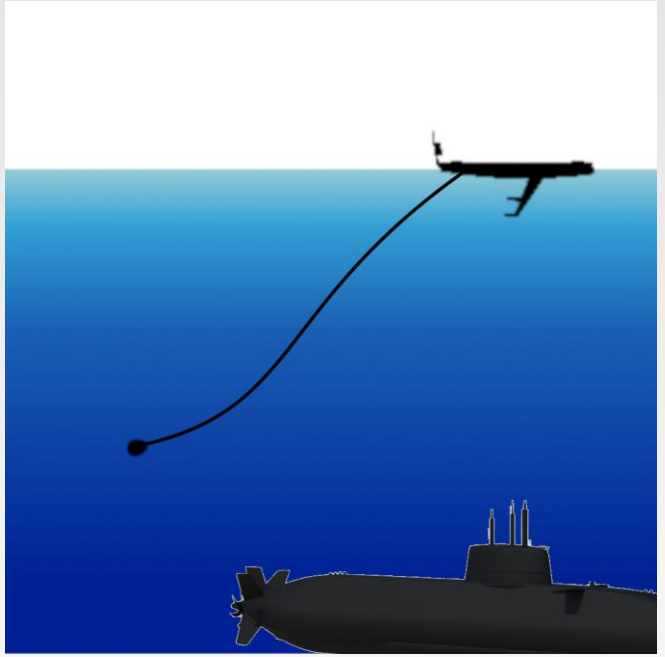
ISR & IPOE

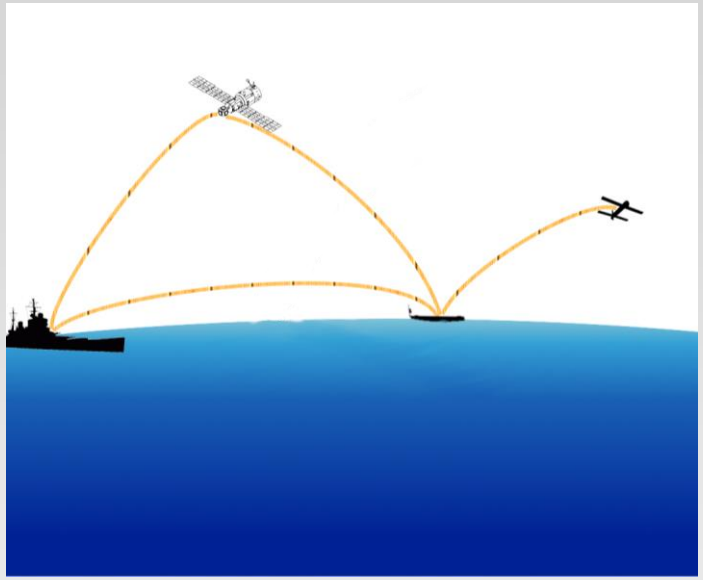
- Faster and easier deployment for ISR & IPOE missions
- Ability to stay on site 24/7
- Ability to flexibly maneuver surface asset based on new intel

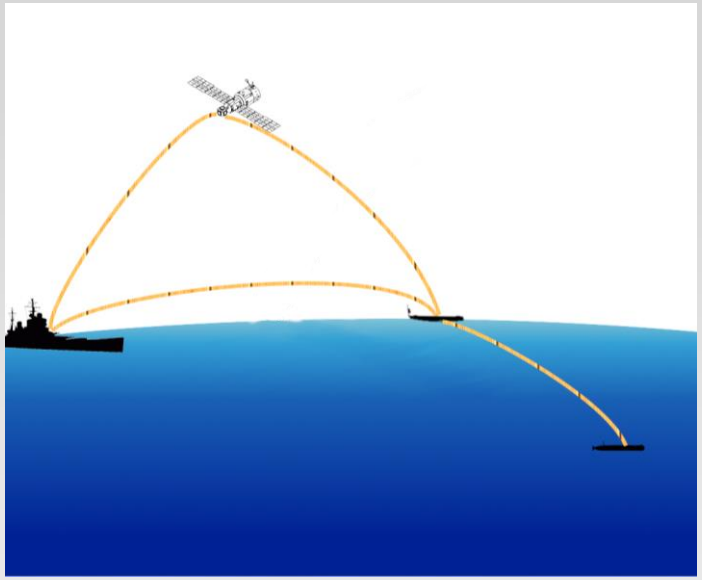
- Measurements:
  - Environmental
    - Sea state, temperature, current profiles, clarity, etc.
  - Bottom profile mapping
  - EM & RF detection
  - EO/IR feeds with onboard processing for minimal signal signature



Extend UAV & UUV range

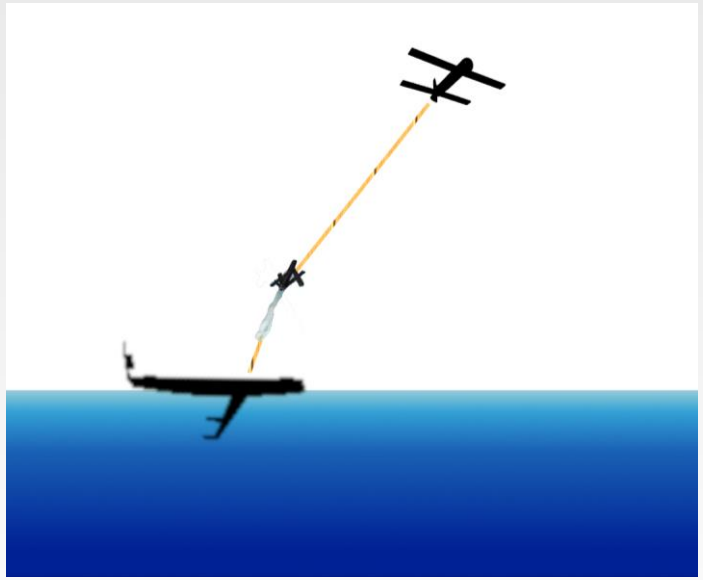
Extend communications over the horizon.

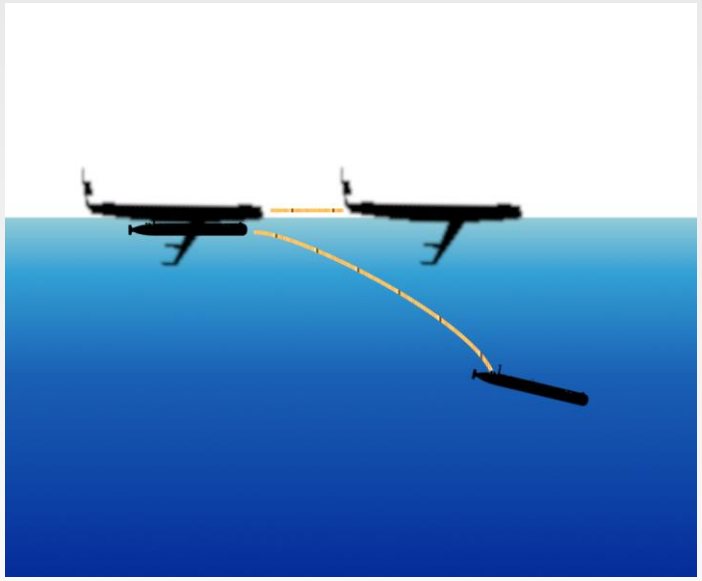




Transport assets to the target and release on command.

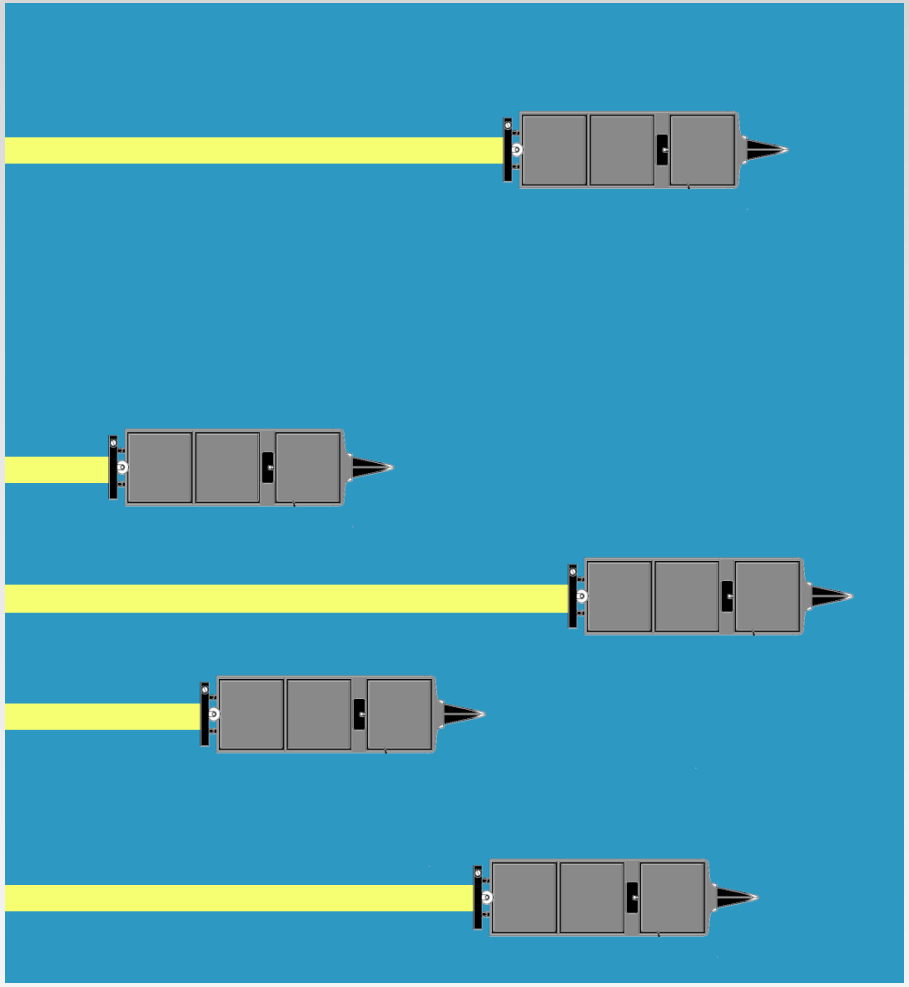
Spend power on the mission instead of in transit.





Scalable deployments

Rapid air-drop deployments.



Scalable vehicle solutions.

Thank you!

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