

Developing UAS capabilities for Polar Applications

Collaboration with US Coast Guard and AeroVironment

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Arctic Collaboration with USCG and Aerovironment

Arctic Operations Review

September 2013 – Oil in Ice

August 2014 - Arctic Technology Evaluation

July 2015 – Search and Rescue

2017 Cruise aboard USCGC HEALY

2013 – Oil in Ice



- 16 Sorties
- 14 hours FT
- HiRes Payload

2013 - Oil in Ice



2014 – Aerostat

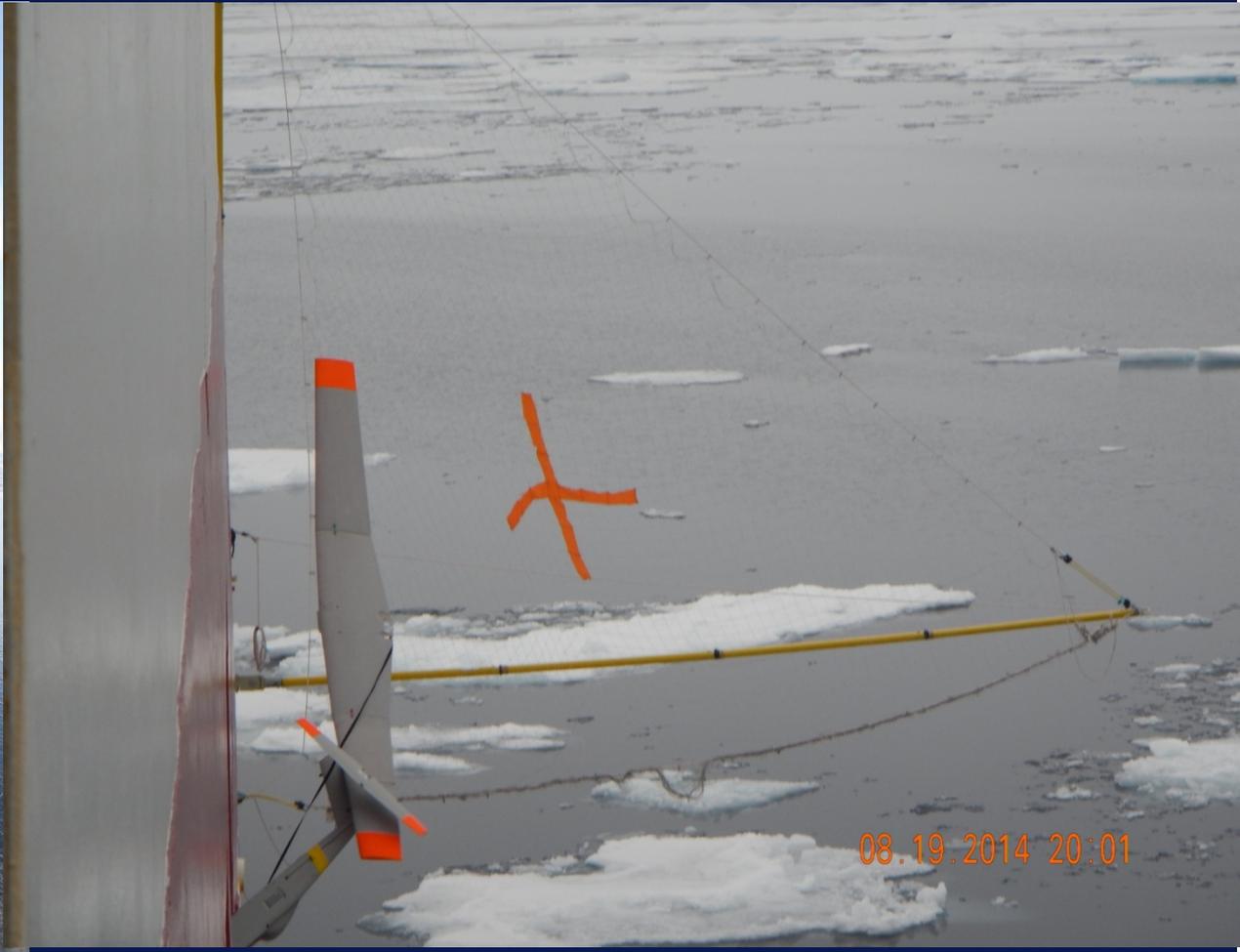
- Long Endurance Aerial Imagery
- Weather Limited



2014 - Puma Operations



2014 - Puma Net Capture



2015 - Search and Rescue



2015 - Aerostat



2015 - Aerostat



2015 - Puma Auto Net Capture



2015 - Scan Eagle



2017 - ATE onboard HEALY

Continued collaboration between NOAA, USCG,
and AeroVironment

July 20 through August 13, 2017

OILEX and SAREX, On ice operations

Puma, FlexRotor, and Instant Eye

Joint Unmanned Operations (USV and UUVs)

Questions

