

R/V *Sikuliaq* Operations



AICC meeting

16 April 2019

Doug Baird
Director, Seward Marine Center
CFOS, UAF



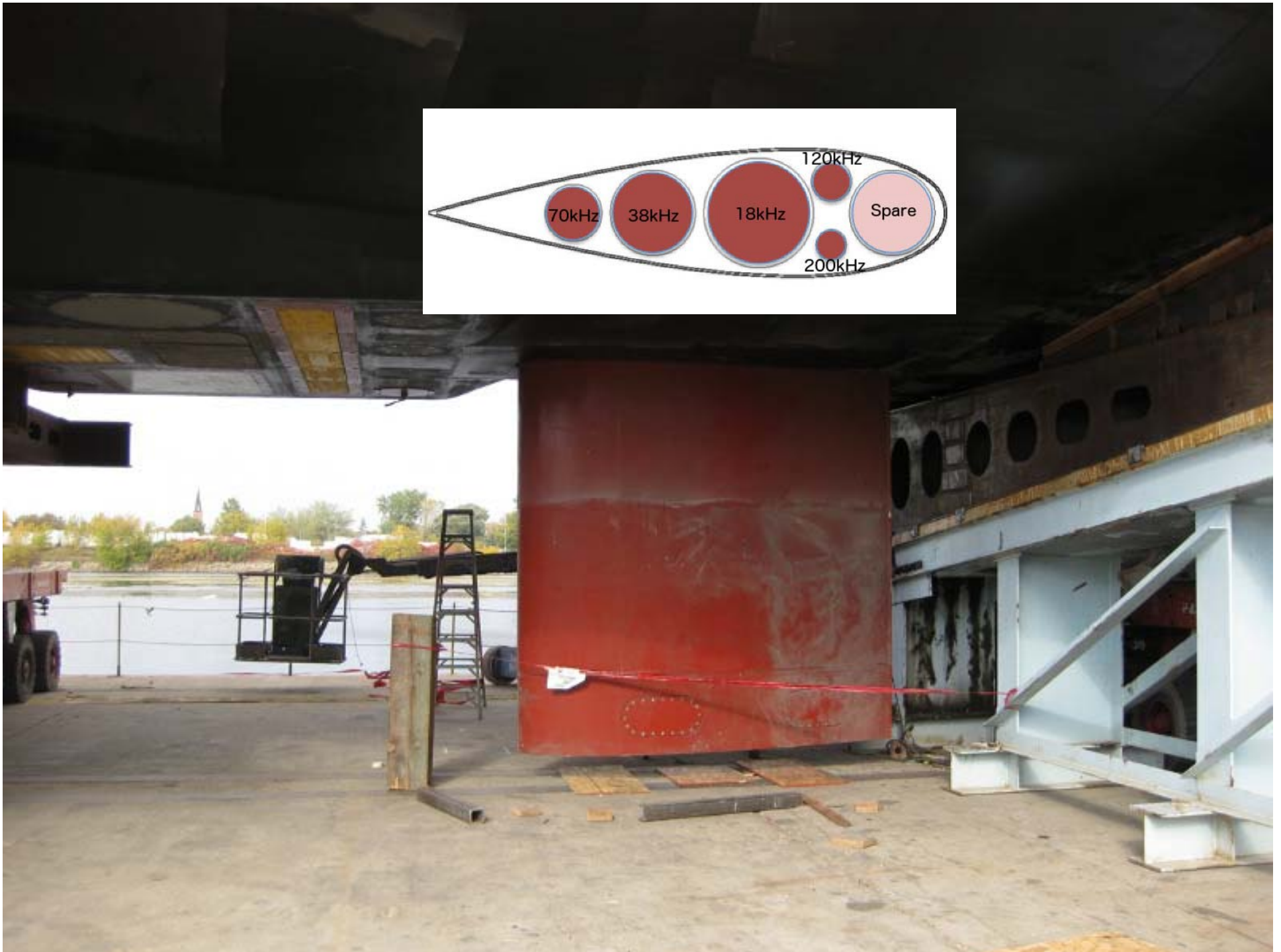
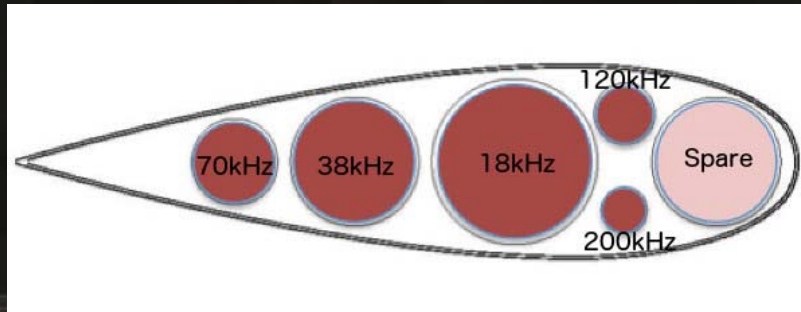
R/V Sikuliaq

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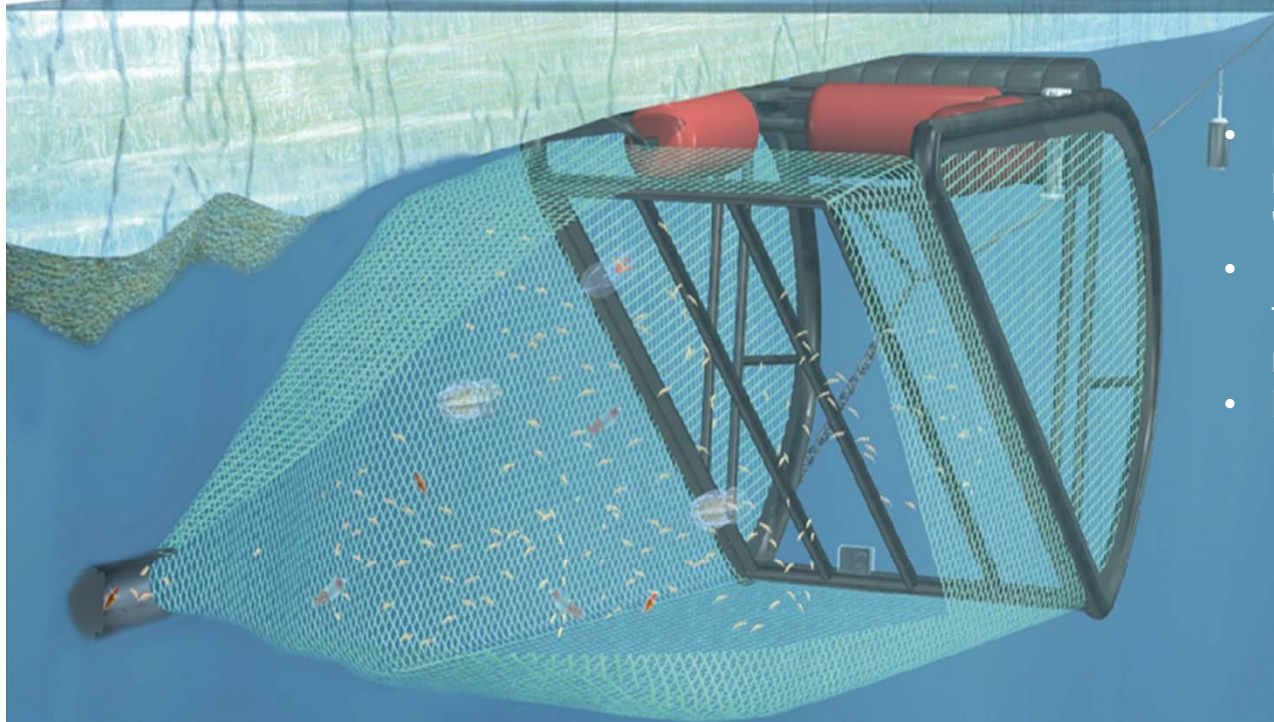
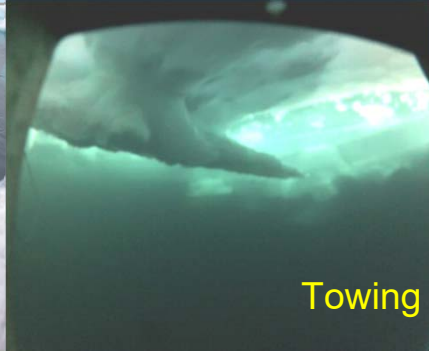




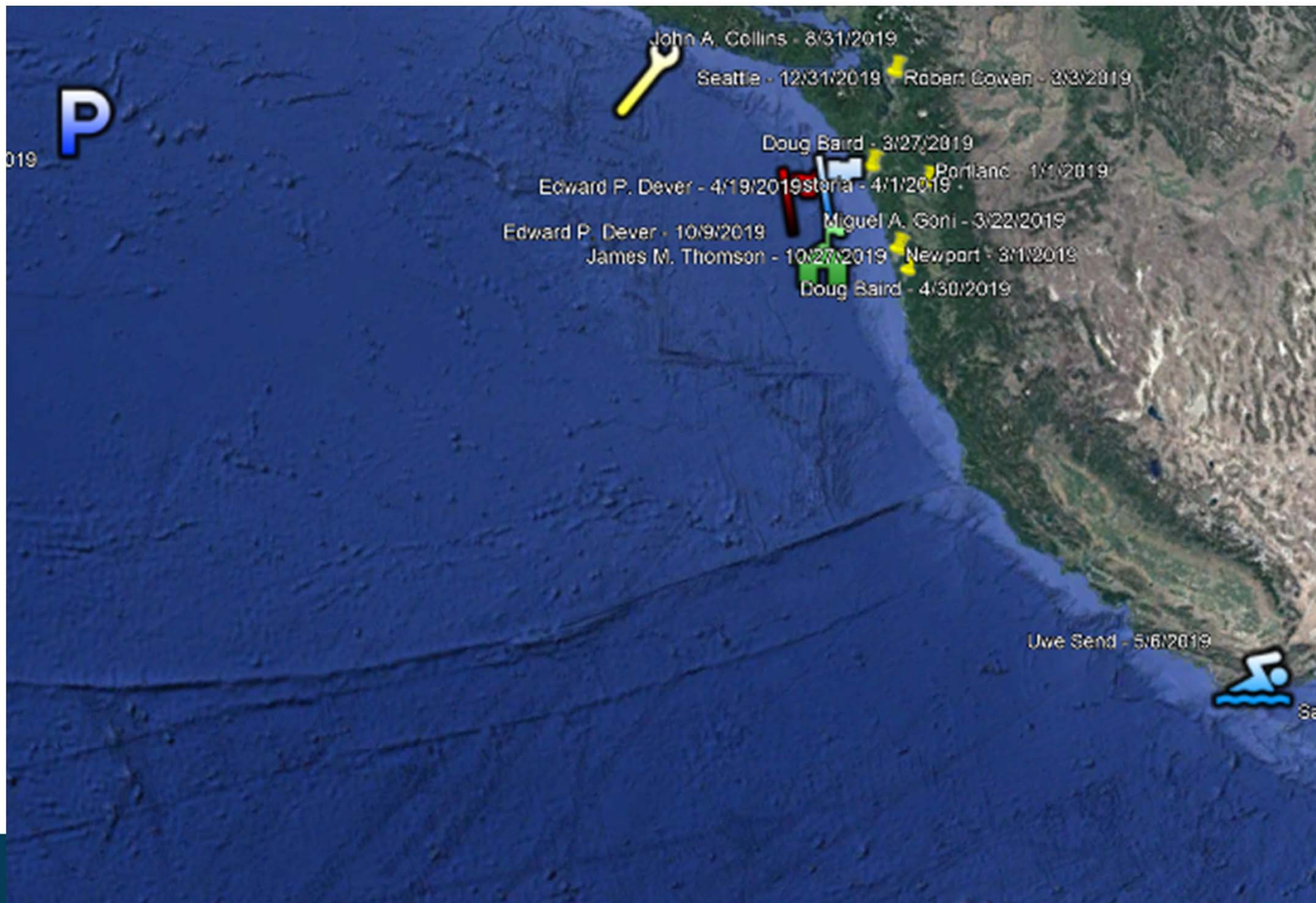




Surface- & Under-Ice Trawl (SUIT)



- Equipped with two nets (150- μ m mesh plankton net, 7-mm mesh 'shrimp' / fish net)
- Instrumented with CTD, ADCP, fluorometer, hyperspectral UV/VIS radiance sensor, camera
- Measurements:
 - Oceanographic properties
 - Light intensity
 - Chlorophyll (water & ice)
 - Meso- and macro-zooplankton, fish





2019 Sikuliaq Project Schedule

- Spring: West Coast
- Summer: Gulf of Alaska
- Autumn: North Pacific Ocean & West Coast
- Early winter: Chukchi Sea and Gulf of Alaska



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