



Navigation Manager Updates

Alaska Coastal Mapping Summit

December 9th, 2020

LCDR Bart Buessler, NOAA

LT Hadley Owen, NOAA



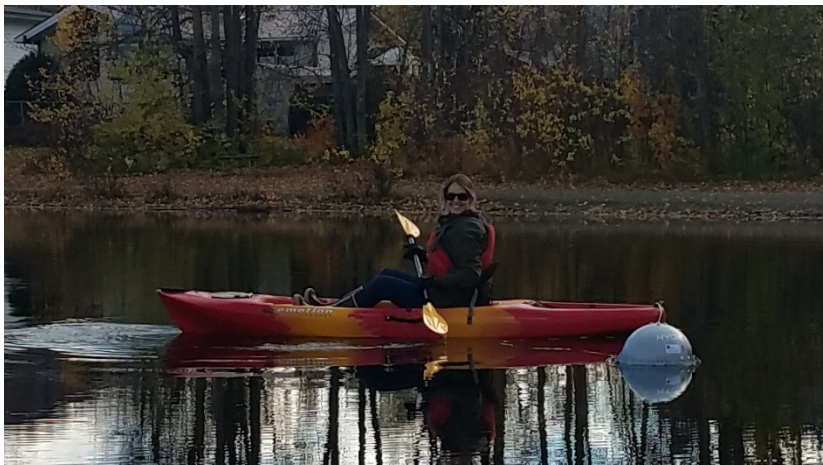
- LCDR Bart Buesseler is moving on to his next assignment, and LT Hadley Owen has reported aboard
 - LCDR Buesseler is heading out as Executive Officer of NOAA Ship *Okeanos Explorer*
 - LT Owen joins us after a successful tour as Operations Officer onboard NOAA Ship *Rainier*, and has additional Alaskan experience from time onboard NOAA Ship *Fairweather*, as well as time in the small cruise ship industry prior to her career with NOAA
- Contact information will stay the same
 - Alaska.NavManager@noaa.gov
 - Cell: 907.231.7112



NOAA Ship *Rainier* in Whale Passage, 2020

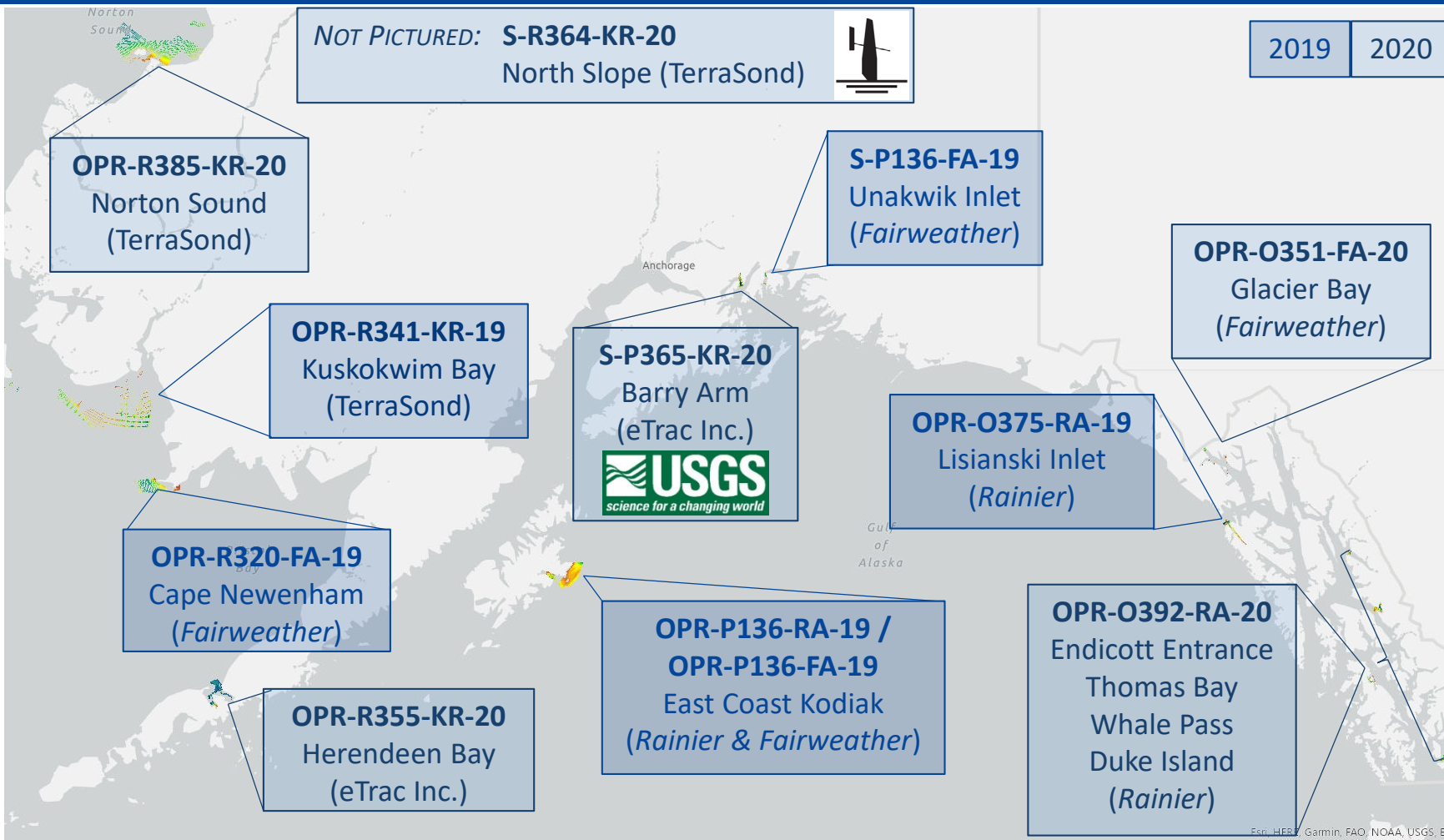
- Working in partnership with AOOS and the State of Alaska, acquired a “HydroBall”, a simple single beam survey system, for the AK Region
 - Objective is to enable opportunistic surveys in nearshore regions where traditional surveys are cost prohibitive
- Field evaluation pushed back to 2021 due to COVID-19
 - Potential for Coast Survey evaluation work to in Seattle, WA this winter

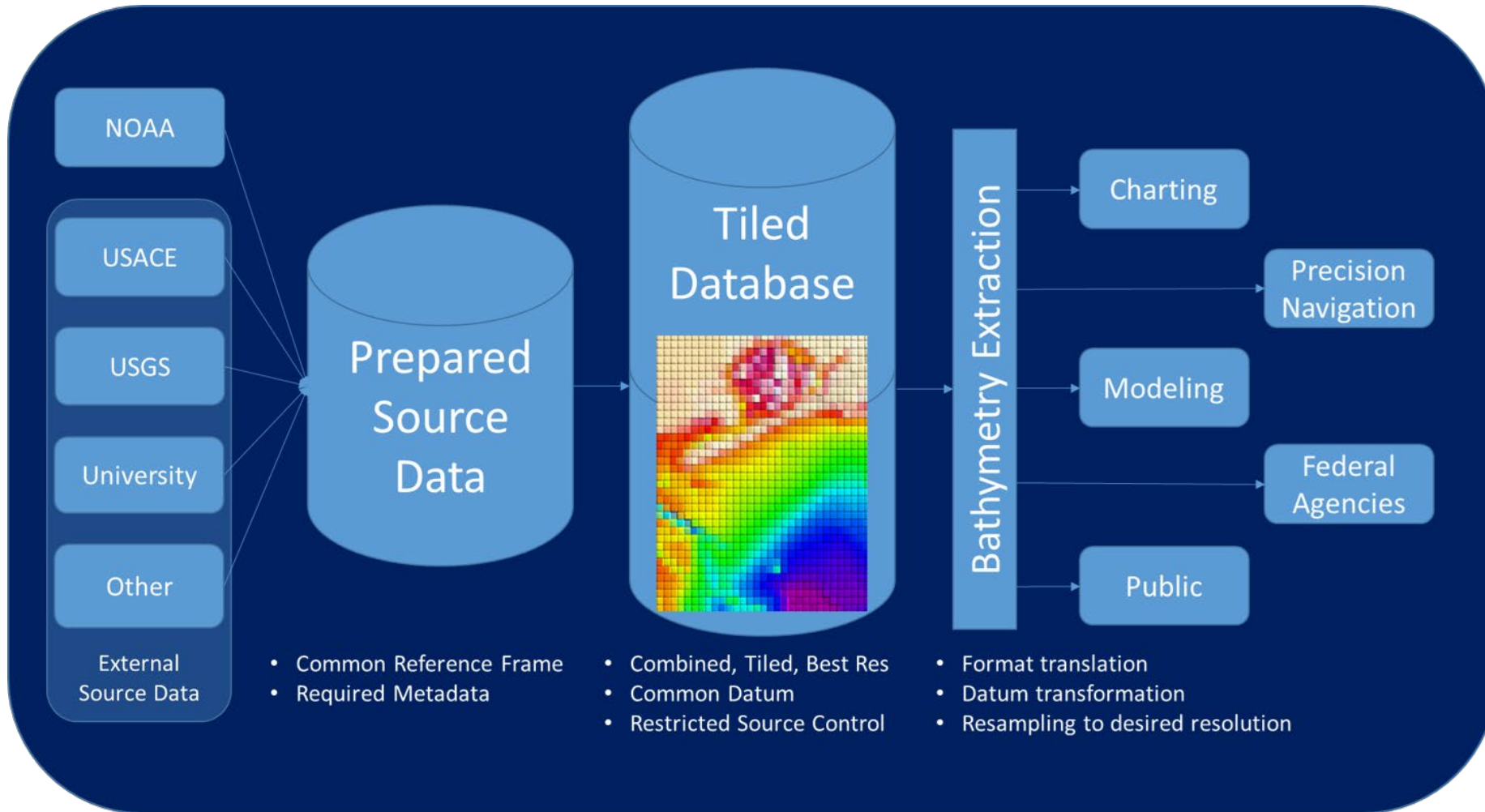
The HydroBall

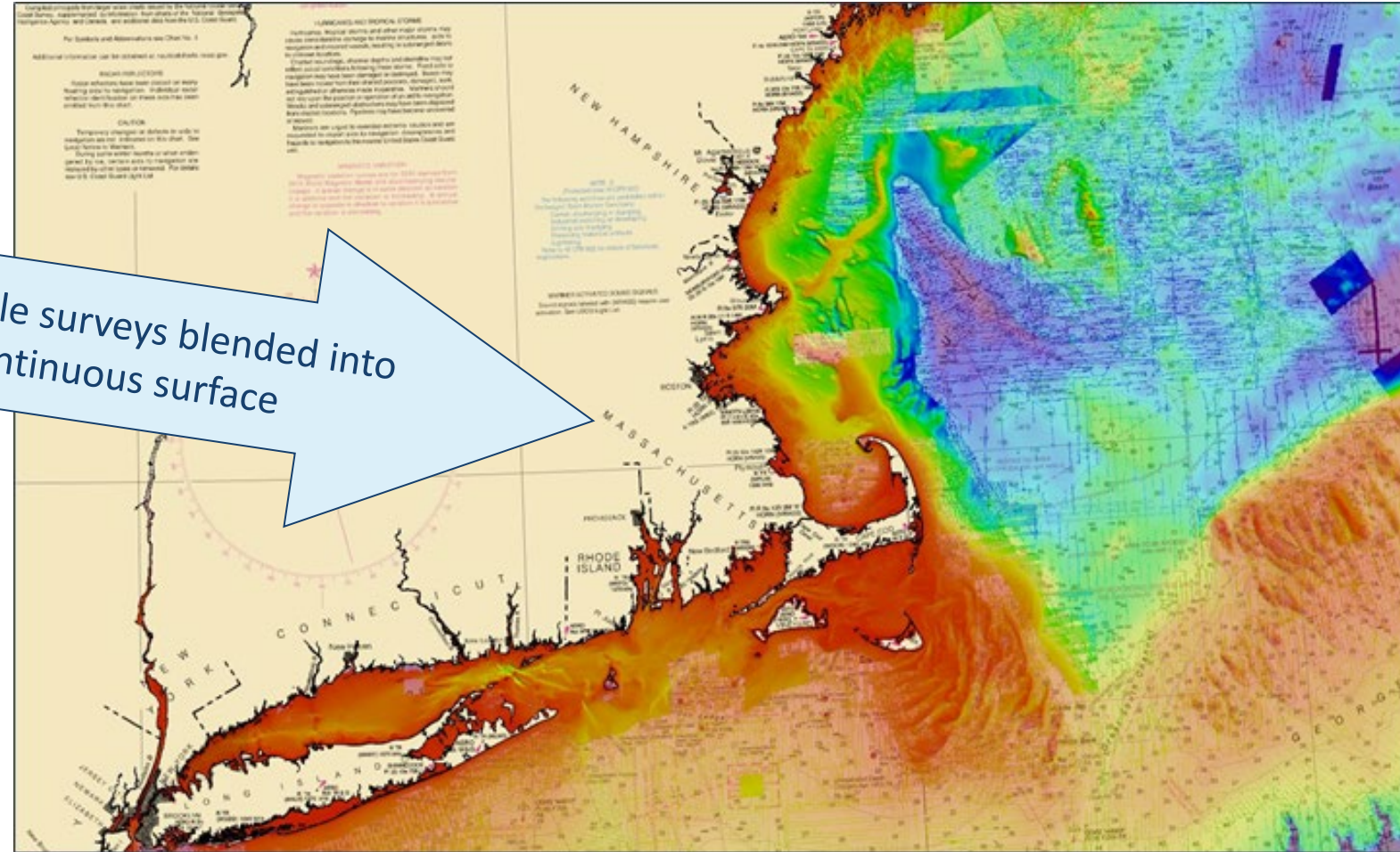
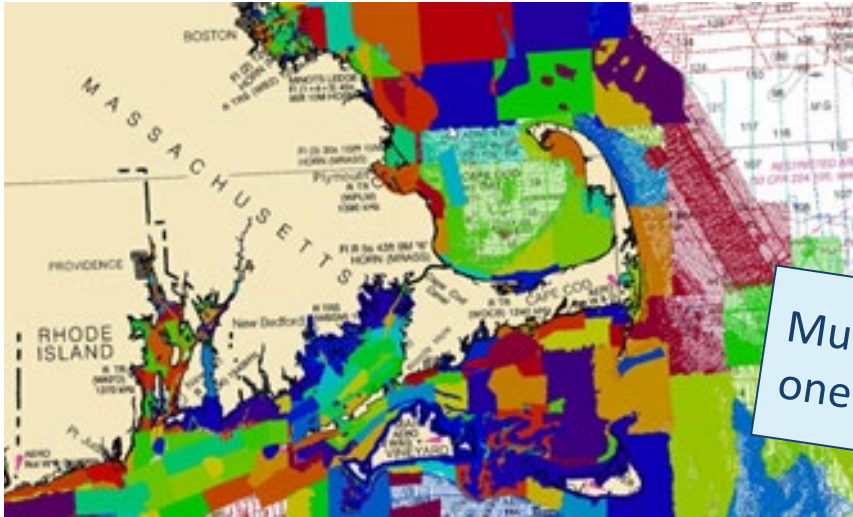


Jaci Overbeck
(DGGs) during
HydroBall testing









Multiple surveys blended into one continuous surface

What does it look like?

Check out the Coast Survey [Blog Post](#) for more information



- **Barry Arm Survey Blog Post**
 - <https://nauticalcharts.noaa.gov/updates/noaa-bathymetric-data-helps-scientists-more-accurately-model-tsunami-risk-within-barry-arm/>
- **North Slope Saildrone Mission Blog Post**
 - <https://nauticalcharts.noaa.gov/updates/autonomous-vessel-operations-in-the-arctic-lessons-learned-from-the-summer-2020-mapping-mission/>
- **National Bathymetric Source Blog Post**
 - <https://nauticalcharts.noaa.gov/updates/building-the-national-bathymetry/>