



**NOAA
FISHERIES**

Science Update (Status of Surveys)

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CCC (Virtual Meeting)
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Surveys – cancellations, impacts, and next steps

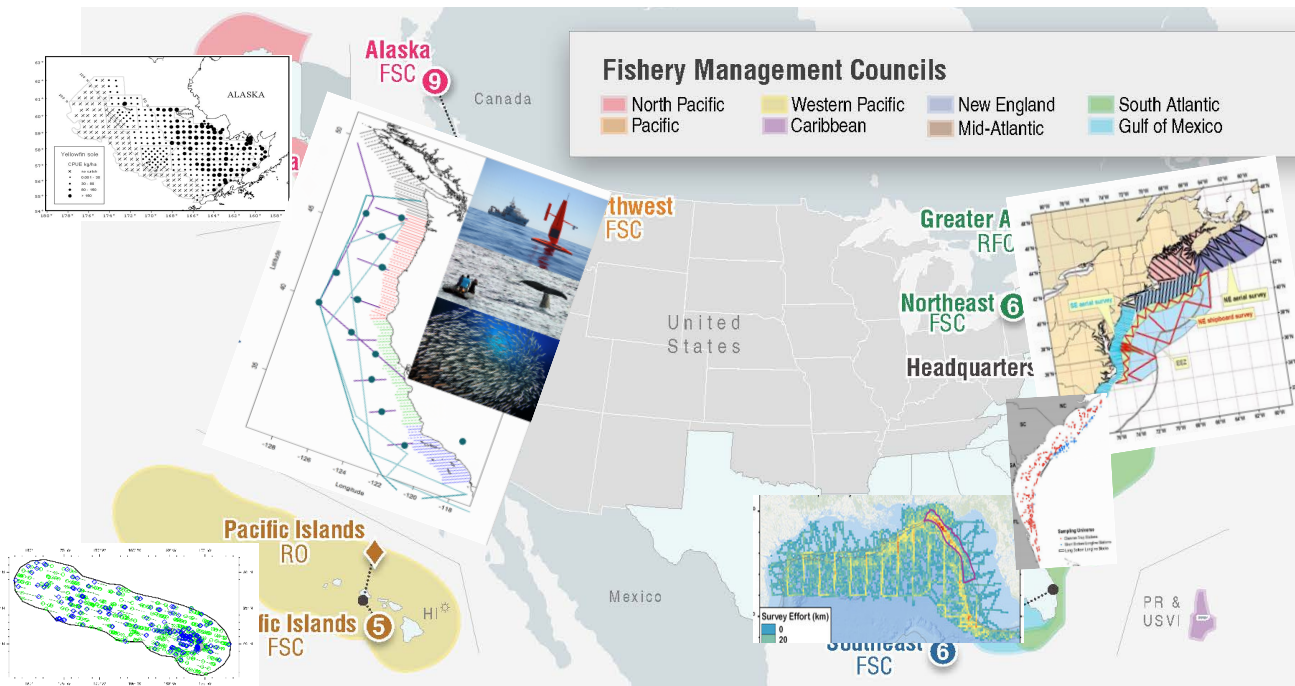
Status 5/27/20

Cancelled (from 3/20 through ~7/20):

- ~55 surveys
 - ~25 OMAO (some w/ multiple legs)
 - ~30 Charter/partner
- ~1382 DAS

Evaluating:

- remaining **FY20** surveys in all regions, and
- Revisiting **FY21** FAP (Fleet Allocation Plan)



Total DAS cancelled by Center (approximate 3/20 thru 7/20)

Center	Charters Number/DAS	OMAO Number/DAS	Totals Number/DAS
AFSC	340	137	477
NEFSC	108	103	211
NWFSC	167	42	209
SEFSC	40	83	123
SWFSC	20	167	187
PIFSC	0	175	175

Impacts

- Stock assessments in 2020 largely on schedule
- Impacts for 2021's assessments are stock-dependent
 - Some stocks we have estimates based on past experience (when surveys were not conducted for mechanical or other reasons)
 - Some stocks we won't know until we take a closer look at available data (including fisheries-dependent data)
- Some mitigation in place, e.g.,
 - NWFSC conducting West Coast Groundfish Surveys in Aug-Sept
 - SWFSC conducting CPS in July/Aug
 - AFSC conducting a Sairdrone survey and planning on recovering moorings w/ acoustic sensors



Protocols for returning to sea (draft)

Guiding principles

- Safety of science party and crew, all partners involved, numbers of personnel should be kept to a minimum, etc.

Pre-boarding quarantine and testing

- Shelter in place, multiple tests, etc.

Transportation to and from the boarding site

- Minimize the length of time spent traveling in public, the number (and length) of layovers.

Shipboard Prevention Procedures

- Scrubbing, cleaning, signage, distancing, galley procedures, etc.

Response if infection is suspected at sea

- Distance to port, isolation, return to port, quarantines.

Procedures for “normal” return to port

- Air travel, local ordinance, quarantines, etc.



Thank you



The Fog Warning
Winslow Homer, 1885