D3 BERING SEA FISHERY ECOSYSTEM PLAN
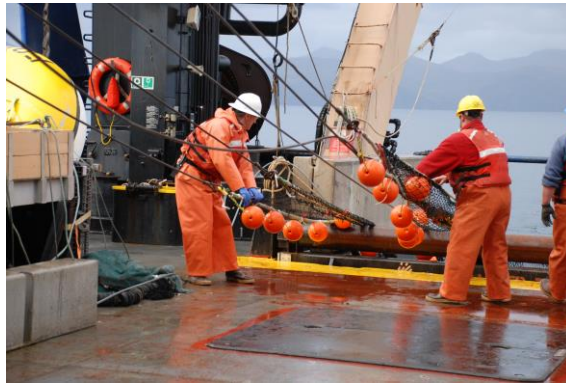
FEBRUARY 2021

a) BS FEP Team Report (March 2020)
b) BS FEP Climate Change Taskforce / Workplan
c) BS FEP LKTKS Taskforce update
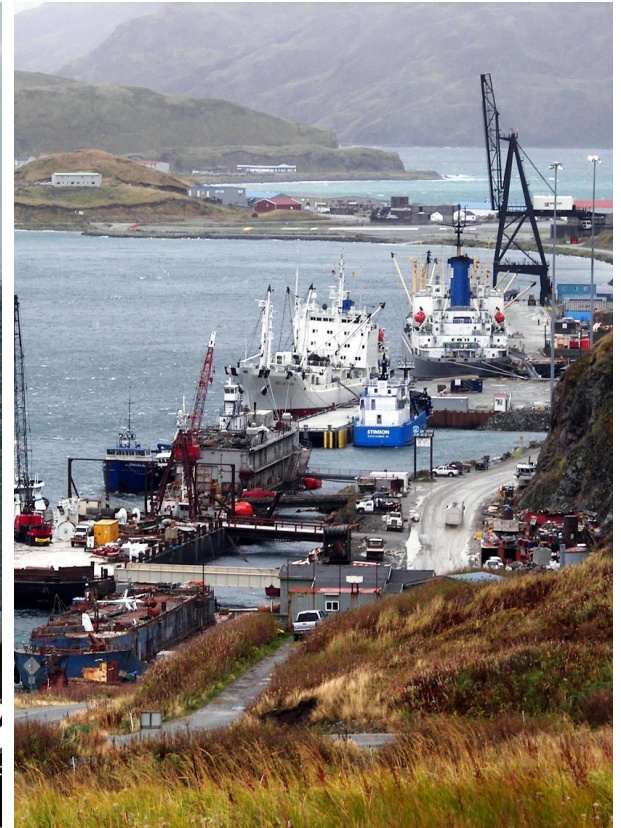d) Ecosystem Committee Report

COUNCIL ACTION ON D3

- None required for BS FEP Team or LKTKS Taskforce; any feedback appreciated

- For CCTF, looking for Council to endorse workplan

Bering Sea Fishery Ecosystem Plan Team

Diana Evans and Kerim Aydin, BS FEP Team Co-Chairs
Presentation to the North Pacific Fishery Management Council, February 2021

BERING SEA FEP TEAM

- March 3-5, 2020, at AFSC

- Second meeting in new role of ongoing FEP management

- Report to Council deferred due to pandemic

- Agenda structured around tasks identified in the BS FEP

Members

- *Kerim Aydin, co-Chair (AFSC REEM)*
- *Mike Dalton (AFSC ESSR)*
- **Benjamin Daly (ADFG)*
- **Anne Marie Eich (NMFS AKR)*
- *Diana Evans, co-Chair (NPFMC)*
- *Brad Harris (APU)*
- *Jim Ianelli (AFSC SSMA)*
- *Jo-Ann Mellish (NPRB)*
- *Heather Renner (USFWS)*
- *Elizabeth Siddon (AFSC ABL)*
- **Phyllis Stabeno (NOAA PMEL)*
- *Ian Stewart (IPHC)*
- *Stephani Zador (AFSC REFM)*
- *Davin Holen (Sea Grant)*

*unable to attend

MARCH 2020 BS FEP TEAM MEETING

Action Modules

- Recommendations provided to taskforce chairs at the meeting

- Taskforces have incorporated that input as they have continued with their work in 2020

- *In written report*

Other FEP Meeting topics

- Development of Ecosystem Health Report Card

- Research priorities

- Track uptake of FEP concepts and info
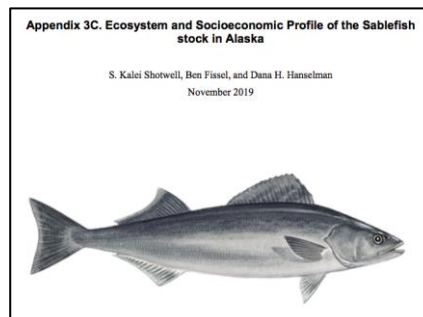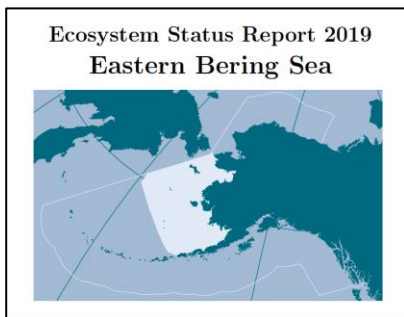
- Website / communications products

BS FEP TEAM RESEARCH PRIORITIES

- SSC had requested Plan Teams input on 3-4 research priorities to compile their comprehensive review

- FEP Team wanted to reflect priorities from the action modules

- Team's three recommended priorities:

  - LK and TK data collection.

  - Climate change: Develop predictive tools to inform management options related to resilience and adaptation.

  - Conduct an assessment of the Council's Bering Sea management with respect to EBFM best practices.
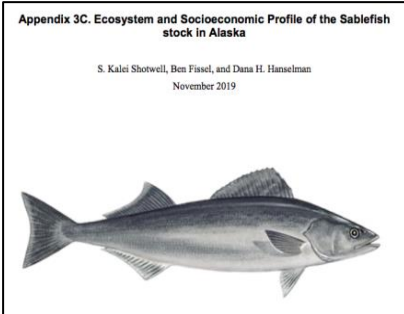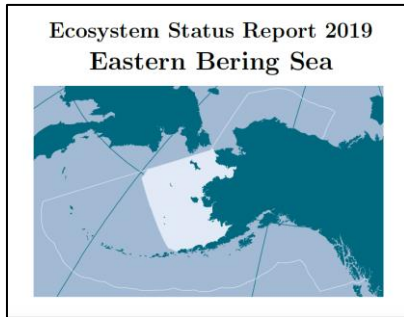
ECOSYSTEM HEALTH REPORT CARD

- 2019 – Team recommended reorganizing Council ecosystem products to pull strategic and longer-term indicators of change into a new report

- Organized around BS FEP's ecosystem goals and objectives

- FEP Team workgroup (led by Ebett Siddon) developing an initial framework

- Intent: will be developed/reviewed in partnership with Plan Teams, ESR team, SSC, Ecosystem Committee, Council process generally

Ecosystem Status Report 2019
Eastern Bering Sea

Appendix 3C. Ecosystem and Socioeconomic Profile of the Sablefish stock in Alaska

S. Kalei Shotwell, Ben Fissel, and Dana H. Hanselman

November 2019

Ecosystem Health Report Card

ECOSYSTEM HEALTH REPORT CARD

Ecosystem Status Report 2019
Eastern Bering Sea

Appendix 3C. Ecosystem and Socioeconomic Profile of the Sablefish stock in Alaska

S. Kalei Shotwell, Ben Fissel, and Dana H. Hanselman
November 2019

Annual tactical management decisions (status of stocks, risk tables, resulting quotas)

Bering Sea Ecosystem Health Report Card

- Outcomes of whole process for strategic review
- Links to CCTF/ climate forecasting

- 2020 work-ongoing: broad review of indicators, by FEP objective

FEP Ecological Objective	community condition	community structure	comm. /pop. struct.	ecosystem function	ecosystem structure	eutrophication	habitat cond./ struct.	physical	pollution	population condition	population structure	pop. /comm. cond.	Grand Total
Total indicators	15	17	2	18	13	1	5	1	2	6	12	2	95

BS FEP TEAM WORK 2021-2022

- **Jan/Feb 2021**: Taskforce and FEP Team chairs report to Ecosystem Committee/Council bodies on progress to date.

- **May 2021**: FEP team meets. Check-in on progress with Taskforces, and workshop on the Health Report Card. Brainstorm on emerging issues that might be future action modules (but no "new" deliverables).

- **Jun-Dec 2021**: Complete draft health report card by end of 2021, with coordination with Council bodies (Plan Teams, Ecosystem Committee, SSC/AP/Council) in June or October. Taskforces working in parallel.

- **Feb 2022**: Possibly in coordination with Council workshop, review progress of FEP team overall, and get stakeholder/Council body input on new action modules or other new activities in a workshop setting.

- **Mar-May 2022**: FEP 2022 annual meeting, monitor existing tasks and develop plans for new tasks arising from workshop or other Council body recommendations.