

Meetings of Scientific Experts on Fish Stocks in the Central Arctic Ocean  
(FiSCAO)

Update: Joint Scientific Research  
and Monitoring Planning for the  
Central Arctic Ocean and Adjacent  
Seas, JSRMP

Phil Mundy, NOAA

**Pacific Arctic Group (PAG) Fall Meeting**

October 27<sup>th</sup> to 28<sup>th</sup> 2016

Sophia International Hotel

Qingdao, China

**What:** Scientific information gathering to support international fisheries negotiations

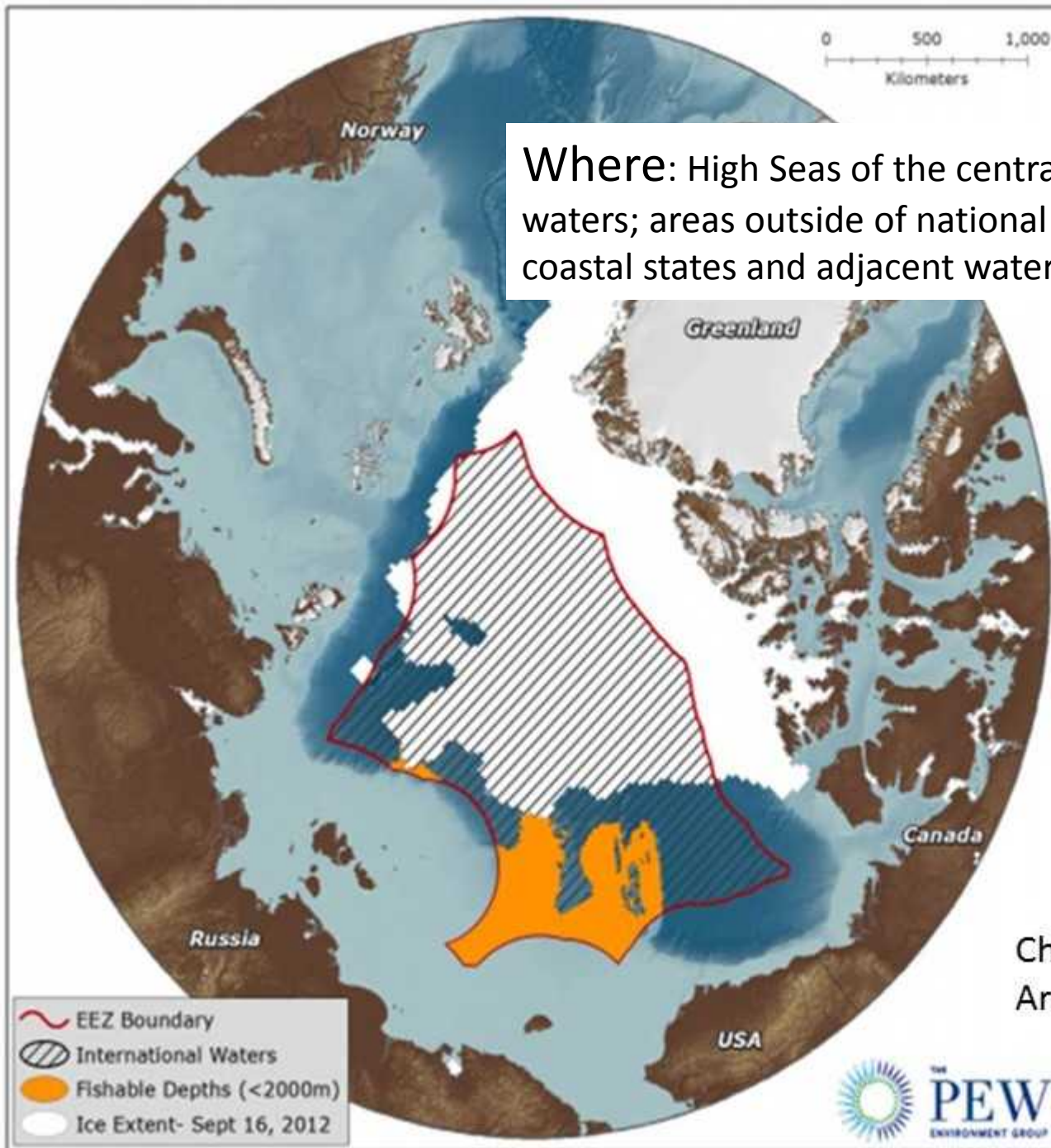
**Where:** High Seas of the central Arctic and adjacent waters

**When:** 2018

**Who:** Parties to the negotiations and others (PAG nations plus Greenland/Denmark, Iceland, EU)

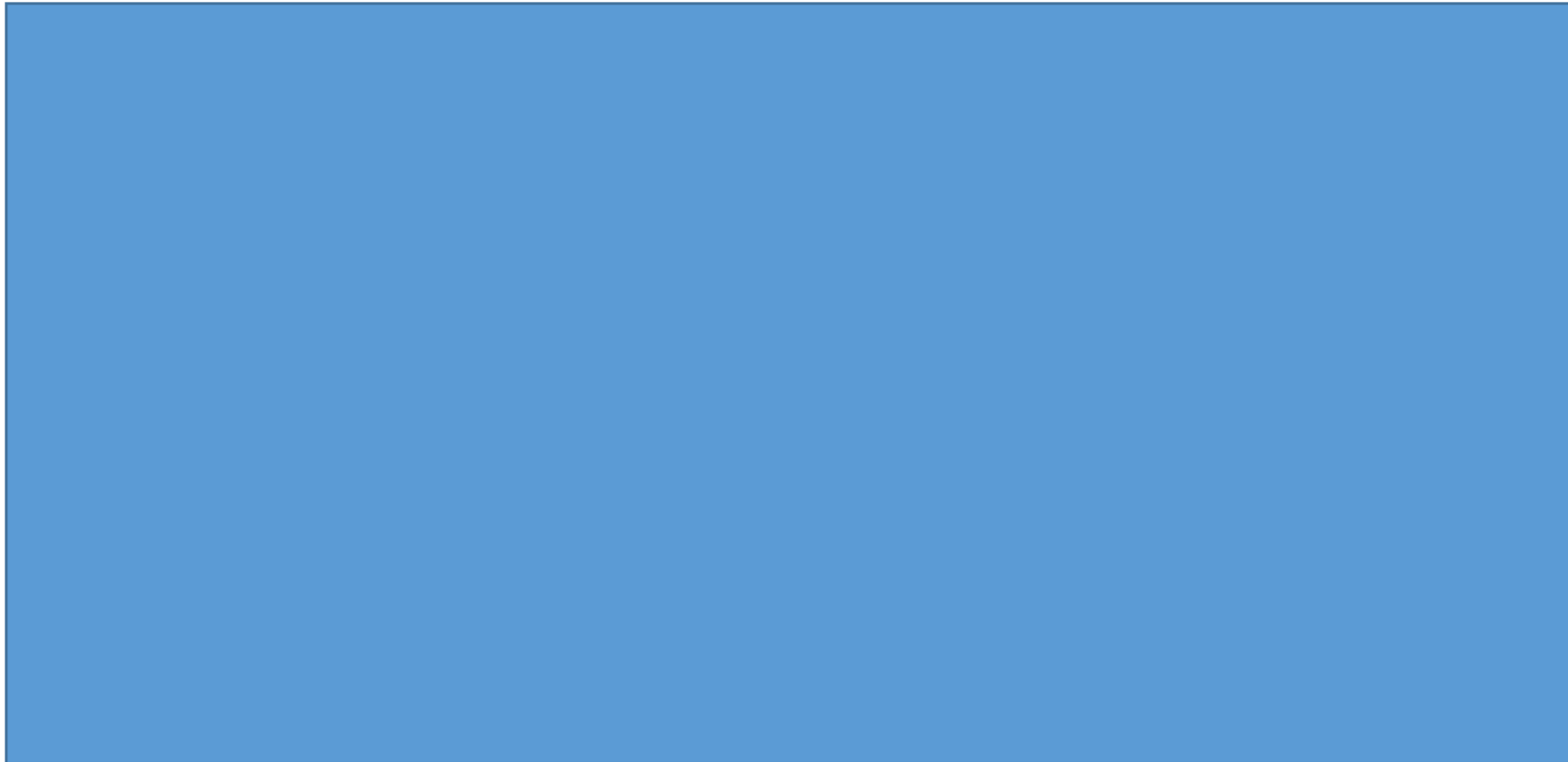
What: Scientific information gathering to support international fisheries negotiations

- Negotiations require information on fish species identity and biomass, trophic linkages (predator biomass, prey biomass), and physical and chemical drivers of biomass



**When:** 2018 (Possibly) First discussion document tabled in September 2016 at 4<sup>th</sup> FiSCAO.

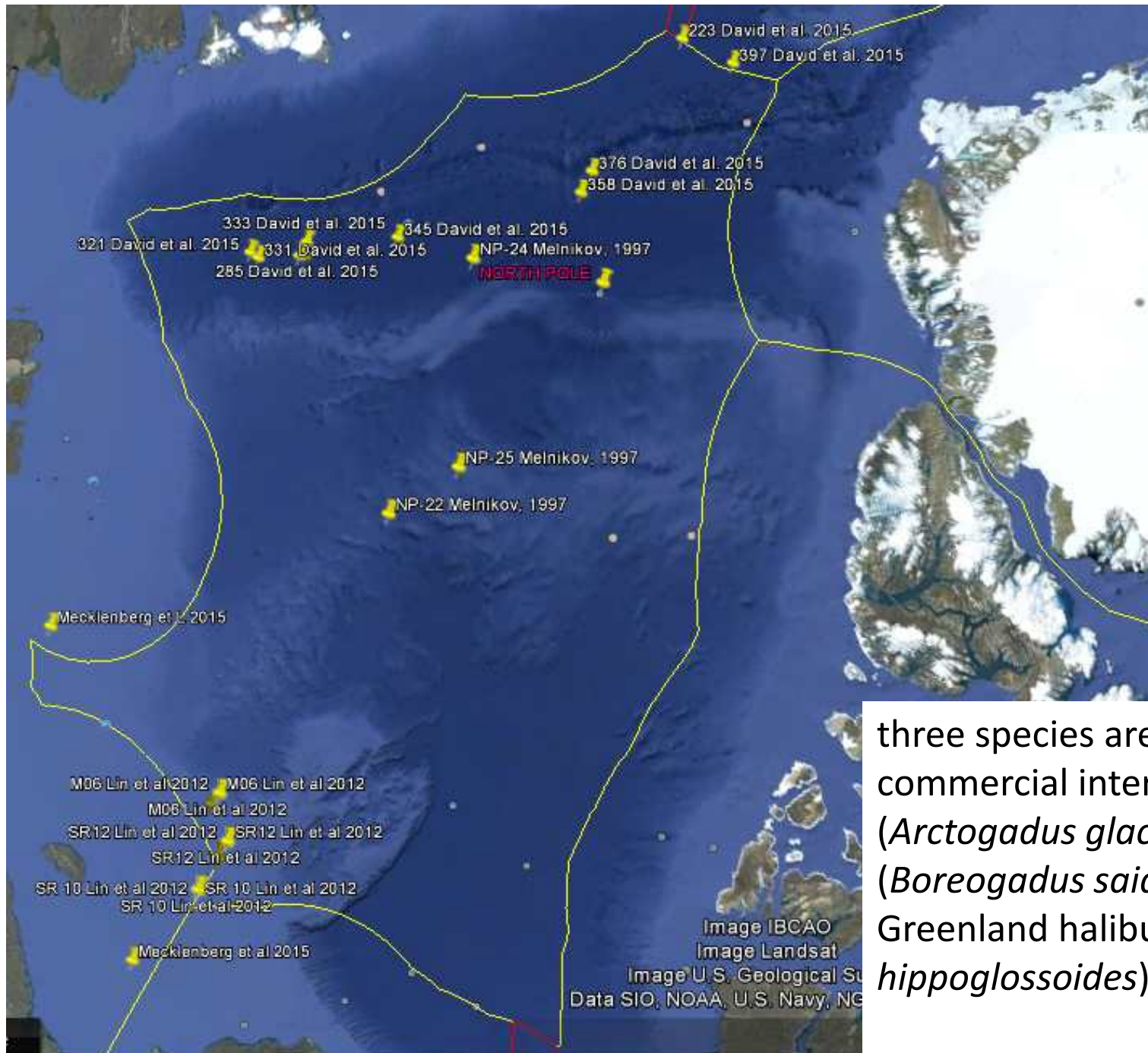
Implementation depends on pace of plan development. **Who:** All Parties plus others, DBO style monitoring will be a part of it.



# **FiSCAO Synthesis of Arctic Research**

**4<sup>th</sup> FiSCAO Synthesis of Knowledge on Fisheries Science in the Central Arctic Ocean and Adjacent Waters. DRAFT 13 Sept '16**

- **Highlights from the draft**
  - **12 species of fish known from the High Seas areas**
  - **Number of High Seas fish species is likely to increase with more sampling**
  - **Sampling on shelf areas and shelf break areas that are likely to contain fish is limited**
  - **More than 300 fish species known from Arctic waters nearby the High Seas**
  - **At present national sampling efforts on the High Seas do not include fish**



Twelve species of fish are known from the High Seas areas of the central Arctic

three species are potentially of commercial interest, Arctic cod (*Arctogadus glacialis*), Polar cod (*Boreogadus saida*), and Greenland halibut (*Reinhardtius hippoglossoides*).

# NEXT STEPS

- **RESEARCH AND MONITORING PLAN AND IMPLEMENT 2017 – 2018**
- **SYNTHESIS OF KNOWLEDGE ONGOING PROCESS**
- **5<sup>TH</sup> FiSCAO 2017 (Dates and Pacific location TBA)**
- **5+5 DIPLOMATIC NEGOTIATIONS 2016**
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  - 
  - **Faroe Islands, November 2016**



More information on diplomatic and science processes is available at

[http://www.afsc.noaa.gov/Arctic\\_fish\\_stocks\\_fourth\\_meeting/](http://www.afsc.noaa.gov/Arctic_fish_stocks_fourth_meeting/)

Google, Arctic Fish Stocks fourth meeting

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