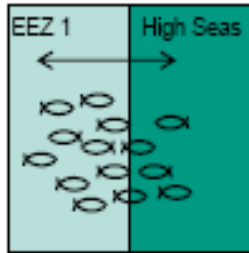


Management of transboundary fish stocks

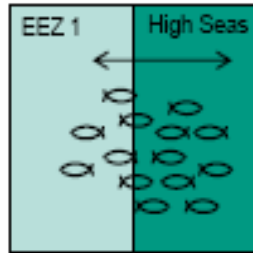
International Arctic Fisheries Symposium,
Anchorage, Alaska, U.S.A, 19-21 October 2009
Terje Lobach



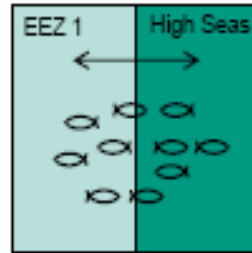
Figure A: Straddling and Highly Migratory Fish Stocks



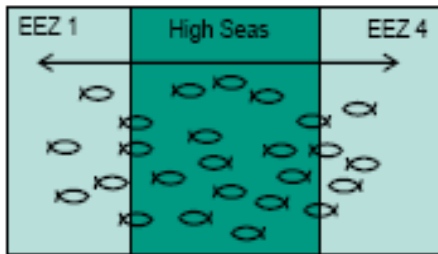
1. Straddling Stock
(mostly EEZ)



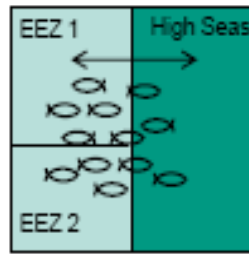
2. Straddling Stock
(mostly High Seas)



3. Straddling Stock
(evenly distributed)



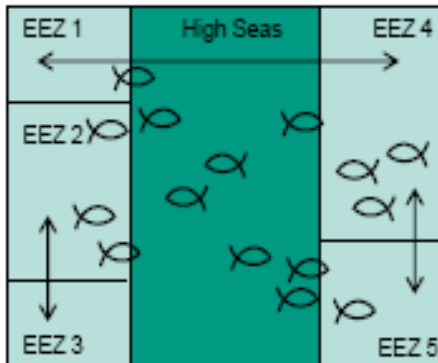
4. Straddling Stock
(extensive distribution)



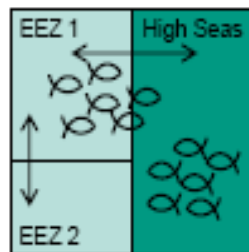
5. Straddling Stock
(transboundary)



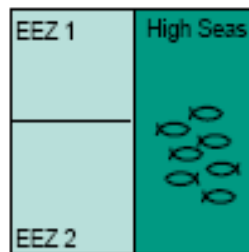
6. Transboundary, Joint
or Shared Stock
(Not Straddling)



7. Highly Migratory Stock
(Tunas and Tuna-like Species)



8. Highly "Mobile"
Migratory Fish Stock
(e.g. Skipjack)



9. Discrete Stock
(only High Seas
Not Straddling)

- 1) **Straddling Stocks** occur primarily in one EEZ
- 2) **Straddling Stocks** occur primarily on high seas
- 3) **Straddling Stocks** are evenly distributed between EEZ and high Seas
- 4&5) **Straddling Stocks** occur on High Seas and in one or more EEZs
- 6) **Transboundary Stocks** occur across EEZs, but not High Seas.
- 7&8) **Highly Migratory Fish Stocks** (tuna and tuna-like) migrate across EEZs and High Seas
- 9) **High Seas Discrete Stocks** occur only on High Seas, not EEZ.

Status as a Coastal State

- ✓ LOS Convention Article 63
- ✓ Occurrence of a fish stock or parts thereof (zonal attachment)
 - volume
 - picture of the times
- ✓ In relation to an RFMO

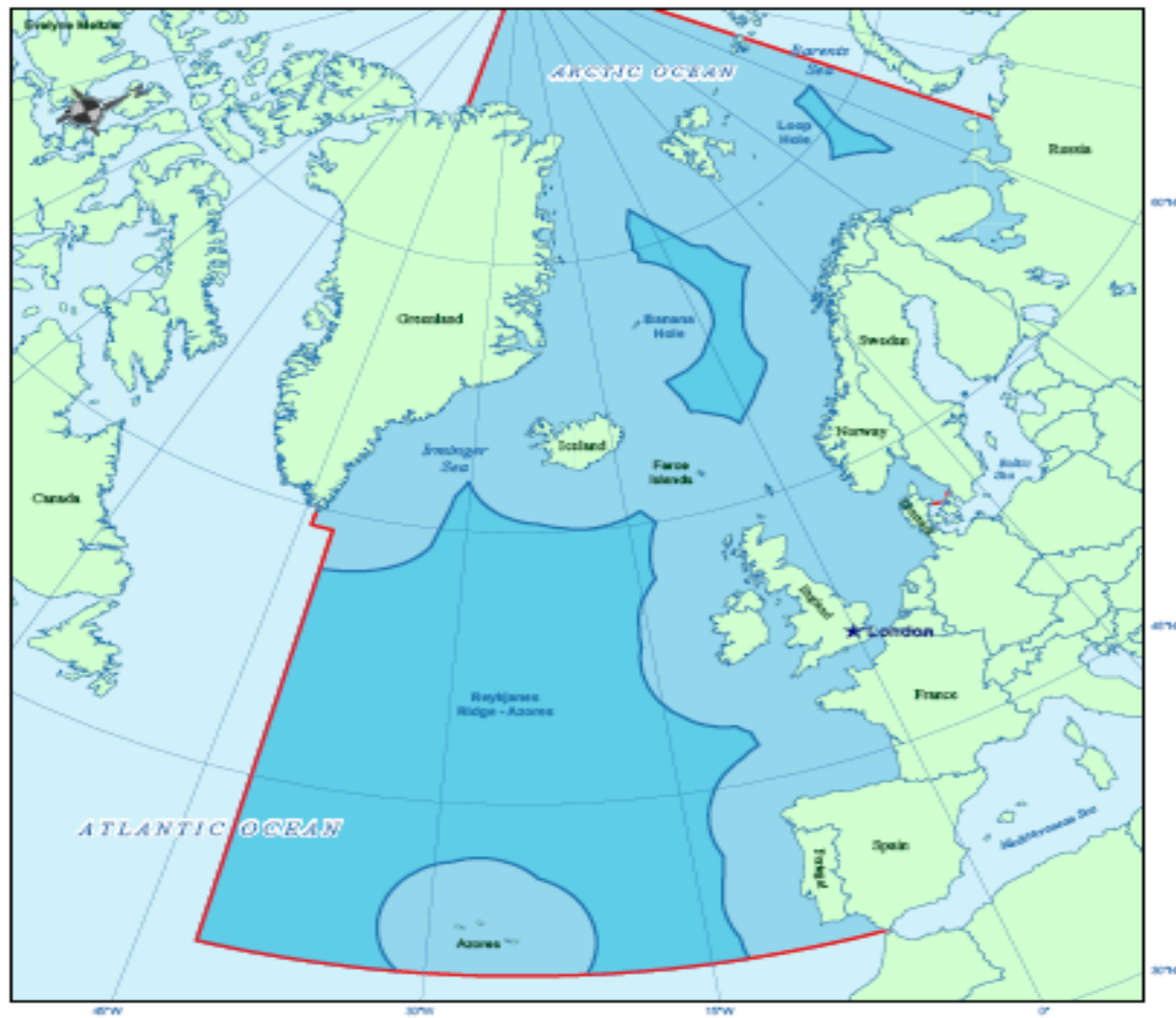


Zonal attachment - determination

- ✓ Spawning areas
- ✓ Distribution of egg and larvae
- ✓ Occurrence of juvenile and pre-recruit fish
- ✓ Occurrence and migrations of the fishable part of the stock
- ✓ History of the fishery, including distribution of catch, rate of exploitation and fishery regulations







For Statistical purposes only.
 Map Projection: Lambert Conformal Conic
 Standard Parallels: 47°N, 71°N
 Central Meridian: 20°W

Global Overview of Straddling and Highly Migratory Fish Stocks. Synthesize Melber: working copy 01/2006

North East Atlantic Fisheries Commission (NEAFC)

- RFMO Boundary
- NEAFC Convention Area
- NEAFC Regulatory Area

★ Headquarters: London, England

ICES Advice



”ICES shall advise on the sustainable use of living marine resources and protection of the marine environment”

Advice is based on peer reviewed science and approved by an Advisory Committee

ICES Members

Belgium
Canada
Denmark
Estonia
Finland
France
Germany
Iceland
Ireland
Lithuania

Netherlands
Norway
Poland
Portugal
Russia
Spain
Sweden
United Kingdom
United States

Cooperation Norway - Russia

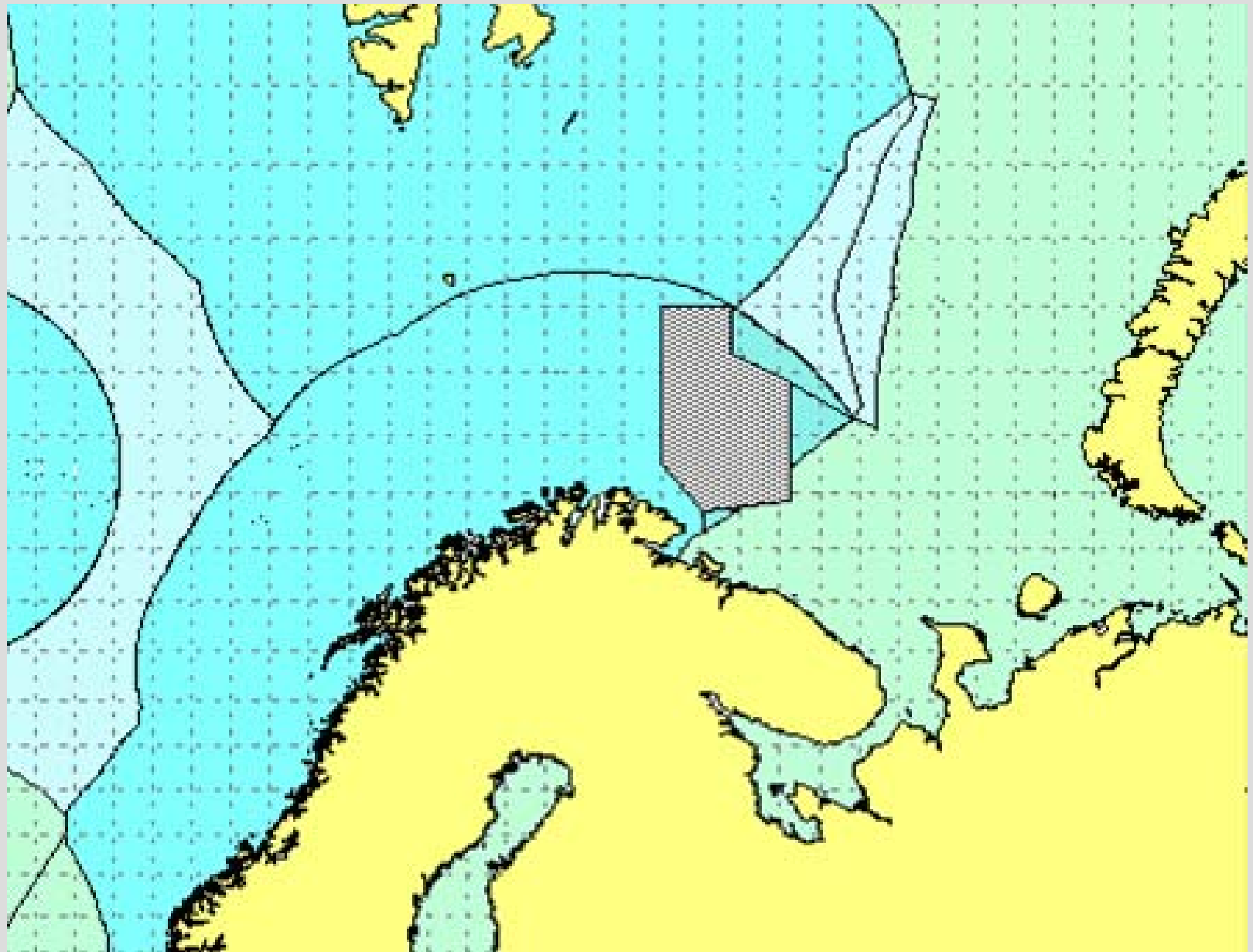
Framework Agreement, 1975

"to continue the existing cooperation within fisheries management"

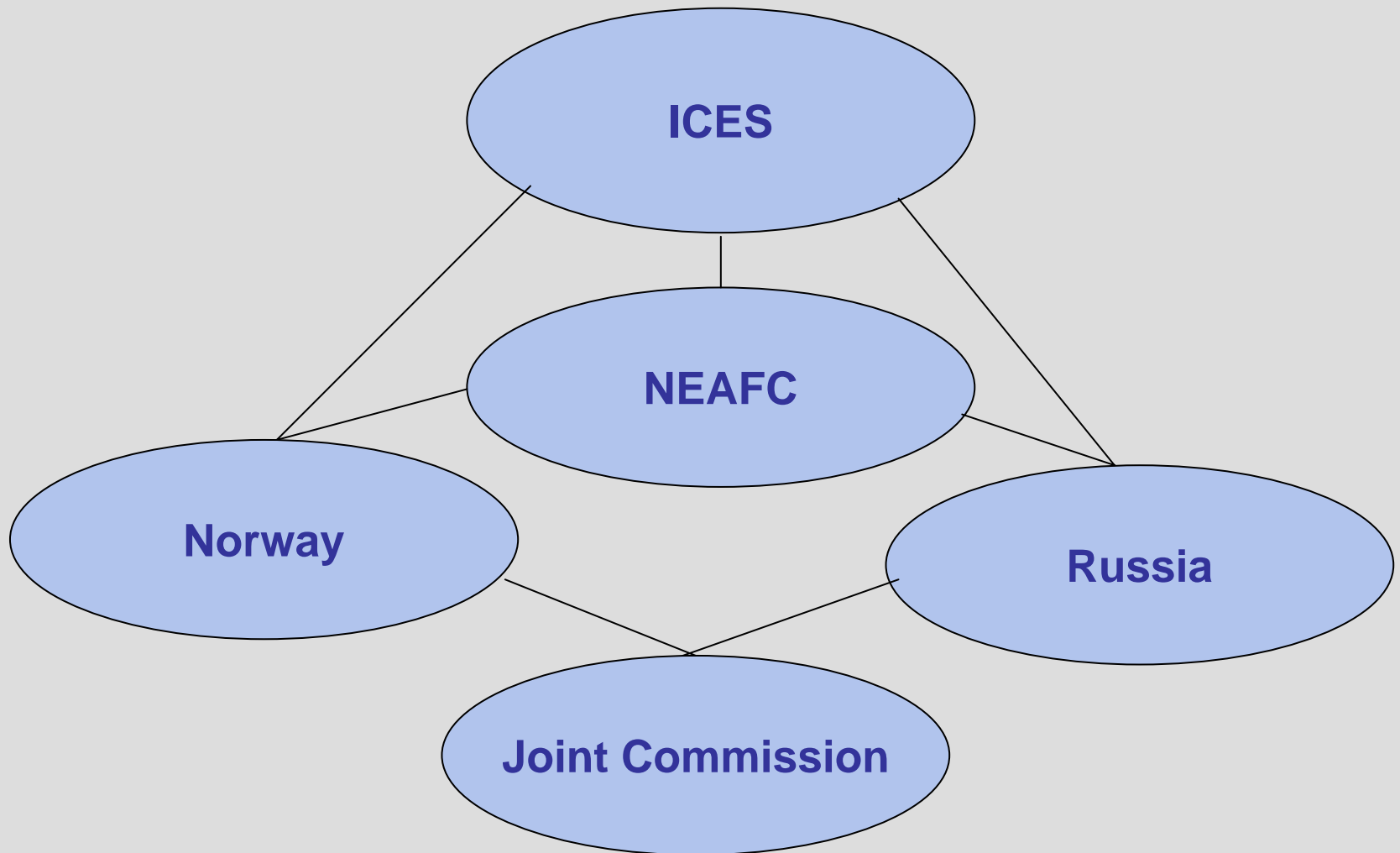
Joint Norwegian-Russian Fisheries Commission, 1976

"commitment to cooperate in responsible management"

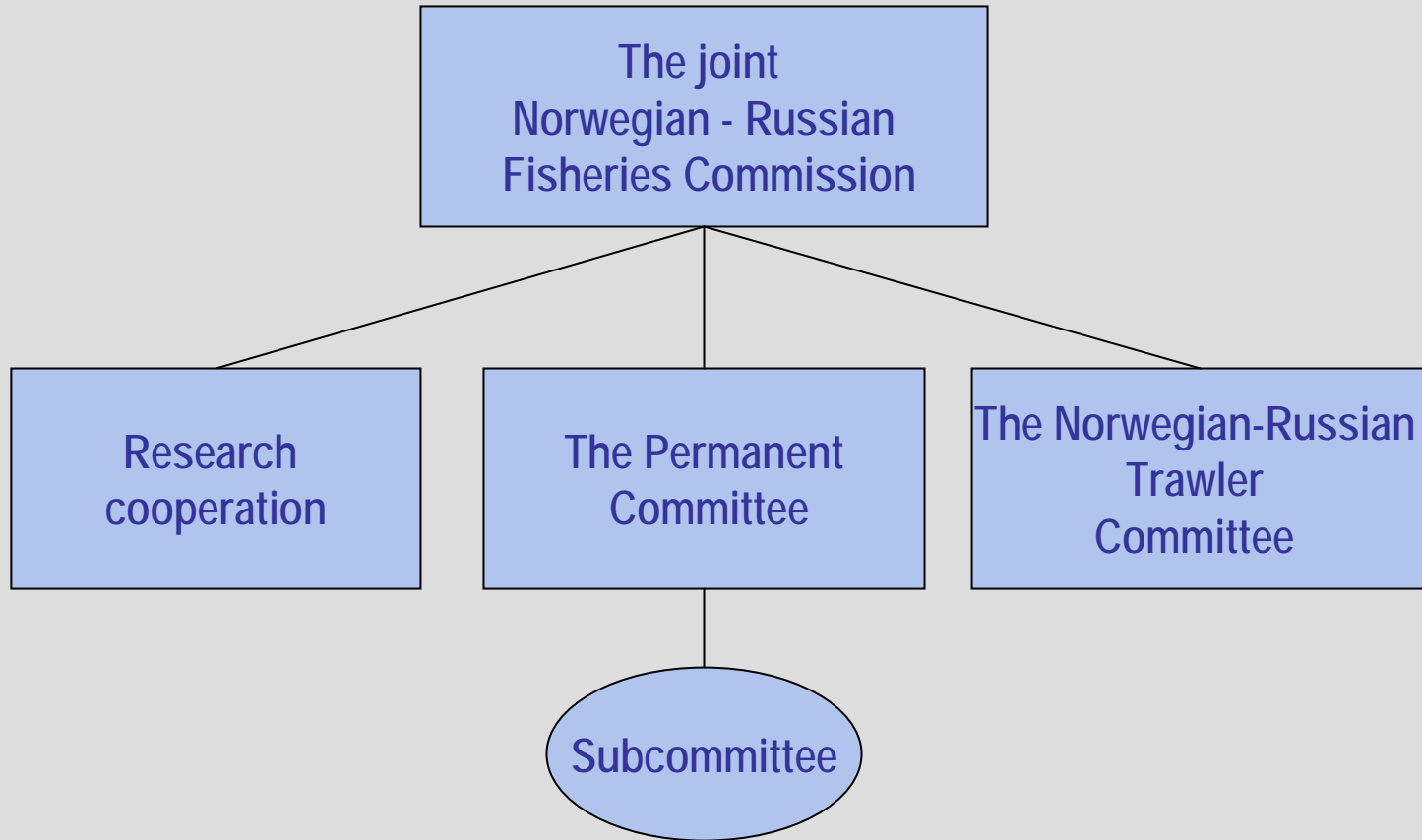




Norway – Russia, obtaining scientific advice



Cooperation Norway - Russia



Joint Norwegian-Russian Fisheries Commission

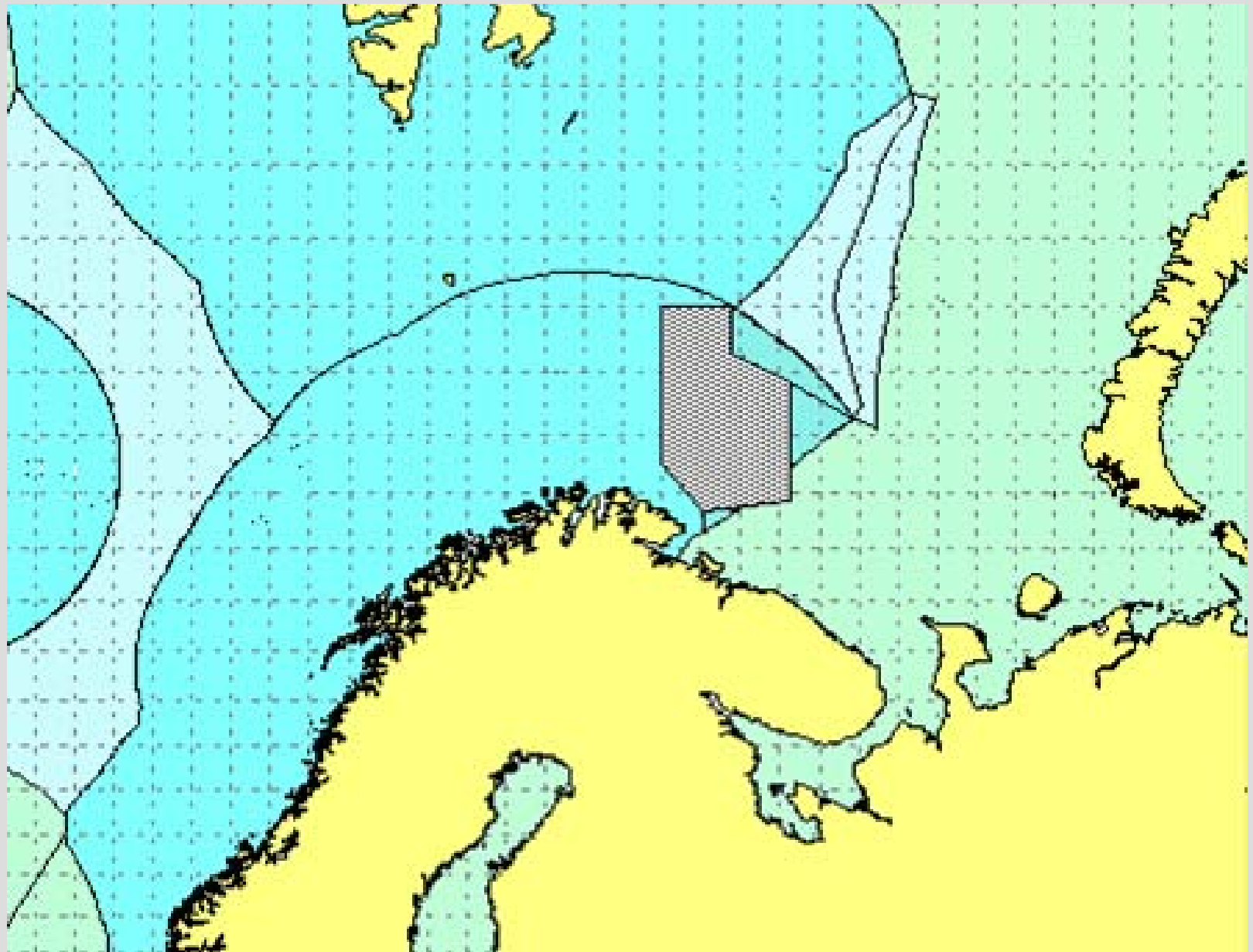
- ✓ Research
- ✓ Sharing of data
- ✓ Management plans
- ✓ Total Allowable Catches
- ✓ Other management measures
- ✓ Exchange of fishing quotas
- ✓ Licensing arrangements
- ✓ Monitoring, Control and Surveillance



Sharing of joint resources

- ✓ **1977: cod and haddock**
 - a political decision as not sufficient scientific information to determine zonal attachment
- ✓ **1979: capelin**
 - based on historic catch data and to a certain extent zonal attachment
- ✓ **2009: Greenland halibut**
 - Working Group, but.....

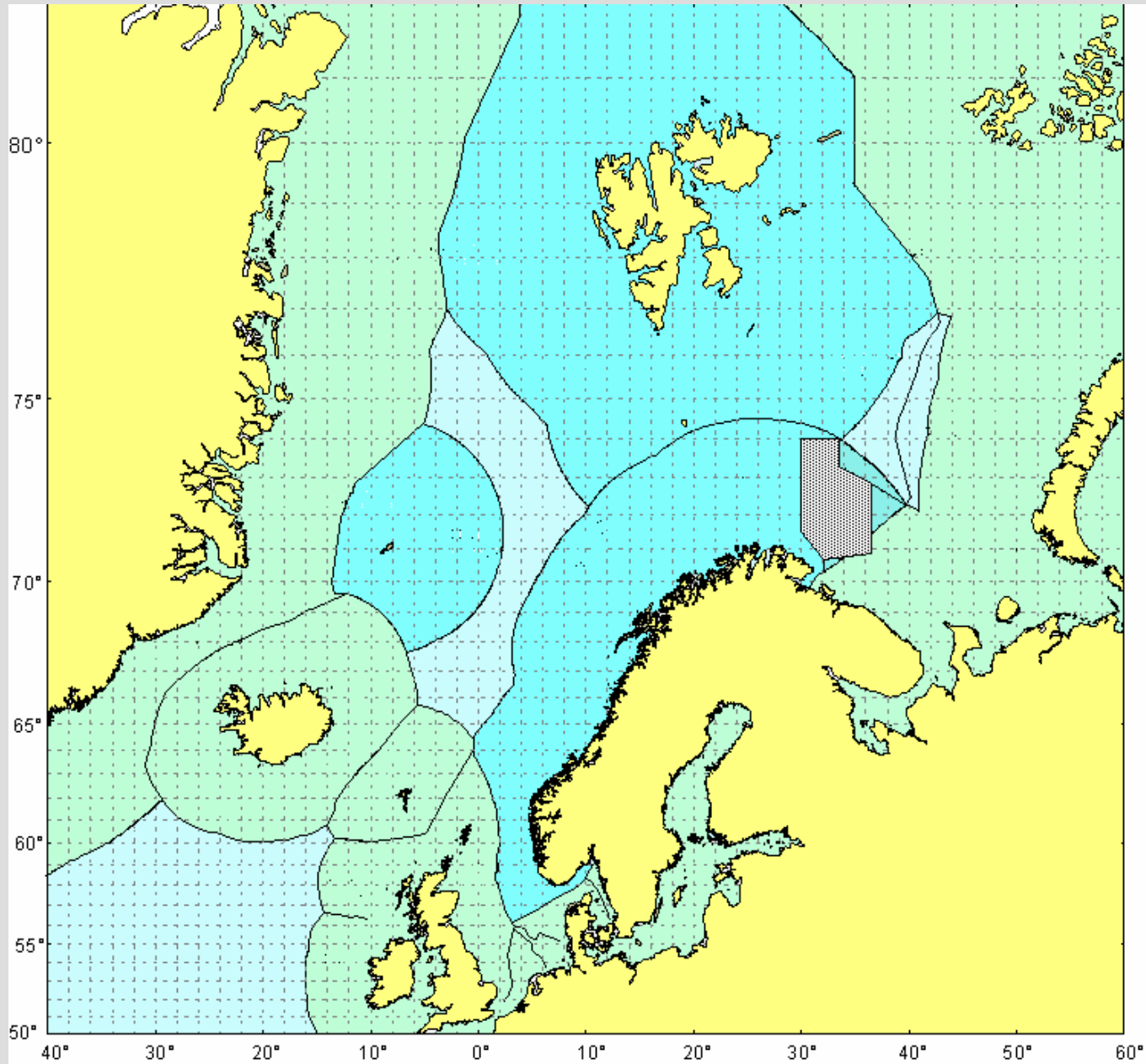




The Loophole Agreement

- ✓ **Background**
- ✓ **Relation to NEAFC**
- ✓ **Elements of the Agreement**
 - **quotas and related commitments**
 - **specific duties**
 - **licensing arrangements**
 - **duration**
- ✓ **Consequences for other agreements**





Multilateral arrangements - herring

- ✓ Scientific advice
- ✓ Coastal State Agreement
 - Parties
 - Management plan
 - TAC and allocation
 - Transfers
 - Access arrangements
- ✓ NEAFC component



Players in Central Arctic Ocean

- ✓ Coastal States
- ✓ ICES
- ✓ NEAFC
- ✓ Joint Norwegian-Russian Fisheries Commission



Thank U
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