

# SECA enforcement and same risk area in Danish waters

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# Sulphur regulation and enforcement



## Compliance methods

- Low sulphur fuel
- Alternative fuel types
- Abatement methods

### January 1, 2015:

Sulphur limit at 0,1 %  
in marine fuels used in  
SECA's (blue areas)

### January 1, 2020:

Expected sulphur limit at  
0,5 % in marine fuels used  
anywhere in the world

# Enforcement of sulphur rules in Denmark

## Document control and fuel sampling



## Surveillance (experimental)



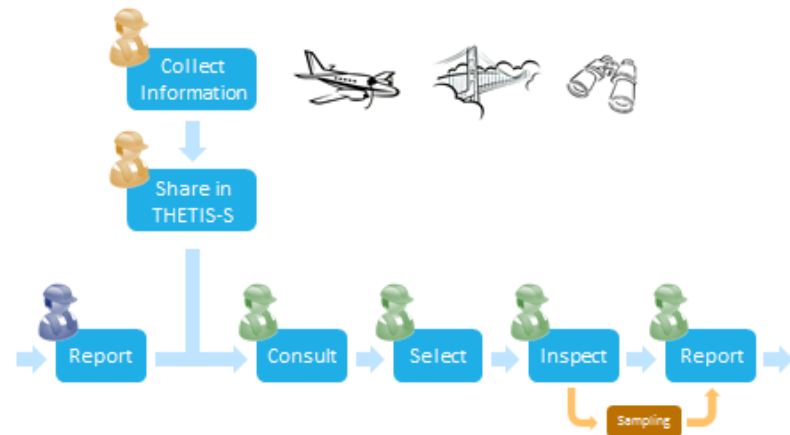
**95 % compliance** (EU SECA's)

# International cooperation on enforcement

## Knowledge sharing



## Joint databases



International cooperation necessary → IMO to discuss harmonized enforcement measures?

# Preparing for the implementation

The purpose of the Ballast Water Management Conventions (BWMC) is to minimize the spread of aquatic invasive species by ships ballast water

BWMC contains rules on:

- Treatment and discharge of ballast water from ships
- Exemptions based on risk assessments



# Same Risk Area

Draft definition: “Same Risk Area is the delimitation of a body of water that allows one risk assessment to be applied to all ports and locations within that area”

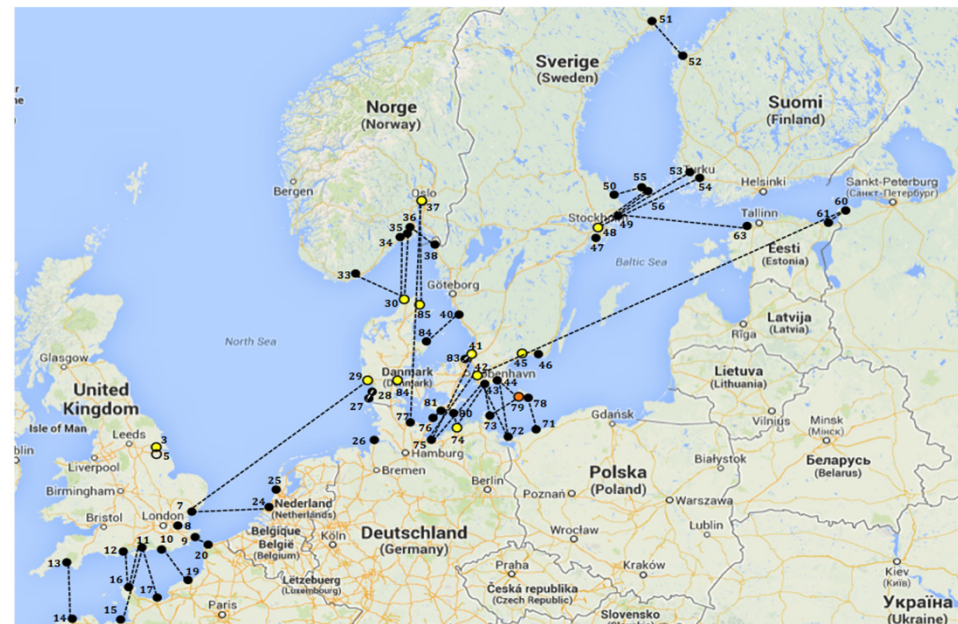
Authorities appointing a Same Risk Area are those accepting risk assessments under the BWMC and granting exemptions to vessels

Today, Authorities can only give an exemption on the basis of a risk assessment for every route

**Black** < 500 ship calls

**Yellow** 500-1,000 ship calls

**Orange** 1,000 – 1,500 ship calls



*International RSS routes in the North Sea and the Baltic Sea*

# Why same risk area?

Denmark has introduced the concept of a “Same Risk Area” to allow for:

- Two or more routes can share a risk assessment
- Ease the administrative burden
- Ease the cost for ferries and short sea shipping
- Same protection for the marine environment
- More that one country can prepare one common risk assessment for a given sea area
- All dispensations to routes in a given sea area can be granted on the basis of the same risk assessment





## Way forward

- Denmark is working on a more precise description and a scientific basis for the concept to be further discussed at the next MEPC
- The work aims at documenting that the Same Risk Area concept can provide the same safety for the environment as the existing methods already approved by MEPC

