

# **“Monitoring of the implementation of the Sulphur Directive in the EU”**

**BPO Seminar - Transport Week**

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- Sulphur Directive and EMSA's role
- THETIS-S, Frequency of Sampling
- Monitoring of the Implementation – first observations
- Final remarks

# Sulphur Directive - EMSA's role

- **Assist the EC in the implementation of the Sulphur Directive**  
(agreed action plan, development of inspection guidance, training for sulphur inspectors, etc.)
- **Support the EC preparation of the Implementing Acts**  
(e.g. frequency of inspections and sampling, sampling method, sampling points)
- **Facilitate harmonised reporting of implementation and enforcement**  
(e.g. Union Information System: THETIS-S)
- **Act as Technical Secretariat in the 'European Sustainable Shipping Forum'**  
(e.g. Sub-groups Implementation, LNG, Scrubbers, etc)
- **Organise Ad-Hoc Expert Groups with industry and Member States**  
(e.g. : 2 workshops on Sulphur Directive implementation, 1 scrubbing technology, etc )
- **Annual review of MS' reports on compliance with the sulphur standards**



Generate PDF Inspection Report Save Delete

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# Report

Liberia

Container

PI

Lis

02-02-2015

02-02-2015

05-02-2015



Active

# The EU 'Sulphur Directive' (1999/32/EC)

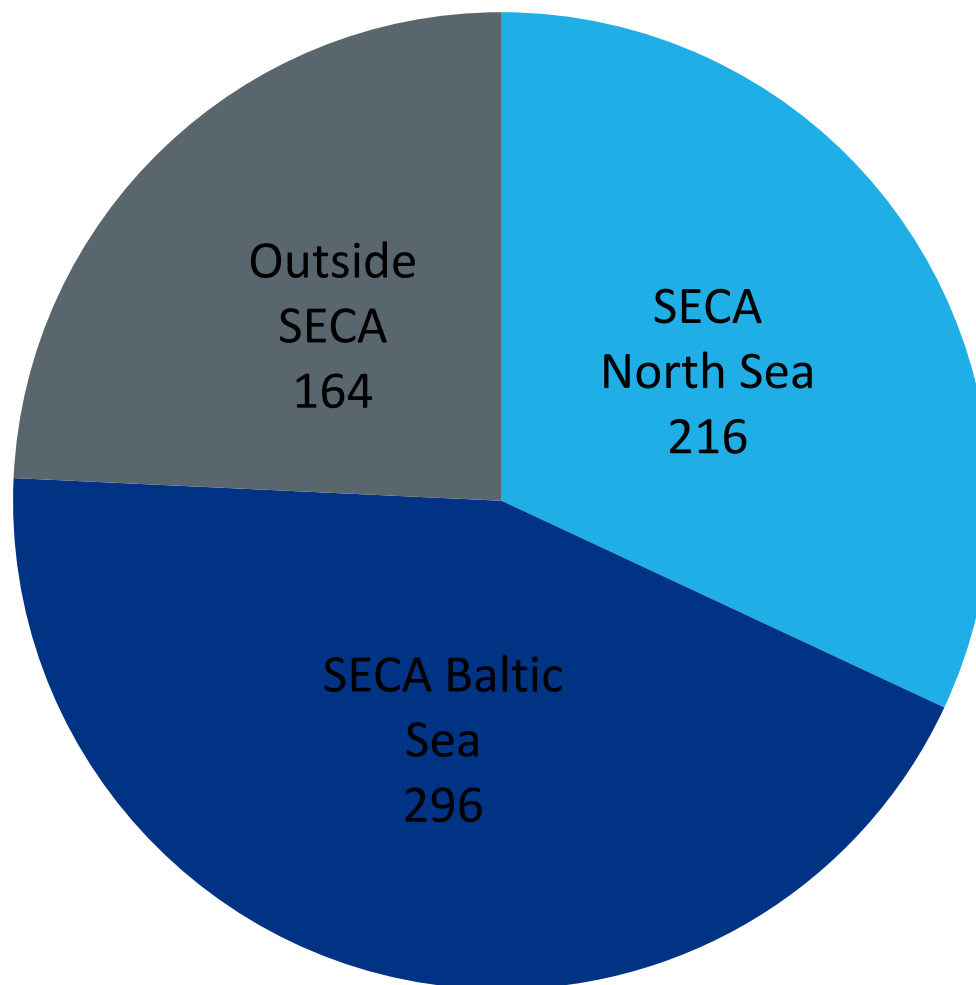


- **Directive 2012/33/EU brought EU legislation in line with the 2008 MARPOL revision**  
*(i.e. latest amendments to the Sulphur Directive; as per international commitment)*
- **Emphasis on Implementation by Member States through binding measures**  
*(strengthening enforcement/monitoring of compliance, Commission Implementing Decision (EU) 2015/253)*
- **Inspections and Sampling frequency OBLIGATIONS for EU Member States per year:**
  - Inspections on documentation in at least 10% of individual ships calling in a MS
  - Sampling of marine fuels used on-board ships (from 01/01/2016):
    - in 40% of the inspections for SECA MSs
    - in 30% of the inspections for partly SECA MSs
    - In 20% of the inspections for non SECA MSs
- **Sampling frequency of marine fuels delivered to ships OBLIGATIONS for EU Member States**  
*(i.e. targeting marine fuel suppliers repeatedly delivering out of spec fuel)*
- **Monitoring of compliance: Member States must submit a report on compliance by 30 June each year**  
*(content and format of the annual reporting defined in Art.7 of the Commission Decision)*
- **Key to Enforcement: Member States shall establish a system of penalties**  
*(the provisions on penalties should be notified to the European Commission)*

# Sulphur Inspections in THETIS-S



Number of recorded inspections per Region  
THETIS-S 01-JAN > 12-MAR-2015



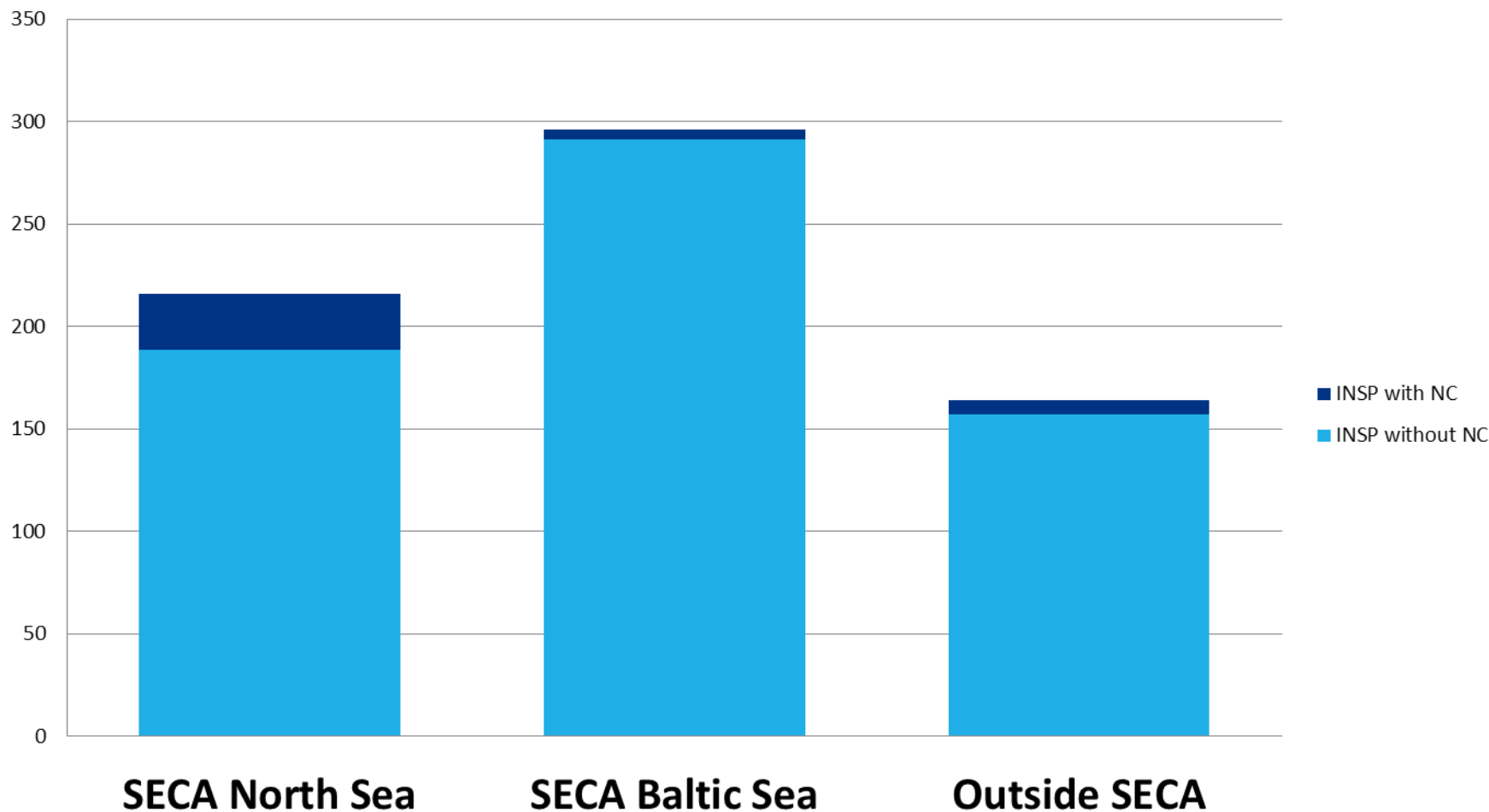
Data as of 12/03/2015



# Distribution of non-compliances per Region

THETIS-S, 01 Jan > 12 Mar 2015

nr of inspections with and without non-compliances per Region



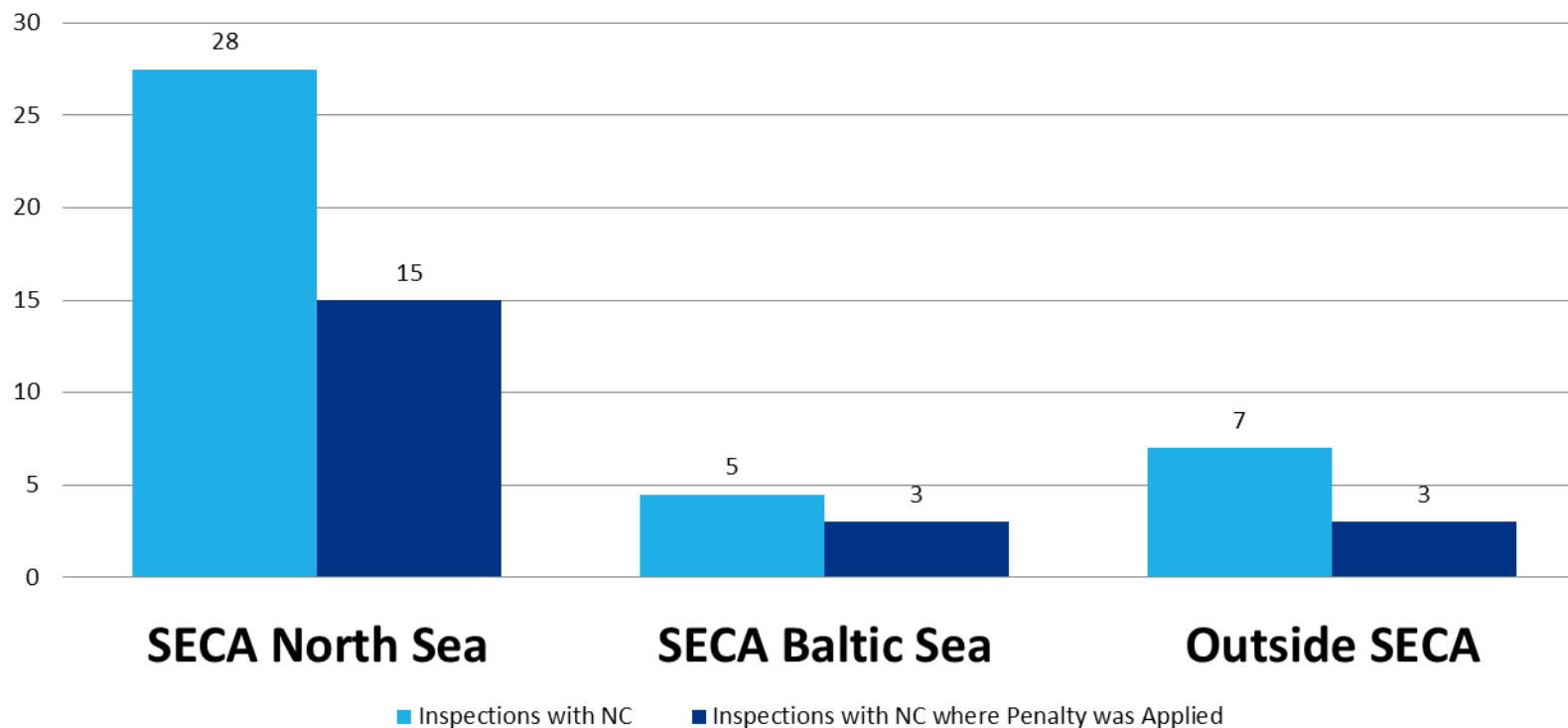
Data as of 12/03/2015

# Inspections with Non-Compliances vs Penalties



**THETIS-S, 01 Jan > 12 Mar 2015**

**Inspections with non-compliances where a Penalty was Applied per Region**



Data as of 12/03/2015



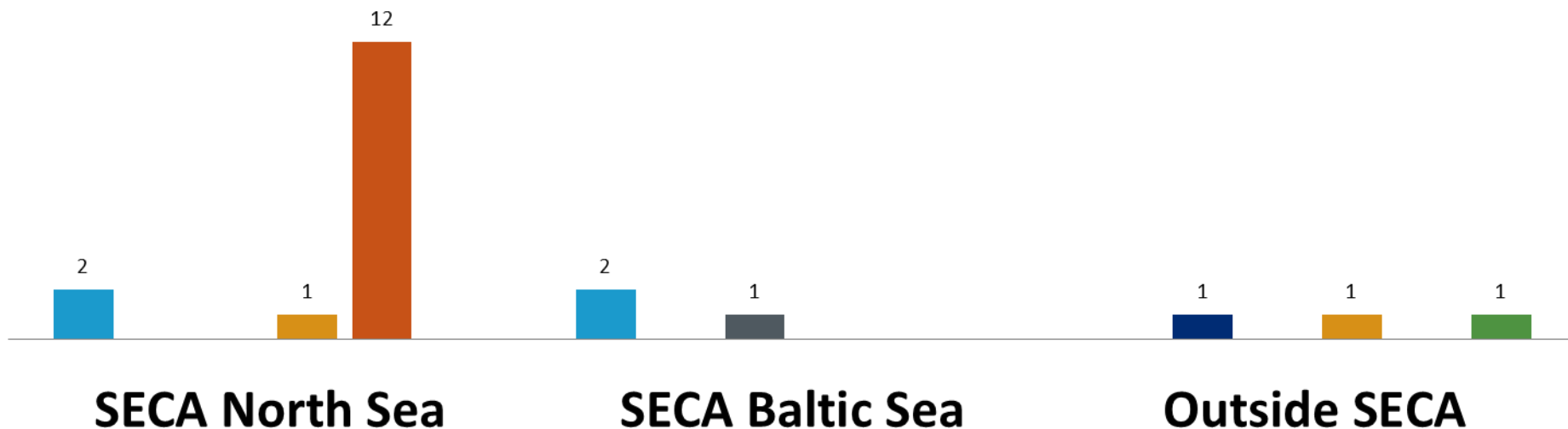
# Penalties per type of Non-Compliances



THETIS-S, 01 Jan > 12 Mar 2015

Type of non-compliances where a Penalty was Applied per Region

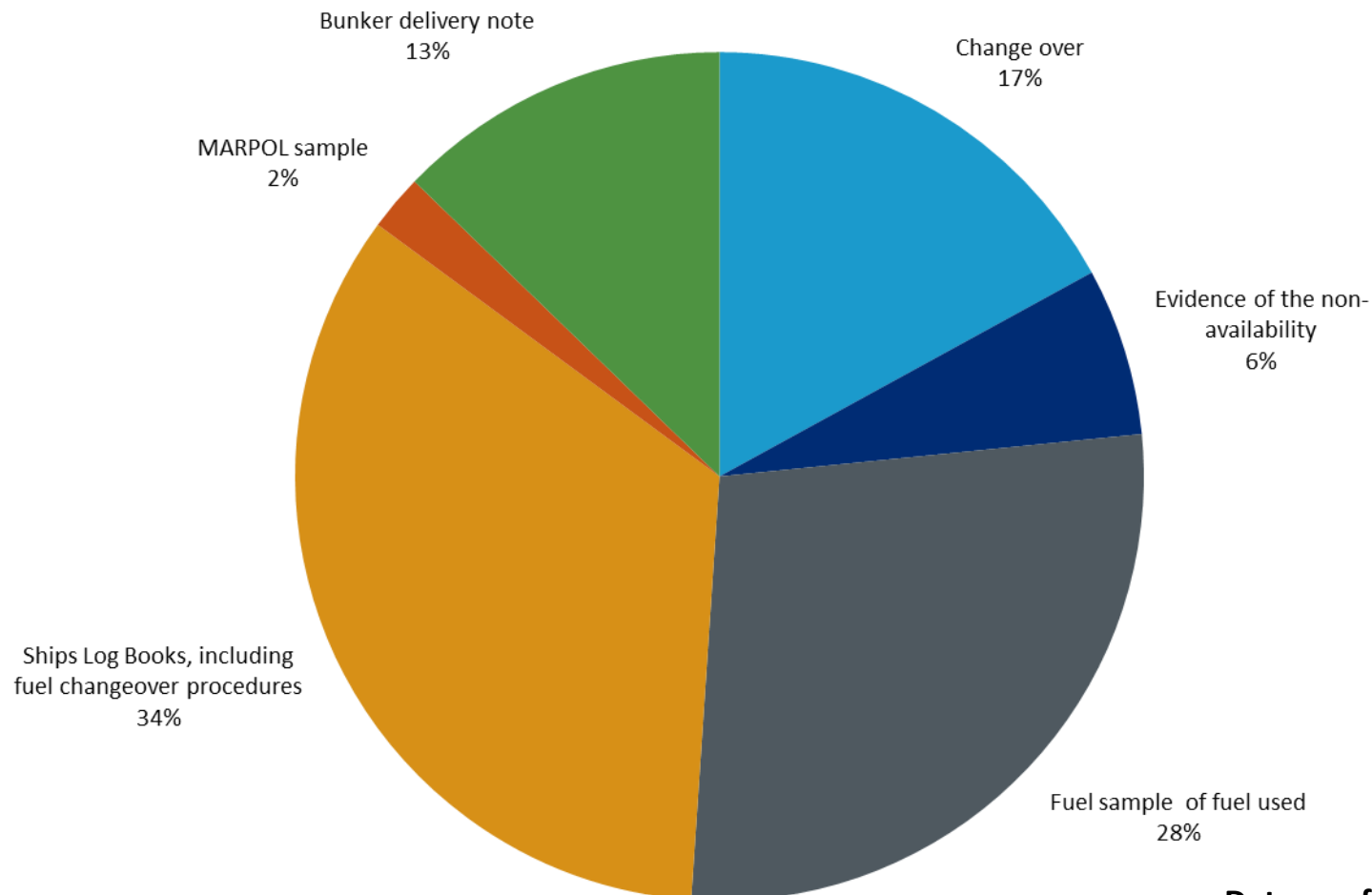
- Fuel sample of fuel used
- MARPOL sample
- Change over
- Bunker delivery note
- Ships Log Books, including fuel changeover procedures
- Evidence of the non-availability



Data as of 12/03/2015

# Type of non-compliances found

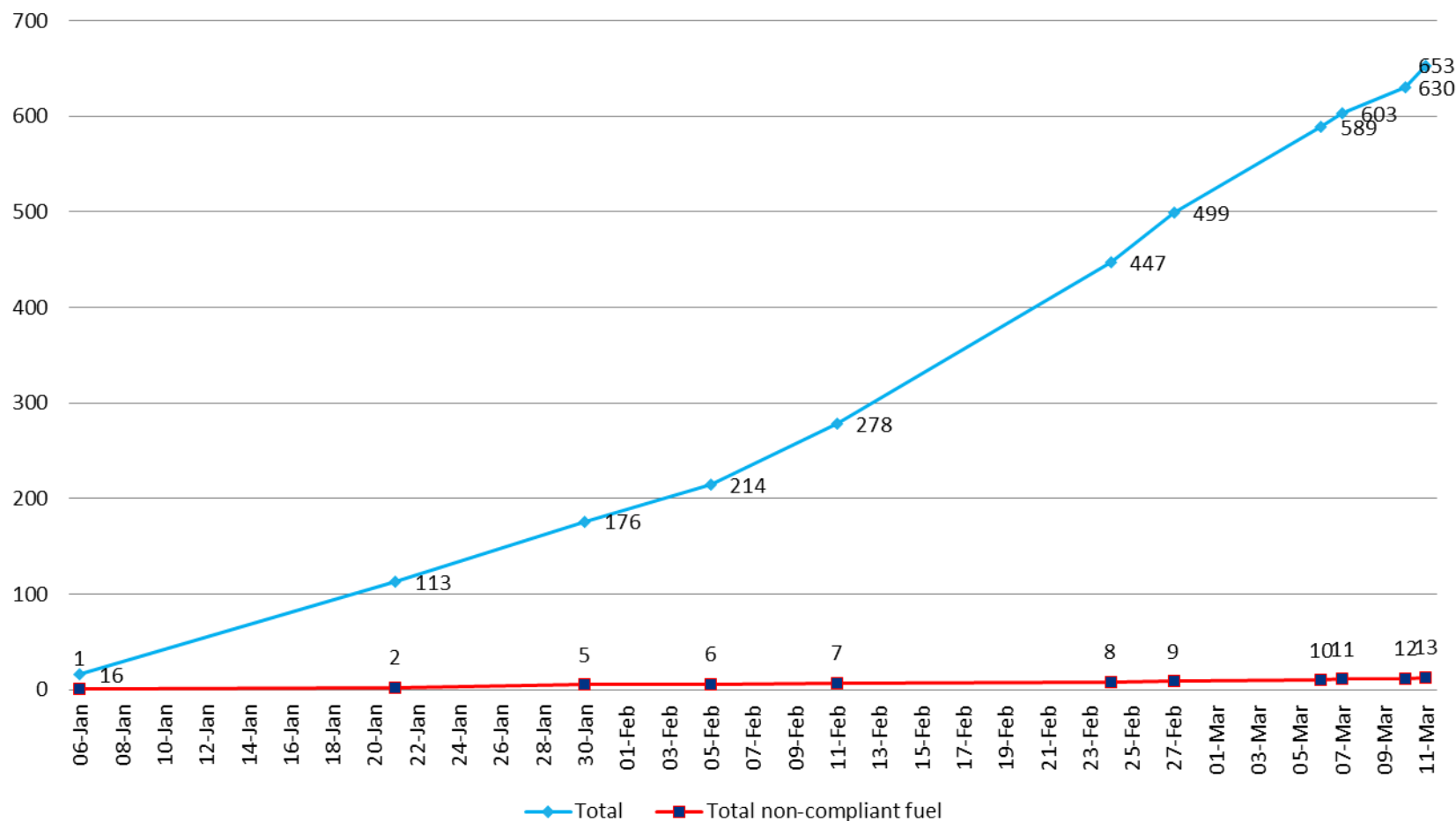
## THETIS-S 01-JAN > 12-MAR-2015 Non-compliances grouped per type



Data as of 12/03/2015

# Sulphur Inspections vs. Non-compliant fuel

Total Sulphur Inspections recorded versus  
total of inspections resulting in Non-Compliant fuel

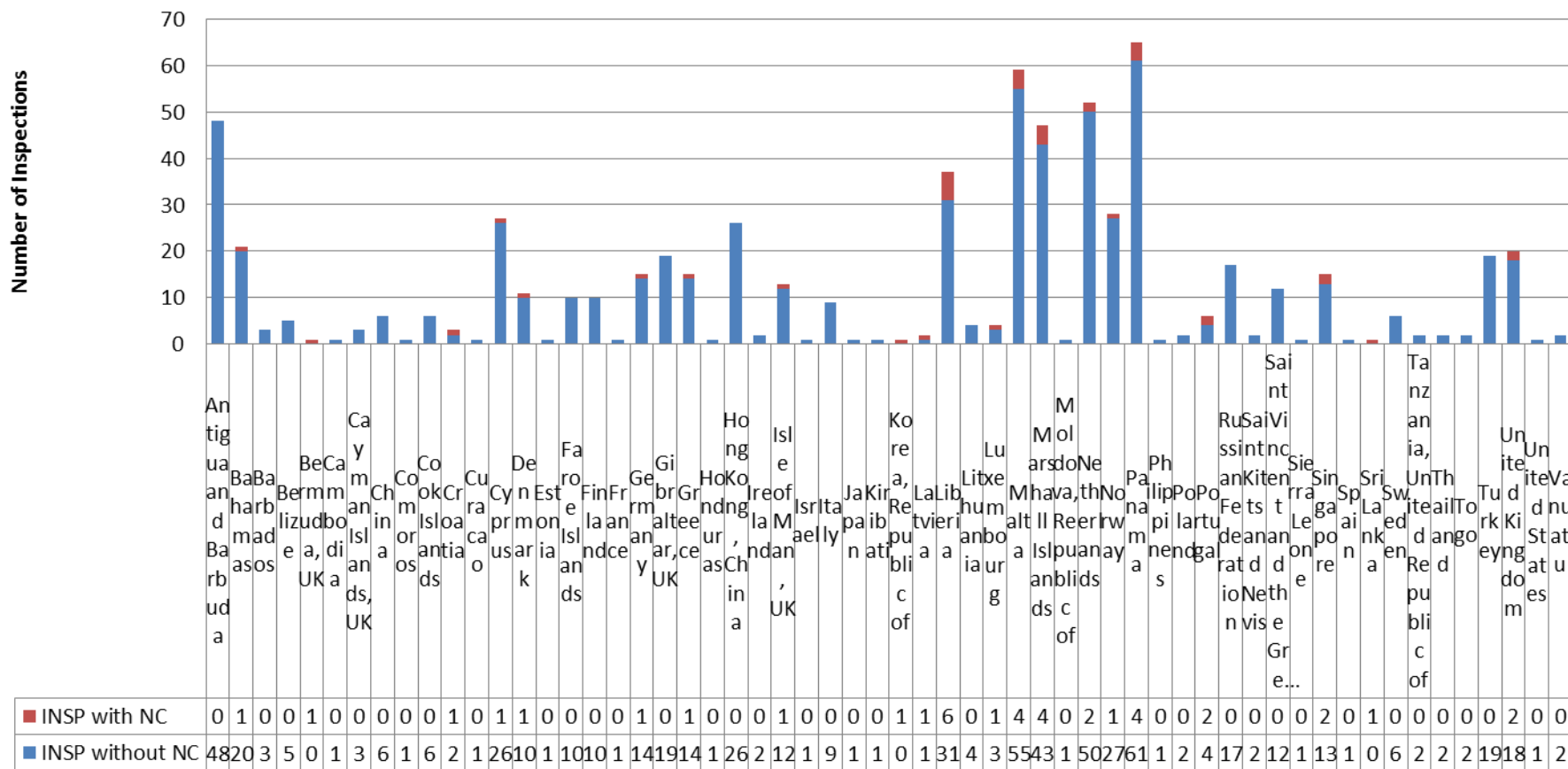


Data as of 12/03/2015

# Non-compliances versus Flag of ship

THETIS-S, 01-Jan> 12-Mar-2015

nr of inspections with and without Non-Compliances per Flag State



Data as of 12/03/2015



- Current enforcement based in most cases only on document verifications
- Relatively low number of cases reported with non-compliant fuel so far
- A risk-based targeting system should help in better use of resources
- Further harmonization of enforcement efforts could be beneficial



# Thank you!

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