



# SMM 2010 - EGCSA Workshop

SMM 2010

Hamburg, Germany

8<sup>th</sup> & 9<sup>th</sup> September 2010

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# Workshop Schedule

- EGCSA overview
- Couple Systems
- Aalborg Industries
- Q&A – 10 minutes
- MES
- Belco
- Hamworthy
- Q&A – 10 minutes
- Wartsila
- Clean Marine
- Q&A followed by refreshments & EGCSA Handbook



# IMO - Adoption of EGCS



## MEPC 59

- Guidelines for Exhaust Gas Cleaning Systems adopted
  - Wash water criteria to be reviewed in future
  - Technology providers to collect samples, analyse & report to IMO

## MEPC 60

- IMarEST submitted a pH amendment
- Norway submitted questions of validity of EGCS as “equivalent”
- Chair of MEPC postponed both papers

# IMO - Adoption of EGCS



## MEPC 61

- United States submit response to Norway addressing
  - Equivalence
  - Technical changes
  - Adequate provision for enforcement
  - Postpone review until sufficient in service data available
- France submit response to Norway & IMarEST
  - Equivalence in terms of environmental impact to be confirmed by sample collection & analysis. Call on EGCSA to contribute
  - Postpone review until sufficient data available

## United States USCG & EPA



### General Vessel Permit

- USA EPA have approved a GVP
  - The permit relates to water quality and discharges from vessels
  - Upon pre-application allows discharge of EGCS wash water in US waters

### Review of Guidelines for Exhaust Gas Cleaning Systems

- USCG consulted with EPA regarding Guidelines
  - EPA invited to comment on wash water criteria
  - EPA responded that criteria robust & that EPA content with the standard

# European Regulators



## EC Member States

- Several indicating that they are content with current Guidelines
- Use of EGCS in port has so far not raised any objections
- Finland and Danish have approved an EGCS

## Cost of compliance with low sulphur



Organisations in Baltic have raised concerns over cost of compliance and written to the EC

- European Commission have rejected any changes to planned legislation
- The arguments over cost did not consider EGCS as an option
- Today there are a range of EGCS solutions that meet needs of both large and small vessels



# THANK-YOU

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