



Test of InvaSave: Feedbacks of the last demo in Gijón

Ignacio Pérez del Molino Pérez-Vizcaíno | Product Manager MARPOL





- Video InvaSave test
- Test details
- Results
- Feedbacks



On-board connectivity: It is fundamental to have previously prepared a customized on-board connection point to attach the hose (standard deck connection)



- Pre-test preparation: 08h30 to 15h00
- Actual test with machine running: 15h00 to 17h00 (2 hours)
- Amount of water passed through the system: 100 m³/hour
- Amount of sludge generated: 2kg
- Two samples of outgoing water were taken for lab analysis to check the system works



- The test was a success: InvaSave was attached directly to barge's connection point and treated ballast water
- We have managed to treat 200 m³ in 2 hours
- Laboratory analysis confirmed the treatment was effective and samples met the limits established in Ballast Water Convention

- Nowadays vessels require previous work on board to connect InvaSave: a connection point needs to be customized (standard deck connection)
- Test was carried out under environmental controlled conditions, therefore we cannot conclude if ballast water treatment is compatible with commercial operations



InvaSave: 45 ft container, truck, electric generator
Dock Operating Cranes
Dock agent and supplier vehicles
Staff workers

Limited laytime of a vessel must be considered
Bulk Carriers can carry over 30.000 m³ of ballast water



Thank you!

Test of InvaSave: Feedbacks of the last demo in Gijón
Ignacio Pérez del Molino Pérez-Vizcaíno | Product Manager MARPOL

