

Dr. Franck Laruelle – Technical Team Manager – ITOPF PAJ Symposium, 7-8 March 2012, Tokyo

INTRODUCTION TO ITOPF



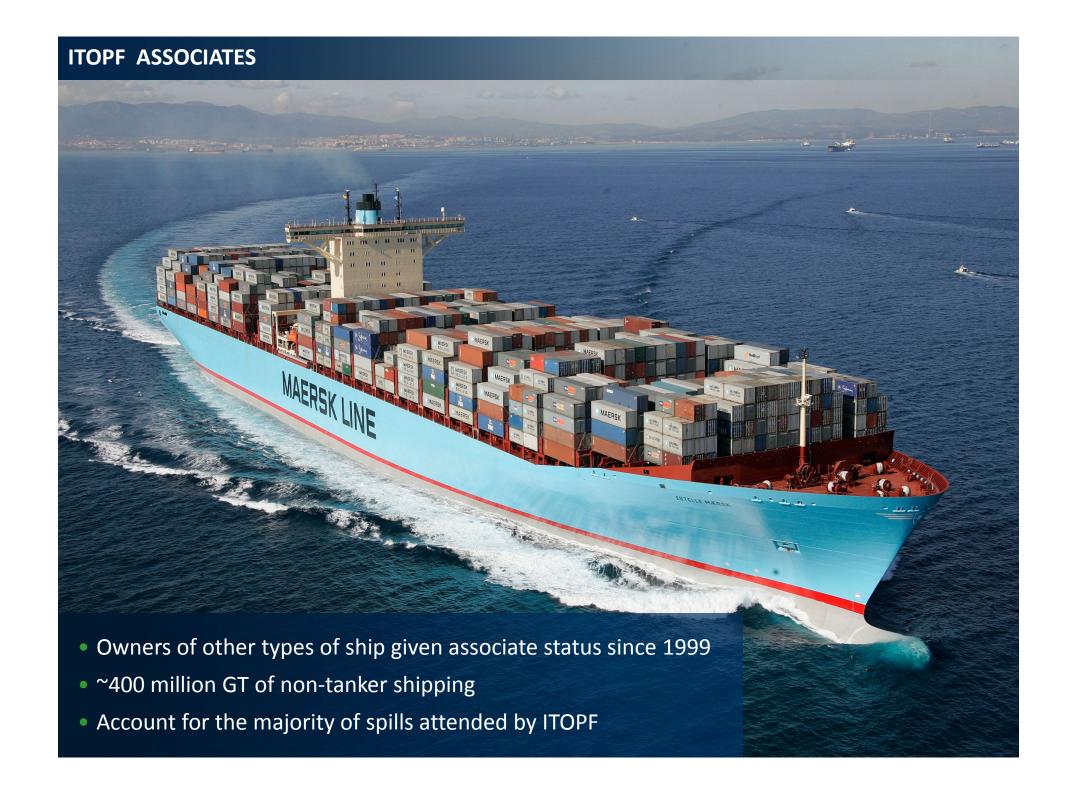


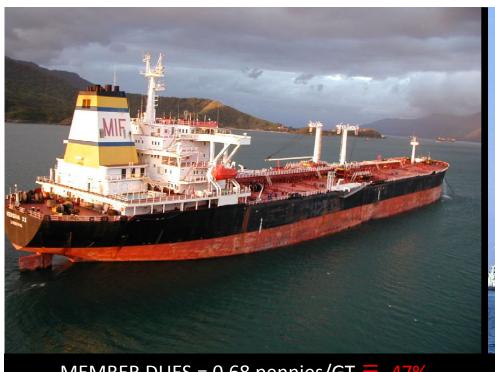




- >40-year history Established in 1968, after TORREY CANYON incident
- Technical organisation, 13 Technical Advisors, various nationalities
 - Marine Biology
 - Chemistry
 - · Coastal Resource Management
 - · Natural Resource Economics
- Advice on marine spills of oil & chemicals:
 - · Clean-up techniques
 - Damage assessment
 - · Claims analysis
- Non-profit status, based in London
- Service provided by shipping industry & P&I Insurers <u>for the benefit of all</u> parties involved

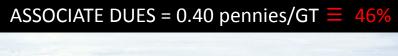








MEMBER DUES = 0.68 pennies/GT $\equiv 47\%$





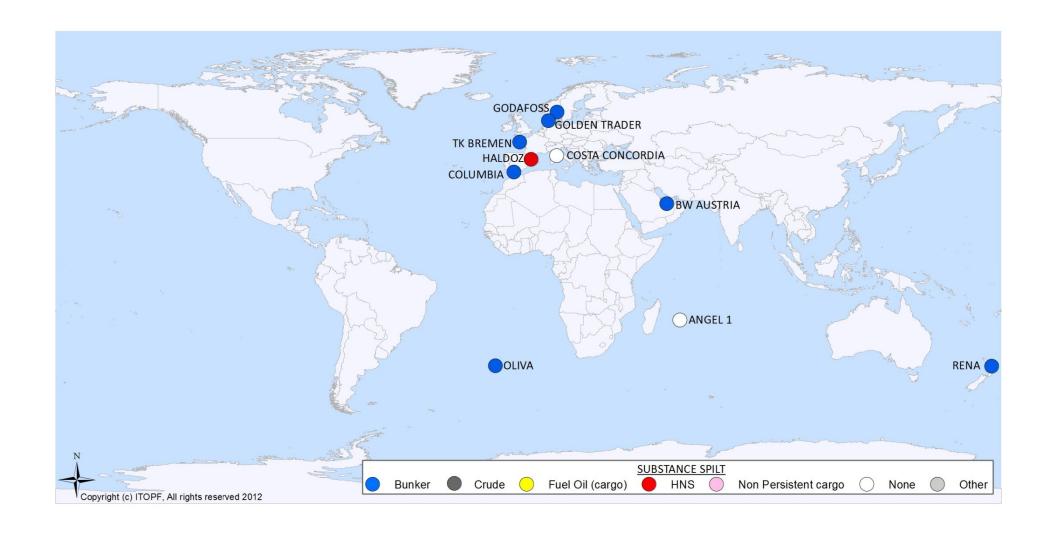


INCIDENTS ATTENDED WORLWIDE



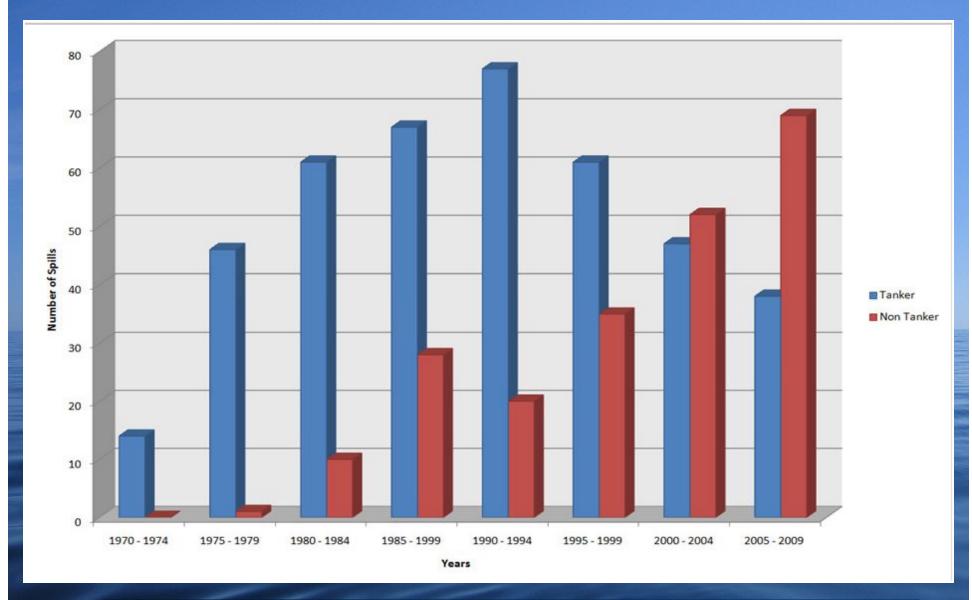
Attendance at 670 incidents in 97 countries since 1972

RECENT SPILLS ATTENDANCE



10 incidents attended from February 2011 – February 2012

GLOBAL TRENDS



Spills attended by ITOPF: Tankers vs. Non-tankers

ITOPF ROLE ON SITE









- Ship owners, P&I clubs, IOPC Funds request
- Survey site & monitor: extent/ nature of incident
- Work with entire spill response community
- Provide technical advice on response methods
- Provide technical advice: response/damage claims
- Assess environmental damage & restoration projects
- Always only in advisory role!

INFORMATION SERVICES











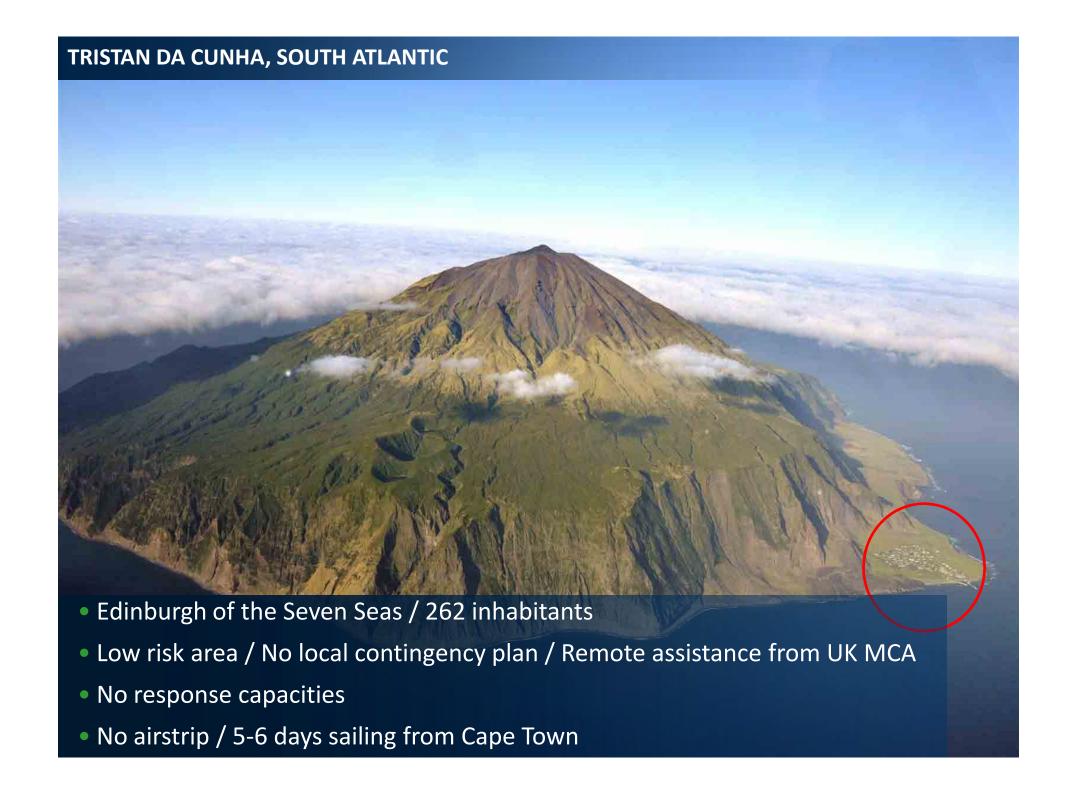


- Website with downloadable documents (e.g. Country Profiles)
- WebGIS with information on tanker traffic, spills & conventions
- Several ITOPF publications including the TIPS series
- Assist in production of other publications, e.g. the IPIECA series
- Library with an extensive collection of books, reports, conference papers, journals & videos open for visitors

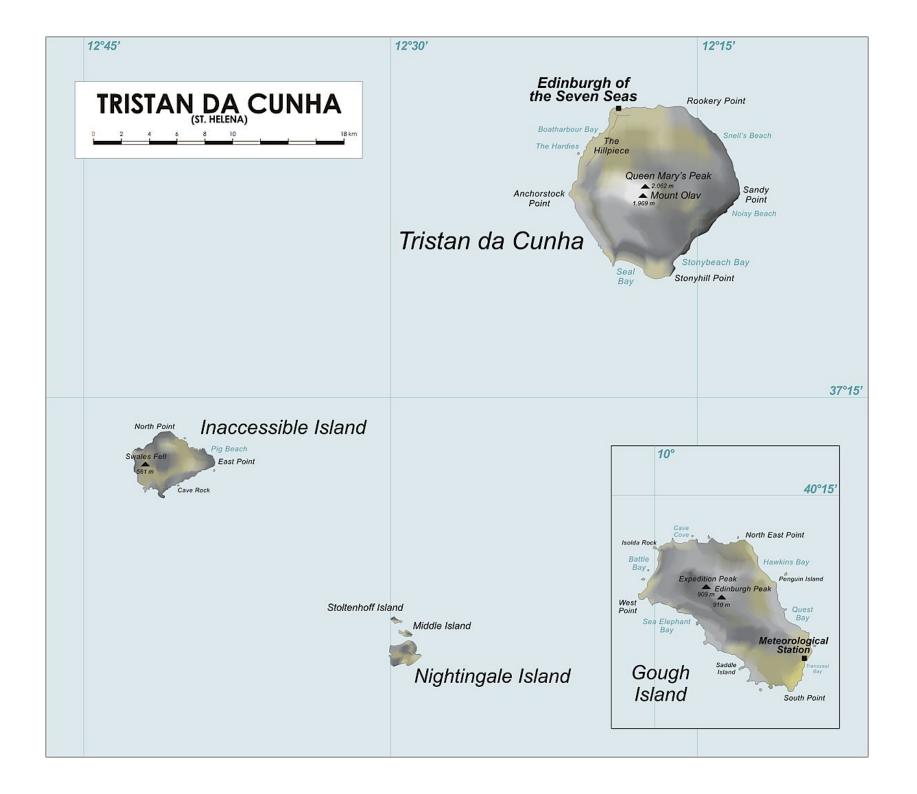
OIL SPILL RESPONSE IN LOW LEVEL PLANNING AND PREPAREDNESS AREAS: MS OLIVA



- Bulk carrier (40,170 GT; Built 2009)
- Cargo: 65,000 MT of soya beans
- Grounding on Nightingale Island / Tristan da Cunha / UK overseas territories
- Split up after a few days
- 1,400 MT of IFO320 spilled











- First picture of shoreline oiling received after a week
- Obvious need for shoreline response and wildlife (penguins) rehab measures
- Initial figures 20,000 to 30,000 penguins oiled
- Response options / techniques worked out from the few pictures available Cleanup plan set-up remotely (rocky shore clean-up techniques)

RESPONSE: INITIAL STEPS

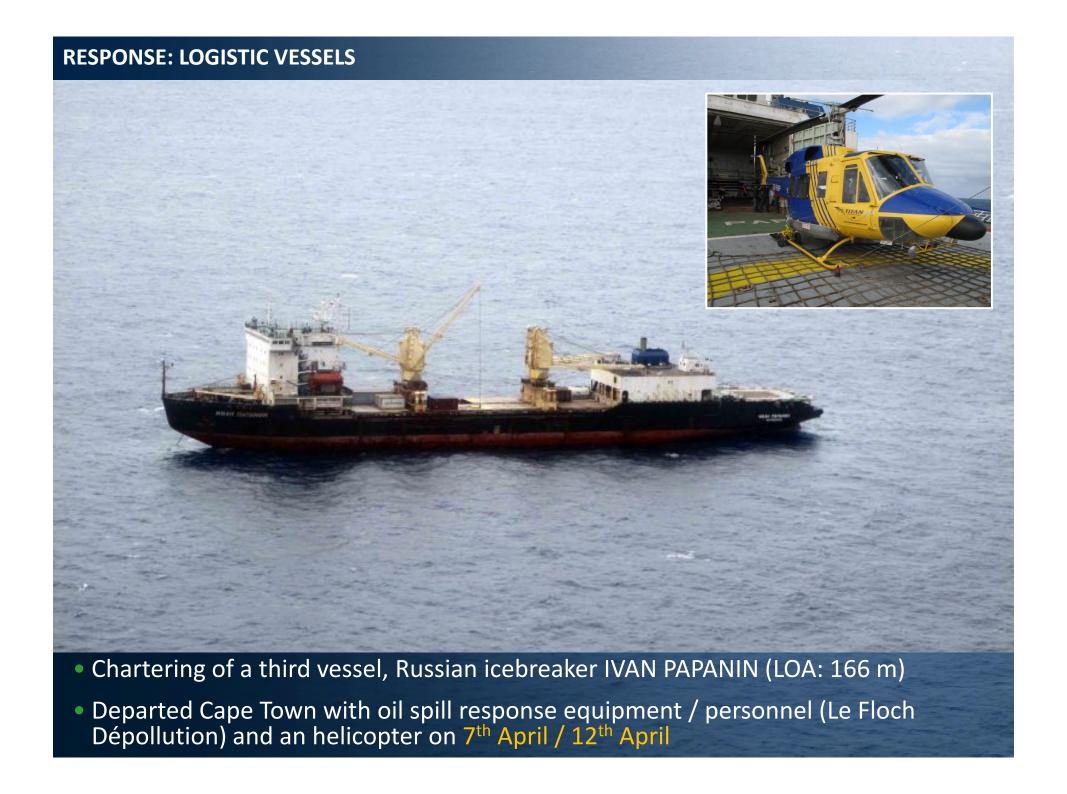


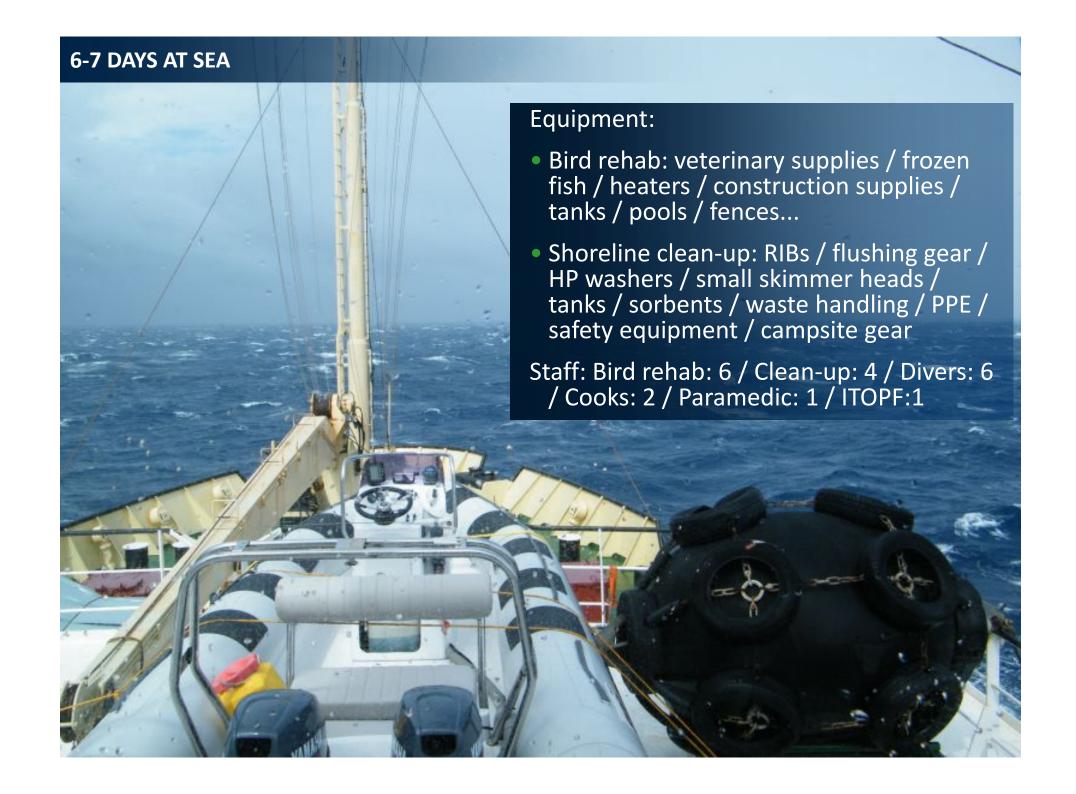


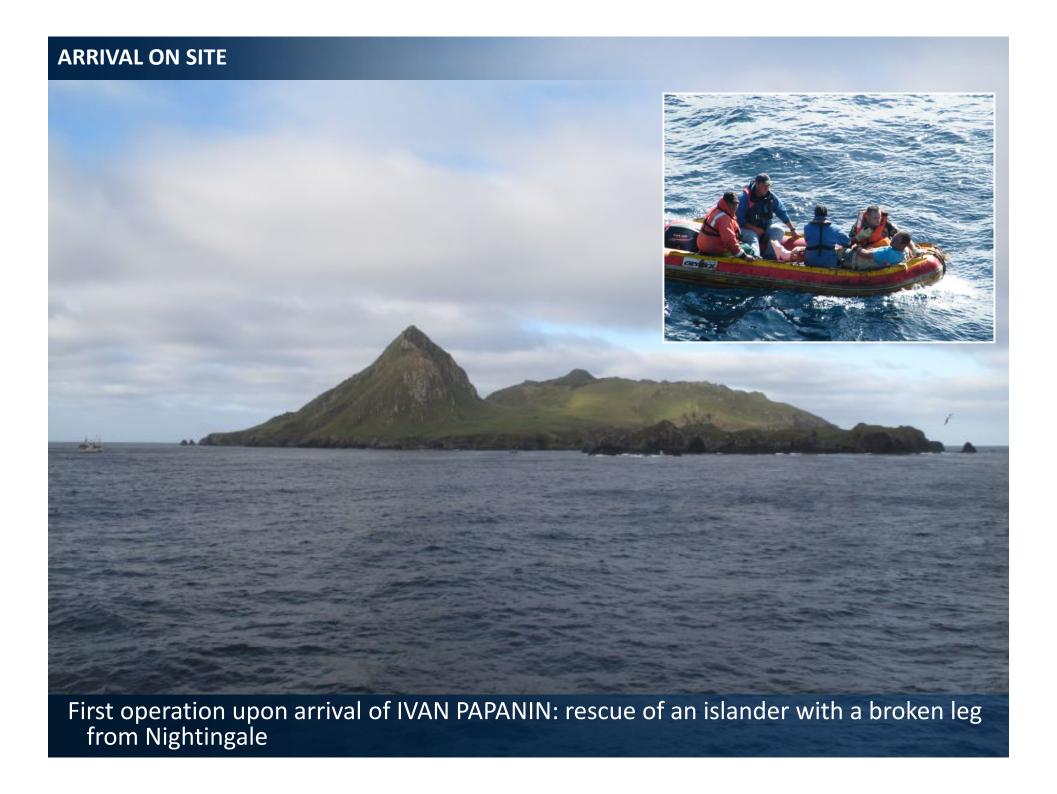
- Mounted from Cape Town by Club correspondent / ITOPF on behalf of P&I Club
- Salvage Tug (SMIT AMANDLA; LOA: 95m) with wildlife response equipment and 1 staff (17th March /21st March)
- South African seabird rehabilitation NGO (SANCCOB) contracted by the Club
- French clean-up contractor (Le Floch Dépollution) contracted by the Club
- Investigations to charter a second vessel with shoreline/wildlife response equipment and staff
- Discussions between UK and SA government to charter SA Fishery / Environmental protection vessels, but failed to succeed

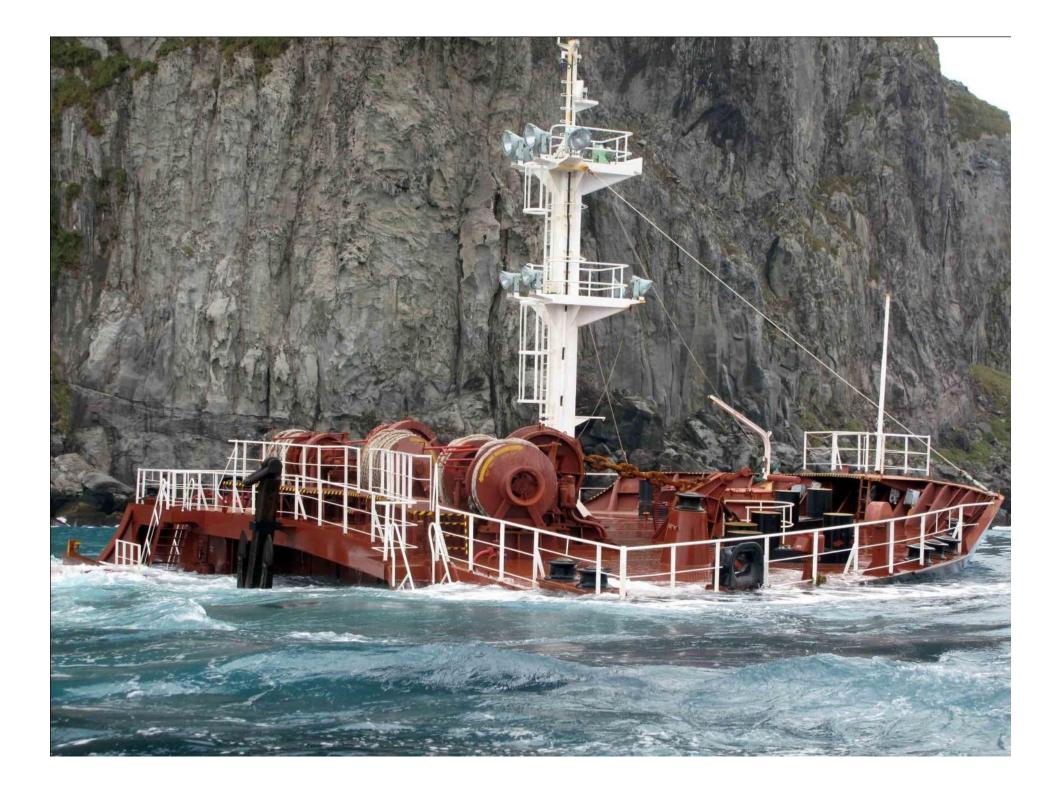


- Chartering of a second salvage tug SINGAPORE (LOA: 75m)
- SINGAPORE loaded with wildlife response equipment and staff (SANCCOB) departed Cape Town on 29th March / 4th April
- Wildlife rehabilitation operation scaled for 10,000 birds



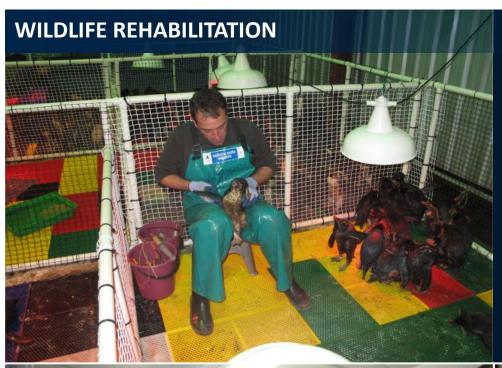






WILDLIFE RESPONSE: CAPTURE



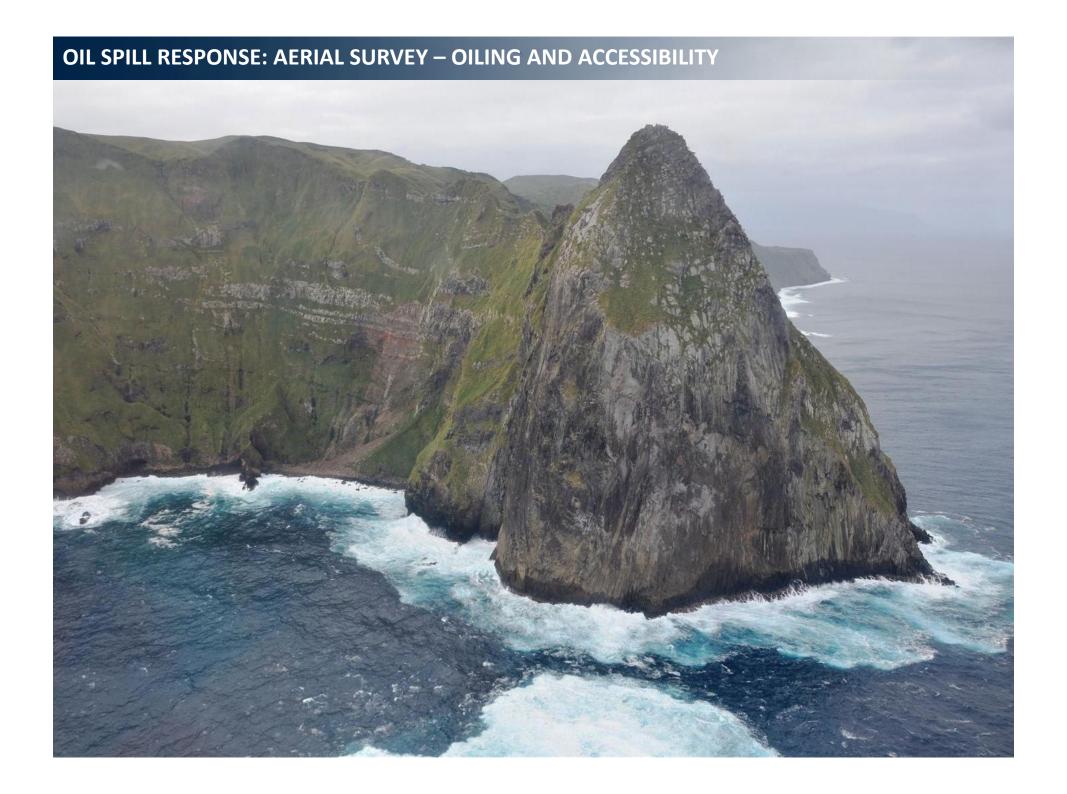


Set-up of bird rehab units:

- Stabilisation / feeding
- Intensive care unit / Euthanasia
- Washing unit
- Waterproofing / pools





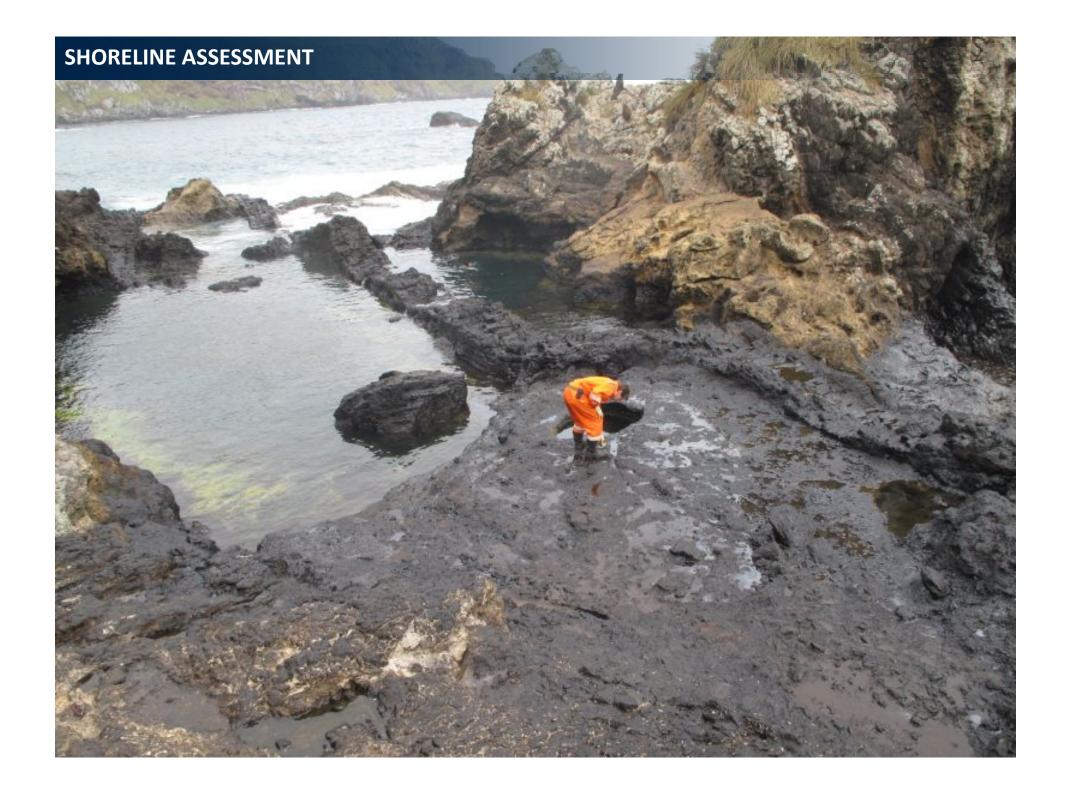




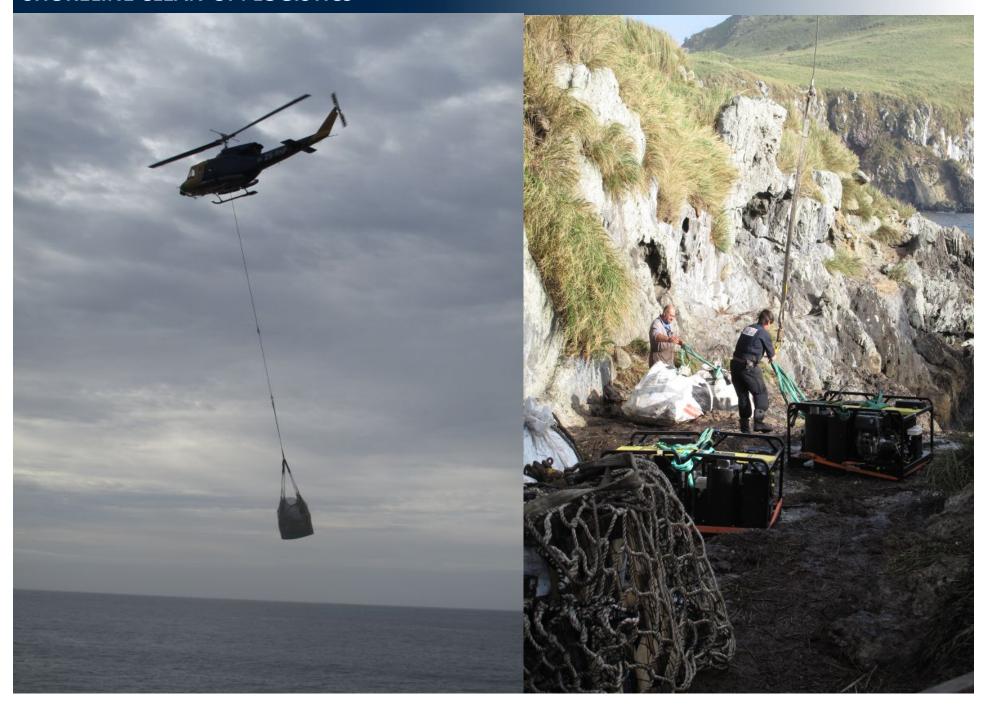
OIL SPILL RESPONSE: IDENTIFICATION OF PRIORITY AREAS



OIL SPILL RESPONSE: LANDING AREA SVITZER

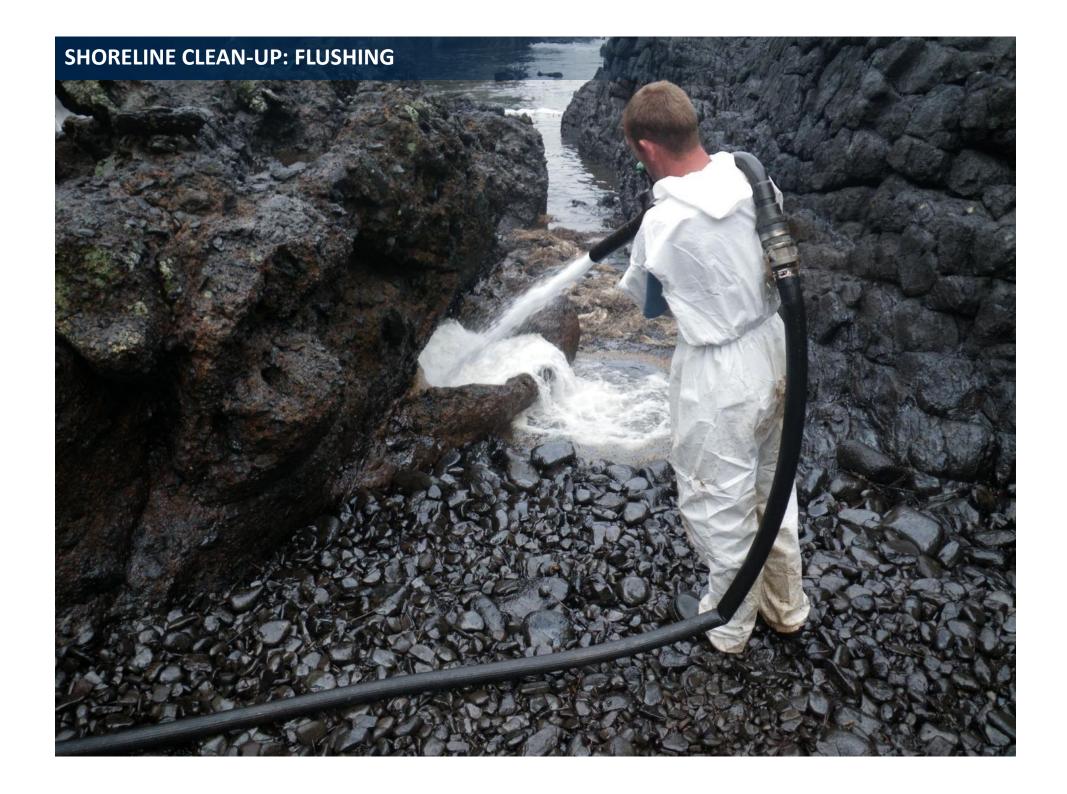


SHORELINE CLEAN-UP: LOGISTICS













SHORELINE CLEAN-UP: WASTE MANAGEMENT

- All waste transferred on board IVAN PAPANIN (by helicopter)
- All waste shipped to and disposed of in South Africa





OVERALL RESPONSE: CONCLUSIONS

Despite absence of contingency plan

- Response plan worked out
- Training of islanders
- Clean-up of main affected area carried out (Penguin landing site)
- Equipment left behind for the islanders to use in case of necessity
- Training of the islanders who pursued the rehab operation after SANCCOB's departure
- Penguin rehabilitation operation mounted despite difficulties – 381 released (~10%)

Challenges

- Vessel availability commercial chartering vs. State owned vessels
- Equipment mobilisation time
- Delays inherent to the remoteness of the spill location
- Timing of the spill wrt Penguins moult cycle





