

Rena grounding & response

Construction Clients Group



Rob Service 28 March 2012

Introduction



Rena leaving Wellington 2 October, 1,368 containers

Rena grounded on Astrolabe reef



Grounded around 2.20am 5 October



CV Rena

- 1,733 tonnes of HFO on board
- 1,300 tonnes HRO recovered
- 1,368 containers on board
 - 814 below deck
 - 121 reefer containers
 - 32 DG containers



11 October



Clean up operations



Awanuia in position 10 October



After storm now listing 21° to starboard - 12 October



Crack on the starboard side – Frame 191



From kitchen sink to sorting *Rena*

“You will hear them expounding on all the things the authorities have done wrong and how, with a pair of tin snips, a garden hose and a roll of duct tape, they could have had the containers offloaded, the oil pumped out and the ship safely refloated within 24 hours.

If only someone had asked them”

Karl du Fresne

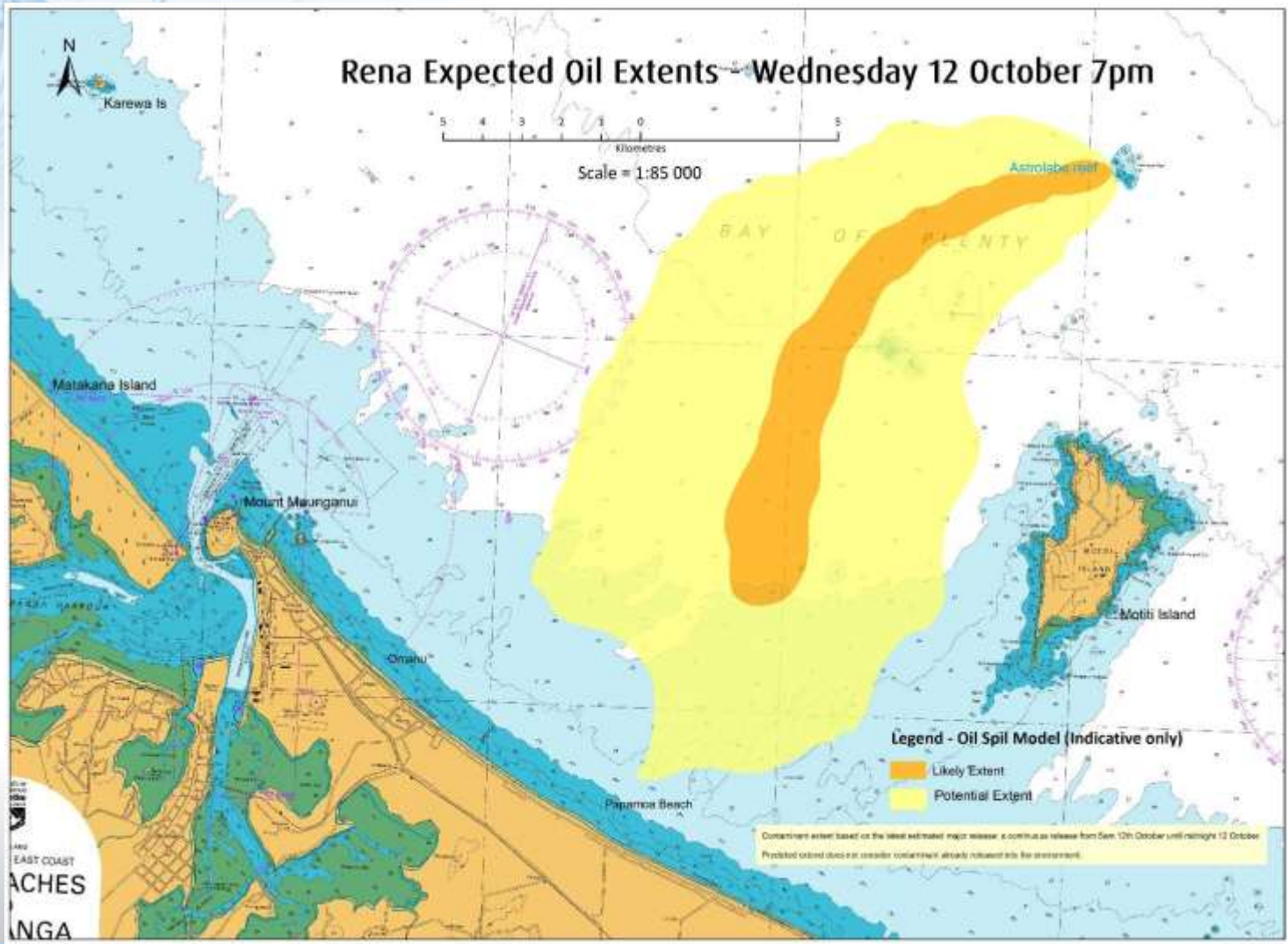
DomPost

Kibitzers

Oil Spill Response



Incident Control Centre (ICC) briefing



Forecast trajectory of oil 12 October 7:00pm



Papamoa Beach – Thursday 13 October



Papamoa Beach - Thursday 13 October



Clean up operations



Clean up operations



Booms being deployed at Maketu Estuary – 22 October



Awanuia and tug – 17 October



Fuel line to *Awanuia* – 18 October



Cargo hold



Rena Oil Facts & Figures

- 1,733 tonnes of HFO on board
- Approx 350 tonnes lost overboard in first week
- Over 1,000 tonnes of oily waste recovered from foreshore areas
- Over 1,200 tonnes of oil (mainly HFO) removed via Bunker Tanker Awanuia

Rena Oil Spill Response Personnel Facts & Figures

- Total of <800 personnel involved at height
- <500 NZDF personnel involved at height
 - NZ Army, RNZN & RNZAF
- Average 120 NZDF troops on ground over first 2 mths
- Approx 8,000 volunteers registered
- >100 volunteer cleanup ‘events’

Wildlife response



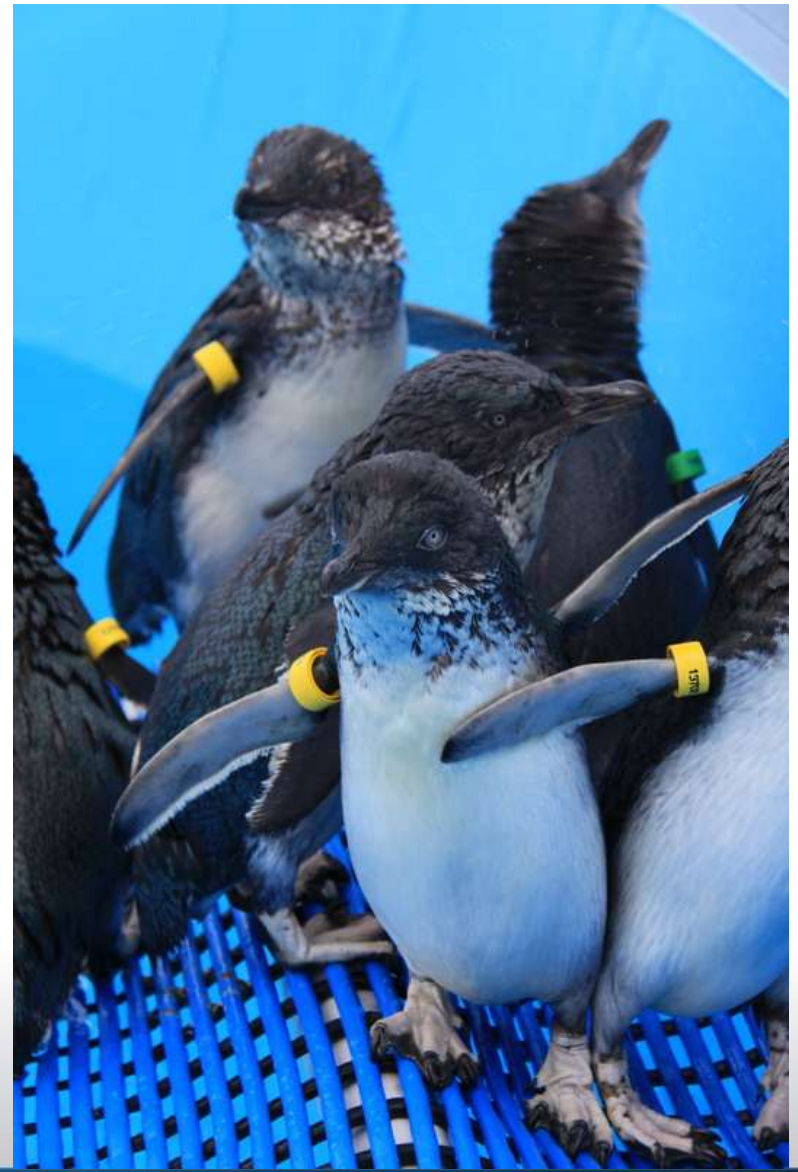
Waihau Bay - 24th October 2011



Wildlife recovery



Little blue penguins



Wildlife recovery

Rena Oiled Wildlife Response Facts & Figures

- Oiled wildlife treatment facility established with 500 bird capability
- >400 birds in care
- >340 little blue penguins rehabilitated & released
- 60 endangered NZ dotterels pre-emptively captured & released
- 2,008 dead birds collected

Salvage of Rena



Platforms and equipment in place – 15 October



Ship's corridor currently on *Rena*



Access to fuel tanks is limited with small manholes the only entry and exit points



12 October



Salvors guide a 40 foot container onto the deck of the *Pancaldo* - 24 October 2011



Waihou Bay – 22 October 2011



Debris from container – Waihou Bay – 23 October 2011



4 November



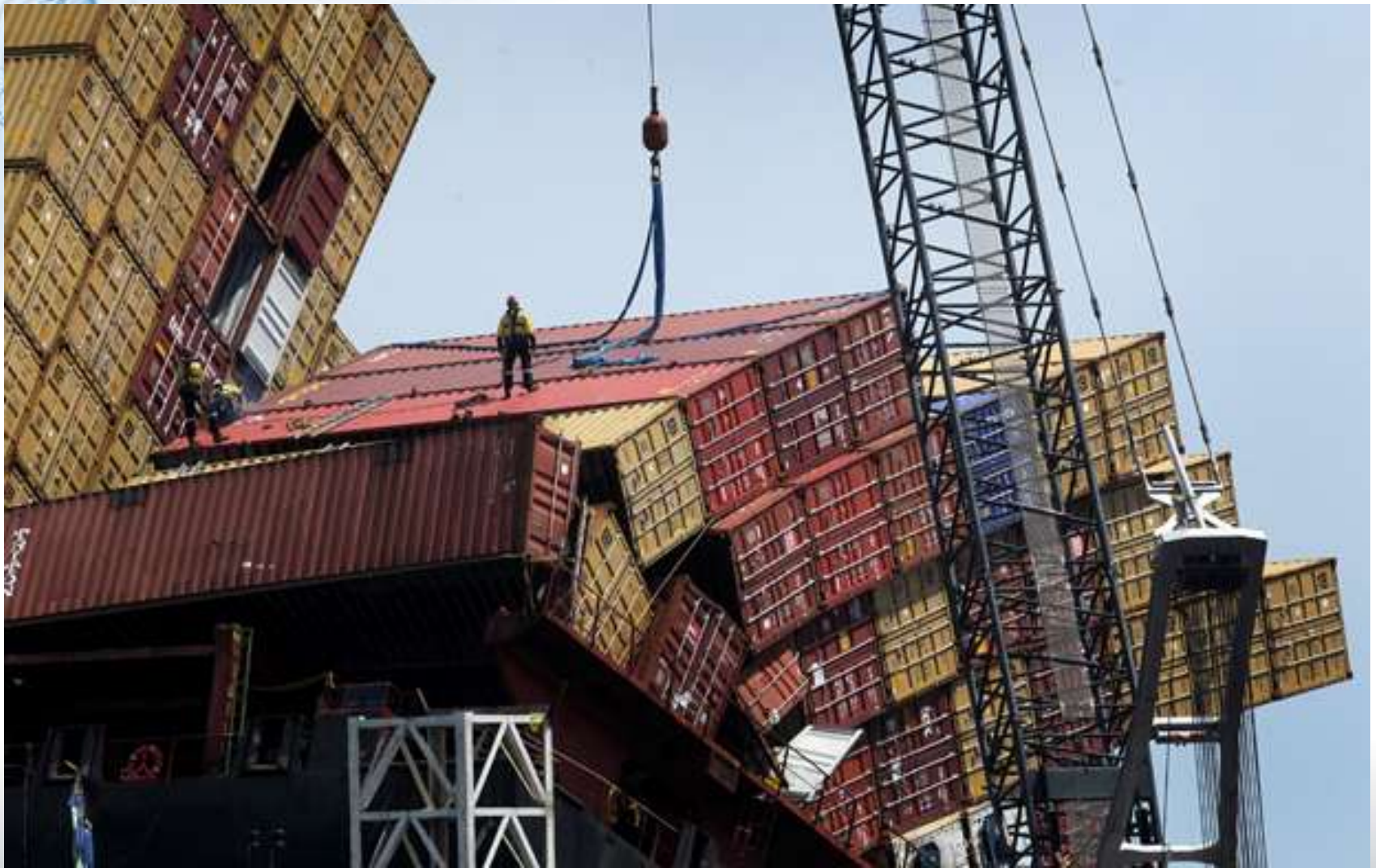
ST60 - 15 November



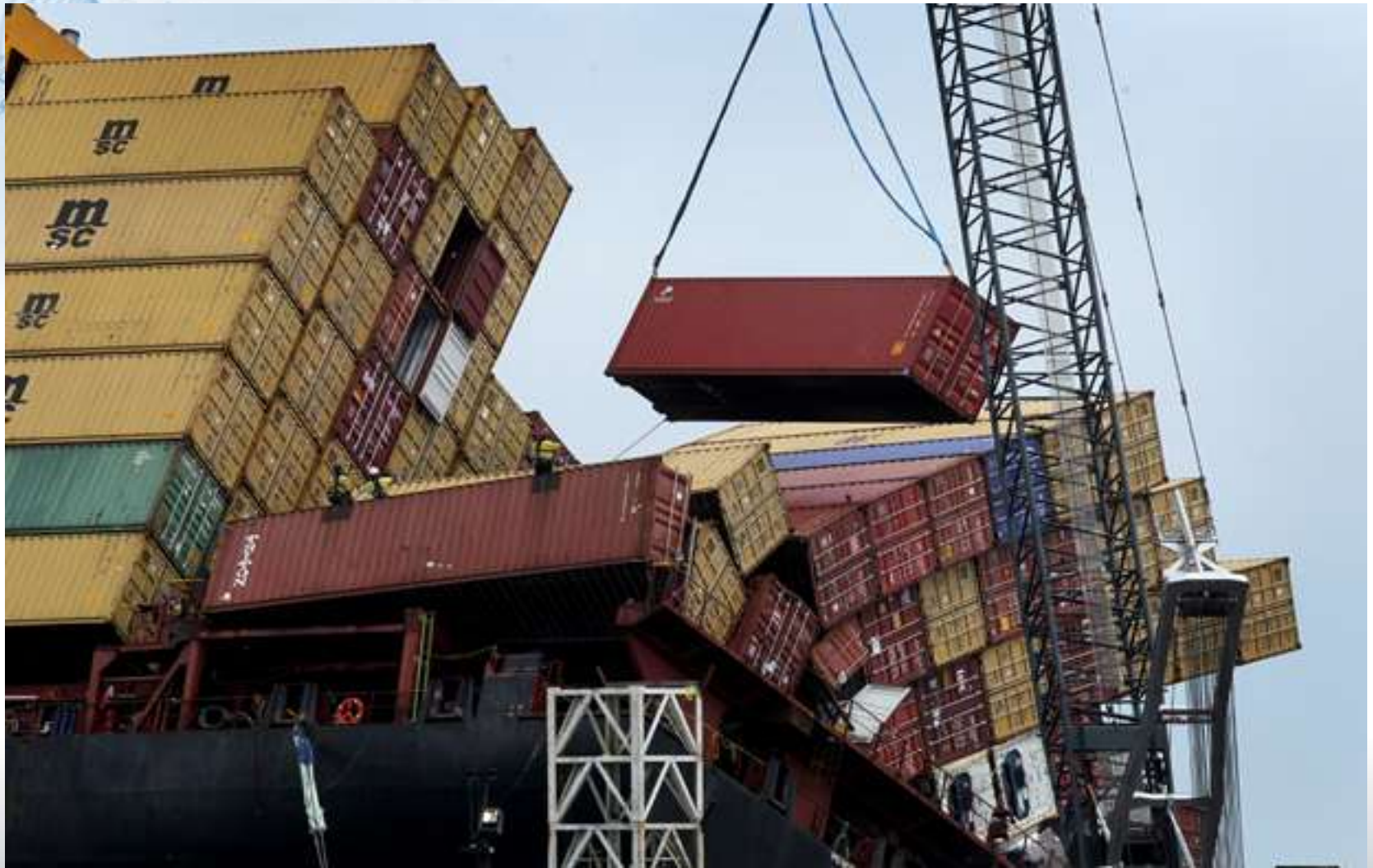
First container lifted from rear of *Rena* on to ST60 –
16 November 2011



Smit Borneo arrived 5 December



30 January



30 January



Rena Salvage Facts & Figures

- Salvor (Svitzer) appointed 6 October 2011
- >35 salvage personnel on-site
- 1,368 containers on board at time of grounding
 - 814 containers below deck
- 86 containers lost overboard 1 week after grounding
- 121 containers with perishable foodstuffs
- 32 dangerous goods containers

Sinking/breakup of Rena



8 January



10 January



30 January



30 January



30 January



Oil Spill Response Operations – 28 March

- Oil remaining on wreck – exact amount unknown
- Shoreline surveys after last week's storm completed
 - Minor cleanup operations required
- Contingency plans in place for re-escalation
- ICC staff 14 pers & reducing
- Equipment rehabilitation & return to stores



Oil Spill Response Operations – 28 March

- Oil recovered from 19 sites - Waihi Beach to Whangaparoa (Cape Runaway)
- 17 sites at Stage 2 end point criteria
- 2 sites awaiting Stage 2 sign off
 - Whangaparoa Bay
 - Matakana Island
- Regular shoreline surveys
- Low level clean up ops (several kg collected on average each week)



CV Rena Containers – 28 March

- 573 discharged to shore
- Containers lost overboard
 - 43 located
 - 74 recovered
 - 203 unlocated