Data summary

Table 1: Vessel particulars

Name: Rena

Type: container

Class: American Bureau of Shipping

Limits: unlimited

Classification:
♣A1¹, e², ♣AMS³, ♣ACCU⁴

Length: 224.5 metres

Breadth: 32.2 metres

Gross tonnage: 37 209 tonnes

Built: 1990

Propulsion: single fixed-pitch propeller driven by one Sulzer 8RTA76 (21 680

kilowatts)

Maximum service speed: 20 knots

Owner: Daina Shipping Co.

Manager: Ciel Shipmanagement S.A.

Port of registry: Monrovia

Table 2: Incident particulars

Date and time: 02145 on 5 October 2011

Location: Astrolabe Reef, Bay of Plenty, New Zealand

37° 32.4'S 176° 25.7'E

Persons involved: vessel's crew

Injuries: nil

Damage: the hull was severely damaged during the initial grounding. The

hull girder structure subsequently failed, leading to the vessel breaking in 2. The aft section moved off the reef and partially sank. Approximately 350 to 400 tonnes of heavy fuel oil were lost to the sea. At the time of this report's publication, containers were still being removed from the *Rena* and it had yet to be determined

how many had been lost to the sea

¹ Hull and equipment built to survey under American Bureau of Shipping.

² Anchors and chain cable of the vessel were in compliance with American Bureau of Shipping.

³ Machinery, boiler and systems built to survey under American Bureau of Shipping.

⁴ Shipboard automation systems built to survey under American Bureau of Shipping.

⁵ All times in this report are New Zealand Daylight Time (universal co-ordinated time + 13) and expressed in the 24-hour mode.