

Basic Detail Report

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Title

OneAUSTRALIA AUS 31 test Tank model

Date

c 1994

Primary Maker

Gale Force Racing

Medium

Metal, fibreglass, plastic

Dimensions

Overall (Approximate measurements): 2300 x 1200 x 260 mm

Name

Model

History

The test tank model of One AUSTRALIA AUS 31 was one of eight 1:8 scale models used in 400 test runs at the Australian Maritime College tank tests in Launceston. One AUSTRALIA replaced AUS 35 on 7 March 1995 in the sixth and seventh races of the 1995 Louis Vuitton Cup (the series to choose the America's Cup Challenger). AUS 31 was defeated by Black Magic NZL 32 by five races to one. One AUSTRALIA was owned by One AUSTRALIA America's Cup Team 1995 Pty Ltd and was classified as an IACC sloop. It was built by John McConaghy of John McConaghy Industries Pty Ltd, Mona Vale. Sails were made by North Sails. The was designed by a team composed of Fluid Thinking, hull designer Andy Dovell, principal designers Reichel /Pugh Yacht Design Inc and Iain Murray and Associates. Appendages designer was Phil Kato. Test tank facilities used by the One AUSTRALIA team included The Australian Maritime College tank test facility in Launceston, the St John's tank test in Newfoundland, Canada. Wind tunnel tests were held at Monash University's School of Engineering in Melbourne. Flow simulations were carried out by South Bay Simulations, Inc. One AUSTRALIA was built in Australia 1994 and launched in San Diego the same year. One AUSTRALIA racing team\included John Bertrand (skipper), Rod Davis (helmsman), Glenn Bourke (tactician), Andrew Cape (navigator) and a crew of 16. Technical specifications OF One AUSTRALIA Hull material carbon fibre Hull colour Light green Length OA 24.15 m Length WL 18.18 m Beam 4.25 m Draft 4.0 m Sail Area (upwind) 325m sq Displacement 25 tons Rating IACC rule In all One AUSTRALIA AUS 31 sailed in 19 races (2 in the end of the Round Robin Final and six in the Final of the Louis Vuitton Cup. It lost nine times against BLACK MAGIC NZL32 and won twice against BLACK MAGIC. In 1997 One AUSTRALIA AUS 31 was bought by the Aloha racing Syndicate and in 1998 was owned by Paul Cayard's AMERICA One Syndicate and used as a training yacht during 1998-9 as a trial horse for AMERICA One USA-49. In 1999 it

was bought by Sydney Fisher for the YOUNG AUSTRALIA syndicate again as a training vessel. Eighteen Footer sponsorship: Pat Corrigan sponsored 18 foot skiffs from 1969-1999 as part of the Australian 18 Footers League. He initially sponsored Vic Robertson in a skiff named Corrigan's Express, then Ken Monkhouse in Express Livestock making Pat Corrigan the first to sponsor two skiffs at the same time. Corrigan went on to sponsor John Winning in Mitchell Cotts and Garry Holder in Mitchell Cotts freight again sponsoring two skiffs at the same time. In 1988 Rob Brown won the Giltinan Worlds 18 Footer Championship in the Corrigan sponsored skiff Southern Cross. In the 1990s Corrigan sponsored PACE EXPRESS skiffs for Anthony Young and David Witt and AEI PACE EXPRESS for Stephen Quigley which took the 1996 World title. His most recent sponsorship of 18footers was the skiff Emery Worldwide which Howard Hamlin of the US sailed in the 1999 World Championship. 1996 World Championship Regatta was held on Sydney Harbour and AEI PACE EXPRESS was sailed by Stephen Quigley (skipper), Craig Phillips and Peter Loudon. AEI PACE EXPRESS also won the 18fters European Championship in 1996 having competed in the Slam Grand Prix regattas at Bandol in France, Baia in Sardinia, Torbol on Lake Garda, Molveno in Italy, and St Moritz in Switzerland.