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## Netherlands Ship Model Basin

The Wageningen/Ede Laboratories of  
Maritime Research Institute Netherlands  
(MARIN)

*37P*  
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Mr. Ben Lexcen  
12, David Place  
SEAFORTH, N.S.W. 2092  
Australia

1982-03-04

Subject: 12Metre for Victoria Syndicate  
-----Our reference: P44359-----

Dear Ben,

Please find enclosed the table of offsetts for canoe body 5854A, intended for the Victoria Syndicate. This canoe body is shown on our lines drawing No. 5854-26 which you already have. The corresponding keel (keel III) is shown on our drawing 5854-9, also in your possession.

Please note that the canoe body shown on drawing 5854-26 was designed in conjunction with keel V, so that the offsetts in the neighbourhood of the canoe body - keel intersection have to be altered to fit keel III according to drawing No. 5854-9.

Our calculations show that the lead line for keel III is in the neighbourhood of the 4.5 ft waterline shown on drawing 5854-26, allowing for approximately 18.5 tons of lead.

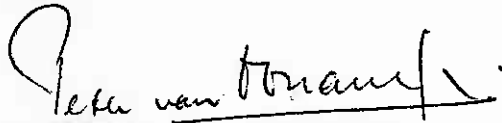
Ben Lexcen  
Seaforth  
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1982-03-04  
P44359  
Page 2

The rudder pertaining to this canoe body is rudder II, of which particulars are given in table IV on page 37 of my final report No. 44359-1-DR. The trim tab is No. II shown in Figure 2 on page 68 of this report.

Please let me know if you require any further information.

Sincerely yours,  
NETHERLANDS SHIP MODEL BASIN



Dr Peter van Oossanen  
Head Design Research  
Research and Development Division

Encl.

c.c.: Messrs Warren Jones & John Longly  
America's Cup Challenge 1983 Ltd.  
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Australia

PvO/tg