

Netherlands Ship Model Basin

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

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1981-08-05

Model test programme to arrive at new 12 Metre hull design
Our reference: PSR 44359 - model 5854B

Dear Warren,

I want to tie up a number of 'loose-ends' following our discussions
in Wageningen on July 27, 1981, together with Messrs. Allan Bond
and John Bertrand.

First of all the name and address of the patent lawyer in
The Hague is as follows:

Mr. G.F. van der Beek
Nederlands Octrooibureau
Johan de Wittlaan 15
2502 LS The Hague
P.O. Box 29720 The Hague
telex no. 32034 NEOC

I shall inform you about the outcome of the tests on August 6, 1981,
by telex. Drawings of the bustle change and of the modifications
to keel, finlets and rudder are now being prepared to be sent to
Ben to enable him to finish the construction drawings immediately
after the tests prove successful.

A new 1 to 10 lines drawing, the necessary calculations of the
1 to 1 offsetts, and the corrected hydrostatics and stability cha-
racteristics are now being prepared.

The strength calculations for the hull-keel connection and the
finlet-keel connection will also be carried out.

The costs of all this extra work is as follows:

Arch
as
3BP
2TK
CP
UP
Lu
2KED
2KCC

70-5145 41
010-31-8570

Mr. Warren L. Jones
Perth

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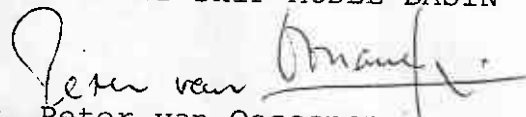
- calculation of largest dynamic loads occurring on rudder, keel and finlets, required for the strength calculations;	Hfl. 14.400,--
- calculation of largest stresses in keel bolts, rudder stock and at the root of the finlets;	" 5.760,--
- specification of dimensions of keel bolts, rudder stock and minimum finlet thickness at root, together with other pertinent details of boat construction;	" 7.200,--
- modification of 1 to 1 offsets, stability and hydrostatic calculations and 1 to 10 lines drawing;	" 13.700,--
"	Hfl. 41.060,--

For the sake of our records, please confirm by telex or letter your order for the tests scheduled on 6th August, 1981, as described in my letter dated 2nd July, 1981, and the above-mentioned strength- and computer calculations.

Last but not least, I want to stress that with respect to the instrumentation and computer performance evaluation, time is of the utmost importance.

In order to install the computer set-up on board as quickly as possible (I am hoping for 1982 rather than 1983), I would like to start setting things up in September this year. Also, the sooner we can get our order in for the hardware we have to purchase, the happier I will be, since some of the items to be purchased are hard to obtain quickly. Therefore, please confirm your order in this respect as well, after receipt of which I will prepare a detailed project description for your perusal.

Yours faithfully,
NETHERLANDS SHIP MODEL BASIN



Dr. Peter van Oossanen

P.S.: Don't forget to send me the America's Cup film.

PvO/tg