



NIPPON KAIJI KYOKAI

Certificate No. 96FF12B-1

Certificate

APPROVAL FOR FRP-COATING OF PROPELLER SHAFT

THIS IS TO CERTIFY that propeller shafts and stern tube shafts,

Model : PHILLYCLAD COATING SYSTEM
Manufacturer : ITW PHILADELPHIA RESINS, USA

have been approved as the devices applicable to the ships classed with the Society in accordance with the requirement of 6.2.7-1 and 6.2.8(2), Chapter 6, Part D of the Society's Rules, 2001 edition, and have been approved as the SHAFT KIND 1 in accordance with 2.1.25-1 and 2.1.27-1, Chapter 2, Part A of the same, by which the shafts are effectively protected against corrosion by sea water, with

Approval Number : 96FF12B

as those applicable to the ships classed or to be classed with the Society under the following conditions;

1. The drawing of shaft is to be submitted to the Society for approval in accordance with the requirements of 6.1.2 (d) and (e), Chapter 6, Part D of the Society's Rule, 2001 edition.
2. The coating is to be carried out in accordance with the manufacturer's standards covering production methods, testing and inspection, quality control and workmanship which have been approved by the Society.
3. It is required that the coating process, testing and inspection are carried out in the presence of the Society's surveyor.

This certificate will remain in force until 25th July, 2006

Issued on 19th October, 2001.

T. Okuyama
General Manager,
Machinery Department