

ABS

00-LD189312-PDA
CERTIFICATE NUMBER

6 September 2000
DATE

London ESD
ABS TECHNICAL OFFICE

CERTIFICATE OF Product Design Assessment

This is to Certify **Tranberg AS** (COMPANY)

that a representative of this Bureau did, at the request of the above noted Company, assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate; and it will remain valid for five years from the date of issue or until the Rules or specifications used in the assessment are revised (whichever occurs first).

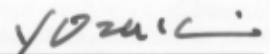
PRODUCT: Electrical Installation Equipment for the Marine Environment

MODEL: TEF1107, TEF1239, TEF1530, TEF1535, TEF1581, TEF2079

ABS RULE: 4-8-3/1.7 of the ABS Steel Vessel Rules 2000

OTHER STANDARD: N/A

AMERICAN BUREAU OF SHIPPING



(ENGINEER)
Y. Ozaki