



ABS

TYPE APPROVAL PROGRAM

CERTIFICATE NUMBER 04-OS572339-X

PLANT LOCATION Horten, Norway

ABS OFFICE Oslo, Norway

CERTIFICATE OF Manufacturing Assessment

This is to Certify that a representative of this Bureau did, at the request of
PHONTECH A/S

Attend their facilities at the location noted above, in order to carry out an audit of their facilities and associated quality assurance and quality control procedures. The facility is considered capable of consistently manufacturing;

Sound-Powered Telephone Systems

in compliance with their ABS Product Design Assessment Certificates and the designated standards defined therein. The product listed on their current Product Design Assessment Certificates are eligible to be placed on this Bureau's *List of Type Approved Products*, subject to annual facility audits by a representative of this Bureau, and renewal of this Certificate after five (5) years.

ISSUE DATE 23-Dec-05

EXPIRATION DATE 23-Dec-10



SURVEYOR'S SIGNATURE

R. Monster

FIRST ANNUAL ENDORSEMENT

Date:

SECOND ANNUAL ENDORSEMENT

Date:

THIRD ANNUAL ENDORSEMENT

Date:

FOURTH ANNUAL ENDORSEMENT

Date:

AB257 (03-04)

Note: This certificate evidences compliance with one or more of the Rules, Guides, standards, or other criteria of American Bureau of Shipping; or a statutory, industrial, or manufacturer's standard, and is issued solely for the use of the Bureau, its committees, its clients, or other authorized entities. This certificate is governed by the terms and conditions on the reverse side hereof.



CERTIFICATE NUMBER

04-LD473427-PDA

DATE

01 December 2004

ABS TECHNICAL OFFICE

London Ship Engineering

CERTIFICATE OF Design Assessment

This is to Certify that a representative of this Bureau did, at the request of

Phontech as

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 unit 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. 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: Sound-Powered Telephone System

MODEL: Batteryless Telephone System 4000
Model Nos.4050/4051/4060/4061/4040

ABS RULE: 2004 Steel Vessel Rules 4-8-2/11.5.3

OTHER STANDARD:

AMERICAN BUREAU OF SHIPPING

Jean-Claude G. Dennemont

Engineering Type Approval Co-ordinator