



# DET NORSKE VERITAS

## EC TYPE-EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2008/67/EC, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-5957**

This is to certify that the  
**Immersion suits and anti-exposure suits - insulated or not insulated**


with type designation(s)  
**FCO Mob Crew HPS-3**

Manufacturer  
**Helly Hansen Pro AS**  
**MOSS, Norway**

is found to comply with the requirements in the following Regulations/Standards:  
Annex A.1, item No. A.1/1.5 and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation III/4, III/7, III/22, III/32, III/34 & X/3, LSA Code and 2000 HSC Code 8

Further details of the equipment and conditions for certification are given overleaf.

Høvik, 2010-02-24  
for Det Norske Veritas AS

  
Eivind Mykland  
Head of Department



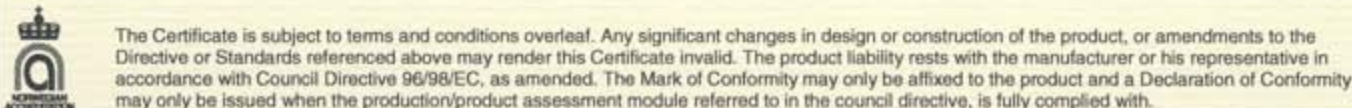
Notified Body No.: 0575

DNV local office:  
Sandefjord

This Certificate is valid until  
**2014-09-08**



  
Tessa Biever  
Surveyor

The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



Certificate No.: MED-B-5957  
Item No.: A.1/1.5  
Job Id.: 344.1-001957-3

## Product description

FCO Mob Crew HPS-3 anti-exposure suit constructed in neoprene, fitted with manually inflatable buoyancy chamber, lifting strap, buddy line, light, whistle and removable fingered gloves.

Main fabric: NONF1 100J – Int. Orange / 89J – Black  
Zipper: Survival zip 08R-CR44-BCH

by Sedo Chemicals GMBH  
by The New Zipper Company Ltd.

## Application/Limitation

- Position indicating light shall be approved in accordance with the Marine Equipment Directive and "wheelmarked".
- Production tests shall be conducted in accordance with IMO Res. MSC.81(70), part 2.

## Type Examination documentation

This certificate replaces certificate MED-B-5514.

The following documentation is basis for the DNV approval:

- Helly Hanson specification, artikkel 52650, MOB Crew, utgave nr 6, dated 1998-05-11.
- SINTEF test report, Evaluation and test for MOB Crew Suit HPS-3 and E-300-2, dated 1998-10-22.
- Letter from SINTEF to Helly Hansen dated 1999-01-26.
- SINTEF test report STF23 A88003, dated 1988-01-22.
- Letter from Skipskontrollen, dated 1998-10-26.
- Soborskin 83792 double lined neoprene, Certificate of Type Approval form Bureau Veritas, certificate no. C2803/07476/A0/PRSO MSA, dated 1998-04-02.

## Tests carried out

- Tested in accordance with Revised Recommendation on Testing of Life-Saving Appliances, IMO Resolution MSC.81(70), part 1, as specified by Type Examination Documentation above.
- Complying with new requirements according to MSC.207(81).

## Marking of product

## Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a of Certificate Conformity.

END OF CERTIFICATE

