

115856



DET NORSKE VERITAS

Certificate No.: 00152

## CERTIFICATE FOR PORTABLE OFFSHORE UNIT

Part 1

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|
| Portable Offshore Unit Type:<br><b>A</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                       |                                                        |
| Max. Gross Mass (Rating):<br><b>1500 kg</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tare Mass:<br><b>500 kg</b>                           | Payload:<br><b>1000 kg</b>                             |
| External Dimensions (LxWxH):<br><b>1582mm x 1577mm x 1100mm</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       | Design Temperature:<br><b>-20</b>                      |
| Det Norske Veritas Type Approval No./ Design Approval Reference:<br><b>N/A</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                       | Assembly Drawing No.:<br><b>T151-S1</b>                |
| Manufacturer:<br><b>Zremb-Chojnice S.A</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                       |                                                        |
| Type Designation:<br><b>Frame for Supports FMC Baskets</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Manufacturer's serial No:<br><b>T151-S1-8</b>         | Date of manufacture:<br><b>May 2010</b>                |
| <b>Production testing</b><br>This portable offshore unit, or another portable offshore unit from the same fabrication series, has been subjected to the following proof test:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                       |                                                        |
| Manufacturer's serial No. of the portable offshore unit(s) tested:<br><b>T151-S1-8</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                       | Total test load :<br><b>4000 kg</b>                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       | Test date:<br><b>10.08.10</b>                          |
| <b>Lifting set ( optional )</b><br>(When the lifting set is approved by DNV, certificates for lifting set / components of lifting set, or reference to owner's record, to be listed in Part 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                       | Lifting set approved by DNV:<br>Yes / No:<br><b>No</b> |
| <b>Operational restrictions:</b><br>According to DNV Standard for Certification 2.7-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                       |                                                        |
| Mln. shackle bolt diameter:<br><b>4.75 T</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Max. angle of legs (from vertical):<br><b>30 deg.</b> | Type of unit:<br><b>Lifting Frame</b>                  |
| This Unit has been designed, approved, manufactured and tested in accordance with Det Norske Veritas Standard for Certification no. 2.7-3 Portable offshore units.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                                                        |
| The Unit also complies with the following requirements and regulations:<br><br>- Norsok R003 "Safe use of lifting equipment" rev 2, July 2004<br><br>-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                       |                                                        |
| <b>Remarks</b><br><br>Unit to be lifted according to crane operators instructions<br><br>Unit number T151-S2-1 has been prototype tested according to DNV 2.7-3, Part 3.7.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                                                        |
| This field needs only be filled in when the certificate is prepared by a manufacturer with an MSA agreement with DNV.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                       |                                                        |
| Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (Name)<br>Manufacturer                                |                                                        |
| Place:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <br>Gunnar Feid<br>Surveyor                           |                                                        |
| Date: 20 <sup>th</sup> September 2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <br>STAVANGER                                         |                                                        |
| Place: Stavanger                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                       |                                                        |
| <small>If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.</small> |                                                       |                                                        |

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CERTIFICATE FOR PORTABLE OFFSHORE UNIT,

Part 2

| Owner:<br>FMC Kongsberg                                                                                                                                                                                                                                   |                                               | Owner's POU identification no.:                                                                                                                                                                                                    |                    |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------|
| Lifting set (Lifting slings, shackles and replacements to be listed)                                                                                                                                                                                      |                                               |                                                                                                                                                                                                                                    |                    |         |
| Description of parts                                                                                                                                                                                                                                      | Supplier/Fabricator                           | Certificate No./<br>Reference to owner's record                                                                                                                                                                                    | Date               |         |
| Four leg chain sling, SWL 8.7 T,<br>ID no. 1005501-1-19                                                                                                                                                                                                   | Otic AS / Thiele                              | C1005501/1                                                                                                                                                                                                                         | 14.09.2010         |         |
| 4 off 4.75 T Shackles, ID no.<br>SKO/7909                                                                                                                                                                                                                 | W. Giertsen Services AS / Gunnebo-<br>Anja AS | 313948-0                                                                                                                                                                                                                           | 25.08.2010         |         |
| Periodical inspection and recertification                                                                                                                                                                                                                 |                                               |                                                                                                                                                                                                                                    |                    |         |
| Date                                                                                                                                                                                                                                                      | Type of Inspection*<br>(T, VN, V)             | Report no./<br>Test Cert. no.                                                                                                                                                                                                      | Sign./<br>Stamp ** | Remarks |
|                                                                                                                                                                                                                                                           |                                               |                                                                                                                                                                                                                                    |                    |         |
| <p>* Should be indicated by one of the following suffixes:</p> <p>V Suffix V to indicate visual examination only</p> <p>VN Suffix VN to indicate visual examination and NDE</p> <p>T Suffix T to indicate visual examination, NDE and strength tested</p> |                                               | <p>** The signature of the competent person certifies that the Offshore Container, including its lifting set, has been thoroughly examined, and that defects affecting its safe working condition, if any, have been repaired.</p> |                    |         |