



## FISHERY INSPECTION

### General Information:

The vessel was designed for the Danish Directorate of Fisheries as a fishery inspection and rescue vessel for operation in the North Sea. A fast boarding boat can be launched from a built-in stern recess, and the vessel is equipped to put out inflatable oil containment booms. The vessel's accommodation holds 12 single cabins. The hull is constructed in steel and the deckhouse in aluminium alloy.

### Main Particulars:

|             |         |
|-------------|---------|
| Length o.a. | 68.10 m |
| Length p.p. | 60.80 m |
| Breadth     | 11.20 m |
| Depth       | 6.30 m  |
| Draught     | 3.90 m  |

### Speed:

|               |       |
|---------------|-------|
| Service speed | 18 kn |
|---------------|-------|

### Propulsion:

|   |   |
|---|---|
| Diesel electric propulsion with two shafts, FP propellers and frequency converters. |   |
| Generators sets:  | 2 x MAN B&W 5L21/31 @950 kW<br>1 x MAN B&W 9L21/31 @1840 kW |

### Miscellaneous:

|                       |                |
|-----------------------|----------------|
| Classification        | Norske Veritas |
| Identification number | KEH 04069      |

### Scope of Work:

The following work was carried out by Knud E. Hansen:  
A complete tender design package including:

- General arrangement and detailed arrangements of selected areas
- Technical specification
- Weight, stability and speed and power calculations
- Lines and supervision of model testing
- Classification drawings
- Machinery arrangement, system drawings and HVAC
- Electrical load and heat balance calculations

