HamiltonJet

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Service: Rescue Boats
Location: Norway

Hamilton Jet Model HJ274
Application Review

New Jet-Powered Norwegian Lifeboat Excels in North Sea

Redningsselskapet, the Norwegian Society for Sea Rescue (NSSR), has been a world leader in developing high speed lifeboats over the past 110 years. Its most recent addition, the 12 metre Sundt (above right), continues this development, with features similar to the fast 'daughter' craft popular for emergency response and rescue in the offshore oil industry.

Waterjet propulsion, a deep-V planing hull, strong bollard pull and self-righting ability are all features incorporated in Sundt to provide speed with excellent sea-keeping, safety and versatility.

The twin Hamilton HJ274 waterjets are coupled to Yanmar 250kW engines through ZF Gearboxes. This propulsion setup gives a top speed of 34 knots and a range of over 200 nautical miles at 30 knots cruising speed. Three vessels have already been delivered to the NSSR, with a further one or two vessels planned for delivery during 2002.

Sundt represents a step away from the traditional system used by the NSSR, where a paid crew of three or four live on board all the time and are allotted a large operating area. The new vessel, which is crewed by three volunteers drawn from the Sea Rescue Corps (Sjoredningskorps), will provide a fast rescue service from a specific base on the west coast of Norway. This new system brings the service more in line with the offshore rescue services used in other European nations such as The Netherlands and the UK.

Brief Specifications

NAME:
Sundt [RS-120]
SERVICE:
Rescue/Lifeboat
LENGTH:
12.35 metres [LOA]
BEAM:
3.48 metres
CONSTRUCTION:
Aluminium [hull]
RANGE:
200 nm [800 litres of fuel]
SPEED:
34 knots [max]
30 knots [@ 85% MCR]
BOLLARD PULL:
1.8 tonnes

WATERJETS:
Twin Hamilton Model HJ274
ENGINES:
Twin Yanmar diesel
Model 6LY-STE, each
250kW (340shp) @ 3300rpm
EXCLUSIVE SALE:
Maritime Partner AS,
Alesund, Norway
BUILDER:
Brodrene Hukkelberg AS,
Aukra, Norway
OWNER/OPERATOR:
Redningsselskapet, Norway
Hamilton Jet DISTRIBUTOR:
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