JetBrief

JetBrief No. 363
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Location: Canada **Service**: Fisheries Monitoring Boat **Waterjet Model:** HJ213

Canadian Fisheries Enforcement Boosted by New Patrol Boat

Enforcement of fishing laws on the upper Fraser River in BC, Canada, just got a lot better with the launch of a new waterjet powered RIB for the Department of Fisheries & Oceans "Catch Monitoring Programme". The seven-metre patrol vessel is said to out-perform all other patrol boats that have operated on this section of river, which includes a mix of shallow, rocky sections to fast running rapids.

This vessel was specifically designed by Titan Boats of Sidney, BC, Canada, for operation on the Fraser River north of Vancouver. The standard Titan 230 hull was modified to fit a single Hamilton HJ213 waterjet, and additional protection was given to the undersides of the tubes, which are more exposed to damage in the river than they would be at sea.

Normally for fresh water operation and when using a petrol engine – in this case a 375hp Volvo – the HJ212 waterjet is preferred. However, in this application the owners required a vessel that could transfer to ocean use if required. The jet features hydraulic controls for both steering and reverse functions.

The boat and its two-person crew will primarily monitor the commercial fishing activities of Canada's First Nations people. Otherwise it will monitor all activities related to fish and fauna and be available for search and rescue if required. Being trailerable, the vessel will patrol different parts of the river systems in the area depending upon the time of year and activity at hand.

TYPE:
Titan 230 RIB
SERVICE:
Fishery Patrol Boat
LENGTH:
7.00 metres (23') [LOA]
BEAM:
2.74 metres (9')
CONSTRUCTION:
Aluminium
DISPLACEMENT:
2,270kg (5,000lbs)
SPEED:
41 knots [maximum]
38 knots [cruise]
WATERJET:
Single Hamilton Model HJ213
ENGINE:
Volvo Petrol engine,
Model 502 GSI
280kW (375hp) @ 4000rpm
DESIGNER/BUILDER:
Titan Boats, Sidney,
BC, Canada
OWNER/OPERATOR:
Department of Fisheries & Oceans, Canada
HamiltonJet DISTRIBUTOR:
Jastram Technologies,
Vancouver, BC, Canada

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