



"Bravest" FDNY Fireboat

SERVICE:	Fire Boat
LOCATION:	New York, USA
LENGTH:	19.50 metres (64') [LOA]
BEAM:	5.20 metres (17')
DRAUGHT:	1.00 metre [maximum static]
CONSTRUCTION:	Aluminium
DISPLACEMENT:	36 tonnes (80,000lbs)
SPEED:	46 knots
WATERJETS:	Triple HamiltonJet Model HJ403
ENGINES:	Triple Caterpillar C-18 diesels - 745kW (1000hp) @ 2300rpm
DESIGNER/BUILDER:	SAFE Boats International, Bremerton, WA, USA
OWNER/OPERATOR:	FDNY (New York Fire Department), New York City, NY, USA
HJ DISTRIBUTOR:	HamiltonJet Americas, WA, USA

MANOEUVRABILITY

HIGH SPEED EFFICIENCY

SHALLOW DRAUGHT

"Bravest" is the largest boat built by SAFE Boats International to date. She can deliver over 26,500 litres of water per minute (7,000gpm) using two pumps feeding four main monitors. One of the pumps is driven from the central Caterpillar engine, which is de-coupled from the waterjet unit while the outer two jets provide manoeuvring propulsion.

No. 431

FDNY Marine Operations is responsible for more than 900km (560 miles) of coastline and harbours, and has protected NY City residents for 135 years. Bravest will help FDNY fill the gap between recently delivered 42m (140') fireboats and a fleet of smaller fast-responders, also built by SAFE Boats.

The New York firefighters say Bravest has reduced emergency response times significantly while the low profile, high speed and shallow-water capability of the boat, together with new fire fighting suppressants, has meant a change in the way they fight boat fires, allowing them to put the fire out without sinking the boat.

Bravest is also equipped to push or pull vessels in rescue situations and allow fire fighting crew to quickly transfer onto larger vessels such as the Staten Island Ferries.

