

**Location:** United States of America

**Service:** Pilot Boat

**Waterjet Model:** HM651



"Georgia"

## Pair of Jet-Powered Pilot Boats Excel in Variety of Situations

**SERVICE:**

Pilot Boats

**WATERJETS:**

Twin HamiltonJet Model HM651

**DESIGNER:**

Camarc Design Ltd, Sussex, UK

**BUILDER:**

Kvichak Marine Industries,  
Seattle, WA, USA

**HamiltonJet DISTRIBUTOR:**

HamiltonJet Inc,  
Seattle, WA, USA

The success of "Chinook", a 72' fast pilot boat operating in the Columbia River Bar, OR (JB351), has led to two similar vessels being delivered to the Savannah Pilots, Georgia, and the Sabine Pilots Service, Texas. Like "Chinook", these new vessels are designed by Camarc, UK, built by Kvichak Marine Industries of Seattle and powered by twin Hamilton HM651 waterjets.

Both Pilot Associations carried out extensive investigation into the best hull and propulsion options for their new vessels. Their own particular operating conditions were weighed against the

proven performance of existing high-speed pilot boats.

In fact, Sabine Pilots Service ordered its new boat following the recommendation of the Columbia River Bar Pilots and after riding its Kvichak-built, waterjet powered pilot boat "Chinook". The short, steep waves of the Gulf of Mexico require a special vessel, and "Chinook" demonstrated this new type of pilot boat would suit the SPA's requirements for sea-keeping and speed.



"Sabine Bank Pilot"



**HamiltonJet**

[www.hamiltonjet.co.nz](http://www.hamiltonjet.co.nz)



**NAME:**

Georgia

**LENGTH:**

23.00 metres

**BEAM:**

6.60 metres

**CONSTRUCTION:**

Aluminium

**SPEED:**

28 knots

**WATERJETS:**

Twin HamiltonJet Model HM651

**ENGINES:**Twin Cummins diesel engines  
Model KTA38 M2, each  
1007kW (1350hp) @ 1900rpm**GEARBOXES:**

ZF 2550 (1.857:1)

**DESIGNER:**

Camarc Design Ltd, Sussex, UK

**BUILDER:**Kvichak Marine Industries,  
Seattle, WA, USA**OPERATOR:**Savannah Pilots Association,  
Savannah, GA, USA**HamiltonJet DISTRIBUTOR:**HamiltonJet Inc,  
Seattle, WA, USA

## Savannah Pilots Association

At 75 feet, the Savannah Pilot's new vessel "Georgia" is the largest Camarc-designed and Kvichak-built pilot boat operating for the US Pilot Associations.

"Georgia" operates in a wide variety of sea conditions at the entrance to the Savannah River, where the combination of Camarc design and HamiltonJet propulsion offers the best in safety, speed and features. The vessel has three staterooms aft which provide a galley, seating and berths for six pilots.

Twin 1007kW (1350hp) Cummins engines and Hamilton HM651 waterjets give excellent manoeuvrability and top speed of 28 knots.

**NAME:**

Sabine Bank Pilot

**LENGTH:**

22.00 metres

**BEAM:**

6.60 metres

**CONSTRUCTION:**

Aluminium

**SPEED:**

28 knots

**WATERJETS:**

Twin HamiltonJet Model HM651

**ENGINES:**Twin Detroit diesel engines  
Model 16V2000  
960bkW (1285bhp) @ 2100rpm**GEARBOXES:**

Detroit DD6619SC (2.14:1)

**DESIGNER:**

Camarc Design Ltd, Sussex, UK

**OPERATOR:**Sabine Pilots Association,  
Groves, TX, USA**BUILDER:**Kvichak Marine Industries,  
Seattle, WA, USA**HamiltonJet DISTRIBUTOR:**HamiltonJet Inc,  
Seattle, WA, USA

## Sabine Bank Pilots Association

The 72' pilot boat "Sabine Bank Pilot", was delivered to the Sabine Pilots Service of Groves, Texas in 2003. It has a pilotage route that extends 20 miles off the Texas coast and 56 miles up the Sabine-Neches river.

Twin Detroit Diesel 16V2000 engines rated at 960bkW (1,285 bhp) each at 2,100 rpm provide power for the Sabine Bank Pilot and Hamilton HM651 waterjets were chosen as the propulsors.

This combination is designed to allow excellent manoeuvrability, a top speed of 28 knots, and a cruising speed of around 26 knots.



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www.hamiltonjet.co.nz