

Hamilton Jet Model 571  
Application Review

## Triple HM571 Jets Propel Italian Tourist Vessel



Launched in July 1999, the 36m monohull, "Citrarium" has the appearance of a modern fast ferry. But what is unusual in today's world is that she is constructed in timber with hardwood frames and marine plywood skin. Her builders, Cantiere Navali Foschi, specialise in timber construction and incorporate many traditional features, such as caulked hardwood planking decks and fine interior timber finishing work.

Built to carry tourists from Citraro, in South Eastern Italy out to the Eolie Islands, north of Sicily, "Citrarium" operates daily summer trips visiting the islands of



Lipari Island

Stromboli, Lipari and Vulcano. These islands are all active volcanoes, with Stromboli, a near perfect cone shaped volcano, continuously belching smoke and ash. With passengers given time to go ashore on each of the islands for tours, dining and shopping, the return trip takes the whole day.

"Citrarium" achieved higher speeds than the owners required, and now operates at reduced rpm, cruising at 28 knots with

the normal load of 250 tourists.

With the limited berthing facilities at the islands, the visiting ferries and tourist craft must berth stern on to the wharves. For this purpose "Citrarium" is fitted with a stern control station and with the fine control available with Hamilton's HYRC servo-hydraulic ahead/astern control system, berthing is made much easier for the Captain.

### ▶ Brief Specifications

<b>NAME:</b> Citrarium	<b>WATERJETS:</b> Triple Hamilton Jet Model 571
<b>SERVICE:</b> Tourist Ferry	<b>WATERJET CONTROLS:</b> Hamilton Jet Type HYRC with manual hydraulic steering
<b>LENGTH:</b> 36 metres [LOA]	<b>ENGINES:</b> Triple Deutz MWM TBD616
<b>BEAM:</b> 7.45 metres	1200bkW (1600hp) @ 2235rpm
<b>CONSTRUCTION:</b> Timber	<b>DESIGNER:</b> Sciomachen Naval Architects, Bologna, Italy
<b>PAYLOAD:</b> 350 passengers	<b>BUILDER:</b> Cantiere Navali Foschi, Cesenatico, Italy
<b>SPEED:</b> 33 knots (fully laden) 28 knots (cruise)	<b>Hamilton Jet DISTRIBUTOR:</b> Saim SpA, Milan, Italy

