

# **B+J** Jetfoil



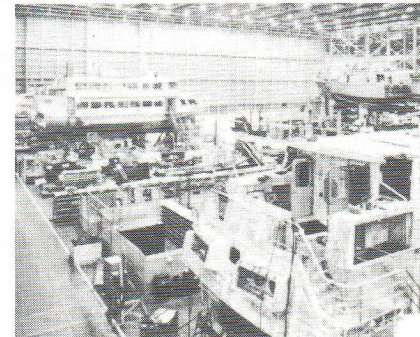
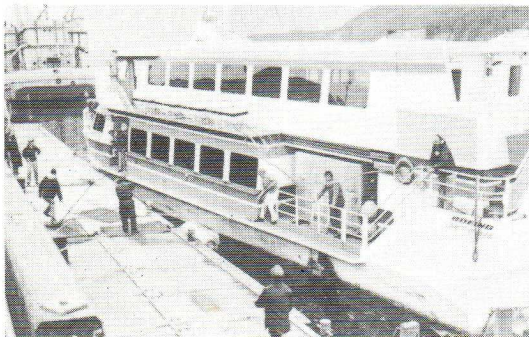
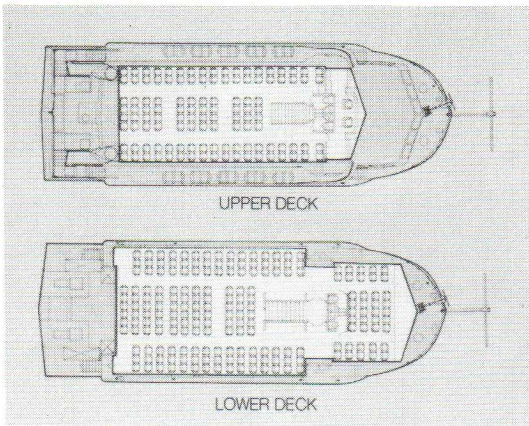
## **HIGH SPEED PASSENGER SERVICE**

Commences April 1980

**B+J** Jetfoil



**Cruise smoothly at  
50 m.p.h. across  
the Irish Sea**



# High Speed Jetfoil...



# ...for Dublin/ Liverpool Service

B + I Line will revolutionise surface travel on the Irish Sea when a Boeing Marine Systems Passenger Jetfoil is introduced into service on the Dublin/Liverpool route in April 1980. The crossing will take just over three hours.

This advanced development in commercial hydrofoil passenger travel offers a new and exciting approach to marine transportation. Fully submerged foils with turbine driven waterjet propulsion and an automatic control system maintains smooth ride under rough weather and sea conditions. The Jetfoil will carry over 250 passengers at speeds of up to 50m.p.h. in all weathers, with winds of up to force 8 or 12ft. high waves. The environment inside can be likened to a modern aircraft with perhaps slightly more comfort.

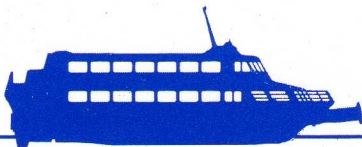
Passenger accommodation is arranged on two decks to provide a comfortable, pleasant air conditioned interior and large spray free win-

dows afford excellent visibility.

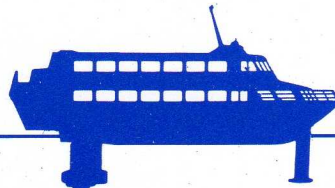
It is proposed to operate the Jetfoil throughout the year with up to two round trips per day at the peak summer season. Schedules will ensure convenient connections by rail and coach and from interior points in Britain and Ireland. Jetfoil terminals will be located close to city centres. Any normal docking facilities can be used as the retractable foils and struts allow a draft of as little as 5 feet 5 inches (1.7m). B + I Line estimate that in its first full year of operation Jetfoil will carry over 150,000 passengers.

There is no doubt that Jetfoil will revolutionise Irish Sea travel. Though it is a comparatively new technology its potential is enormous. B + I Line was the first European company to order this £6.6 million craft.

The Boeing JETFOIL...designed for the future here today!



*Normal hullborne speed with the foils retracted is 12 miles per hour.*



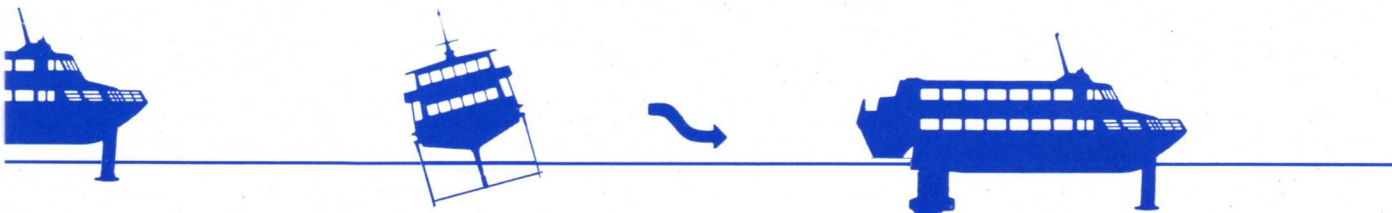
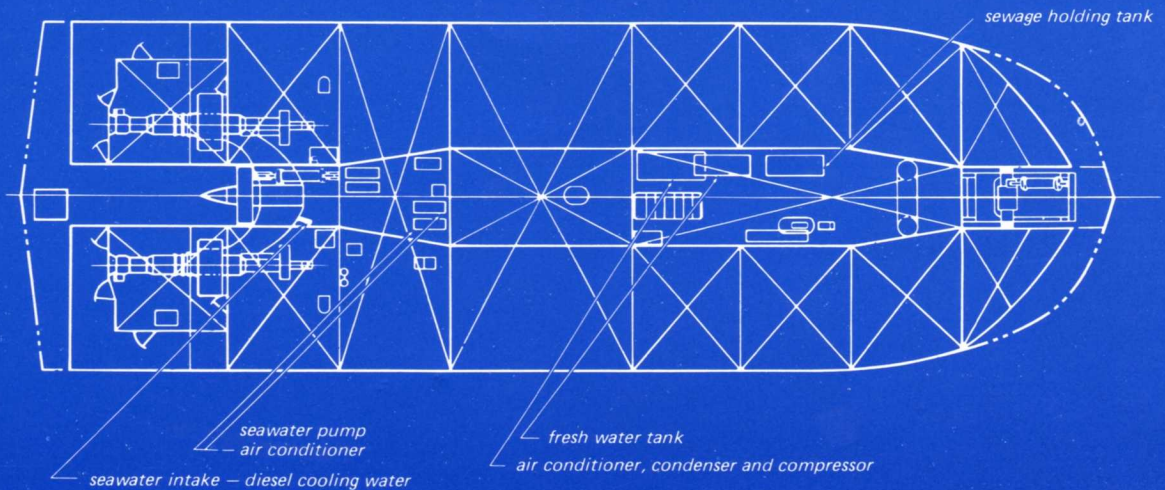
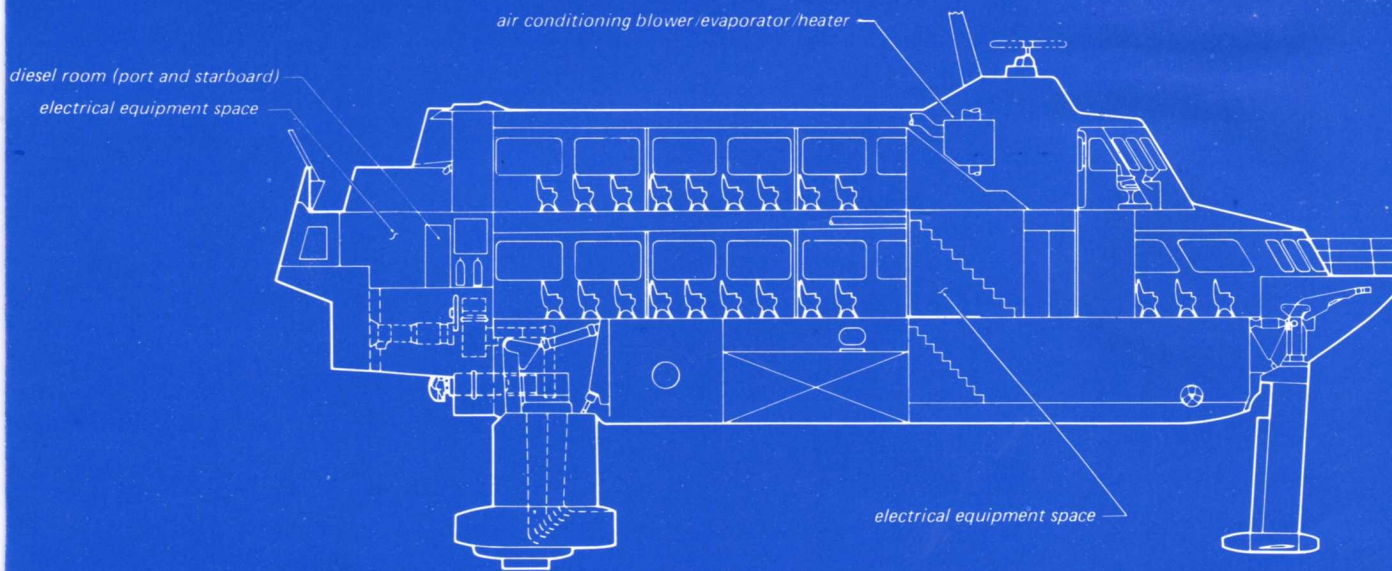
*With the foils extended in a hullborne mode, speed is 15 miles per hour at 1/3 cruise power. The foils may be extended underway at normal hullborne speeds in less than 70 seconds.*



*Once the foils are extended, the JETFOIL will be foilborne. Normal speed is 50 miles per hour.*

# The Boeing JETFOIL

## The new standard for marine transportation



extended, the  
accelerate to foil-  
borne cruise  
rate of less than 2  
miles per hour.

When foilborne, the JETFOIL banks into all turns so that there are no lateral forces on the passengers. Foilborne turn rates of up to 6 degrees per second are attainable, which provide a turn diameter of less than 1,500 feet (457.7m) at 50 miles per hour.

Normal stopping distance from maximum foilborne speed is 1,200 feet (365.8m) and emergency stops may be made in less than 500 feet (152.5m) without subjecting the passengers to adverse decelerations.