

HUMPHREE

Trim and stabilisation systems

REFERENCE DOCUMENT



Enviro Cat – 35m Ferry

Humphree Interceptors: 4x HE1000, 75mm blade deployment

Humphree Control systems: Active Ride Control (HSC5)

Propulsion: 4x Kamewa 40A3 Waterjets

Vessels: Capricornian Dancer, Capricornian Dreamer, Capricornian Surfer, Capricornian Sunset, Capricornian Sunrise

Data:

-Top speed: 28 knots

-LOA: 35.1 m

Results:

- At hump speed the vessel saved 5% fuel and gained 0.9 knots
 - At cruising speed the vessel saved around 6% fuel with a speed increase of around 1.6 knots
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