

SPECIAL COMMISSION OF INQUIRY INTO SYDNEY FERRIES

PUBLIC FORUM

MANLY FERRY ROUTE

Sydney Ferries operates two services from Manly: the Freshwater Class ferries, known as the Manly ferries which travel between Manly and Circular Quay in 30 minutes; and the JetCat high speed service which takes 15 minutes.

The Manly route generates about 50% of all revenue received by Sydney Ferries and serves both commuter and leisure markets.

Fares

The following table sets out current fares for the Manly Ferry and JetCat services:

	Manly Ferry (Freshwater Class)		JetCat	
	Adult	Concession (incl. child 5-14yrs)	Adult	Concession (incl. child 5-14yrs)
One Way	\$6.40	\$3.20	\$8.20	No concession
FerryTens (valid for 10 rides)	\$48.10	\$24.00	\$67.80	No concession
Orange TravelPass 7-day ¹	\$38.00	\$19.00	N/A	N/A
Orange TravelPass Quarterly ²	\$418.00	No concession	N/A	N/A
Orange TravelPass Yearly ³	\$1,520.00	No concession	N/A	N/A

¹ For use on Sydney Buses and Sydney Ferries

² For use on Sydney Buses and Sydney Ferries

³ For use on Sydney Buses and Sydney Ferries

Frequency of services

Manly Ferry (Freshwater)

Services depart from **Circular Quay** for Manly:

- **Monday – Friday: from 6am to 11.45pm:**
 - Every 15-30 minutes from 6am to 9am:
(6.00, 6.15, 6.45, 7.15, 7.35, 8.05, 8.35, 9.00)
 - Every 30 minutes from 9am to 5.45pm
 - Every 30-45 minutes from 5.45pm to 11.45pm
- **Saturday & Public Holidays: from 8am to 11.45pm:**
 - Every 45 minutes from 8am to 9.30am
 - Every 30 minutes from 9.30am to 6pm
 - Every 30-45 minutes from 6pm to 11.45pm
- **Sunday: from 8am to 11.00pm:**
 - Every 45 minutes from 8am to 9.30am
 - Every 30 minutes from 9.30am to 5.30pm
 - Every 30-45 minutes from 5.30pm to 11.00pm

Services depart from **Manly** for Circular Quay:

- **Monday – Friday: from 6.40am to 12.20am:**
 - Every 15-30 minutes from 6.40am to 8.15am:
(6.40, 7.00, 7.30, 8.00, 8.15)
 - Every 30 minutes from 8.15am to 4.15pm
 - Every 20-40 minutes from 4.15pm to 9.30pm
 - Every 45 minutes from 9.30pm to 12.20pm
- **Saturday & Public Holidays: from 8.45am to 12.20pm:**
 - Every 35-50 minutes from 8.45am to 10.15am
 - Every 30 minutes from 10.15am to 5.45pm
 - Every 35-40 minutes from 5.45pm to 9.30pm
 - Every 35-45 minutes from 9.30pm to 12.20am
- **Sundays: from 8.45am to 11.45pm:**
 - Every 35-50 minutes from 8.45am to 10.15am
 - Every 30 minutes from 10.15am to 5.45pm
 - Every 35-40 minutes from 5.45pm to 9.30pm
 - Every 45 minutes from 9.30pm to 11.45pm

JetCat

Services depart from **Circular Quay** for Manly:

- **Monday – Friday: from 6am to 8.30pm:**⁴
 - Every 20-25 minutes from 6am to 9.25am:
(6.00, 6.20, 6.40, 7.05, 7.25, 7.45, 8.05, 8.25, 8.45, 9.05, 9.25)
 - Every 20-65 minutes from 4.20pm to 8.30pm
- **Saturday & Public Holidays: from 6.10am to 3.35pm:**⁵
 - Every 40-45 minutes from 6.10am to 7.35am
 - Every hour from 7.35am to 3.35pm
- **Sunday: from 7.10am to 3.35pm:**⁶
 - Every 20-50 minutes from 7.10am to 9.35am
 - Every hour from 9.35am to 3.35pm
 -

Services depart from **Manly** for Circular Quay:

- **Monday – Friday: from 6.20am to 9.00pm:**⁷
 - Every 20-25 mins from 6.20am to 10.00am:
(6.20, 6.45, 7.05, 7.25, 7.45, 8.05, 8.25, 8.45, 9.05, 9.35, 10.00)
 - Every 20-30 minutes from 4.45pm to 7pm
 - Approximately every hour from 7pm to 9pm
- **Saturday & Public Holidays: from 6.30am to 4pm:**⁸
 - Approximately every 40 minutes to 1 hour
- **Sundays: from 7.35am to 4pm:**⁹
 - Approximately every 40 minutes to 1 hour

Fleet

The Manly route fleet consists of four Manly Ferries, which were purchased between 1982 and 1988, and three JetCats which were purchased in 1990 and

⁴ Ferry fare rate applies to 6am service.

⁵ Ferry fare rate applies to 6.10am, 6.50am and 7.35am services.

⁶ Ferry fare rate applies to 7.10am and 7.55am services.

⁷ Ferry fare rate applies to 6.20am service.

⁸ Ferry fare rate applies to 6.30am, 7.10am, 8.00am services.

⁹ Ferry fare rate applies to 7.35am, 8.20am services.

1991. The JetCats were purchased to replace the Hydrofoils, which had been introduced in 1965 to provide a high-speed service to Manly.

The Manly Ferry fleet consists of four (4) Freshwater Class vessels:

- *Freshwater*
- *Queenscliff*
- *Narrabeen*
- *Collaroy*

Each Manly Ferry has capacity to carry 1100 passengers (see Appendix 1 for full specifications).

The JetCat fleet consists of three (3) high-speed catamarans:

- *Blue Fin*
- *Sir David Martin*
- *Sea Eagle.*

Each JetCat has capacity to carry 268 passengers (see Appendix 2 for full specifications).

Patronage

Between July 2006 and April 2007, the following numbers of passengers travelled on routes serviced by Sydney Ferries.¹⁰

Service	Passengers
Manly	4,717,391
JetCat	676,190
Inner Harbour	5,269,286
Parramatta	1,266,093
Other/Charter	78,301
TOTAL	12,007,261

Between July 2006 and April 2007, the following numbers of passengers travelled on the Manly route, by ticket type.¹¹

¹⁰ Sydney Ferries Corporation

¹¹ Sydney Ferries Corporation

Manly Ferry	Passengers
Daily	1,699,502
FerryTen	476,760
TravelPass	1,090,679
Pensioner Excursion	680,908
Sydney Pass	20,886
Day Tripper	743,427
Cruises	2,584
Other – SSTS ¹²	1,917
Other – Easter Show	728
TOTAL	4,717,391

JetCat	Passengers
Daily	230,209
FerryTen	439,610
TravelPass	0
Pensioner Excursion	0
Sydney Pass	6,065
Day Tripper	0
Cruises	46
Other – SSTS	237
Other – Easter Show	23
TOTAL	676,190

There has been a decline in patronage of Manly services since July 2004.

The reduction in patronage of the Manly Ferry in the comparative periods of July to April 2003/04 and 2006/07 is 1.5% or 70,508 passenger journeys.¹³ The average passenger load on the Manly Ferry is approximately 50% of the available capacity based on twice per hour service and the seating capacity of the vessel.¹⁴

The reduction in patronage of the JetCats over the same period is 5.6% or 40,346 passenger journeys.¹⁵

Demographics

According to the Manly Council, reasons for travel on the Manly services are 43% work, 29% social recreation and 10% shopping.

The total population of the Manly Local Government Area (LGA), including overseas visitors, was 37,587 in 2001.¹⁶ Manly receives 6 million visitors per year, including day visitors and tourists.

The ABS projection for Manly LGA is 40,278 for 2008. The population growth between 2001 and 2006 is estimated to have been 5.9%.

¹² School Student Transport Scheme. Under the SSTS, Sydney Ferries provides free public transport for some school students between home and school.

¹³ Sydney Ferries Corporation

¹⁴ Sydney Ferries Corporation, *Fleet Replacement Strategy (Internal Working Draft)*, (15 June 2007), p. 79

¹⁵ Sydney Ferries Corporation

¹⁶ 2001 Census figures In: Manly Council, *Submission*, Special Commission of Inquiry into Sydney Ferries, (22 May 2007)

The Department of Planning's draft North Eastern Sub-regional Strategy anticipates growth of up to 17,000 new dwellings in this sub-region and an equivalent number of jobs.

23% of Manly residents work in the Manly LGA, and 77% work outside the LGA, with the highest proportion working in the Sydney LGA (26%), followed by North Sydney (9%).

45.5% of commuters in the Manly LGA travel to work by Motor Vehicle and 11.1% travel by bus and 7.2% travel by ferry.

Vessel availability/Cancellations

The timetable is such that one vessel of each class (1 Freshwater, 1 JetCat) may be unavailable at any one time without impacting on services. Accordingly, the minimum fleet availability required to operate the scheduled services to Manly at any particular point in time is 75% for Freshwater Class and 67% for JetCats.

In 2005/06, Sydney Ferries set a target of 80% vessel availability across its entire fleet as one of its Key Performance Indicators (KPIs).

Availability¹⁷ from November 2006 to April 2007¹⁸

Month	Availability for the Manly Ferry (Approximate)	Availability for the JetCat (Approximate)
Nov-06	71%	71%
Dec-06	80%	79%
Jan-07	94%	94%
Feb-07	79%	70%
Mar-07	77%	75%
Apr-07	74%	63%

The following service reliability performance¹⁹ was achieved in that time:

Month	Service Reliability for the Manly Ferry (Approximate)	Service Reliability for the JetCat (Approximate)
Nov-06	99.5%	98.8%
Dec-06	98.9%	95.1%

¹⁷ Percentage of vessel class available for scheduled services (days available as a percentage of total working days).

¹⁸ Sydney Ferries Corporation, *Fleet Replacement Strategy (Internal Working Draft)*, (15 June 2007), p. 49

¹⁹ Proportion of actual services relative to the number of scheduled services.

Jan-07	99.8%	96.9%
Feb-07	100.0%	97.9%
Mar-07	100.0%	99.7%
Apr-07	99.2%	98.1%

This represents 54 service cancellations for the Manly Ferry and 129 service cancellations for the JetCat. Total scheduled services over the six month period noted above were 12,734 for Manly Ferry and 5,684 for the JetCat.

Indicative operating costs for 2006/07²⁰ in 000s

	Labour²¹	Fuel²²	Other Operating²³	Maintenance²⁴	Operating Overheads²⁵	Total
Manly	10,764	3,328	6,169	5,838	3,750	29,849
JetCat	2,188	1,666	1,657	4,295	919	10,727

Total Indicative operating cost²⁶ per passenger, per trip, by service 2006/07²⁷

Route	Operating cost per seat, per hour	Cost per passenger per trip	Operating profit per passenger per trip²⁸
JetCat	\$9.54	\$15.00	(\$8.21)
Manly	\$1.70	\$4.90	(\$1.51)

The JetCat service is one of the highest cost passenger journeys provided by Sydney Ferries. The cost of a passenger journey on the JetCat is over 3 times that of the Manly Ferry.

Bus connections

In Appendix 3, a summary of bus connections to and from Manly Wharf from the Manly LGA, City and surrounding suburbs appears.

²⁰ Sydney Ferries Corporation, *Fleet Replacement Strategy (Internal Working Draft)*, (15 June 2007), p.15

²¹ Based on booked labour costs. Allocated to fleets by crew size and scheduled operating hours.

²² Based on booked fuel consumed

²³ Based on revenue collection costs, taxi and travel expenses, uniforms, oils and lubricants, insurance and depreciation expense.

²⁴ Routine and Major Planned Maintenance, based on booked actual maintenance man hours and planned dockings.

²⁵ Cost of operations management, Training, Safety, Security and Fleet maintenance management and supervision. Operations division costs are allocated on the basis of crew hours, and maintenance overheads on the basis of direct maintenance costs.

²⁶ Operating cost includes operations, maintenance, major maintenance and depreciation. Excludes corporate overheads and financing charges.

²⁷ Sydney Ferries Corporation

²⁸ Operating profit is determined as the difference between farebox revenue and operating costs, and does not include government funding or concessions.

Appendix 1: Specifications - Many Ferries (Freshwater) (4)

Vessels	In service
<i>Freshwater</i>	19 December 1982
<i>Queenscliff</i>	9 July 1983
<i>Narrabeen</i>	19 August 1984
<i>Collaroy</i>	22 August 1988
Passenger Capacity	1100 (973 seated) within Sydney Harbour
Classification	Lloyds's 100 A1 NSW Waterways Class 1D
Crew	Six
Length overall	70.0 metres
Breadth extreme	13.06 metres
Depth Moulded	5.52 metres
Draft	3.35 metres
Displacement	1140 Tonnes (fully laden)
Speed	15 knots single engine at 600 rpm; 18 knots both engines
<i>Collaroy only</i>	14 knots single engine; 17 knots both engines
Fuel Consumption	280 l/hr
Fuel Capacity	180,000 litres (95%)
<i>Collaroy only</i>	300,000 litres (95%)
Structure	Double ended single hull of welded steel construction. The upper cabin is of welded aluminium alloy.
Machinery	All vessels (except <i>Collaroy</i>) have: 2 x Daihatsu 8DSM-32 Diesel engines each rated at 2200 kW driving two LIPS controllable pitch propellers 2 x Caterpillar 3406 Generator Sets 306 kVA, 245 kW Alternators
<i>Collaroy only</i>	2 x Daihatsu 8DSM032B Diesel engines each rated at 1940 kW driving two KAMOME controllable pitch propellers 3 x Gardner 6LYTI 315 kVA, 50 Hz alternators

Appendix 2: Specifications - JetCats (3)

Vessels	In service
<i>Blue Fin</i>	16 July 1990
<i>Sir David Martin</i>	21 December 1990
<i>Sea Eagle</i>	19 March 1991
Passenger Capacity	268 passengers
Classification	Lloyds's 100 A1 LMC NSW Waterways Class 1D
Crew	Four
Length overall	34.8 metres
Breadth extreme	10.00 metres
Draft	1.00 metres
Displacement	91 Tonnes (except <i>Blue Fin</i> 108)
Speed	30 knots at 1700 rpm
Fuel Consumption	350 l/hr
Fuel Capacity	8830 litres (95%)
Structure	Twin hull catamaran of welded aluminium construction with six hull spaces including an engine room in each hull below the main deck. The aluminium superstructure consists of a wheelhouse located above the main deck.
Machinery	2 x MWM TBD620 V16 developing 1680Kw @ 1800 rpm 2 x KAMEWA 63SII WATERJETS 2 x 415V AC, 50 Hz, 40 kVA alternator sets

Appendix 3: Bus Connections

All bus connections to Manly Wharf

- Route 131 – Manly Night Loop service
- Route 132 – Warringah Mall to Manly Wharf service
- Route 135 – North Head to Manly Wharf service
- Route 136 - Chatswood Interchange to Manly Wharf service
- Route 139 – Warringah Mall to Manly Wharf
- Route 140 – Epping Station to Manly Wharf
- Route 142 – Skyline Shops to Manly Wharf
- Route 143 – Manly Wharf to Chatswood Interchange
- Route E43 – Express service from Manly Wharf
- Route 144 – Manly Wharf to Chatswood Interchange
- Route 146 – Wheeler Heights to Manly Wharf
- Route E50 – Express service from Manly to Milsons Point
- Route 151 – All Night service from Monavale to City
- Route 155 – Bayview Garden Village to Manly Wharf
- Route 156 – McCarrs Creek to Manly Wharf
- Route 158 – Cromer (Middleton Road) to Manly Wharf
- Route 159 – Daytime Off Peak Service from Dee Why to Manly
- Route 169 – Manly to City (QVB)
- Route E69 – PM Peak Express service from City (Wynyard) to Manly
- Route 171 – Manly wharf to City (Wynyard)
- Route E71 – Express Service from Manly Wharf to City Wynyard.

The E70 Manly Wharf – City Express Service

The E70 Sydney Buses express service commenced on 5 March 2007. It is a weekday peak hour bus service running all stops from Manly Wharf (Belgrave St) via Sydney Road and express from Seaforth to Wynyard. It advertises the following features:

- Less than 45 minutes travel from Manly to the City
- Fourteen services each in the AM and PM peak hours

- Services every 10 minutes in the AM peak and 10-15 minutes in the PM peak
- Tickets may be purchased from 10 locations in the Wynyard area and 13 locations in the Manly, Balgowlah and Fairlight areas.

Hop, Skip & Jump Bus

The Hop, Skip & Jump Bus is a free community bus service operating seven days a week on four routes. The Manly route operates from Condamine St Interchange and stops at Manly Wharf. According to the Manly Council's survey of 437 passengers of the service, 26% said one purpose of their trip was to catch a ferry.²⁹

²⁹ Manly Council, *Submission*, Special Commission of Inquiry into Sydney Ferries (22 May 2007)