

BE WHAT YOU WANT TO BE.



# Maritime harbour movements of Port Curtis 2009

Ralph Alquezar  
November 2009

## QGC

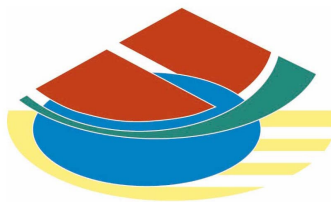


Centre for  
**Environmental**  
MANAGEMENT  
—GLADSTONE—

***Maritime harbour movements of  
Port Curtis  
2009***

QGC

2009



Centre for  
**Environmental**  
MANAGEMENT  
—GLADSTONE—

Centre for Environmental Management  
Faculty of Sciences, Engineering & Health  
CQUniversity Australia  
Gladstone Qld 4680

## **Acknowledgements**

I wish to thank QGC for funding this study. Also, a special thanks to the field team, including Kelly Jacobs, Amie Anastasi, Jill Campbell, Adam Balkin, Dylan Charlesworth and Kirsty Small for the many hours invested in counting boats and Wayne Boyd for map production.

Document citation: Alquezar, R. (2009). Maritime Harbour Movements of Port Curtis 2009. A report to QGC. Centre for Environmental Management, CQUniversity Australia, Gladstone Queensland.

## Table of contents

Acknowledgements .....	i
Table of contents .....	ii
List of figures .....	iii
Executive summary .....	v
<b>1.0 INTRODUCTION.....</b>	<b>1</b>
<b>2.0 MATERIALS AND METHODS .....</b>	<b>3</b>
2.1 Vessel survey .....	3
2.2 Data analysis .....	10
<b>3.0 RESULTS AND DISCUSSION .....</b>	<b>11</b>
3.1 Total number of vessels .....	11
3.2 Number of vessels per hour .....	13
3.3 Vessel observations .....	16
3.3.1 Vessel types.....	16
3.3.2 Vessel activities .....	19
3.3.3 Vessel speeds.....	19
3.3.4 Vessel directions and creek use – Auckland Creek.....	24
3.3.5 Vessel directions and boat ramp use – Calliope River.....	24
3.3.6 Vessel directions and tributary use – Narrows section .....	24
<b>4.0 CONCLUSIONS.....</b>	<b>30</b>
<b>5.0 REFERENCES .....</b>	<b>31</b>
Appendix I .....	32
Appendix II .....	33
Appendix III – Auckland Creek raw data.....	36
Appendix IV – Calliope River raw data .....	108
Appendix V – The Narrows raw data .....	136

## List of figures

Figure 1. Map of vessel survey sites around the Port Curtis Region.....	4
Figure 2. Map of the Auckland Creek survey location (Site A) showing north, south, east and west vessel headings. ....	5
Figure 3. Map of the Calliope river survey location (Site B) showing the boat ramp and north/south vessel headings.....	6
Figure 4. Map of the Narrows survey location (Site C) showing Passage Island, Grahams Creek and Targinie Creek vessel headings.....	7
Figure 5. Map of the Phillipies Landing boat ramp location (Site D) for the boat trailer survey along Targinie Creek.....	8
Figure 6. Map of Ramsey’s Crossing north and south boat ramp locations (Site E) for the boat trailer survey along the Narrows .....	9
Figure 7. Mean ( $\pm$ 95% CI) daily number of during weekdays and weekends ( $n = 5$ ).....	11
Figure 8. Mean ( $\pm$ 95% CI) daily number of commercial and recreational vessels during weekdays and weekends. ....	12
Figure 9. Mean ( $\pm$ 95% CI) number of daily boat trailers in the Narrows section between weekdays and weekends, $n = 4$ . ....	13
Figure 10. Mean number of vessels per hour at Auckland Creek during weekdays and weekends and overlaid hourly wind and temperature observations.....	14
Figure 11. Mean number of vessels per hour at Calliope River during weekdays and weekends and overlaid hourly wind and temperature observations.....	15
Figure 12. Mean number of vessels per hour at the Narrows during weekdays and weekends and overlaid hourly wind and temperature observations.....	15
Figure 13. Proportion of vessel types during weekdays and weekends in (a) Auckland Creek, (b) Calliope River and (c) the Narrows. ....	18
Figure 14. Proportion of vessel activities during weekdays and weekends in (a) Auckland Creek, (b) Calliope River and (c) the Narrows. ....	21
Figure 15. Proportion of vessel speed during weekdays and weekends in (a) Auckland Creek, (b) Calliope River and (c) the Narrows. ....	23

Figure 16. Proportions of vessel (a) entering or leaving Auckland Creek, and (b) direction in Gladstone Harbour during weekdays and weekends. ....26

Figure 17. Proportions of vessel (a) boat ramp use, and (b) direction in Calliope River during weekdays and weekends.....27

Figure 18. Proportions of vessel (a) course heading, and (b) use of Passage Island during weekdays and weekends in the Narrows section.....28

Figure 19. Proportions of vessels using (a) Graham’s Creek, or (b) Targinie Creek during weekdays and weekends in the Narrows section. ....29

## **Executive summary**

With an increase in the number of industries proposed to be developed in Port Curtis and the Gladstone Region, an understanding on the changes in vessel movements and uses is important for sound maritime vessel port management. Thus, a comprehensive maritime vessel survey was conducted to determine baseline information on the current (2009) numbers and uses of vessels within the Port Curtis area.

A comprehensive survey was conducted by the Centre for Environmental Management, CQUniversity, Australia, commissioned by QGC, to determine the maritime harbour movements of Port Curtis. Three survey locations were established within the Port Curtis Region, including the Gladstone Harbour and Auckland Creek, Calliope River and the Narrows section. A second study was commissioned to determine the use of recreational and commercial vessels within the northern Narrows section, by conducting a boat ramp trailer boat survey. The main survey recorded the numbers of vessels, types, use (recreational/commercial), activity (travel, fishing, crabbing), speed, direction of travel and use of boat ramps and other tributaries during 10 days (five weekdays and five weekends). The second survey only recorded boat trailers at three other bush boat ramps along the Narrows during four weekdays and weekends.

A total number of 2,747 vessels were recorded throughout the 10-day survey. A significantly higher number of vessels were recorded within the Gladstone Harbour (Auckland Creek) compared to the Calliope River and Auckland Creek. A significantly higher number of recreational vessels were recorded at all three locations during weekends compared to weekdays, however, there were no significant differences in the numbers of commercial vessels recorded during weekdays compared to weekends. Proportions of vessel activities, speed, directions and uses of boat ramps or tributaries were observed based on location and compared between weekdays and weekends.

Baseline studies, such as this study, are important to determine the current vessel movements and uses within the Port Curtis Region and can be used with future studies to compare the differences in maritime movements within the region, attributed to industrial and urban development.

## 1.0 INTRODUCTION

Port Curtis is a shallow, semi-enclosed estuarine system situated on the central coast of Queensland approximately 600 kilometers north of Brisbane. There are two large offshore islands (Curtis and Facing Islands), that surround the waters of Port Curtis forming a narrow coastal embayment approximately 200 km<sup>2</sup> in area. Freshwater enters the harbour from two major rivers (Boyne and Calliope) and numerous creeks discharging into the port. Strong tidal currents and a 5m tidal range also have major influences on the area's marine and intertidal ecosystems. The area supports a wide range of marine habitats including mangroves, seagrass meadows, salt-marshes, coral reefs, and extensive mudflats and subtidal soft-sediments (Connolly et al., 2006).

Many of the regions coastal environments are considered significant in terms of conservation value. The Great Barrier Reef World Heritage Area commences at the low water mark on the mainland side of the Narrows and includes Curtis Island, while the offshore areas east of Curtis Island are included within the Mackay/Capricorn Section of the Great Barrier Reef Marine Park (GBRMPA, 1998). Areas in and around Port Curtis also provide important feeding grounds for the endangered species *Dugong dugong* and have been declared part of the Rodd's Bay Dugong Sanctuary (GBRMPA, 1998).

Industrial growth in the Port Curtis region over the last 40 years has resulted in the development of several foreshore manufacturing, processing and bulk handling facilities. These include major alumina and aluminum processing plants, a coal-fired power station, a cement works, several chemical refineries, and an extensive network of shipping wharves and storage facilities. Other significant industries within the region include mining, agriculture, fishing and tourism. Due to major industry in the Port Curtis Region, there are a number of commercial wharfs promoting international shipping to the area, which are managed by the Gladstone Ports Corporation (GPC). Some of the ports infrastructure includes Q.C.L Wharf, RG Tanner Coal Terminal, Barney Point Wharf, Fisherman's



Landing Wharf, Port Alma Shipping terminal and Boyne Smelters terminal. Moreover, a large recreational fishing and boating community is present within the Port Curtis Region, with the second highest number of boat owners per capita in Australia after Hervey Bay (Queensland Transport).

A number of major LNG projects are proposed to be developed within Curtis Island's Port Curtis region within the next two-five years, ultimately increasing the amount of shipping to the area. Thus, a baseline study was commissioned to determine present (2009) harbour maritime movement from both the commercial and recreational sectors within the region.

The aims of the following study were to:

- Determine the amount of recreational and commercial vessel movements throughout the Gladstone Harbour, Calliope River and the Narrows section during weekdays and weekends;
- Determine the type of vessels used in the area;
- Determine the types of vessel activities engaged in the area;
- Determine the vessel speeds engaged within each section of the harbour; and
- Determine the movements (direction/heading) of the vessels.

## **2.0 MATERIALS AND METHODS**

### **2.1 Vessel survey**

QGC commissioned the Centre for Environmental Management at CQUniversity Australia to conduct a comprehensive vessel study within the Port Curtis Region. The vessel survey included Gladstone Harbour (Auckland Point/Creek and Marina), Calliope River and the Narrows section. Two ground based survey teams and a live aboard vessel survey team were strategically placed at different points of the Port Curtis Region to record the number of vessels using the areas. The three points included Spinnaker Park, to record vessel movements along the main harbour channel and entering/leaving Auckland Creek (and Gladstone Marina); under the bridge at Calliope River, to determine vessel movements heading north (towards the harbour), south (up stream of Calliope River) or using the boat ramp; and at the Narrows, to determine vessel movements through the Narrows, east/west Passage Island, Graham's Creek and Targinie Creek (Figure's 1-4).

The survey was conducted for a total of five weekdays and five weekends between the 25<sup>th</sup> of October to the 8<sup>th</sup> of November 2009. Information collected included vessel use (recreational/commercial), the type of vessel (tinny, cruiser, ship, barge), the activity (travel, fishing crabbing, towing), the speed (anchored, displacement, planing or >20 knots) and the direction of travel or boat ramp use. Weather measurements (wind and temperature) were recorded daily. A separate survey was conducted to determine the use of small vessels in the Narrows section along Phillipies Landing and Ramsey's Crossing during the 13<sup>th</sup> of November to the 22<sup>nd</sup> of November 2009. Phillipies Landing boat ramp was located at Targinie Creek, and Ramsey's crossing had two boat ramps (south and north). Due to shallow tidal restrictions within the area, the boat ramps were surveyed at the high tide mark only. Boat trailers or boats with trailers were counted during four weekdays and four weekends, to determine the number of small vessels using the creeks of the Narrow section. See figures 5-6 for site localities.

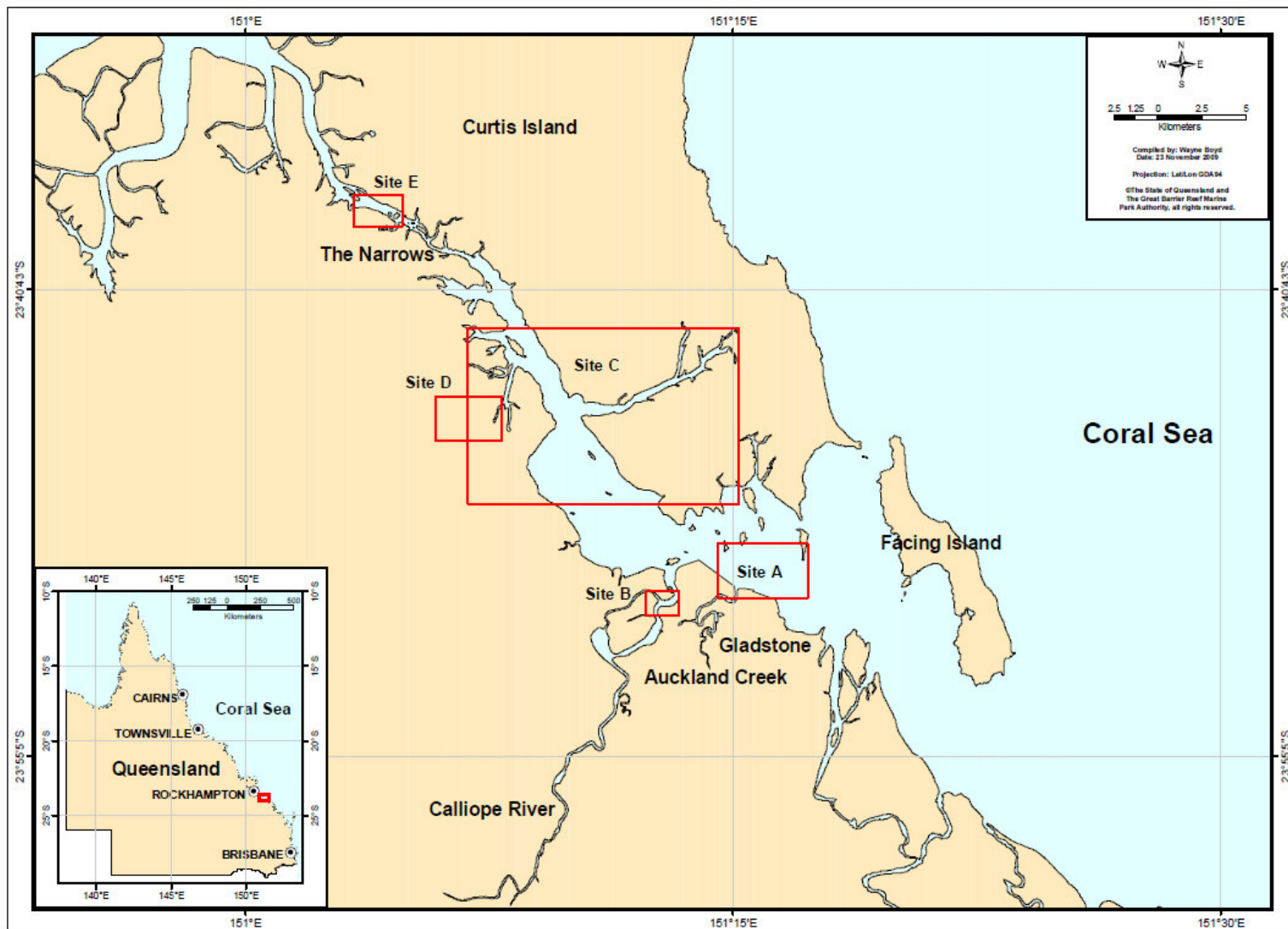


Figure 1. Map of vessel survey sites around the Port Curtis Region.

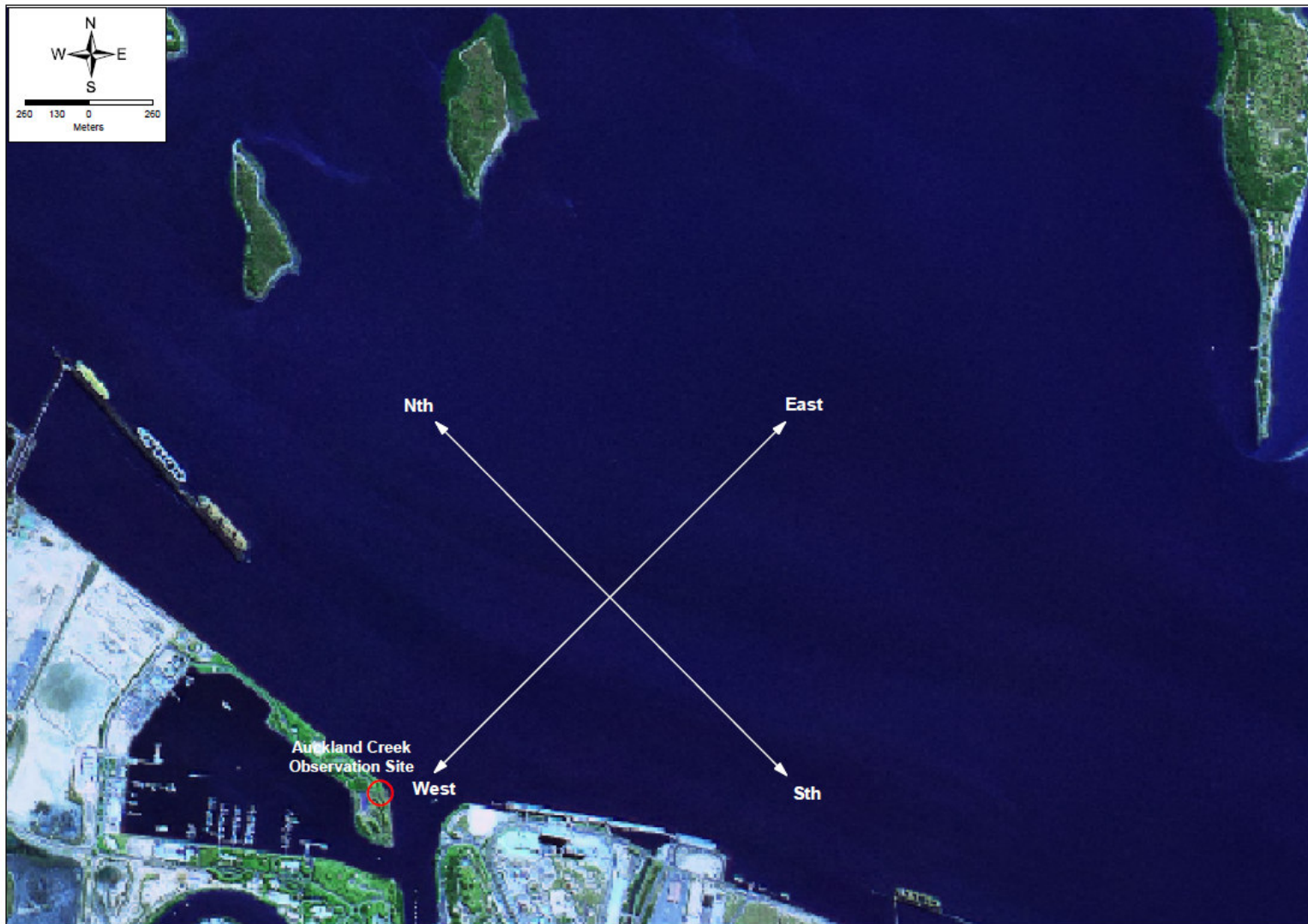


Figure 2. Map of the Auckland Creek survey location (Site A) showing north, south, east and west vessel headings.



Figure 3. Map of the Calliope river survey location (Site B) showing the boat ramp and north/south vessel headings.

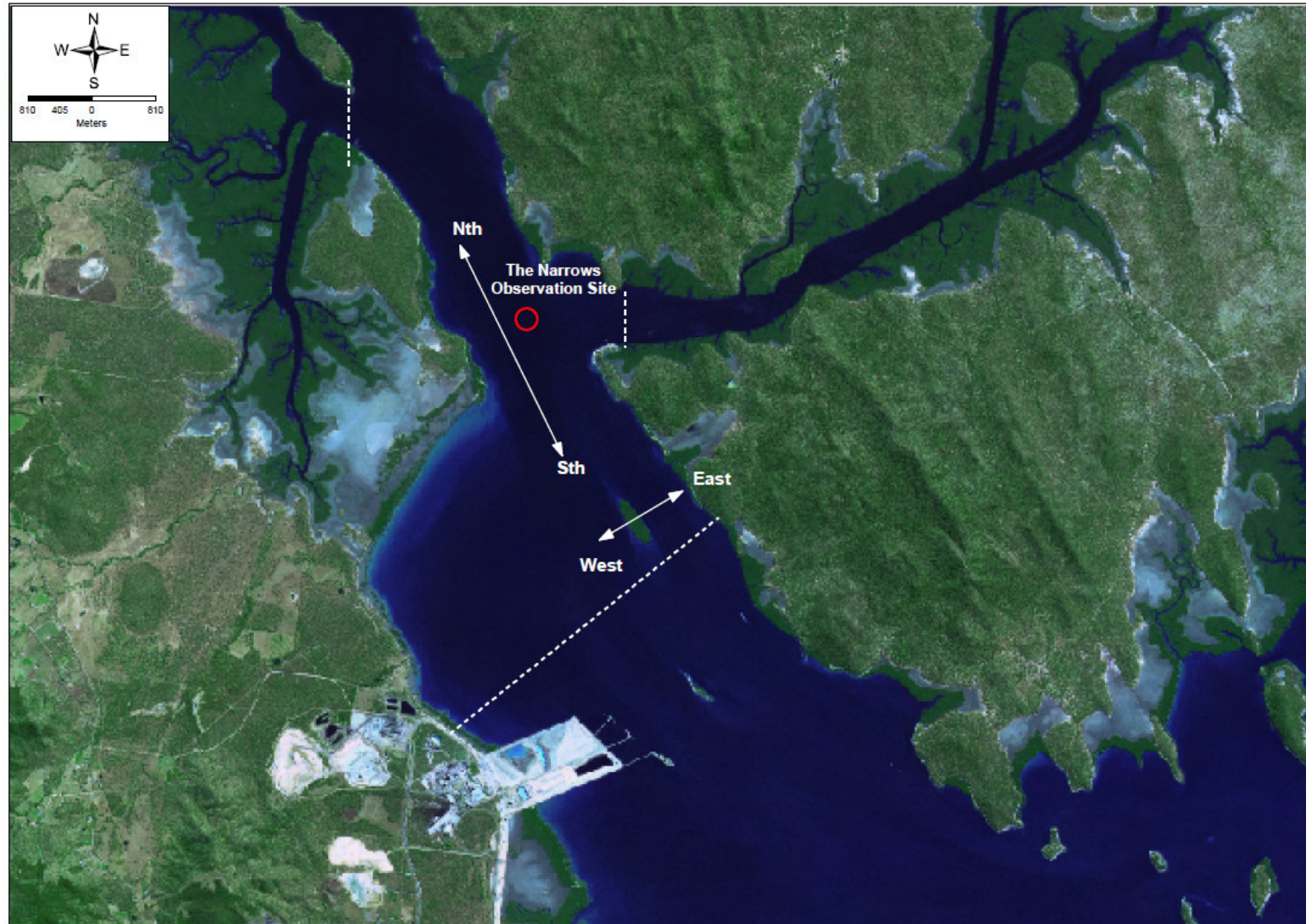


Figure 4. Map of the Narrows survey location (Site C) showing Passage Island, Grahams Creek and Targinie Creek vessel headings.

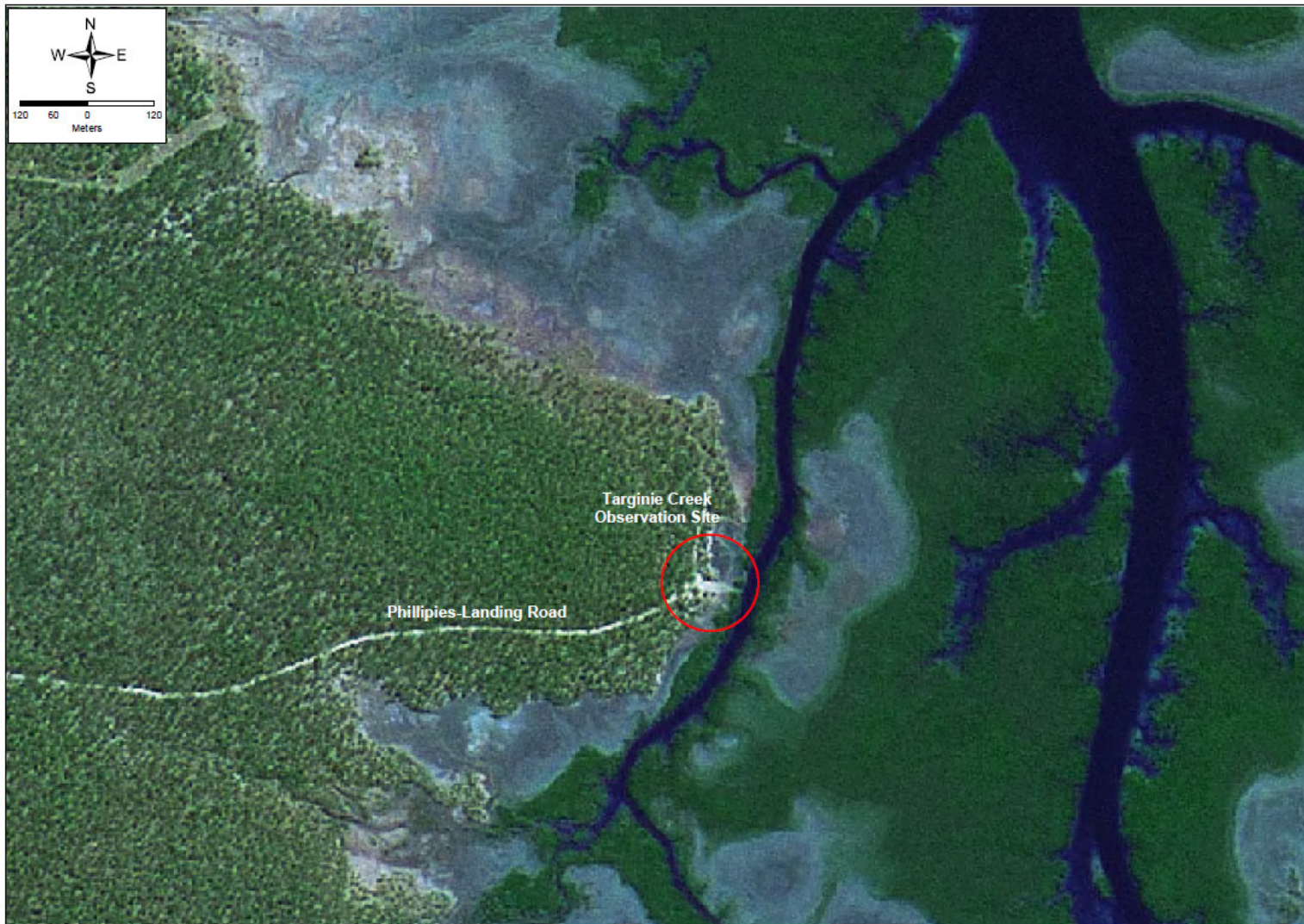


Figure 5. Map of the Phillipies Landing boat ramp location (Site D) for the boat trailer survey along Targinie Creek.



Figure 6. Map of Ramsey's Crossing north and south boat ramp locations (Site E) for the boat trailer survey along the Narrows



## 2.2 Data analysis

Each vessel sighting was recorded as an independent entry within space and time. For example, if the same vessel was seen leaving a boat ramp towards one direction, and the same vessel was entering the boat ramp from a different direction at a different time of day, then it would be recorded as two separate entries (or vessels), thus, the harbour was used by two independent vessels (could be the same or different vessel) at a specific time and day. Each day was treated as an independent replicate, thus five weekdays and five weekends were surveyed ( $n = 5$ ). High average daily winds (>15-20 Knots) were recorded for both weekdays and weekend throughout the survey, except for one weekend entry on the 25/11/09, where variable winds of 5-10 knots were recorded. As a result of the one weekend with low variable winds, a significant number of vessels used the Auckland Creek boat ramp and marina, thus, this independent weekend outlier was omitted from the analyses as a representative replicate, however, numbers were expressed separately to determine vessel traffic on a “low wind weekend” scenario in Gladstone. Moreover, on the weekend of 8/11/09, the Gladstone 100 boat race was on. Due to high winds on the day (20-30 knots), from the 250 registered entries (pers. coms.; Gladstone Marina staff), only ~ 30 vessels competed. This day (data point replicate) was also omitted as a weekend entry for the Narrows section as an outlier, however, results were also reported separately as a “organised event scenario” for the Narrows.

Differences ( $P < 0.05$ , 95% Confidence intervals) in number of daily commercial and recreational vessels among days (weekday vs weekend) and per hour of each day were tested using one and two-way Analysis of Variance (ANOVA) for each site. Interaction between vessel use (commercial or recreation) and day (weekday/weekend) was also tested to determine if the results were consistent or if numbers changed independently of type of day (weekday/weekend). Data were tested for homogeneity of variance and normality. Significance levels were increased ( $P < 0.01$ , 99% confidence intervals) where data did not meet that criteria (Underwood, 1997; O'Neill, 2000).

Vessel type, activity, speed, direction and use of boat ramps were presented as proportional data (pie graphs; %) and separated into weekday/weekend.

### 3.0 RESULTS AND DISCUSSION

#### 3.1 Total number of vessels

A total of 1,741 vessels were recorded for the Gladstone Harbour (Auckland Point), 675 vessels for the Calliope River and 331 vessels for the Narrows section during the whole survey. Weekends had significantly ( $P < 0.05$ ) higher numbers of vessels for Auckland Creek, Calliope River and the Narrows section, with an average of 183 per day, 98 and 37 vessels per day, respectively, compared to 128, 37 and 20 vessels, respectively, during weekdays (Figure 7). During the “good weather” scenario on the 25/10/09, a total of 365 vessels were recorded at Auckland Creek, with 58 commercial and 305 recreational vessels logged within one day. During the Gladstone 100 competition (8/11/09), a total of 81 vessels were recorded through the Narrows, composed of 12 commercial vessels and 69 recreational vessels.

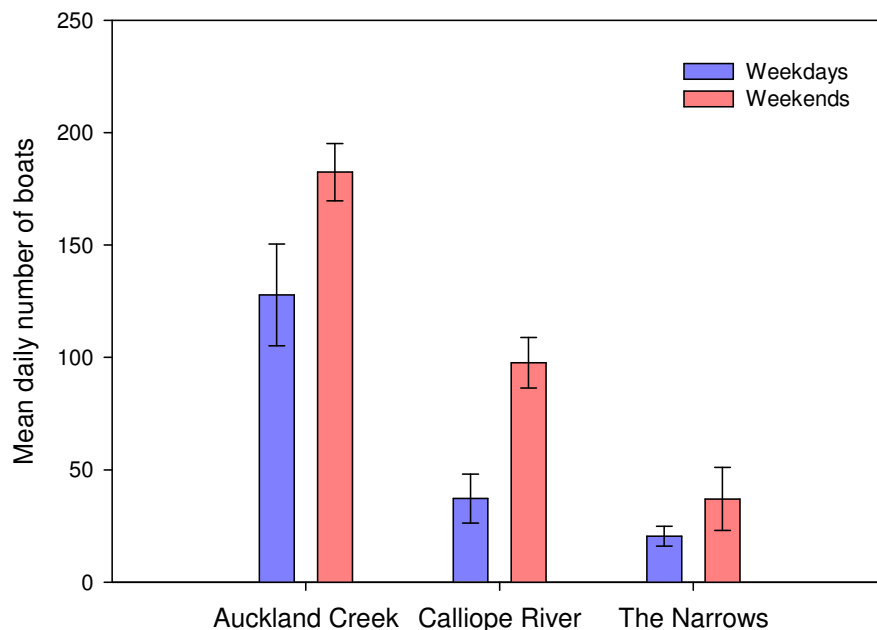


Figure 7. Mean ( $\pm$  95% CI) daily number of during weekdays and weekends ( $n = 5$ ).

There were no significant ( $P > 0.05$ ) differences in mean number of commercial vessels between weekdays and weekend for Auckland Creek, Calliope River or the Narrows, however, there were significantly ( $P < 0.05$ ) higher numbers of recreational vessels (over twice the number) during weekends compared to weekdays at all three locations (Figure 8), suggesting that the Gladstone Harbour and surrounding waters were used extensively on weekend by the recreational demographic.

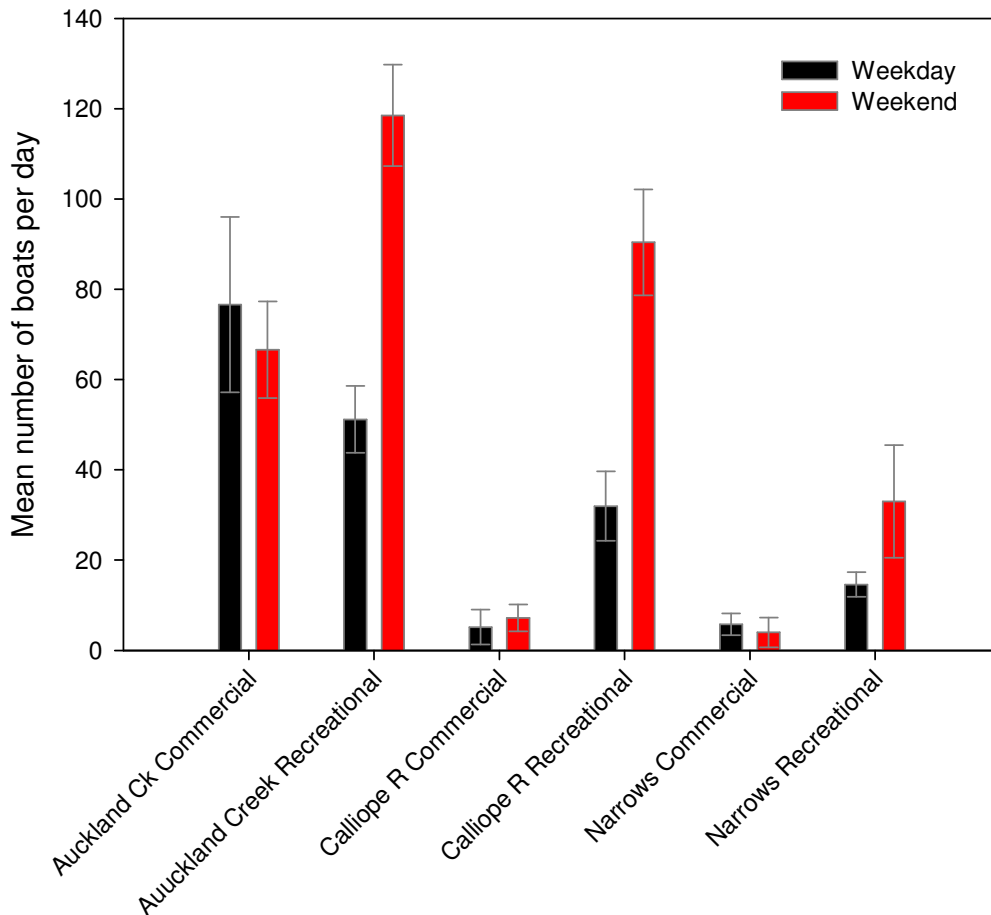


Figure 8. Mean ( $\pm$  95% CI) daily number of commercial and recreational vessels during weekdays and weekends.

A total of 133 boat trailers were recorded in the separate Narrows survey with 48 recorded during weekdays and 85 during weekends. There were no significant ( $P > 0.05$ ) differences in mean number of boat trailers at Ramsey's South boat ramp

between weekdays or weekends, however, there were significantly ( $P < 0.05$ ) higher number of boat trailers during weekends at Phillipies Landing and Ramsey's North boat ramps (~10), with no significant differences between the two sites (Figure 9).

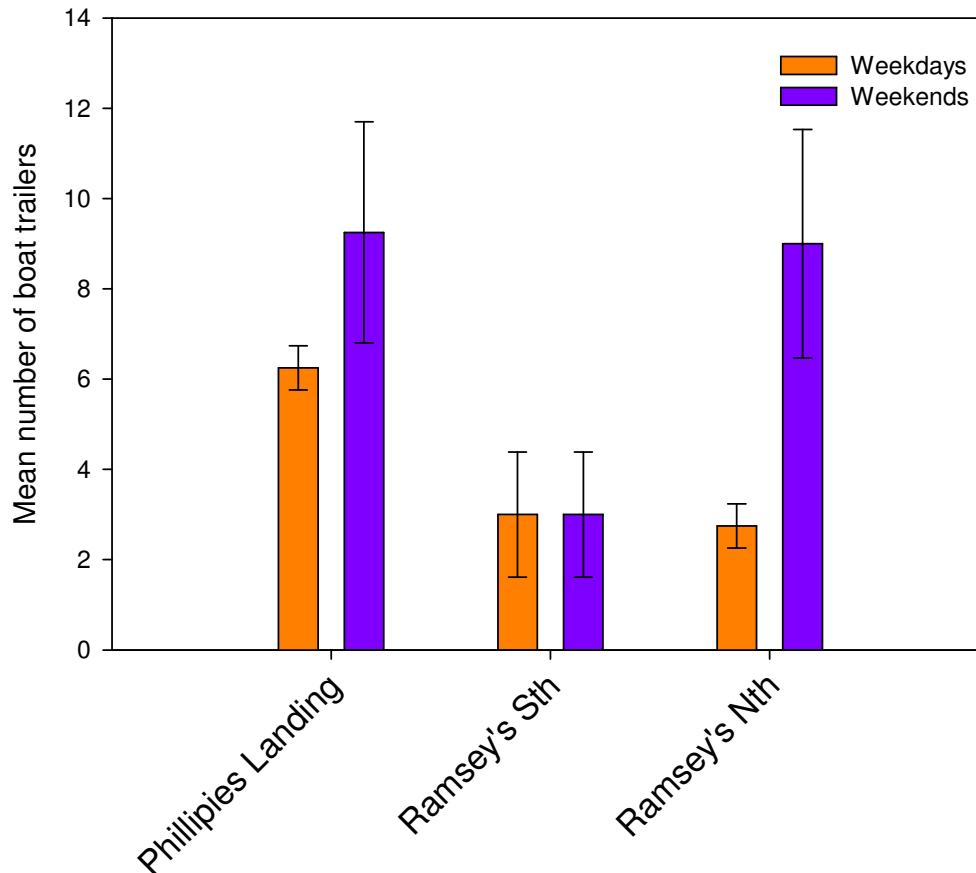


Figure 9. Mean ( $\pm$  95% CI) number of daily boat trailers in the Narrows section between weekdays and weekends,  $n = 4$ .

### 3.2 Number of vessels per hour

There were no significant ( $P > 0.05$ ) differences in the number of vessels per hour between weekdays and weekends for Auckland Creek (Figure 10). Mean number of vessels per hour were similar for most hours between weekdays and weekends at the Calliope River except from 12.00pm-1.00pm, with significantly higher numbers on weekends compared to weekdays (Figure 11). Mean

numbers of vessels in the Narrows were also similar for most hours except for the hours between 1.00pm-2.00pm and 5.00pm-6.00pm, with significantly ( $P < 0.05$ ) higher numbers of vessels during weekends compared to weekdays (Figure 12). There were no significant ( $P > 0.05$ ) patterns (correlations) between number of vessels per hour and hourly weather measurements (wind and temperature) for either weekdays or weekends (Figure 10-12), suggesting that numbers of vessels per hour were not governed by weather conditions. Mean daily wind conditions did have a significant effect on numbers of vessels, particularly during weekends, with up to a 3-fold increase in number of vessels using the main Gladstone harbour and Auckland Creek on significantly lower windy day (5-10 knots compared with 20-30 knots).

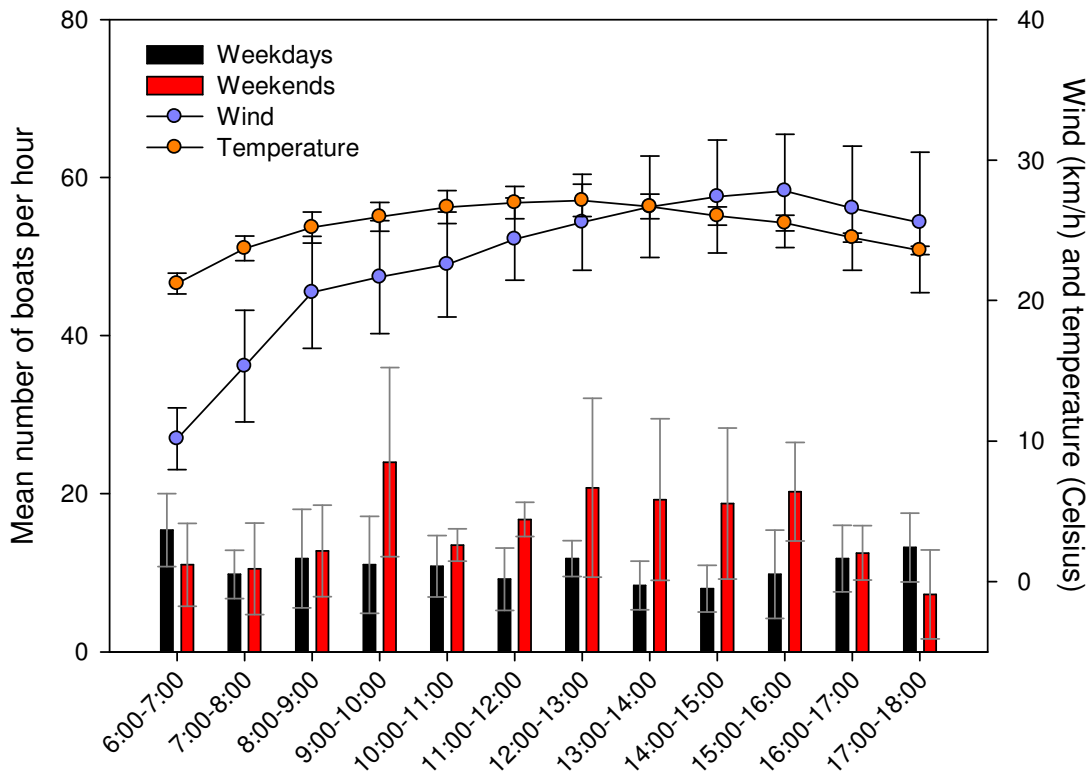


Figure 10. Mean number of vessels per hour at Auckland Creek during weekdays and weekends and overlaid hourly wind and temperature observations.

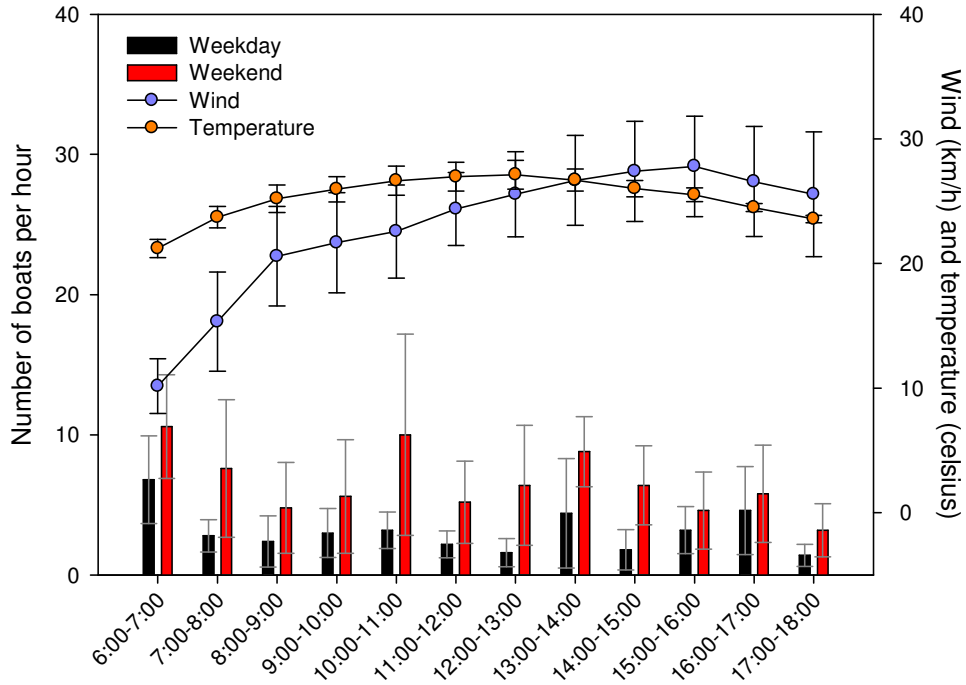


Figure 11. Mean number of vessels per hour at Calliope River during weekdays and weekends and overlaid hourly wind and temperature observations.

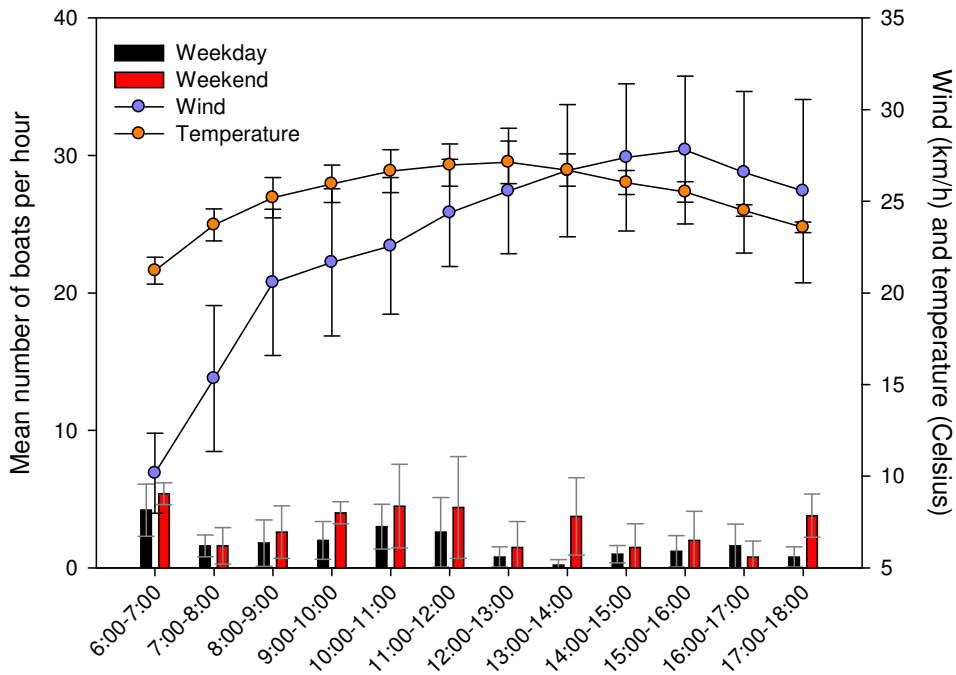
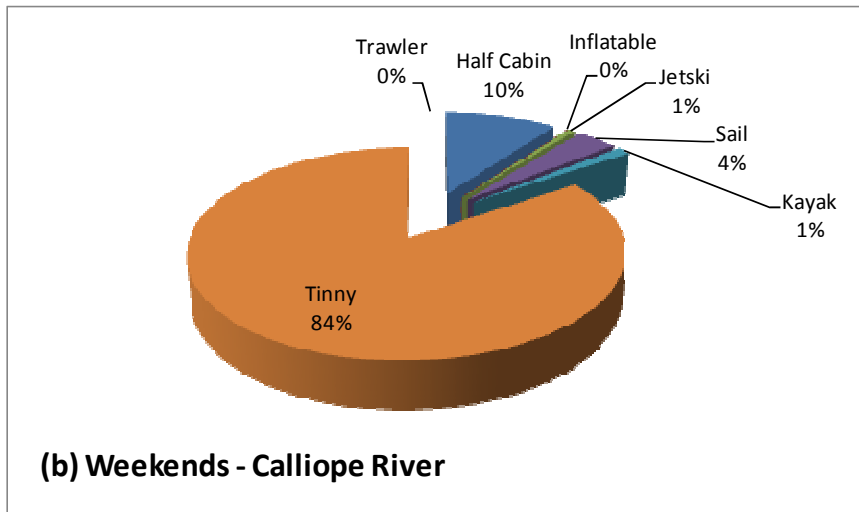
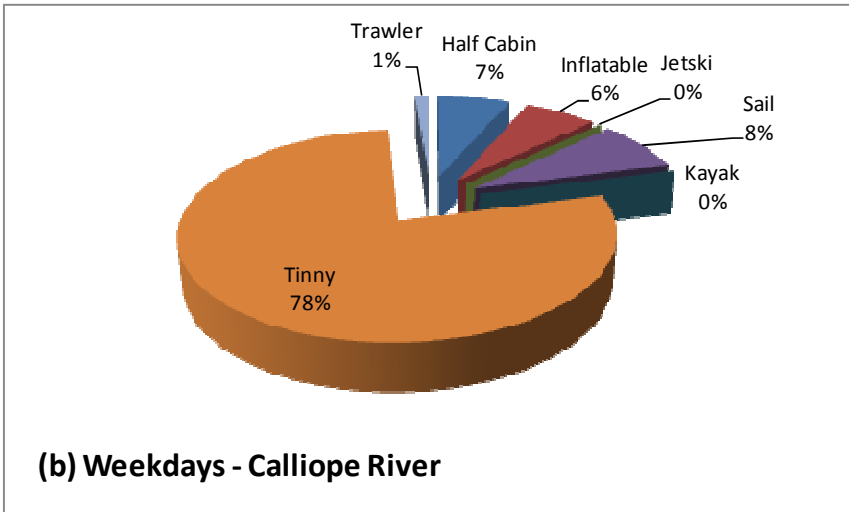
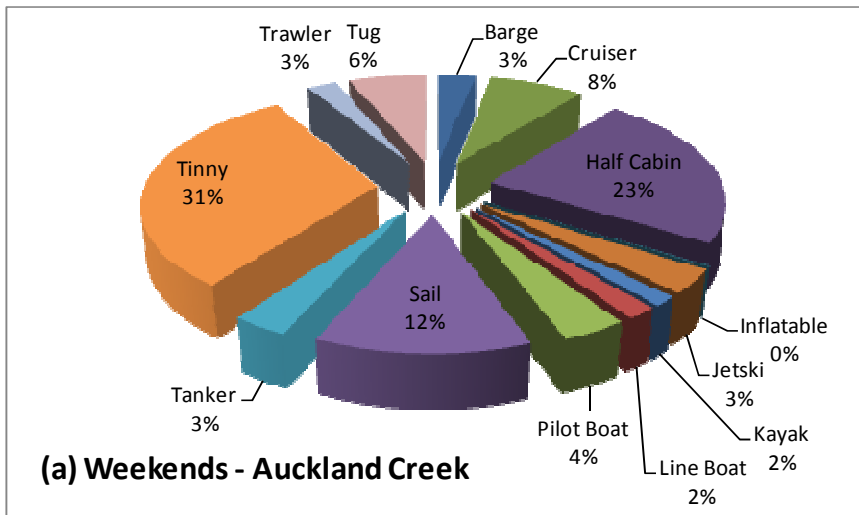
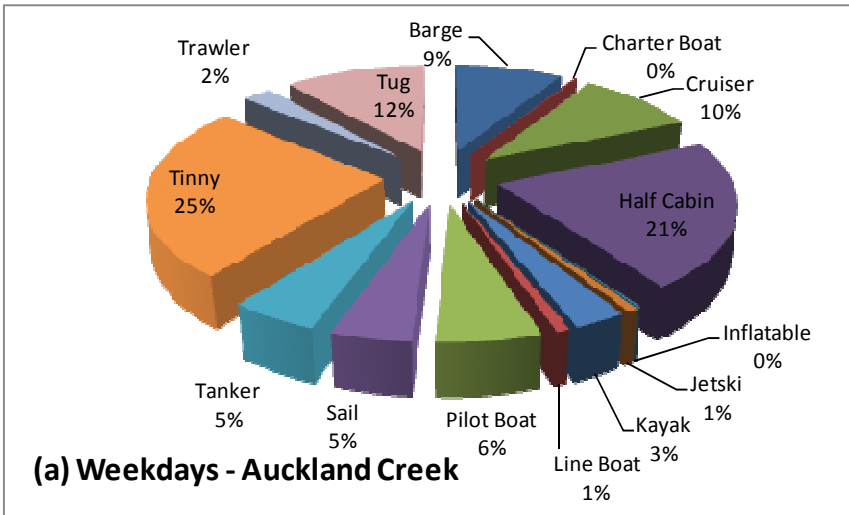


Figure 12. Mean number of vessels per hour at the Narrows during weekdays and weekends and overlaid hourly wind and temperature observations.

### **3.3 Vessel observations**

#### **3.3.1 Vessel types**

Tinnies and half cabs made up the highest proportion of vessels at Auckland creek during weekdays and weekends (20-30%), with an increased proportion of sailing vessels on the weekends (12%) (Figure 13a). Tinnies made up the highest proportion of vessels at the Calliope River for both weekdays and weekends (78-84%; Figure 13b), however, sailing vessels were proportionally higher during weekdays (40%) compared to weekends (21%) at the Narrows with an increased proportion of tinnies observed during the weekend (44%; Figure 13c). Lower proportions of other vessel types included tankers, barges, trawlers, jet skis and Kayaks (Figure 13).





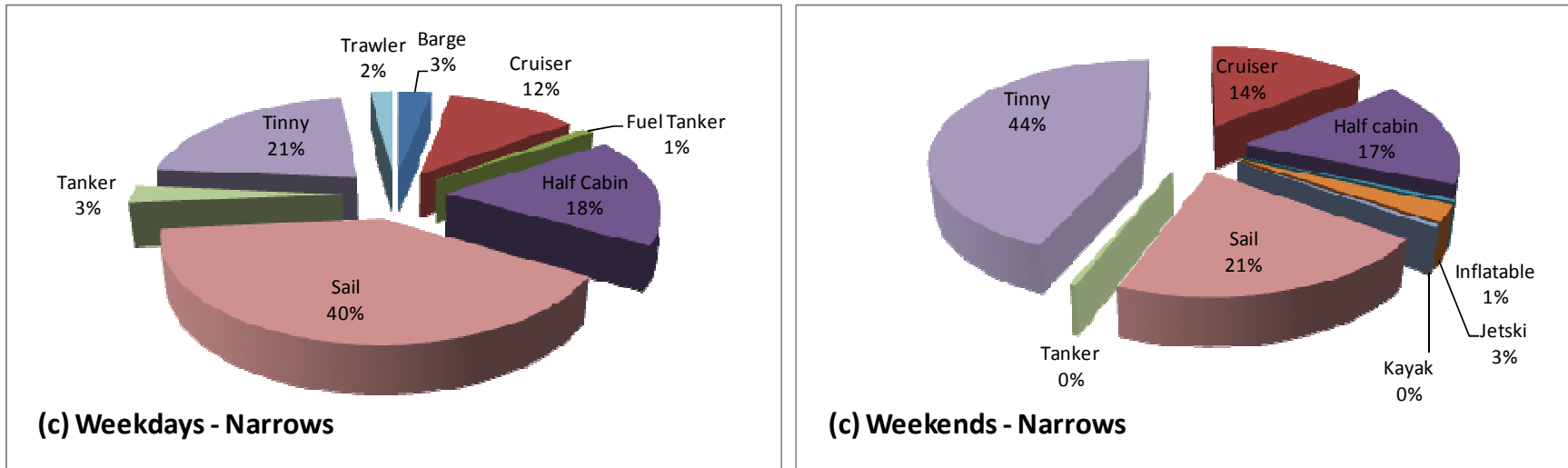


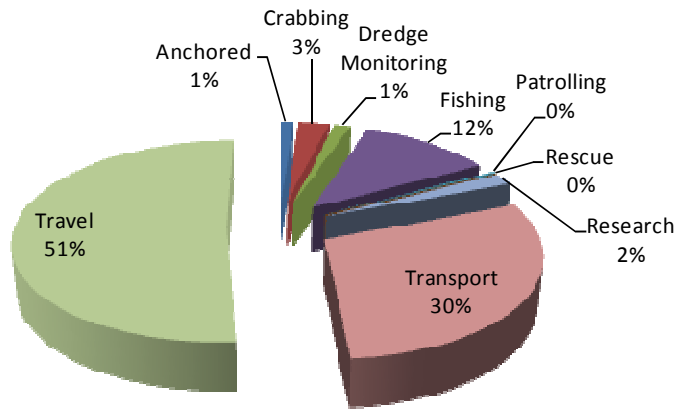
Figure 13. Proportion of vessel types during weekdays and weekends in (a) Auckland Creek, (b) Calliope River and (c) the Narrows.

### **3.3.2 Vessel activities**

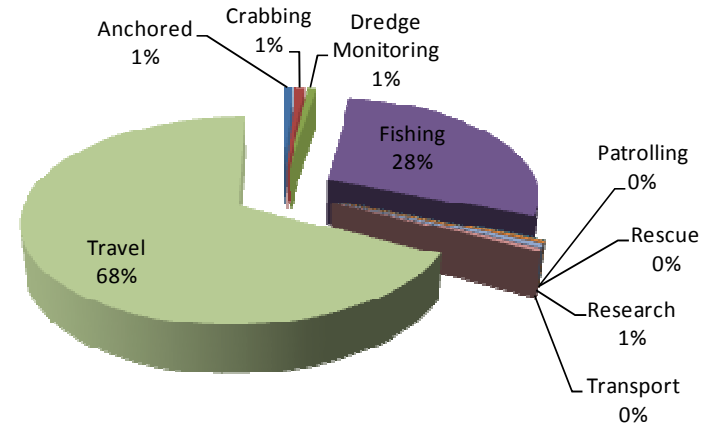
The highest proportion of vessel activities included traveling in the Gladstone Harbour (Auckland Creek; 51 - 68%) and Narrows section (54 - 68%) during both weekdays and weekends (Figure 14a & 14c), however, highest proportions of activities in the Calliope River included fishing (60 - 67%) and crabbing (14 - 20%) for both weekdays and weekends (Figure 14b). Other boating activities observed in lower proportions included research, towing, re-fueling, dredge monitoring, drilling, and patrolling (Figure 14).

### **3.3.3 Vessel speeds**

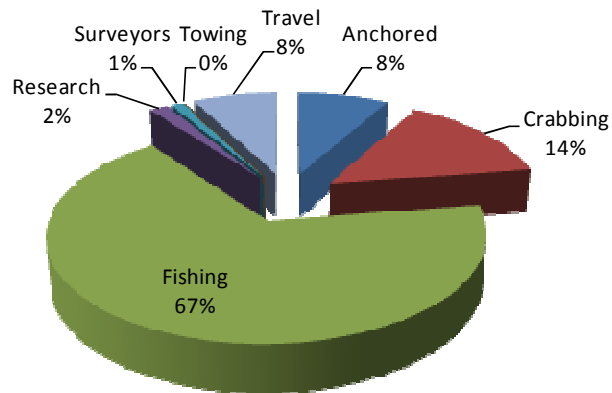
Highest percentages of speeds in Auckland Creek were displacement speeds (38-46% (Figure 15a), however, Calliope River had higher proportions of vessels traveling at planing (32-39%) and >20 knot speeds (38-49%) during both days (Figure 15b), possibly attributed to the higher percentages of speed boats in the creek as opposed to the larger commercial vessels including tankers and barges in Gladstone Harbour (Figure 13a & 13b). The largest speed proportion observed at the Narrows was displacement (42%) during weekdays compared to planing (66%) during weekends, possible due to the higher numbers of sailing vessels observed during the week compared to speed boats (Figure 13c), such as tinnies, using the area during the weekend (Figure 15c).



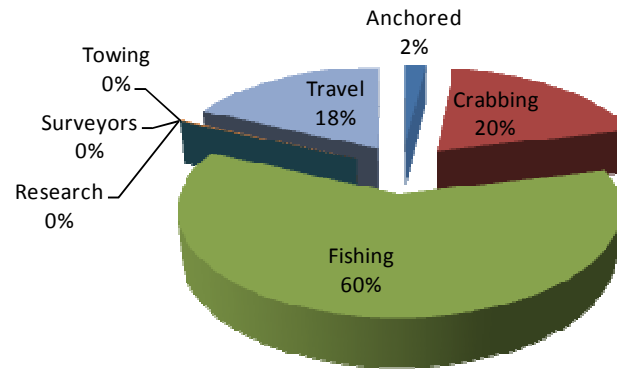
**(a) Weekdays - Auckland Creek**



**(a) Weekends - Auckland Creek**



**(b) Weekdays - Calliope River**



**(b) Weekends - Calliope River**

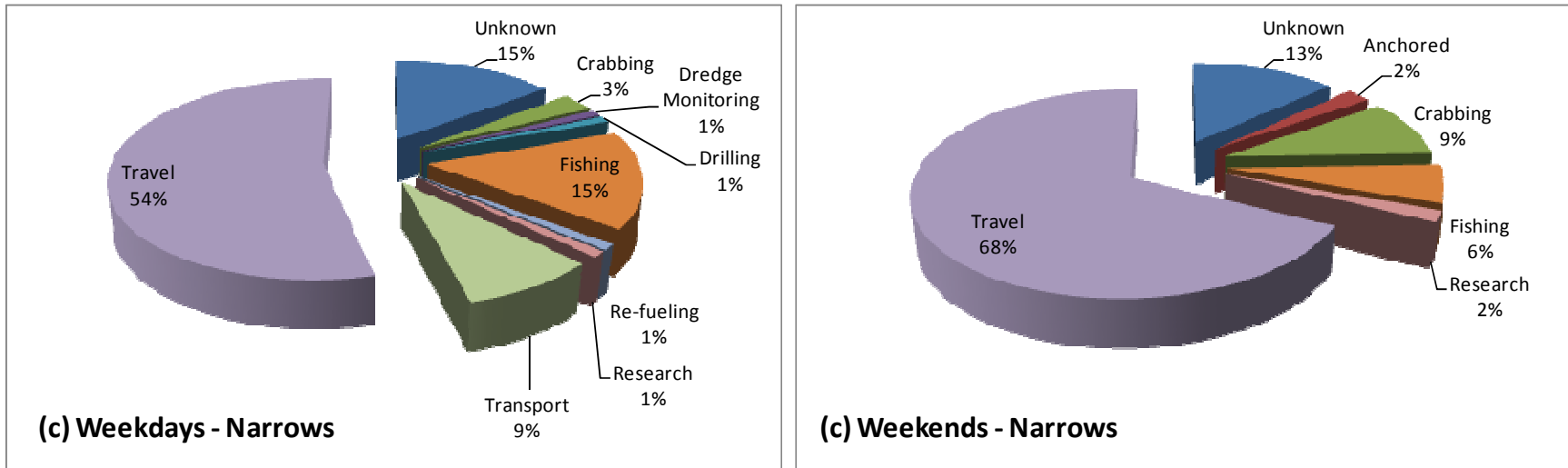
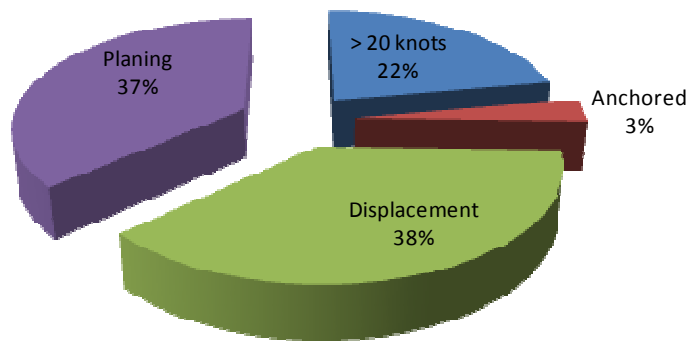
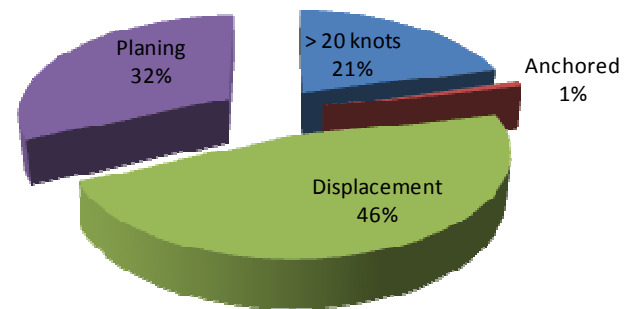


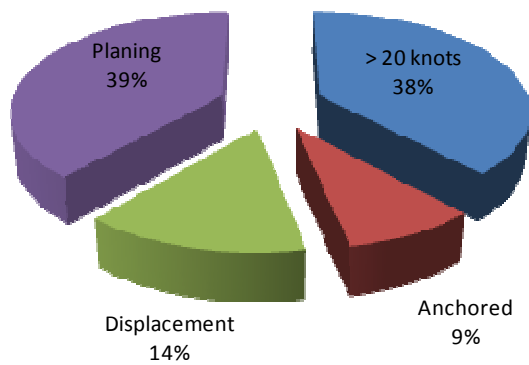
Figure 14. Proportion of vessel activities during weekdays and weekends in (a) Auckland Creek, (b) Calliope River and (c) the Narrows.



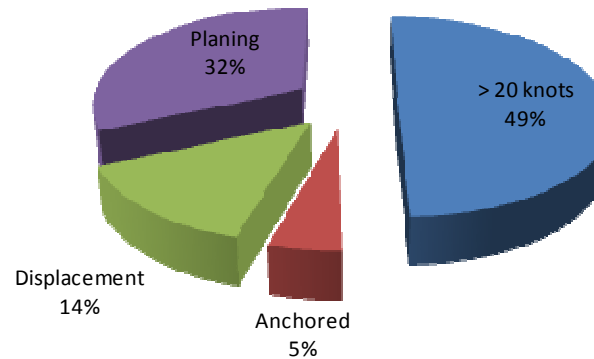
**(a) Weekdays - Auckland Creek**



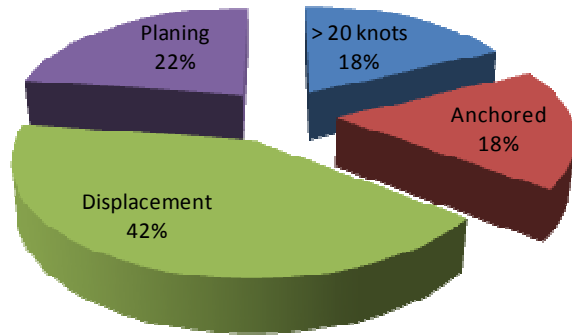
**(a) Weekends - Auckland Creek**



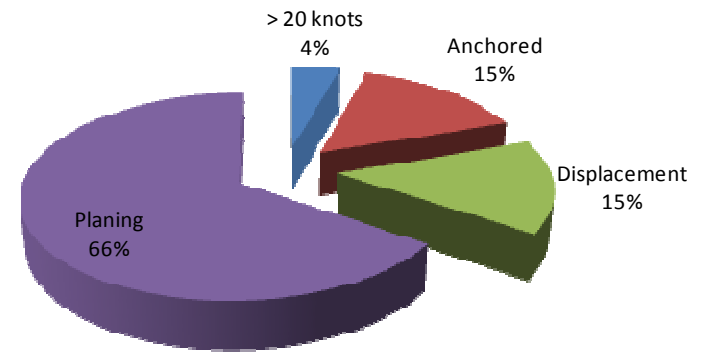
**(b) Weekdays - Calliope River**



**(b) Weekends - Calliope River**



**(c) Weekdays - Narrows**



**(c) Weekends - Narrows**

Figure 15. Proportion of vessel speed during weekdays and weekends in (a) Auckland Creek, (b) Calliope River and (c) the Narrows.

### **3.3.4 Vessel directions and creek use – Auckland Creek**

Similar proportions of vessels were entering and leaving Auckland Creek during weekdays and weekends (40-47%), potentially heading to/from the Gladstone Marina, the Auckland Point Boat Ramp or mooring sites along Auckland Creek (Figure 16a). A smaller proportion of vessels were not using Auckland Creek at all (passing through Gladstone Harbour) during weekdays and weekends (13-19%) (Figure 16a). Similar proportions of vessels were heading in all four directions (north, south east and west), with a significantly lower proportion of anchored vessels in Gladstone Harbour during weekdays and weekends (2-4%; Figure 16b).

### **3.3.5 Vessel directions and boat ramp use – Calliope River**

Similar proportions of vessels were using (entering/leaving) the Calliope River boat ramp during weekdays and weekend (35-39%; Figure 17a). A smaller percentage of vessels were passing through or not using the boat ramp at all (24-29%; Figure 17a). Similar proportions of vessels were heading in both northerly (towards the Gladstone harbour) and southerly (upstream of Calliope River) directions for both weekdays and weekends (45-47%; Figure 17b), and a significantly smaller proportion of vessels were anchored at Calliope River during weekdays and weekends (7-8%; Figure 17b). Due to the surveyor position site, an accurate indication of vessel use in the ana-branch of the Calliope River was unable to be accurately determined.

### **3.3.6 Vessel directions and tributary use – Narrows section**

For both weekdays and weekends, highest proportions of vessels were heading in a southerly direction (45-50%) as opposed to heading in a northerly direction (28-39%; Figure 18a). An increase in the proportions of vessels heading in a northerly direction was observed during weekends, possibly due to the higher proportions of speedboats coming from the Gladstone Harbour (Figure 13c). A significantly higher proportion of vessels used the eastern side (41-54%) of Passage Island compared to the western side (18-21%) for both weekdays and

weekends. Forty one percent of vessels did not use the Passage Island crossing during weekdays, as opposed to 25% during weekends (Figure 18b). This suggests that vessels came from the northern Narrows section and used one of the tributaries. Of the total numbers of vessels surveyed in the Narrows section, similar proportions of vessels entered and left Graham's Creek (27-34%; Figure 19a) for both weekdays and weekends. A slightly higher proportion of vessels did not use Graham's creek at all (38-45%; Figure 19a) during weekdays and weekends. The proportion of vessels entering and leaving Targinie Creek was significantly lower than vessels using the Narrows or Grahams Creek sections (Figure 19b). During weekdays, equal proportions of vessels used (entered or left) Targinie Creek (8%), with half as many using Targinie Creek during weekends (3-5%). Between 84-92% of vessels did not use Targinie Creek during weekdays or weekends (Figure 19b).



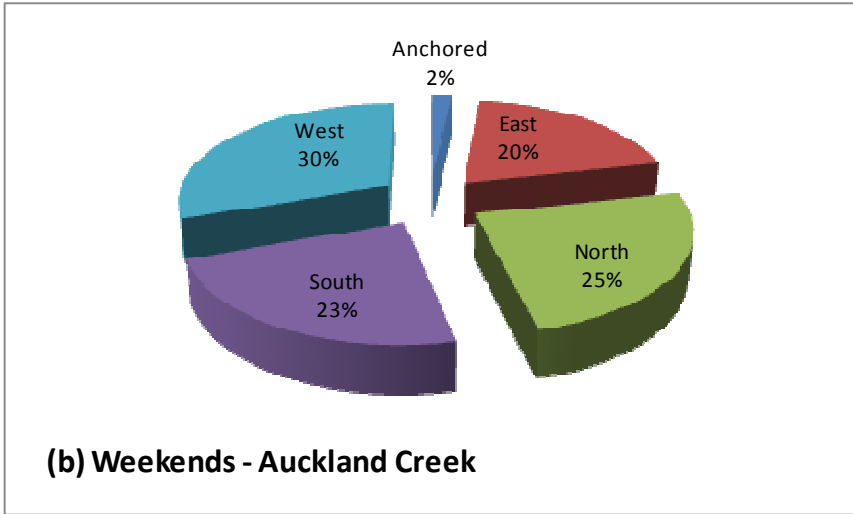
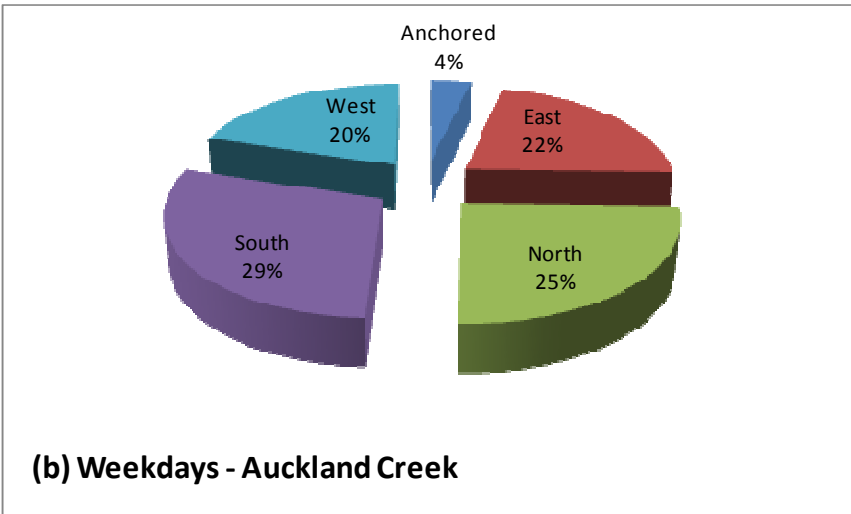
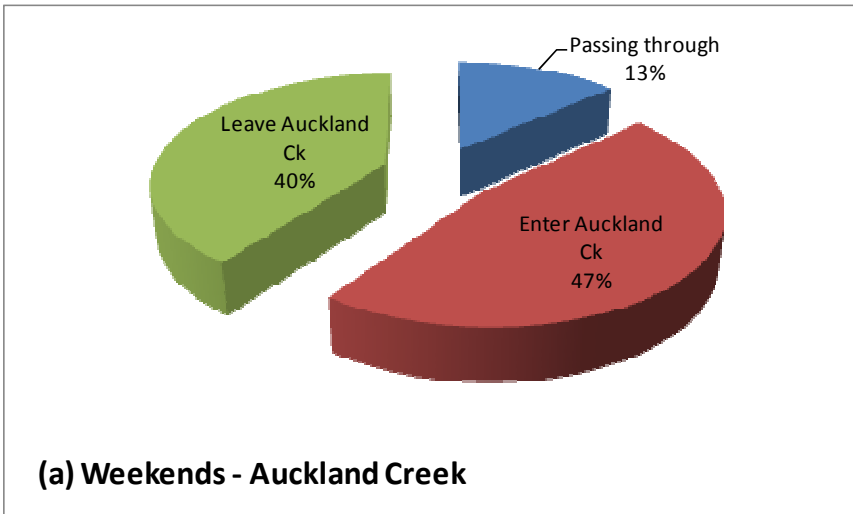
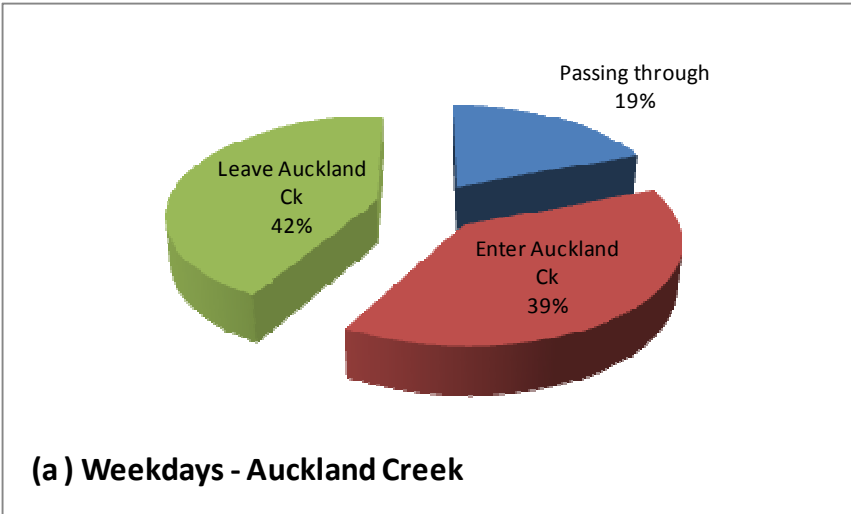


Figure 16. Proportions of vessel (a) entering or leaving Auckland Creek, and (b) direction in Gladstone Harbour during weekdays and weekends.

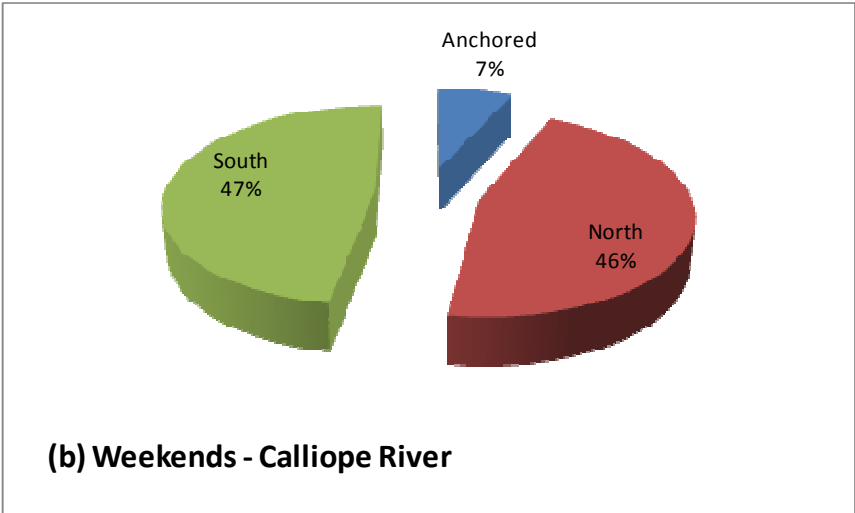
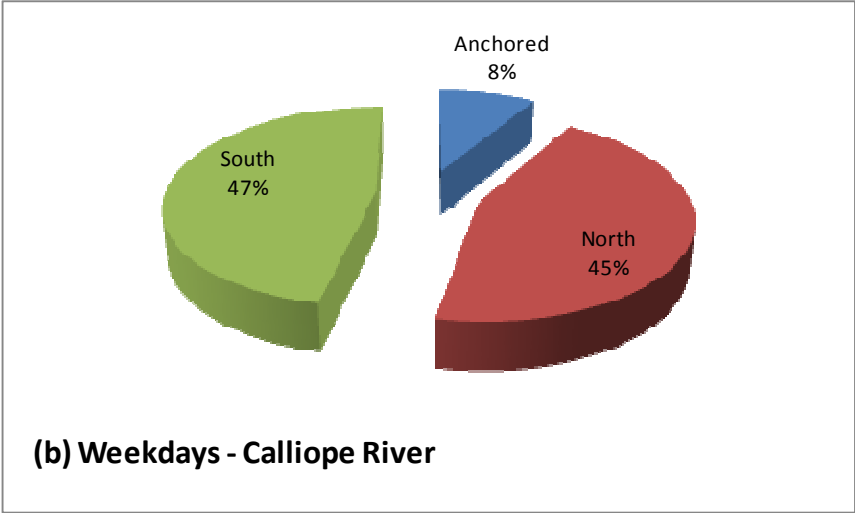
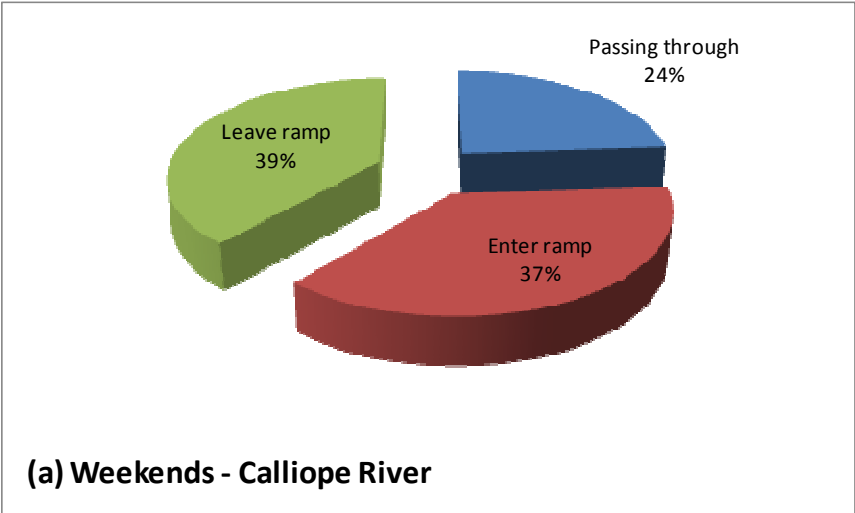
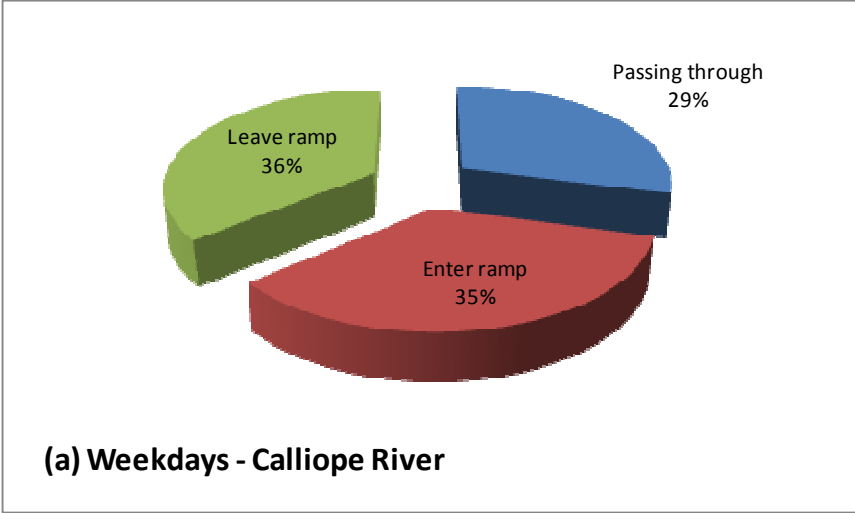


Figure 17. Proportions of vessel (a) boat ramp use, and (b) direction in Calliope River during weekdays and weekends.

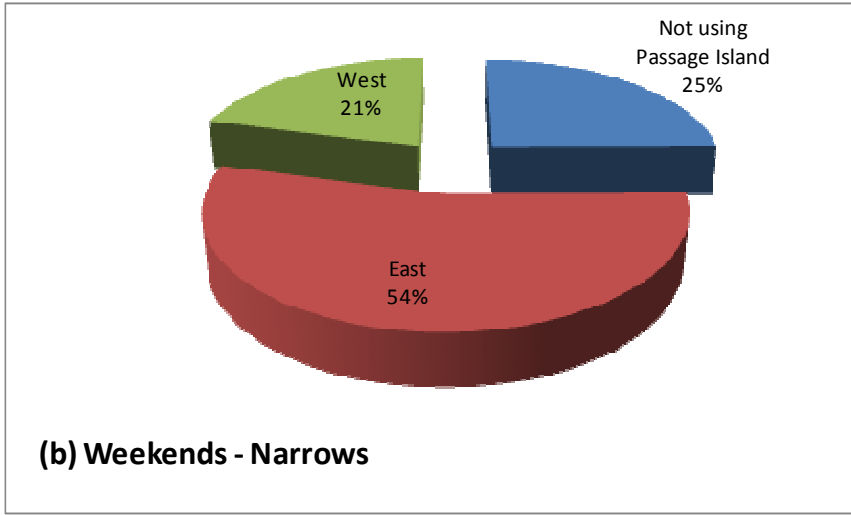
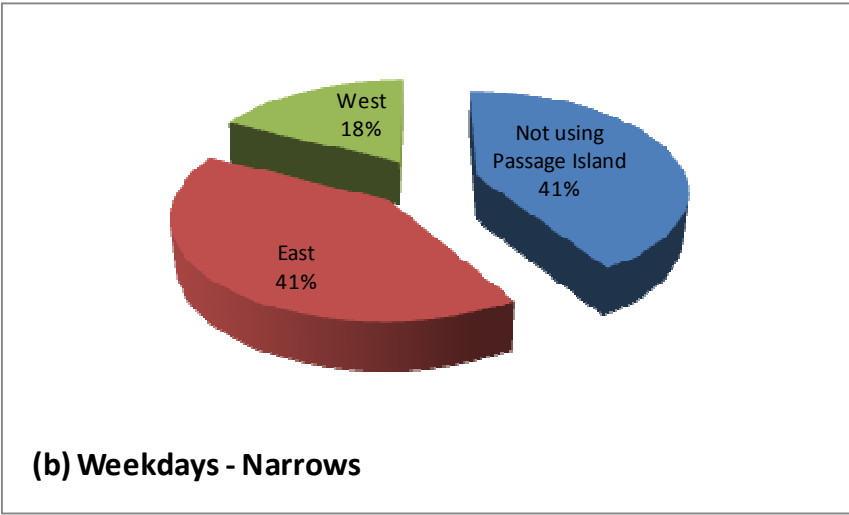
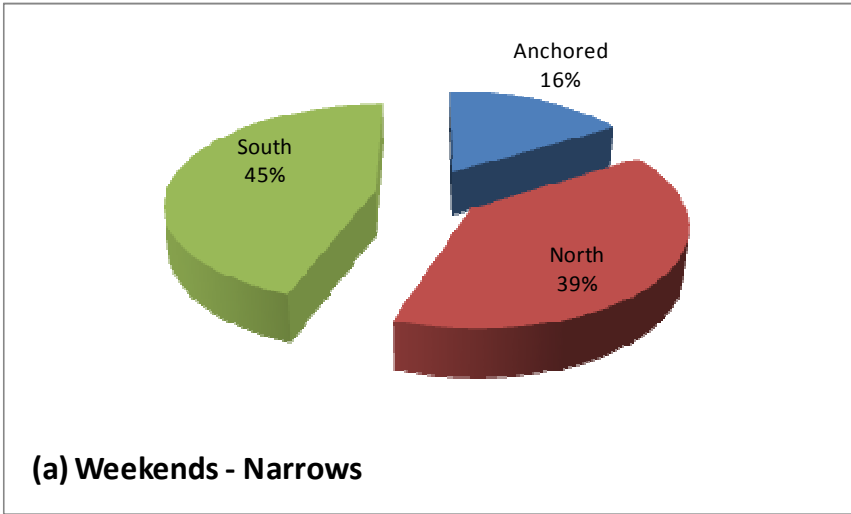
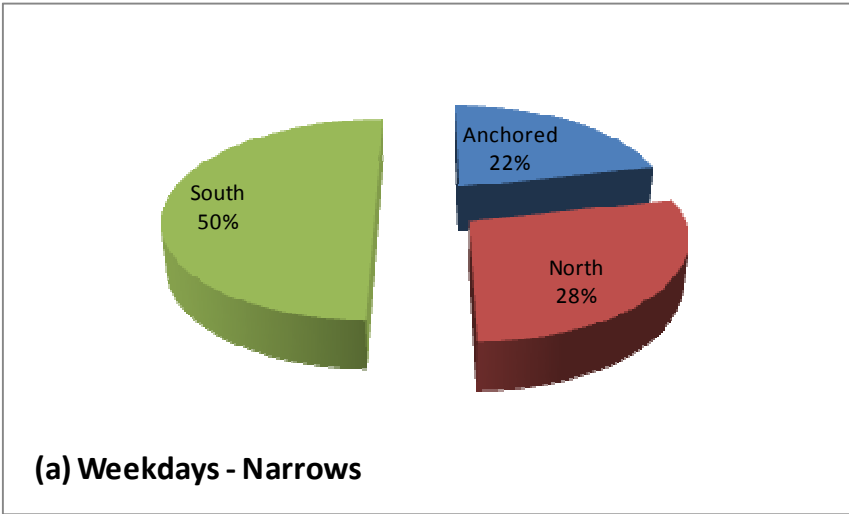


Figure 18. Proportions of vessel (a) course heading, and (b) use of Passage Island during weekdays and weekends in the Narrows section.

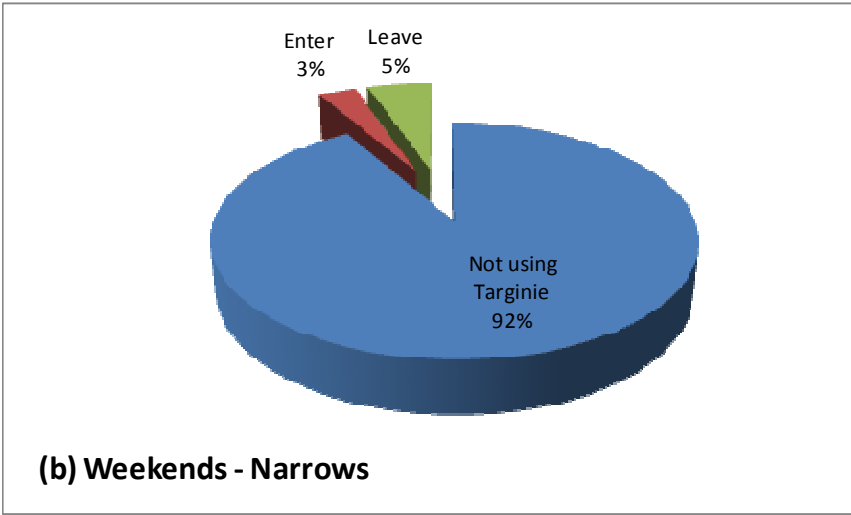
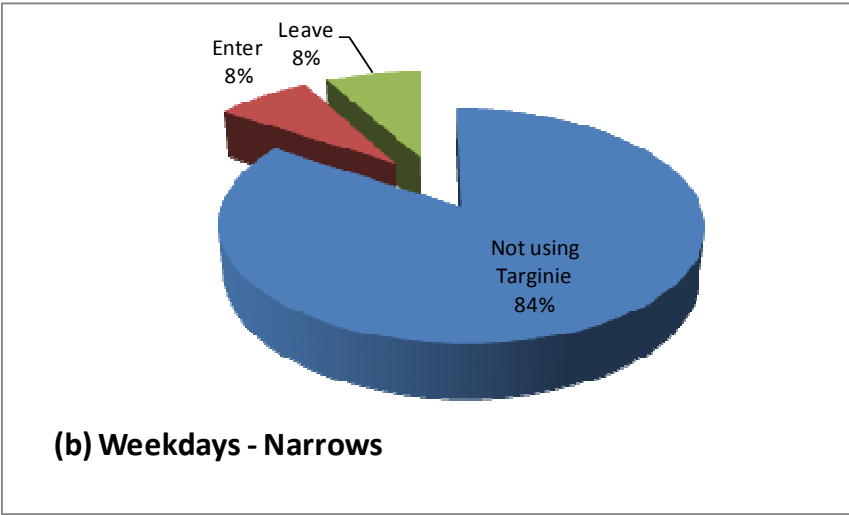
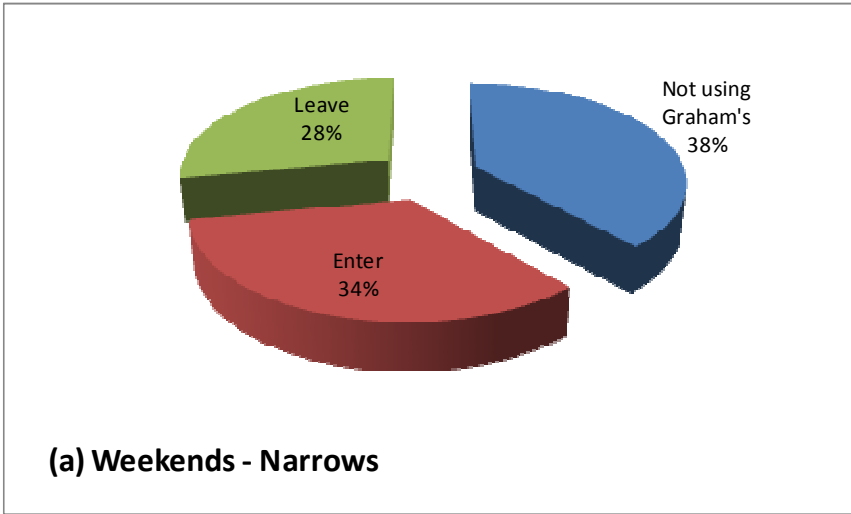
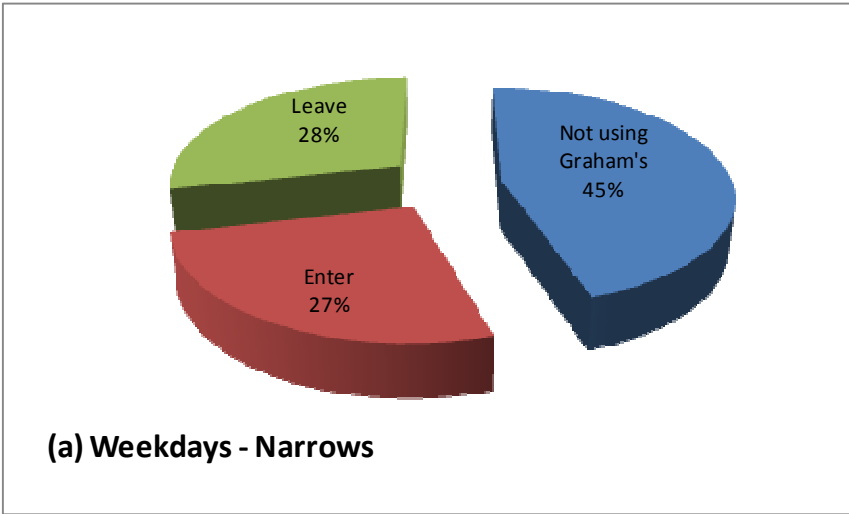


Figure 19. Proportions of vessels using (a) Graham's Creek, or (b) Targinie Creek during weekdays and weekends in the Narrows section.

## 4.0 CONCLUSIONS

A comprehensive vessel survey was conducted during October/November of 2009 within the Port Curtis Region. Vessels were surveyed during five weekdays and five weekends along Gladstone Harbour, Calliope River and the Narrow section. Vessel numbers were highest in the Gladstone Harbour section with a total number of 1,741 vessels recorded. The survey recorded 675 vessels in the Calliope River and 331 vessels in the Narrows section. Vessel numbers were significantly higher during weekends compared to weekdays for all three survey locations. There were no significant trends associated with the number of vessels per hour of each weekday or weekend for the three locations compared to hourly weather patterns. Daily weather observations, particularly winds, had a significant effect on the number of vessel use, particularly during weekends. A significant numbers of vessel types were observed in Auckland Creek/Gladstone Harbour (up to 14 vessel types), compared to Calliope river, which made up a significant proportion of tinnies and sailing vessels.









Different proportions of vessel activities were observed at the three survey locations, with travel and transport being the highest proportion in Auckland Creek, fishing at Calliope River and travelling in the Narrows section. Proportions of different speed categories were also recorded at the three locations, with displacement being the highest speed category for Auckland Creek and > 20 knots at Calliope River for both weekend and weekdays. Interestingly, Displacement speeds were in the highest proportions during weekdays and planing speeds were highest during weekends in the Narrows section. This was probably attributed to the different types of vessels used on weekdays compared to weekends.

This study was a comprehensive baseline study to determine the vessel movement and use in the Gladstone Region during weekdays and weekends for 2009 and can serve as important data to compare to future boating movements within the region.

## 5.0 REFERENCES

- Connolly, R.M., Currie, D.R., Danaher, K.F., Dunning, M., Melzer, A., Platten, J.R., Shearer, D., Stratford, P.J., Teasdale, P.R., M., V., 2006. Intertidal wetlands of Port Curtis: Ecological patterns and processes, and their implications. Technical Report No. 43. CRC for Coastal Zone, Estuary and Waterway Management, Brisbane.
- GBRMPA, 1998. Great Barrier Reef Marine Park - Mackay Capricorn Section zoning information. Great Barrier Reef Marine Park Authority, Townsville, Australia.
- O'Neill, M.E., 2000. Theory & Methods A Weighted Least Squares Approach to Levene's Test of Homogeneity of Variance. Australian & New Zealand Journal of Statistics 42, 81-100.
- Underwood, A.J., 1997. Experiments in ecology: their logical design and interpretation using analysis of variance. Cambridge University Press, Cambridge, U.K.

## Appendix I

<p><b>Tinnie/Dingy</b></p> 	<p><b>Cruiser</b></p> 	<p><b>Commercial Identification</b></p> <p>Letter after the Q</p>  <p>Colour behind the rego</p>
<p><b>½ Cabin</b></p> 	<p><b>Barge</b></p> 	<p><b>POB (number of people on board)</b></p> <p><b>Activity – best guess</b></p> <ul style="list-style-type: none"> <li>- Crabbing - Travel</li> <li>- Fishing - Shipping</li> <li>- Transport</li> </ul> <p><b>Speed</b></p> <ul style="list-style-type: none"> <li>- Anchored - Planing</li> <li>- Displacement - +20 knots</li> </ul>
<p><b>Sailing</b></p> 	<p><b>Tug</b></p> 	<p><b>Tanker</b></p> 

## Appendix II

Location: **Auckland Creek**

Date: \_\_\_\_\_

Recorders: \_\_\_\_\_

Time	Boat type	Use		POB	Activity	Auckland Creek		Direction				Speed	Comment
		Comm	Rec			Enter	Leave	N	S	E	W		
7:15	Tinny	Comm	Rec	2	Fishing	Enter	Leave	N	S	E	W	Planing	
		Comm	Rec			Enter	Leave	N	S	E	W		
		Comm	Rec			Enter	Leave	N	S	E	W		
		Comm	Rec			Enter	Leave	N	S	E	W		
		Comm	Rec			Enter	Leave	N	S	E	W		
		Comm	Rec			Enter	Leave	N	S	E	W		
		Comm	Rec			Enter	Leave	N	S	E	W		
		Comm	Rec			Enter	Leave	N	S	E	W		
		Comm	Rec			Enter	Leave	N	S	E	W		
		Comm	Rec			Enter	Leave	N	S	E	W		
		Comm	Rec			Enter	Leave	N	S	E	W		
		Comm	Rec			Enter	Leave	N	S	E	W		
		Comm	Rec			Enter	Leave	N	S	E	W		



Location: Calliope River

Date: \_\_\_\_\_

Recorders: \_\_\_\_\_

Time	Boat type	Use		POB	Activity	Boat Ramp		Direction		Speed	Comment
		Comm	Rec			Enter	Leave	N	S		
7:15	Tinny	Comm	Rec	2	Fishing	Enter	Leave	N	S	Planing	
		Comm	Rec			Enter	Leave	N	S		
		Comm	Rec			Enter	Leave	N	S		
		Comm	Rec			Enter	Leave	N	S		
		Comm	Rec			Enter	Leave	N	S		
		Comm	Rec			Enter	Leave	N	S		
		Comm	Rec			Enter	Leave	N	S		
		Comm	Rec			Enter	Leave	N	S		
		Comm	Rec			Enter	Leave	N	S		
		Comm	Rec			Enter	Leave	N	S		
		Comm	Rec			Enter	Leave	N	S		
		Comm	Rec			Enter	Leave	N	S		
		Comm	Rec			Enter	Leave	N	S		
		Comm	Rec			Enter	Leave	N	S		
		Comm	Rec			Enter	Leave	N	S		

Location: The Narrows

Date: \_\_\_\_\_

Recorders: \_\_\_\_\_

Time	Boat type	Use		POB	Activity	Speed	Direction		Grahams Creek		Targinnie Creek		Passage Island		Comments
		Comm	Rec				N	S	Enter	Leave	Enter	Leave	E	W	
6:15	Tinny	Comm	Rec	2	Fishing	Planing	N	S	Enter	Leave	Enter	Leave	E	W	
		Comm	Rec				N	S	Enter	Leave	Enter	Leave	E	W	
		Comm	Rec				N	S	Enter	Leave	Enter	Leave	E	W	
		Comm	Rec				N	S	Enter	Leave	Enter	Leave	E	W	
		Comm	Rec				N	S	Enter	Leave	Enter	Leave	E	W	
		Comm	Rec				N	S	Enter	Leave	Enter	Leave	E	W	
		Comm	Rec				N	S	Enter	Leave	Enter	Leave	E	W	
		Comm	Rec				N	S	Enter	Leave	Enter	Leave	E	W	
		Comm	Rec				N	S	Enter	Leave	Enter	Leave	E	W	
		Comm	Rec				N	S	Enter	Leave	Enter	Leave	E	W	
		Comm	Rec				N	S	Enter	Leave	Enter	Leave	E	W	
		Comm	Rec				N	S	Enter	Leave	Enter	Leave	E	W	
		Comm	Rec				N	S	Enter	Leave	Enter	Leave	E	W	

### Appendix III – Auckland Creek raw data

Date	Time	Boat type	Use (Commercial or Recreational)	POB	Activity	Auckland Creek (Enter or Leave)	Direction (North, South, East or West)	Speed
20/10/2009	06:00	Tug	Commercial	-	Travel	-	South	Displacement
20/10/2009	06:00	Tanker	Commercial	-	Travel	-	South	Displacement
20/10/2009	06:10	Cruiser	Recreational	-	Fishing	-	East	> 20
20/10/2009	06:10	Half Cabin	Recreational	-	Fishing	-	East	> 20
20/10/2009	06:00	Tanker	Commercial	-	Transport	-	-	Anchored
20/10/2009	06:00	Tanker	Commercial	-	Transport	-	-	Anchored
20/10/2009	06:00	Tanker	Commercial	-	Transport	-	-	Anchored
20/10/2009	06:00	Tanker	Commercial	-	Transport	-	-	Anchored
20/10/2009	06:00	Tanker	Commercial	-	Transport	-	-	Anchored
20/10/2009	06:25	Tinny	Commercial	1	Travel	Leave	North	Displacement
20/10/2009	06:25	Tinny	Commercial	2	Travel	Leave	North	Displacement
20/10/2009	06:35	Barge	Commercial	> 12	Transport	Leave	East	Displacement
20/10/2009	06:45	Half Cabin	Commercial	2	Transport	Enter	South	Planing
20/10/2009	06:55	Half Cabin	Commercial	2	Transport	Enter	South	Planing
20/10/2009	06:55	Barge	Commercial	3	Transport	Leave	North	Displacement
20/10/2009	06:55	Half Cabin	Commercial	-	Transport	Leave	North	Displacement
20/10/2009	06:57	Tug	Commercial	-	Travel	-	South	Displacement
20/10/2009	06:57	Tug	Commercial	-	Travel	-	South	Displacement
20/10/2009	07:00	Barge	Commercial	1	Travel	Enter	West	Planing / > 20
20/10/2009	07:15	Cruiser	Recreational	3	Travel	Leave	South	Displacement

20/10/2009	07:17	Half Cabin	Commercial	11	Transport	Leave	North	Planing
20/10/2009	07:21	Tinny	Recreational	2	Travel	Leave	North	Planing
20/10/2009	07:27	Tinny	Recreational	2	Travel	Enter	West	Planing / > 20
20/10/2009	07:33	Half Cabin	Commercial	2	Travel	Leave	South	> 20
20/10/2009	07:36	Tinny	Recreational	2	Travel	Leave	East	Planing
20/10/2009	07:38	Tinny	Recreational	3	Fishing	Leave	East	Planing
20/10/2009	07:39	Tug	Commercial	1	Travel	Enter	South	Displacement
20/10/2009	07:39	Barge	Commercial	2	Transport	Leave	East	Planing
20/10/2009	07:50	Half Cabin	Recreational	2	Travel	Leave	East	Planing
20/10/2009	07:50	Cruiser	Commercial	2	Travel	Leave	South	Displacement
20/10/2009	07:57	Half Cabin	Recreational	1	Travel	Leave	North	> 20
20/10/2009	08:02	Half Cabin	Recreational	2	Travel	Leave	East	Planing
20/10/2009	08:02	Half Cabin	Recreational	-	Travel	-	East	> 20
20/10/2009	08:05	Half Cabin	Commercial	1	Travel	Enter	South	> 20
20/10/2009	08:05	Barge	Commercial	> 3	Transport	Leave	East	Displacement
20/10/2009	08:07	Tinny	Commercial	3	Crabbing / Fishing	Enter	West	Planing
20/10/2009	08:09	Tinny	Recreational	2	Travel	Leave	East	Planing
20/10/2009	08:11	Half Cabin	Recreational	1	Travel	Enter	East	> 20
20/10/2009	08:15	Tinny	Recreational	1	Fishing	Leave	North	Planing
20/10/2009	08:32	Cruiser	Recreational	2	Travel	Leave	South	> 20
20/10/2009	08:47	Tinny	Recreational	1	Travel	Enter	West	> 20
20/10/2009	09:10	Tinny	Recreational	2	Travel	Enter	South	Planing
20/10/2009	09:37	Sail	Recreational	1	Travel	Enter	South	Displacement
20/10/2009	09:40	Half Cabin	Recreational	1	Travel	Enter	West	Planing
20/10/2009	09:41	Half Cabin / Cruiser	Commercial	2	Travel / Fishing	Leave	South	Displacement

20/10/2009	09:43	Barge	Commercial	2	Transport	Leave	North	Displacement
20/10/2009	09:45	Tug	Commercial	1	Travel	Leave	North	Displacement
20/10/2009	09:46	Barge	Commercial	2	Transport	Enter	West	Displacement
20/10/2009	10:13	Half Cabin	Commercial	4	Fishing	Enter	South	Displacement
20/10/2009	10:25	Barge	Commercial	2	Transport	Leave	East	Displacement
20/10/2009	10:28	Cruiser	Commercial	2	Travel	-	North	Displacement
20/10/2009	10:31	Tinny	Commercial	2	Dredge Monitoring	Leave	North	Planing
20/10/2009	10:38	Half Cabin	Recreational	1	Travel	Leave	East	Planing
20/10/2009	10:41	Half Cabin	Recreational	3	Transport	Leave	North	Displacement
20/10/2009	10:44	Trawler	Commercial	4	Fishing	Leave	-	Displacement
20/10/2009	10:50	Cruiser	Recreational	2	Travel	Leave	South	Planing
20/10/2009	10:51	Cruiser	Commercial	> 10	Travel	Leave	East	Planing
20/10/2009	10:54	Cruiser	Commercial	2	Travel	-	North	Displacement
20/10/2009	10:57	Barge	Commercial	> 5	Transport	Enter	West	Displacement
20/10/2009	10:59	Cruiser	Recreational	2	Travel	Enter	North	Planing
20/10/2009	11:17	Pilot Boat	Commercial	2	Transport	Enter	North	Planing
20/10/2009	11:20	Tinny	Recreational	1	Fishing	Leave	East	Displacement
20/10/2009	11:52	Tinny	Recreational	1	Crabbing	Leave	East	Displacement
20/10/2009	11:53	Tinny	Commercial	2	Dredge Monitoring	Enter	South	Planing
20/10/2009	11:54	Tinny	Recreational	1	Crabbing	Enter	West	Displacement
20/10/2009	12:01	Cruiser	Recreational	1	Travel	Leave	South	Planing
20/10/2009	12:02	Half Cabin	Commercial	2	Travel	Enter	South	Planing
20/10/2009	12:04	Barge	Commercial	> 2	Travel / Transport	Enter	South	Displacement
20/10/2009	12:05	Sail	Recreational	3	Travel	Enter	South	Displacement
20/10/2009	12:09	Cruiser	Recreational	2	Travel	Enter	North	Planing

20/10/2009	12:10	Tinny	Recreational	1	Fishing	Enter	South	Planing
20/10/2009	12:11	Tinny	Recreational	1	Fishing	Leave	North	Planing
20/10/2009	12:14	Cruiser	Commercial	3	Travel	Enter	West	Displacement
20/10/2009	12:25	Tinny	Recreational	1	Crabbing / Fishing	Enter	South	Displacement
20/10/2009	12:25	Tinny	Recreational	1	Fishing	Enter	South	Displacement
20/10/2009	12:26	Pilot Boat	Commercial	2	Transport	Leave	South	Displacement
20/10/2009	12:28	Sail	Recreational	2	Travel	Enter	South	Displacement
20/10/2009	12:30	Half Cabin	Recreational	2	Travel	Enter	West	Planing
20/10/2009	12:54	Half Cabin	Recreational	1	Fishing	Enter	South	Planing
20/10/2009	12:58	Cruiser	Commercial	1	Travel	Leave	East	Planing
20/10/2009	13:02	Tinny	Recreational	3	Travel	Enter	West	Planing
20/10/2009	13:03	Half Cabin	Recreational	3	Travel	Enter	South	Displacement
20/10/2009	13:22	Half Cabin	Recreational	1	Travel	Enter	West	Planing
20/10/2009	13:53	Half Cabin	Commercial	1	Travel	Enter	North	Planing
20/10/2009	13:56	Barge	Commercial	1	Transport	Enter	West	Displacement
20/10/2009	14:10	Barge	Commercial	1	Transport	Leave	East	Displacement
20/10/2009	14:14	Tinny	-	2	Travel	Enter	South	Planing
20/10/2009	14:21	Half Cabin	Commercial	1	Travel	Leave	North	Planing
20/10/2009	14:24	Charter Boat	Commercial	> 4	Fishing	Enter	North	Displacement
20/10/2009	14:52	Barge	Commercial	3	Transport	Enter	South	Displacement
20/10/2009	14:52	Half Cabin	Commercial	1	Transport	Enter	South	Displacement
20/10/2009	15:01	Half Cabin	Recreational	1	Travel	Enter	West	Planing
20/10/2009	15:02	Cruiser	Commercial	> 4	Transport	Enter	North	Displacement
20/10/2009	15:16	Half Cabin	Commercial	8	Transport	Enter	South	Planing
20/10/2009	15:40	Tinny	Recreational	2	Fishing	Enter	West	Planing

20/10/2009	15:41	Tinny	Recreational	1	Travel	Leave	East	Planing
20/10/2009	16:13	Pilot Boat	Commercial	2	Travel	Leave	South	Planing
20/10/2009	16:14	Tug	Commercial	2	Transport	-	North	Displacement
20/10/2009	16:19	Tug	Commercial	3	Transport	-	North	Displacement
20/10/2009	16:22	Tinny	Recreational	1	Travel	Leave	East	Planing
20/10/2009	16:59	Cruiser	Commercial	> 6	Transport	Leave	South	Displacement
20/10/2009	17:03	Barge	Commercial	> 10	Transport	Enter	West	Planing
20/10/2009	17:14	Kayak	Recreational	1	Travel	Leave	South	Displacement
20/10/2009	17:14	Kayak	Recreational	1	Travel	Leave	South	Displacement
20/10/2009	17:14	Kayak	Recreational	1	Travel	Leave	South	Displacement
20/10/2009	17:20	Half Cabin	Recreational	2	Travel	Leave	East	Planing
20/10/2009	17:21	Kayak	Recreational	5	Travel	Leave	South	Displacement
20/10/2009	17:27	Sail	Recreational	3	Travel	Leave	North	Displacement
20/10/2009	17:31	Tinny	Recreational	1	Travel	Enter	West	Planing
20/10/2009	17:32	Tug	Commercial	3	Transport	-	South	Displacement
20/10/2009	17:35	Tug	Commercial	3	Transport	-	South	Displacement
20/10/2009	17:38	Trawler	Commercial	> 6	Fishing	Leave	South	Displacement
20/10/2009	17:40	Kayak	Recreational	5	Travel	Leave	South	Displacement
20/10/2009	17:45	Tanker	Commercial	> 2	Transport	-	South	Displacement
20/10/2009	17:46	Kayak	Recreational	5	Travel	Enter	North	Displacement
20/10/2009	17:51	Kayak	Recreational	1	Travel	Enter	North	Displacement
20/10/2009	17:51	Kayak	Recreational	1	Travel	Enter	North	Displacement
20/10/2009	17:51	Kayak	Recreational	1	Travel	Enter	North	Displacement
21/10/2009	06:03	Tinny	Recreational	2	Travel	Enter	West	Planing
21/10/2009	06:14	Half Cabin	Commercial	1	Travel	Enter	West	Planing

21/10/2009	06:16	Tinny	Recreational	1	Travel	Leave	East	Planing
21/10/2009	06:17	Pilot Boat	Commercial	2	Transport	Leave	South	Planing
21/10/2009	06:20	Tinny	Recreational	1	Travel	Enter	West	Planing
21/10/2009	06:21	Tanker	Commercial	-	Transport	-	-	Anchored
21/10/2009	06:21	Tanker	Commercial	-	Transport	-	-	Anchored
21/10/2009	06:21	Tanker	Commercial	-	Transport	-	-	Anchored
21/10/2009	06:26	Half Cabin	Commercial	7	Transport	Leave	East	> 20
21/10/2009	06:36	Half Cabin	Commercial	1	Travel	Enter	West	> 20
21/10/2009	06:43	Tinny	Commercial	2	Travel	Leave	South	Planing
21/10/2009	06:46	Half Cabin	Commercial	7	Transport	Leave	East	> 20
21/10/2009	07:02	Barge	Commercial	2	Travel	Leave	North	Displacement
21/10/2009	07:02	Half Cabin	Commercial	1	Transport	Leave	North	Displacement
21/10/2009	07:11	Half Cabin	Recreational	1	Travel	Enter	North	> 20
21/10/2009	07:19	Half Cabin	Commercial	9	Transport	Leave	North	> 20
21/10/2009	07:29	Tinny	Recreational	3	Fishing	Leave	East	> 20
21/10/2009	07:35	Sail	Recreational	2	Travel	Leave	North	Displacement
21/10/2009	07:39	Cruiser	Commercial	> 4	Travel	Leave	South	Displacement
21/10/2009	07:41	Tinny	Recreational	1	Travel	Leave	East	Planing
21/10/2009	07:46	Half Cabin	Recreational	2	Travel	Leave	East	> 20
21/10/2009	07:47	Sail	Recreational	2	Travel	Enter	South	Displacement
21/10/2009	07:58	Sail	Recreational	2	Travel	-	South	Displacement
21/10/2009	08:01	Pilot Boat	Commercial	2	Travel	Enter	North	> 20
21/10/2009	08:01	Half Cabin	Recreational	1	Travel	Enter	West	> 20
21/10/2009	08:02	Tinny	Recreational	2	Fishing	Leave	East	> 20
21/10/2009	08:07	Tinny	Recreational	1	Transport	Leave	East	Planing



21/10/2009	08:13	Pilot Boat	Commercial	2	Travel	Leave	East	> 20
21/10/2009	08:13	Tinny	Recreational	1	Travel	Enter	West	Planing
21/10/2009	08:13	Half Cabin	Recreational	1	Travel	Leave	East	> 20
21/10/2009	08:20	Barge	Commercial	> 30	Transport	Leave	East	Planing
21/10/2009	08:22	Tinny	Recreational	1	Transport	Leave	East	Planing
21/10/2009	08:25	Barge	Commercial	2	Transport	Leave	East	Planing
21/10/2009	08:31	Half Cabin	Commercial	2	Transport	Enter	West	Planing
21/10/2009	08:32	Half Cabin	Commercial	1	Transport	Enter	South	> 20
21/10/2009	08:37	Tinny	Commercial	2	Travel	Leave	South	> 20
21/10/2009	08:40	Tinny	Commercial	2	Travel	Leave	South	> 20
21/10/2009	08:47	Tinny	Recreational	1	Travel	Enter	West	Planing
21/10/2009	08:49	Trawler	Commercial	4	Fishing	Leave	South	Displacement
21/10/2009	08:49	Half Cabin	Commercial	1	Travel	Leave	East	> 20
21/10/2009	08:53	Jetski	?	1	Travel	Leave	East	> 20
21/10/2009	08:53	Jetski	?	1	Travel	Leave	East	> 20
21/10/2009	08:56	Tendors/Tinny	Commercial	2	Fishing	Leave	South	Displacement
21/10/2009	08:56	Tendors/Tinny	Commercial	-	Fishing	Leave	South	Displacement
21/10/2009	08:56	Tendors/Tinny	Commercial	-	Fishing	Leave	South	Displacement
21/10/2009	08:56	Tendors/Tinny	Commercial	-	Fishing	Leave	South	Displacement
21/10/2009	08:56	Tendors/Tinny	Commercial	-	Fishing	Leave	South	Displacement
21/10/2009	08:56	Tendors/Tinny	Commercial	-	Fishing	Leave	South	Displacement
21/10/2009	09:07	Half Cabin	Recreational	1	Travel	Leave	North	> 20
21/10/2009	09:16	Tinny	Recreational	2	Travel	Enter	West	Planing
21/10/2009	09:17	Tug	Commercial	3	Transport	-	North	Displacement
21/10/2009	09:18	Tug	Commercial	3	Transport	-	North	Displacement

21/10/2009	09:21	Tinny	Commercial	2	Crabbing / Fishing	Leave	East	> 20
21/10/2009	09:24	Tinny	Recreational	4	Travel	Enter	West	> 20
21/10/2009	09:24	Tinny	Recreational	3	Travel	Enter	West	> 20
21/10/2009	09:25	Half Cabin	Recreational	2	Travel	Enter	North	> 20
21/10/2009	09:26	Half Cabin	Commercial	2	Travel	Enter	North	> 20
21/10/2009	09:30	Tug	Commercial	3	Transport	-	North	Displacement
21/10/2009	09:34	Half Cabin	Commercial	2	Travel	Enter	North	> 20
21/10/2009	09:36	Tinny	Recreational	1	Fishing	Leave	East	> 20
21/10/2009	09:36	Tinny	Recreational	1	Travel	Leave	East	> 20
21/10/2009	09:44	Jetski	?	1	Travel	Enter	West	> 20
21/10/2009	09:44	Jetski	?	1	Travel	Enter	West	> 20
21/10/2009	09:46	Sail	Recreational	2	Travel	Enter	South	Displacement
21/10/2009	09:50	Tug	Commercial	2	Transport	Leave	North	Displacement
21/10/2009	09:56	Tug	Commercial	3	Transport	-	South	Planing
21/10/2009	09:57	Tug	Commercial	3	Transport	-	South	Displacement
21/10/2009	09:57	Tug	Commercial	3	Transport	-	South	Planing
21/10/2009	09:58	Tug	Commercial	2	Travel	Enter	South	Planing
21/10/2009	10:01	Tanker	Commercial	> 13	Transport	-	South	Displacement
21/10/2009	10:02	Tug	Commercial	3	Travel	-	North	Displacement
21/10/2009	10:03	Tinny	Recreational	1	Travel	Leave	East	> 20
21/10/2009	10:26	Tinny	Recreational	1	Travel	-	North	> 20
21/10/2009	10:27	Barge	Commercial	> 10	Transport	-	East	Displacement
21/10/2009	10:29	Tug	Commercial	3	Transport	-	South	Displacement
21/10/2009	10:32	Tanker	Commercial	> 7	Transport	-	South	Displacement
21/10/2009	10:43	Barge	Commercial	> 10	Transport	Enter	West	Displacement

21/10/2009	10:46	Pilot Boat	Commercial	4	Transport	Leave	South	> 20
21/10/2009	10:56	Cruiser	Commercial	> 13	Transport	Leave	East	Displacement
21/10/2009	10:59	Tinny	Recreational	2	Travel	Leave	East	> 20
21/10/2009	10:59	Tinny	Recreational	1	Fishing	Leave	South	> 20
21/10/2009	11:03	Tinny	Commercial	2	Dredge Monitoring	Leave	North	> 20
21/10/2009	11:05	Pilot Boat	Commercial	3	Transport	Leave	South	Displacement
21/10/2009	11:09	Cruiser	Commercial	> 14	Transport	Leave	East	Displacement
21/10/2009	11:09	Cruiser	Commercial	> 10	Transport	Leave	East	Displacement
21/10/2009	11:15	Half Cabin	Commercial	3	Transport	-	South	> 20
21/10/2009	11:25	Tinny	Recreational	1	Fishing	Enter	West	> 20
21/10/2009	11:31	Pilot Boat	Commercial	2	Transport	Enter	West	Planing
21/10/2009	11:34	Sail	Recreational	2	Travel	-	South	Displacement
21/10/2009	11:37	Half Cabin	Recreational	1	Travel	Enter	West	> 20
21/10/2009	11:39	Half Cabin	Commercial	2	Travel	Enter	West	> 20
21/10/2009	11:44	Half Cabin	Commercial	3	Transport	Enter	West	> 20
21/10/2009	11:53	Sail	Recreational	2	Travel	-	South	Displacement
21/10/2009	11:54	Trawler	Commercial	3	Fishing	Leave	East	Displacement
21/10/2009	11:59	Trawler	Commercial	4	Fishing	Leave	East	Displacement
21/10/2009	12:02	Tendors/Tinny	Commercial	3	Fishing	Leave	East	Planing
21/10/2009	12:02	Tendors/Tinny	Commercial	-	Fishing	Leave	East	Planing
21/10/2009	12:02	Tendors/Tinny	Commercial	-	Fishing	Leave	East	Planing
21/10/2009	12:02	Tendors/Tinny	Commercial	-	Fishing	Leave	East	Planing
21/10/2009	12:02	Tendors/Tinny	Commercial	-	Fishing	Leave	East	Planing
21/10/2009	12:06	Tendors/Tinny	Commercial	2	Fishing	Leave	East	Planing
21/10/2009	12:06	Tendors/Tinny	Commercial	-	Fishing	Leave	East	Planing

21/10/2009	12:06	Tendors/Tinny	Commercial	-	Fishing	Leave	East	Planing
21/10/2009	12:06	Tendors/Tinny	Commercial	-	Fishing	Leave	East	Planing
21/10/2009	12:06	Tendors/Tinny	Commercial	-	Fishing	Leave	East	Planing
21/10/2009	12:07	Sail	Recreational	2	Travel	-	South	Displacement
21/10/2009	12:10	Tinny	Recreational	1	Fishing	Leave	East	> 20
21/10/2009	12:16	Tinny	Commercial	2	Dredge Monitoring	Enter	West	> 20
21/10/2009	12:52	Tinny	Commercial	2	Fishing	Enter	West	> 20
21/10/2009	12:56	Sail	Recreational	2	Travel	Enter	West	Displacement
21/10/2009	13:03	Pilot Boat	Commercial	2	Transport	Enter	North	Displacement
21/10/2009	13:08	Tinny	Recreational	2	Travel	Leave	East	Displacement
21/10/2009	13:12	Tinny	Recreational	2	Travel	Enter	West	Displacement
21/10/2009	13:16	Tinny	Commercial	2	Transport	Enter	West	> 20
21/10/2009	13:31	Tinny	Commercial	3	Transport	Leave	East	> 20
21/10/2009	14:14	Rubber Dinghy	Commercial	3	Travel	Leave	North	Planing
21/10/2009	14:15	Tendors/Tinny	Commercial	2	Travel	Leave	South	Displacement
21/10/2009	14:15	Tendors/Tinny	Commercial	-	Travel	Leave	South	Displacement
21/10/2009	14:15	Tendors/Tinny	Commercial	-	Travel	Leave	South	Displacement
21/10/2009	14:15	Tendors/Tinny	Commercial	-	Travel	Leave	South	Displacement
21/10/2009	14:15	Rubber Dinghy	Commercial	3	Travel	Enter	South	Planing
21/10/2009	14:19	Trawler	Commercial	3	Fishing	Leave	South	Displacement
21/10/2009	14:20	Half Cabin	Commercial	1	Travel	Leave	North	> 20
21/10/2009	14:36	Barge	Commercial	1	Travel	Enter	South	Displacement
21/10/2009	14:36	Half Cabin	Commercial	2	Travel	Enter	South	Displacement
21/10/2009	14:37	Barge	Commercial	> 10	Transport	Leave	East	Displacement

21/10/2009	15:00	Cruiser	Recreational	3	Travel	Leave	South	Planing
21/10/2009	15:01	Pilot Boat	Commercial	2	Transport	Leave	South	Planing
21/10/2009	15:01	Tinny	Recreational	2	Travel	Enter	West	Planing
21/10/2009	15:05	Cruiser	Recreational	3	Travel	-	North	> 20
21/10/2009	15:06	Half Cabin	Commercial	10	Transport	Enter	South	> 20
21/10/2009	15:11	Cruiser	Recreational	3	Travel	Enter	West	Planing
21/10/2009	15:18	Cruiser	Commercial	> 30	Transport	Enter	North	Displacement
21/10/2009	15:20	Tinny	Recreational	2	Travel	Leave	East	Planing
21/10/2009	15:24	Sail	Recreational	2	Travel	-	South	Displacement
21/10/2009	15:30	Half Cabin	Commercial	1	Travel	Leave	East	> 20
21/10/2009	15:40	Cruiser	Commercial	3	Travel	Enter	North	Displacement
21/10/2009	15:46	Tinny	Commercial	2	Travel	Leave	North	Planing
21/10/2009	15:50	Trawler	Commercial	5	Fishing	Leave	South	Displacement
21/10/2009	15:50	Tendors/Tinny	Commercial	2	Fishing	Leave	South	Displacement
21/10/2009	15:50	Tendors/Tinny	Commercial	-	Fishing	Leave	South	Displacement
21/10/2009	15:50	Tendors/Tinny	Commercial	-	Fishing	Leave	South	Displacement
21/10/2009	15:50	Tendors/Tinny	Commercial	-	Fishing	Leave	South	Displacement
21/10/2009	15:50	Tendors/Tinny	Commercial	-	Fishing	Leave	South	Displacement
21/10/2009	15:51	Half Cabin	Recreational	2	Travel	Leave	South	Planing
21/10/2009	15:54	Cruiser	Recreational	2	Travel	Enter	North	Planing
21/10/2009	15:59	Tinny	Commercial	2	Travel	Enter	South	Planing
21/10/2009	16:04	Half Cabin	Recreational	2	Travel	Enter	South	Planing
21/10/2009	16:08	Tinny	Recreational	2	Fishing	Enter	South	Planing
21/10/2009	16:33	Half Cabin	Commercial	1	Travel	Enter	North	Planing
21/10/2009	16:44	Pilot Boat	Commercial	3	Travel	Enter	North	Planing

21/10/2009	16:46	Half Cabin	Commercial	7	Transport	Enter	West	> 20
21/10/2009	16:50	Tinny	Recreational	1	Travel	Enter	West	Planing
21/10/2009	16:55	Cruiser	Commercial	> 7	Transport	Leave	South	Displacement
21/10/2009	16:56	Half Cabin	Commercial	1	Travel	Leave	East	> 20
21/10/2009	16:57	Tinny	Recreational	2	Travel	Leave	East	> 20
21/10/2009	16:57	Tinny	Commercial	1	Travel	Leave	East	> 20
21/10/2009	16:59	Barge	Commercial	> 8	Transport	Enter	West	Planing
21/10/2009	17:07	Half Cabin	Recreational	3	Travel	Leave	East	> 20
21/10/2009	17:08	Half Cabin	Commercial	5	Transport	Enter	West	> 20
21/10/2009	17:11	Pilot Boat	Commercial	2	Travel	Leave	South	Planing
21/10/2009	17:23	Kayak	Recreational	5	Travel	Leave	South	Displacement
21/10/2009	17:24	Half Cabin	Commercial	1	Travel	Leave	East	Planing
21/10/2009	17:26	Tinny	Commercial	1	Travel	Leave	South	Planing
21/10/2009	17:27	Tinny	Commercial	1	Travel	Leave	South	Planing
21/10/2009	17:30	Half Cabin	Recreational	2	Travel	Leave	East	Planing
21/10/2009	17:32	Tanker	Commercial	> 6	Transport	-	North	Displacement
21/10/2009	17:32	Tug	Commercial	3	Transport	-	North	Displacement
21/10/2009	17:32	Tug	Commercial	3	Transport	-	North	Displacement
21/10/2009	17:43	Trawler	Commercial	4	Fishing	Leave	South	Displacement
21/10/2009	17:45	Half Cabin	Recreational	2	Travel	Enter	West	Planing
21/10/2009	17:46	Tendors/Tinny	Commercial	1	Fishing	Leave	South	Displacement
21/10/2009	17:46	Tendors/Tinny	Commercial	-	Fishing	Leave	South	Displacement
21/10/2009	17:47	Tendors/Tinny	Commercial	1	Fishing	Leave	South	Displacement
21/10/2009	17:47	Tendors/Tinny	Commercial	-	Fishing	Leave	South	Displacement
21/10/2009	17:47	Tendors/Tinny	Commercial	-	Fishing	Leave	South	Displacement

21/10/2009	17:47	Half Cabin	Commercial	1	Travel	Leave	North	Planing
21/10/2009	17:47	Tug	Commercial	2	Travel	Leave	North	Planing
21/10/2009	17:54	Half Cabin	Recreational	1	Travel	Enter	West	Planing
25/10/2009	06:00	Sail	Recreational	-	Travel	-	-	Anchored
25/10/2009	06:04	Tinny	Recreational	3	Fishing	Leave	East	> 20
25/10/2009	06:09	Tinny	Recreational	2	Fishing	-	East	Displacement
25/10/2009	06:13	Tinny	Recreational	1	Fishing	Leave	East	Planing
25/10/2009	06:28	Tinny	Recreational	3	Fishing	Leave	East	Displacement
25/10/2009	06:32	Jetski	Recreational	1	Travel	Leave	South	> 20
25/10/2009	06:32	Half Cabin	Recreational	3	Fishing	Leave	East	> 20
25/10/2009	06:39	Tinny	Recreational	2	Fishing	Leave	East	> 20
25/10/2009	06:40	Jetski	Recreational	1	Travel	Enter	West	> 20
25/10/2009	06:42	Half Cabin	Recreational	2	Travel	Leave	East	Displacement
25/10/2009	06:44	Half Cabin	Recreational	4	Fishing	Leave	North	> 20
25/10/2009	06:45	Tinny	Recreational	4	Fishing	Leave	East	> 20
25/10/2009	06:47	Tinny	Recreational	3	Fishing	-	East	> 20
25/10/2009	06:52	Half Cabin	Recreational	3	Fishing	Leave	East	Planing
25/10/2009	06:55	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	06:57	Jetski	Recreational	1	Travel	Leave	East	> 20
25/10/2009	06:57	Jetski	Recreational	1	Travel	Leave	East	> 20
25/10/2009	06:59	Tinny	Recreational	2	Fishing	Leave	East	> 20
25/10/2009	07:02	Half Cabin	Recreational	2	Fishing	Leave	East	> 20
25/10/2009	07:04	Tinny	Recreational	2	Travel	Leave	East	Planing
25/10/2009	07:06	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	07:11	Tinny	Recreational	2	Fishing	Leave	East	> 20

25/10/2009	07:13	Tinny	Recreational	1	Fishing	Leave	East	Displacement
25/10/2009	07:16	Cruiser	Recreational	2	Travel	Leave	East	Planing
25/10/2009	07:21	Tinny	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	07:24	Half Cabin	Recreational	2	Fishing	Leave	South	Planing
25/10/2009	07:24	Tinny	Recreational	2	Fishing	-	South	Planing
25/10/2009	07:25	Pilot Boat	Commercial	2	Travel	Enter	West	Displacement
25/10/2009	07:30	Tinny	Recreational	4	Fishing	Leave	East	Planing
25/10/2009	07:34	Tinny	Recreational	2	Travel	Enter	West	Planing
25/10/2009	07:35	Pilot Boat	Commercial	3	Transport	Leave	South	Planing
25/10/2009	07:35	Half Cabin	Recreational	2	Fishing	Leave	East	> 20
25/10/2009	07:40	Half Cabin	Recreational	3	Travel	Leave	North	Displacement
25/10/2009	07:42	Sail	Recreational	2	Travel	Leave	North	Displacement
25/10/2009	07:49	Pilot Boat	Commercial	2	Transport	Enter	West	Displacement
25/10/2009	07:50	Half Cabin	Recreational	2	Fishing	Leave	South	Planing
25/10/2009	07:52	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	07:53	Half Cabin	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	07:55	Half Cabin	Recreational	2	Fishing	Leave	North	Planing
25/10/2009	07:55	Tinny	Recreational	1	Fishing	Leave	East	Planing
25/10/2009	08:00	Tinny	Recreational	3	Fishing	Leave	South	> 20
25/10/2009	08:00	Half Cabin	Recreational	2	Travel	Leave	East	Planing
25/10/2009	08:01	Tinny	Recreational	1	Travel	Leave	South	Planing
25/10/2009	08:05	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	08:15	Barge	Commercial	> 10	Transport	Leave	East	Displacement
25/10/2009	08:17	Half Cabin	Recreational	1	Travel	Enter	West	> 20
25/10/2009	08:21	Tinny	Recreational	2	Travel	Leave	North	Displacement



25/10/2009	08:28	Tinny	Recreational	1	Fishing	Leave	North	Planing
25/10/2009	08:29	Half Cabin	Recreational	3	Fishing	Leave	North	Planing
25/10/2009	08:31	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	08:32	Tinny	Recreational	3	Travel	Enter	West	Displacement
25/10/2009	08:32	Tinny	Recreational	2	Travel	Enter	West	Displacement
25/10/2009	08:34	Trawler	Commercial	> 4	Travel	Enter	West	Displacement
25/10/2009	08:35	Tinny	Recreational	2	Travel	Enter	West	Planing
25/10/2009	08:37	Half Cabin	Recreational	2	Travel	Enter	West	Displacement
25/10/2009	08:37	Tinny	Recreational	2	Fishing	Enter	West	Displacement
25/10/2009	08:40	Kayak	Recreational	1	Travel	Leave	North	Displacement
25/10/2009	08:40	Cruiser	Recreational	2	Travel	Leave	East	> 20
25/10/2009	08:41	Tinny	Recreational	1	Fishing	Leave	North	Planing
25/10/2009	08:41	Tinny	Recreational	2	Fishing	Leave	East	Displacement
25/10/2009	08:42	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	08:45	Jetski	Recreational	1	Travel	-	South	> 20
25/10/2009	08:45	Jetski	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	08:50	Jetski	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	08:50	Half Cabin	Recreational	4	Fishing	Enter	West	> 20
25/10/2009	08:50	Tinny	-	2	Fishing	Enter	West	Planing
25/10/2009	08:50	Half Cabin	-	3	Travel	Leave	East	Planing
25/10/2009	08:52	Half Cabin	Recreational	2	Fishing	Leave	North	Planing
25/10/2009	08:53	Half Cabin	Recreational	2	Fishing	Leave	South	Displacement
25/10/2009	08:53	Tinny	Recreational	1	Fishing	Leave	East	Displacement
25/10/2009	08:52	Half Cabin	Recreational	2	Travel	Leave	East	> 20
25/10/2009	09:00	Half Cabin	Recreational	3	Fishing	Enter	West	Planing

25/10/2009	09:02	Half Cabin	Recreational	3	Fishing	Leave	East	Planing
25/10/2009	09:04	Sail	Recreational	2	Travel	Leave	East	Displacement
25/10/2009	09:05	Sail	Recreational	2	Travel	Leave	South	Displacement
25/10/2009	09:05	Half Cabin	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	09:10	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	09:11	Pilot Boat	Commercial	3	Transport	Enter	West	Planing
25/10/2009	09:11	Cruiser	Recreational	4	Travel	Leave	South	Planing
25/10/2009	09:20	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	09:25	Tinny	Recreational	4	Travel	Leave	North	Planing
25/10/2009	09:25	Tinny	Recreational	2	Fishing	Leave	East	> 20
25/10/2009	09:30	Cruiser	Recreational	2	Travel	Leave	East	Planing
25/10/2009	09:36	Tinny	Recreational	1	Travel	-	North	> 20
25/10/2009	09:40	Row Boat	Recreational	4	Travel	Leave	South	Displacement
25/10/2009	09:42	Half Cabin	Recreational	3	Travel	Enter	West	> 20
25/10/2009	09:42	Half Cabin	Recreational	3	Fishing	Leave	East	Planing
25/10/2009	09:43	Tinny	Recreational	2	Travel	Leave	North	Planing
25/10/2009	09:44	Tinny	Recreational	2	Fishing	Leave	South	Displacement
25/10/2009	09:44	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	09:46	Tanker	Commercial	-	Transport	-	North	Displacement
25/10/2009	09:46	Tug	Commercial	3	Transport	-	North	Displacement
25/10/2009	09:47	Tinny	Recreational	3	Fishing	Leave		Displacement
25/10/2009	09:50	Half Cabin	Recreational	4	Travel	Leave	East	Planing
25/10/2009	09:50	Tinny	Recreational	2	Travel	Enter	West	Displacement
25/10/2009	09:50	Half Cabin	Recreational	3	Fishing	Leave	South	Planing
25/10/2009	09:50	Tug	Commercial	3	Transport	-	North	Displacement

25/10/2009	09:55	Half Cabin	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	10:00	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	10:02	Cruiser	Recreational	3	Travel	Leave	South	Planing
25/10/2009	10:02	Tinny	Recreational	1	Fishing	Enter	West	Planing
25/10/2009	10:04	Half Cabin	Recreational	3	Travel	Leave	East	Displacement
25/10/2009	10:04	Pilot Boat	Commercial	2	Transport	Leave	North	Planing
25/10/2009	10:06	Tinny	Recreational	3	Fishing	Leave	East	> 20
25/10/2009	10:06	Half Cabin	Recreational	4	Travel	Leave	East	Displacement
25/10/2009	10:07	Tinny	Recreational	1	Fishing	Leave	East	> 20
25/10/2009	10:07	Tinny	Recreational	4	Fishing	Leave	East	> 20
25/10/2009	10:08	Cruiser	Recreational	2	Travel	Leave	East	Displacement
25/10/2009	10:10	Barge	Commercial	> 11	Transport	Enter	West	Displacement
25/10/2009	10:12	Row Boat	Recreational	4	Travel	Enter	West	Displacement
25/10/2009	10:15	Pilot Boat	Commercial	2	Transport	Leave	North	Planing
25/10/2009	10:17	Pilot Boat	Commercial	2	Transport	Leave	South	Planing
25/10/2009	10:18	Tinny	Recreational	5	Fishing	Enter	West	> 20
25/10/2009	10:18	Half Cabin	Commercial	3	Fishing	Enter	West	> 20
25/10/2009	10:18	Tinny	Recreational	1	Travel	Enter	West	> 20
25/10/2009	10:18	Tinny	Recreational	1	Travel	Enter	West	> 20
25/10/2009	10:18	Tinny	Recreational	1	Travel	Enter	West	> 20
25/10/2009	10:22	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	10:23	Tinny	Recreational	3	Fishing	Leave	East	> 20
25/10/2009	10:23	Tinny	Recreational	1	Fishing	Leave	East	> 20
25/10/2009	10:25	Tinny	Recreational	3	Fishing	Leave	East	> 20
25/10/2009	10:26	Tinny	Commercial	1	Transport	Leave	East	> 20

25/10/2009	10:27	Cruiser	Recreational	5	Travel	Leave	East	> 20
25/10/2009	10:28	Tinny	Recreational	2	Fishing	Leave	North	Displacement
25/10/2009	10:28	Tinny	Recreational	4	Fishing	Leave	East	> 20
25/10/2009	10:30	Tinny	Recreational	3	Travel	Leave	North	Displacement
25/10/2009	10:31	Tinny	Commercial	2	Travel	Leave	East	Displacement
25/10/2009	10:34	Half Cabin	Recreational	3	Travel	Leave	East	Displacement
25/10/2009	10:34	Jetski	Recreational	2	Travel	Leave	East	> 20
25/10/2009	10:36	Tinny	Recreational	2	Fishing	Leave	East	> 20
25/10/2009	10:37	Tinny	Recreational	1	Fishing	Enter	West	Planing
25/10/2009	10:37	Tinny	Recreational	2	Fishing	Enter	West	Planing
25/10/2009	10:37	Catamaran/Sail	Recreational	> 14	Travel	Leave	All	Displacement
25/10/2009	10:37	Mini-Barge	Commercial	6	Transport	Leave	North	Planing
25/10/2009	10:39	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	10:40	Sail	Recreational	1	Travel	Leave	All	Displacement
25/10/2009	10:42	Sail	Recreational	1	Travel	Leave	All	Displacement
25/10/2009	10:43	Sail	Recreational	1	Travel	Leave	All	Displacement
25/10/2009	10:45	Sail	Recreational	2	Travel	Leave	All	Displacement
25/10/2009	10:45	Tinny	Recreational	3	Fishing	Leave	East	Planing
25/10/2009	10:50	Sail	Recreational	1	Travel	Leave	All	Displacement
25/10/2009	10:50	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	10:55	Sail	Recreational	1	Travel	-	All	Displacement
25/10/2009	10:55	Half Cabin	Recreational	2	Fishing	Enter	West	Planing
25/10/2009	10:55	Sail	Recreational	1	Travel	Leave	All	Displacement
25/10/2009	10:55	Sail	Recreational	1	Travel	-	All	Displacement
25/10/2009	10:55	Sail	Recreational	1	Travel	-	All	Displacement

25/10/2009	10:55	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	10:57	Sail	Recreational	1	Travel	Leave	All	Displacement
25/10/2009	10:57	Tinny	Recreational	2	Fishing	Leave	North	> 20
25/10/2009	10:58	Sail	Recreational	1	Travel	Leave	All	Displacement
25/10/2009	11:00	Cruiser	Commercial	> 15	Transport	Leave	East	Displacement
25/10/2009	11:00	Half Cabin	Recreational	3	Travel	Leave	All	Displacement
25/10/2009	11:00	Jetski	Recreational	1	Travel	Leave	East	> 20
25/10/2009	11:01	Pilot Boat	Commercial	1	Transport	Enter	West	Displacement
25/10/2009	11:05	Sail	Recreational	2	Travel	Leave	South	Displacement
25/10/2009	11:06	Trawler	Commercial	3	Fishing	Leave	North	Displacement
25/10/2009	11:06	Jetski	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	11:07	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	11:07	Tinny	Recreational	1	Fishing	Enter	West	Displacement
25/10/2009	11:10	Pilot Boat	Commercial	2	Transport	Enter	West	Displacement
25/10/2009	11:12	Tinny	Recreational	2	Fishing	Leave	East	Displacement
25/10/2009	11:14	Half Cabin	Recreational	5	Travel	Enter	West	Planing
25/10/2009	11:15	Kayak	Recreational	1	Travel	-	-	Displacement
25/10/2009	11:15	Kayak	Recreational	1	Travel	-	-	Displacement
25/10/2009	11:15	Kayak	Recreational	1	Travel	-	-	Displacement
25/10/2009	11:15	Kayak	Recreational	1	Travel	-	-	Displacement
25/10/2009	11:16	Tug	Commercial	3	Transport	-	South	Displacement
25/10/2009	11:17	Tug	Commercial	3	Transport	-	South	Displacement
25/10/2009	11:20	Tinny	Recreational	2	Fishing	Enter	West	Planing
25/10/2009	11:21	Tinny	Recreational	1	Fishing	Enter	West	Displacement
25/10/2009	11:22	Half Cabin	Recreational	2	Travel	Leave	East	Planing

25/10/2009	11:22	Jetski	Recreational	2	Travel	Leave	East	> 20
25/10/2009	11:24	Tinny	Recreational	3	Fishing	Leave	East	Planing
25/10/2009	11:24	Cruiser	Recreational	> 5	Fishing	Enter	West	> 20
25/10/2009	11:25	Tinny	Recreational	2	Travel	Leave	East	Displacement
25/10/2009	11:27	Tinny	Recreational	1	Fishing	Leave	East	Displacement
25/10/2009	11:30	Tinny	Recreational	2	Fishing	Enter	West	Displacement
25/10/2009	11:30	Double Paddle Ski	Recreational	2	Travel	Leave	South	-
25/10/2009	11:32	Half Cabin	Recreational	2	Fishing	Enter	West	Planing
25/10/2009	11:34	Double Paddle Ski	Recreational	2	Travel	Enter	West	-
25/10/2009	11:50	Tinny	Recreational	2	Fishing	Enter	West	Planing
25/10/2009	11:50	Tinny	Recreational	1	Fishing	Enter	West	> 20
25/10/2009	11:51	Sail	Recreational	4	Travel	Leave	East	Displacement
25/10/2009	11:52	Sail	Recreational	3	Transport	Enter	West	Displacement
25/10/2009	11:55	Pilot Boat	Commercial	2	Travel	Enter	West	> 20
25/10/2009	11:55	Tinny	Recreational	4	Travel	Leave	East	Planing
25/10/2009	12:00	Tinny	Recreational	2	Travel	Enter	West	Planing
25/10/2009	12:00	Cruiser	Recreational	3	Travel	Enter	West	> 20
25/10/2009	12:02	Tinny	Recreational	2	Travel	Enter	West	Planing
25/10/2009	12:02	Tinny	Recreational	2	Fishing	Enter	West	Planing
25/10/2009	12:04	Tinny	Recreational	2	Travel	Enter	West	Planing
25/10/2009	12:06	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	12:10	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	12:11	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	12:11	Jetski	Recreational	2	Travel	Enter	West	> 20
25/10/2009	12:15	Sail	Recreational	> 10	Travel	-	North	Displacement

25/10/2009	12:20	Tug	Commercial	3	Transport	-	North	Displacement
25/10/2009	12:22	Half Cabin	Recreational	3	Travel	Enter	West	> 20
25/10/2009	12:25	Sail	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	12:25	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	12:30	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	12:30	Tug	Commercial	3	Transport	-	North	Displacement
25/10/2009	12:34	Half Cabin	Recreational	4	Travel	Enter	West	> 20
25/10/2009	12:36	Tinny	Recreational	3	Fishing	Enter	West	> 20
25/10/2009	12:39	Tinny	Recreational	3	Travel	Enter	West	Planing
25/10/2009	12:45	Tinny	Recreational	2	Travel	Enter	West	> 20
25/10/2009	12:50	Half Cabin	Recreational	3	Fishing	Enter	West	> 20
25/10/2009	12:50	Tinny	Recreational	4	Fishing	Enter	West	Planing
25/10/2009	12:55	Half Cabin	Recreational	1	Travel	Enter	West	Planing
25/10/2009	12:56	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:00	Half Cabin	Recreational	3	Fishing	Leave	East	Planing
25/10/2009	13:00	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:00	Tinny	Recreational	4	Fishing	Enter	West	> 20
25/10/2009	13:00	Tinny	Recreational	1	Fishing	Enter	West	> 20
25/10/2009	13:00	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:00	Half Cabin	Recreational	3	Fishing	Enter	West	> 20
25/10/2009	13:05	Tug	Commercial	3	Transport	-	South	Displacement
25/10/2009	13:05	Tug	Commercial	4	Transport	-	South	Displacement
25/10/2009	13:05	Tanker	Commercial	-	Transport	-	South	Displacement
25/10/2009	13:08	Sail	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	13:08	Sail	Recreational	1	Travel	Enter	West	Displacement

25/10/2009	13:09	Tanker	Commercial	> 8	Transport	-	North	Displacement
25/10/2009	13:09	Sail	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	13:09	Half Cabin	Recreational	3	Fishing	Enter	West	> 20
25/10/2009	13:10	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:12	Sail	Recreational	2	Travel	Leave	East	Displacement
25/10/2009	13:13	Sail	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	13:13	Sail	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	13:14	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:14	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:15	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:17	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:17	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:17	Tinny	Recreational	4	Fishing	Enter	West	> 20
25/10/2009	13:17	Sail	Recreational	2	Travel	Enter	West	Displacement
25/10/2009	13:18	Pilot Boat	Commercial	1	Transport	Leave	East	Displacement
25/10/2009	13:19	Sail	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	13:19	Sail	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	13:21	Catamaran/Sail	Recreational	> 14	Travel	-	North	Displacement
25/10/2009	13:23	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:23	Tinny	Recreational	3	Fishing	Enter	West	> 20
25/10/2009	13:23	Sail	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	13:25	Tinny	Recreational	2	Fishing	Enter	West	> 20



25/10/2009	13:25	Tinny	Recreational	4	Fishing	Leave	East	> 20
25/10/2009	13:27	Tinny	Recreational	3	Fishing	Leave	East	> 20
25/10/2009	13:27	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:27	Tinny	Commercial	3	Transport	Enter	West	> 20
25/10/2009	13:29	Sail	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	13:29	Sail	Recreational	3	Travel	Enter	West	Displacement
25/10/2009	13:29	Half Cabin	Recreational	1	Travel	Enter	West	Planing
25/10/2009	13:30	Catamaran/Sail	Recreational	> 14	Travel	Enter	West	Displacement
25/10/2009	13:30	Tinny	Recreational	1	Fishing	Enter	West	> 20
25/10/2009	13:31	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:31	Cruiser	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:32	Half Cabin	Recreational	3	Travel	Enter	West	Displacement
25/10/2009	13:32	Tinny	Commercial	1	Travel	Enter	West	Displacement
25/10/2009	13:32	Tinny	Recreational	1	Travel	Enter	West	Planing
25/10/2009	13:33	Sail	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	13:33	Pilot Boat	Commercial	2	Transport	Leave	North	Planing
25/10/2009	13:33	Sail	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	13:33	Tinny	Commercial	2	Travel	Enter	West	Displacement
25/10/2009	13:36	Half Cabin	Recreational	3	Fishing	Enter	West	> 20
25/10/2009	13:36	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:38	Tinny	Recreational	2	Travel	Enter	West	> 20
25/10/2009	13:40	Sail	Recreational	2	Travel/Fishing	Enter	West	Displacement
25/10/2009	13:44	Tinny	Recreational	3	Fishing	Enter	West	> 20
25/10/2009	13:46	Half Cabin	Recreational	2	Fishing	Enter	West	> 20

25/10/2009	13:49	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:49	Jetski	Recreational	2	Travel	Enter	West	> 20
25/10/2009	13:50	Tinny	Recreational	2	Travel	Leave	East	> 20
25/10/2009	13:50	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:52	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:52	Tinny	Recreational	3	Fishing	Enter	West	> 20
25/10/2009	13:53	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	13:57	Tinny	Recreational	3	Fishing	Enter	West	> 20
25/10/2009	13:57	Tinny	Recreational	3	Fishing	Enter	West	Planing
25/10/2009	14:02	Pilot Boat	Commercial	2	Transport	Enter	West	Planing
25/10/2009	14:02	Pilot Boat	Commercial	1	Transport	Enter	West	Planing
25/10/2009	14:05	Tug	Commercial	> 2	Transport	-	South	Displacement
25/10/2009	14:10	Sail	Recreational	2	Travel	Enter	West	Displacement
25/10/2009	14:11	Cruiser	Recreational	4	Fishing	Enter	West	Planing
25/10/2009	14:14	Tanker	Commercial	> 3	Transport	-	North	Displacement
25/10/2009	14:15	Cruiser	Recreational	> 8	Travel	Enter	West	Planing
25/10/2009	14:16	Half Cabin	Recreational	3	Travel	Enter	West	Planing
25/10/2009	14:16	Tug	Commercial	> 3	Transport	-	South	Displacement
25/10/2009	14:18	Tinny	Recreational	2	Fishing	Enter	West	Planing
25/10/2009	14:19	Half Cabin	Recreational	2	Travel	Enter	West	> 20
25/10/2009	14:20	Tinny	Recreational	3	Fishing	Enter	West	Planing
25/10/2009	14:20	Half Cabin	Recreational	3	Travel	Enter	West	> 20
25/10/2009	14:22	Half Cabin	Recreational	1	Travel	Enter	West	Planing
25/10/2009	14:22	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	14:22	Kayak	Recreational	1	Travel	Enter	West	Displacement

25/10/2009	14:25	Cruiser	Recreational	> 8	Travel	Enter	West	Displacement
25/10/2009	14:27	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	14:27	Tinny	Recreational	3	Fishing	Enter	West	Planing
25/10/2009	14:25	Half Cabin	Recreational	4	Travel	Enter	West	Planing
25/10/2009	14:30	Tinny	Commercial	2	Dredge Monitoring	Leave	North	Planing
25/10/2009	14:30	Barge	Commercial	2	Transport	Enter	West	Displacement
25/10/2009	14:30	Tinny	Recreational	1	Fishing	Leave	East	Planing
25/10/2009	14:32	Half Cabin	Recreational	2	Travel	Enter	West	Planing
25/10/2009	14:34	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	14:34	Half Cabin	Recreational	1	Travel	Enter	West	Displacement
25/10/2009	14:40	Sail	Recreational	3 each	Travel	Enter	West	Displacement
25/10/2009	14:40	Pilot Boat	Commercial	2	Transport	Leave	North	Displacement
25/10/2009	14:44	Barge	Commercial	> 8	Transport	Leave	East	Displacement
25/10/2009	14:45	Pilot Boat	Commercial	2	Transport	Leave	North	Displacement
25/10/2009	14:48	Half Cabin	Recreational	1	Travel	Enter	West	> 20
25/10/2009	14:49	Tinny	Recreational	2	Fishing	Leave	East	Planing
25/10/2009	14:50	Half Cabin	Recreational	3	Travel	Enter	West	Planing
25/10/2009	14:50	Cruiser	Recreational	4	Travel	Enter	West	Displacement
25/10/2009	14:50	Tanker	Commercial	> 4	Transport	-	North	Displacement
25/10/2009	14:50	Tug	Commercial	> 3	Transport	-	North	Displacement
25/10/2009	14:50	Tug	Commercial	> 3	Transport	-	North	Displacement
25/10/2009	15:00	Cruiser	Commercial	> 20	Transport	Enter	West	Displacement
25/10/2009	15:00	Tinny	Recreational	1	Fishing	Enter	West	> 20
25/10/2009	15:00	Half Cabin	Recreational	3	Travel	Enter	West	Planing
25/10/2009	15:02	Half Cabin	Recreational	2	Fishing	Enter	West	Planing

25/10/2009	15:02	Tinny	Recreational	2	Fishing	Enter	West	Planing
25/10/2009	15:02	Half Cabin	Recreational	3	Fishing	Enter	West	Planing
25/10/2009	15:04	Half Cabin	Recreational	3	Fishing	Enter	West	Planing
25/10/2009	15:04	Tinny	Recreational	2	Fishing	Enter	West	Planing
25/10/2009	15:07	Half Cabin	Recreational	3	Fishing	Enter	West	Planing
25/10/2009	15:10	Half Cabin	Recreational	1	Travel	Enter	West	Planing
25/10/2009	15:20	Half Cabin	Recreational	2	Fishing	Enter	West	Planing
25/10/2009	15:20	Tinny	Recreational	1	Fishing	Leave	East	Planing
25/10/2009	15:25	Tinny	Recreational	2	Fishing	Enter		Planing
25/10/2009	15:25	Tinny	Recreational	2	Fishing	Enter	West	Displacement
25/10/2009	15:30	Half Cabin	Recreational	4	Fishing	Enter	West	Planing
25/10/2009	15:35	Cruiser	Recreational	2	Fishing	Enter	West	Displacement
25/10/2009	15:39	Half Cabin	Commercial	2	Travel	Enter	West	> 20
25/10/2009	15:42	Tinny	Recreational	1	Fishing	Enter	West	Displacement
25/10/2009	15:44	Half Cabin	Recreational	4	Fishing	Enter	West	Planing
25/10/2009	15:49	Cruiser	Recreational	2	Travel	Enter	West	Displacement
25/10/2009	15:49	Tinny	Commercial	2	Dredge Monitoring	Enter	South	Planing
25/10/2009	15:58	Cruiser	Recreational	2	Travel	Enter	West	Displacement
25/10/2009	16:02	Cruiser	Recreational	2	Travel	Leave	North	Displacement
25/10/2009	16:10	Cruiser	Recreational	3	Travel	Enter	West	Displacement
25/10/2009	16:10	Tinny	Recreational	1	Fishing	Enter	West	Planing
25/10/2009	16:14	Tinny	Recreational	2	Fishing	Leave	East	> 20
25/10/2009	16:25	Tinny	Recreational	2	Fishing	Enter	West	Planing
25/10/2009	16:28	Half Cabin	Recreational	3	Travel	Enter	West	Planing
25/10/2009	16:33	Tinny	Recreational	2	Fishing	Enter	West	> 20

25/10/2009	16:35	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	16:36	Barge	Commercial	> 24	Transport	Enter	West	Displacement
25/10/2009	16:38	Tinny	Recreational	1	Travel	Enter	West	> 20
25/10/2009	16:38	Half Cabin	Recreational	3	Travel	Enter	West	> 20
25/10/2009	16:40	Sail	Recreational	2	Travel	Enter	West	Displacement
25/10/2009	16:47	Tinny	Recreational	5	Fishing	Enter	West	> 20
25/10/2009	16:53	Tug	Commercial	3	Transport	-	East	Displacement
25/10/2009	16:55	Pilot Boat	Commercial	2	Transport	Enter	West	Displacement
25/10/2009	16:55	Half Cabin	Recreational	2	Travel	Leave	South	> 20
25/10/2009	16:56	Tug	Commercial	3	Transport	-		Displacement
25/10/2009	16:57	Pilot Boat	Commercial	2	Transport	Enter	West	Displacement
25/10/2009	17:15	Half Cabin	Recreational	3	Travel	Enter	West	Planing
25/10/2009	17:35	Tinny	Recreational	2	Fishing	Enter	West	Planing
25/10/2009	17:37	Tinny	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	17:38	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
25/10/2009	17:40	Sail	Recreational	2	Travel	Enter	West	Displacement
25/10/2009	17:42	Tinny	Recreational	2	Fishing	Enter	West	Planing
25/10/2009	17:43	Tanker	Commercial	3	Transport	-	South	Displacement
25/10/2009	17:55	Half Cabin	Recreational	-	Travel	-	North	> 20
25/10/2009	18:00	Half Cabin	Commercial	3	Travel	Enter	West	Displacement
26/10/2009	06:00	Tanker	Commercial	> 10	Transport	-	-	Anchored
26/10/2009	06:00	Tanker	Commercial	> 10	Transport	-	-	Anchored
26/10/2009	06:00	Tanker	Commercial	> 10	Transport	-	-	Anchored
26/10/2009	06:04	Pilot Boat	Commercial	2	Transport	Leave	South	Planing
26/10/2009	06:10	Half Cabin	Commercial	1	Travel	Enter	West	> 20
26/10/2009	06:19	Tinny	Recreational	1	travel	Enter	West	> 20

26/10/2009	06:28	Half Cabin	Commercial	8	Transport	Leave	East	> 20
26/10/2009	06:32	Half Cabin	Recreational	2	Fishing	Leave	East	> 20
26/10/2009	06:38	Trawler	Commercial	5	Fishing	Enter	North	Planing
26/10/2009	06:40	Half Cabin	Commercial	1	Travel	Enter	West	> 20
26/10/2009	06:44	Cruiser	Commercial	3	Research	Leave	North	> 20
26/10/2009	06:53	Tinny	Recreational	2	Travel	Leave	North	> 20
26/10/2009	06:54	Half Cabin	Commercial	6	Transport	Leave	East	> 20
26/10/2009	07:00	Tinny	Recreational	2	Fishing	Leave	East	Planing
26/10/2009	07:02	Tinny	Recreational	1	Travel	Leave	East	Planing
26/10/2009	07:08	Cruiser	Recreational	1	travel	Enter	West	> 20
26/10/2009	07:30	Half Cabin	Commercial	1	travel	Enter	West	> 20
26/10/2009	07:36	Cruiser	Recreational	3	travel	Enter	South	Planing
26/10/2009	07:42	Half Cabin	Recreational	1	travel	Leave	East	Planing
26/10/2009	07:48	Half Cabin	Commercial	3	Transport	Leave	East	> 20
26/10/2009	07:51	Tinny	Recreational	1	Fishing	-	-	Anchored
26/10/2009	08:08	Tug	Commercial	3	Transport	-	North	Displacement
26/10/2009	08:10	Cruiser	Recreational	2	travel	Enter	West	Displacement
26/10/2009	08:14	Pilot Boat	Commercial	3	Transport	Enter	West	Displacement
26/10/2009	08:17	Sail	Recreational	2	travel	Leave	South	Displacement
26/10/2009	08:18	Sail	Recreational	2	travel	Enter	West	Displacement
26/10/2009	08:19	Tinny	Recreational	3	travel	Enter	West	> 20
26/10/2009	08:24	Tinny	Recreational	1	travel	Leave	East	> 20
26/10/2009	08:26	Tinny	Recreational	4	Fishing	Enter	West	> 20
26/10/2009	08:36	Cruiser	Commercial	3	Research	Leave	North	Planing
26/10/2009	08:40	Cruiser	Commercial	3	Research	-	South	Planing

26/10/2009	08:45	Trawler	Commercial	8	Fishing	Enter	North	Planing
26/10/2009	09:09	Tug	Commercial	3	Transport	-	North	Displacement
26/10/2009	09:11	Half Cabin	Recreational	2	Fishing	-	North	> 20
26/10/2009	09:15	Tug	Commercial	3	Transport	-	North	Displacement
26/10/2009	09:17	Cruiser	Recreational	2	Fishing	Enter	South	Planing
26/10/2009	09:33	Tug	Commercial	3	Transport	-	North	Displacement
26/10/2009	09:35	Tug	Commercial	3	Transport	-	North	Displacement
26/10/2009	09:35	Tinny	Recreational	2	Travel	Leave	North	Planing
26/10/2009	09:41	Cruiser	Recreational	2	Travel/Fishing	Leave	North	Planing
26/10/2009	09:43	Tinny	Recreational	2	Fishing	Enter	South	Planing
26/10/2009	09:47	Half Cabin	Recreational	4	Fishing	Leave	North	> 20
26/10/2009	10:02	Trawler	Commercial	5	Fishing	Leave	South	Planing
26/10/2009	10:07	Half Cabin	Commercial	3	Transport	Enter	West	> 20
26/10/2009	10:10	Tug	Commercial	3	Transport	-	South	Planing
26/10/2009	10:12	Tinny	Recreational	1	Fishing	Enter	South	Planing
26/10/2009	10:12	Tug	Commercial	3	Transport	-	South	Displacement
26/10/2009	10:14	Sail	Recreational	2	Travel	Leave	East	Displacement
26/10/2009	10:17	Tug	Commercial	3	Transport	-	South	Displacement
26/10/2009	10:17	Tanker	Commercial	> 6	Transport	-	South	Displacement
26/10/2009	10:18	Sail	Recreational	2	Travel	Enter	West	Displacement
26/10/2009	10:26	Tinny	Commercial	2	Crabbing	Enter	West	Planing
26/10/2009	10:39	Tinny	Recreational	1	Travel	Enter	West	Planing
26/10/2009	10:53	Cruiser	Commercial	> 8	Transport	Leave	East	Planing
26/10/2009	11:01	Half Cabin	Recreational	2	Travel	Enter	South	> 20
26/10/2009	11:02	Tug	Commercial	3	Transport	-	South	Displacement

26/10/2009	11:06	Tinny	Recreational	2	Fishing	Enter	South	Planing
26/10/2009	11:14	Cruiser	Recreational	3	Travel	Enter	North	Planing
26/10/2009	11:39	Half Cabin	Recreational	2	Fishing	Leave	East	> 20
26/10/2009	11:40	Tinny	Commercial	1	Crabbing/Fishing	Leave	East	Planing
26/10/2009	11:58	Tug	Commercial	3	Transport	-	North	Displacement
26/10/2009	12:00	Half Cabin	Commercial	3	Travel	Leave	South	> 20
26/10/2009	12:02	Tinny	Recreational	2	Fishing	Enter	West	Planing
26/10/2009	12:11	Sail	Recreational	3	Travel	-	North	Displacement
26/10/2009	12:23	Tug	Commercial	2	Transport	-	North	Displacement
26/10/2009	12:28	Sail	Recreational	3	Travel	-	South	Displacement
26/10/2009	12:28	Tug	Commercial	3	Transport	-	North	Displacement
26/10/2009	12:31	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
26/10/2009	12:34	Cruiser	Recreational	4	Fishing	Leave	South	Planing
26/10/2009	12:37	Tug	Commercial	3	Transport	Enter	South	Displacement
26/10/2009	12:40	Barge	Commercial	> 12	Transport	Leave	East	Displacement
26/10/2009	12:45	Half Cabin	Recreational	2	Fishing	Leave	East	> 20
26/10/2009	12:49	Tinny	Recreational	1	Fishing	Enter	North	> 20
26/10/2009	13:00	Half Cabin	Commercial	1	Fishing	Enter	West	> 20
26/10/2009	13:02	Half Cabin	Recreational	1	Fishing	Leave	South	> 20
26/10/2009	13:06	Tug	Commercial	3	Transport	-	South	Planing
26/10/2009	13:07	Tug	Commercial	3	Transport	-	South	Planing
26/10/2009	13:10	Tinny	?	1	Fishing	Leave	North	> 20
26/10/2009	13:15	Tug	Commercial	3	Transport	-	South	Planing
26/10/2009	13:17	Half Cabin	Recreational	2	Travel	Enter	West	> 20
26/10/2009	13:19	Tanker	Commercial	> 5	Transport	-	South	Displacement



26/10/2009	13:20	Tug	Commercial	3	Transport	Leave	North	Planing
26/10/2009	13:21	Tinny	Recreational	1	Travel	Enter	South	Planing
26/10/2009	13:41	Pilot Boat	Commercial	2	Transport	Leave	South	> 20
26/10/2009	13:42	Tanker	Commercial	> 8	Transport	-	South	Displacement
26/10/2009	13:45	Half Cabin	Recreational	2	Travel	Leave	East	> 20
26/10/2009	13:48	Tinny	Recreational	3	Crabbing/Fishing	Enter	West	> 20
26/10/2009	14:02	Tinny	Recreational	1	Travel	Leave	East	> 20
26/10/2009	14:02	Half Cabin	Recreational	1	Travel	Enter	West	> 20
26/10/2009	14:06	Tug	Commercial	3	Transport	-	South	Planing
26/10/2009	14:07	Half Cabin	Recreational	3	Fishing	Enter	West	> 20
26/10/2009	14:25	Cruiser	Commercial	3	Patrolling	Leave	South	> 20
26/10/2009	14:33	Half Cabin	Recreational	6	Travel	Enter	North	> 20
26/10/2009	14:35	Tanker	Commercial	> 6	Transport	-	North	Displacement
26/10/2009	14:35	Tug	Commercial	3	Transport	-	North	Displacement
26/10/2009	14:35	Tug	Commercial	3	Transport	-	North	Displacement
26/10/2009	14:35	Tug	Commercial	3	Transport	-	North	Displacement
26/10/2009	15:00	Pilot Boat	Commercial	1	Transport	Leave	North	Planing
26/10/2009	15:00	Pilot Boat	Commercial	1	Transport	Leave	North	Planing
26/10/2009	15:04	Tinny	Commercial	2	Dredge Monitoring	Leave	North	> 20
26/10/2009	15:05	Tinny	Commercial	1	Fishing	Enter	South	> 20
26/10/2009	15:07	Cruiser	Commercial	> 45	Transport	Enter	West	Displacement
26/10/2009	15:16	Half Cabin	Recreational	4	Fishing	Enter	West	> 20
26/10/2009	15:22	Cruiser	Commercial	2	Patrolling	Enter	North	> 20
26/10/2009	15:39	Cruiser	Commercial	3	Fishing	Enter	West	> 20
26/10/2009	15:43	Tinny	Commercial	2	Travel	Enter	South	> 20

26/10/2009	15:48	Tug	Commercial	3	Travel	-	South	Planing
26/10/2009	15:52	Tug	Commercial	3	Travel	-	South	Planing
26/10/2009	15:59	Tinny	Commercial	2	Travel	Enter	South	Planing
26/10/2009	16:01	Pilot Boat	Commercial	3	Transport	Enter	North	> 20
26/10/2009	16:02	Tug	Commercial	3	Travel	-	South	Planing
26/10/2009	16:04	Half Cabin	Recreational	2	Travel	Enter	West	Planing
26/10/2009	16:16	Half Cabin	Recreational	3	Travel	Leave	East	> 20
26/10/2009	16:25	Half Cabin	Commercial	6	Transport	Enter	West	> 20
26/10/2009	16:29	Barge	Commercial	> 15	Transport	Enter	West	Displacement
26/10/2009	16:35	Barge	Commercial	3	Research	Enter	South	Planing
26/10/2009	16:42	Half Cabin	Commercial	2	Transport	Leave	East	> 20
26/10/2009	16:47	Sail	Recreational	2	Travel	Enter	North	Displacement
26/10/2009	16:48	Kayak	Recreational	5	Travel	Leave	East	Displacement
26/10/2009	16:55	Half Cabin	Commercial	6	Transport	Enter	West	> 20
26/10/2009	16:55	Half Cabin	Recreational	3	Fishing	Enter	West	> 20
26/10/2009	16:56	Tinny	Recreational	1	Travel	Leave	East	> 20
26/10/2009	17:06	Kayak	Recreational	5	Travel	Enter	West	Displacement
26/10/2009	17:07	Tinny	Commercial	2	Dredge Monitoring	Enter	South	> 20
26/10/2009	17:17	Cruiser	Recreational	2	Travel	Enter	South	Displacement
26/10/2009	17:35	Tinny	Commercial	1	Crabbing/Fishing	Enter	West	Planing
26/10/2009	17:35	Tinny	Commercial	1	Crabbing/Fishing	Enter	West	Planing
26/10/2009	17:51	Tug	Commercial	3	Transport	-	South	Planing
29/10/2009	06:00	Half Cabin	?	1	Travel	Enter	West	Planing
29/10/2009	06:08	Cruiser	?	1	Travel	Leave	North	Displacement
29/10/2009	06:10	Tinny	Recreational	1	Travel	Enter	West	Planing

29/10/2009	06:00	Sail	Recreational	-	Anchored	-	-	Anchored
29/10/2009	06:00	Tanker	Commercial	-	Anchored	-	-	Anchored
29/10/2009	06:00	Tanker	Commercial	-	Anchored	-	-	Anchored
29/10/2009	06:00	Tanker	Commercial	-	Anchored	-	-	Anchored
29/10/2009	06:00	Tanker	Commercial	-	Anchored	-	-	Anchored
29/10/2009	06:18	Half Cabin	?	7	Transport	Leave	East	Planing
29/10/2009	06:21	Half Cabin	Commercial	2	Travel	Enter	North	Displacement
29/10/2009	06:25	Tinny	Commercial	2	Dredge Monitoring	Leave	North	Planing
29/10/2009	06:29	Pilot Boat	Commercial	2	Travel	Enter	North	Planing
29/10/2009	06:30	Half Cabin	?	1	Travel	Enter	West	Planing
29/10/2009	06:31	Half Cabin	?	1	Travel	Leave	East	Planing
29/10/2009	06:38	Pilot Boat	Commercial	2	Travel	Enter	North	Planing
29/10/2009	06:39	Barge	Commercial	7	Transport	Leave	East	Displacement
29/10/2009	07:26	Tinny	?	2	Travel	Leave	South	Planing
29/10/2009	07:31	Half Cabin	?	1	Travel	Enter	North	Planing
29/10/2009	07:34	Tinny	Commercial	2	Travel	Enter	South	Planing
29/10/2009	07:44	Half Cabin	?	3	Travel	Leave	East	Planing
29/10/2009	07:53	Sail	Recreational	2	Travel	Enter	South	Displacement
29/10/2009	08:20	Cruiser	Commercial	?	Fishing	Enter	South	Displacement
29/10/2009	09:23	Half Cabin	Recreational	4	Fishing	Leave	East	> 20
29/10/2009	09:23	Tinny	Recreational	1	Crabbing	Leave	East	Planing
29/10/2009	09:37	Barge	Commercial	2	Transport	Enter	West	Planing
29/10/2009	10:02	Barge	Commercial	> 5	Transport	Leave	East	Displacement
29/10/2009	10:15	Tinny	Recreational	2	Travel	Enter	West	Planing
29/10/2009	10:29	Half Cabin	Recreational	1	Travel	Enter	West	Planing

29/10/2009	11:03	Tug/Barge	Commercial	> 8	Transport	-	North	Displacement
29/10/2009	11:04	Cruiser	Commercial	> 20	Transport	Leave	East	Planing
29/10/2009	11:22	Barge	Commercial	2	Transport	Leave	East	Planing
29/10/2009	11:38	Tinny	Commercial	2	Travel	Leave	North	> 20
29/10/2009	11:50	Half Cabin	Recreational	3	Fishing	Leave	East	Planing
29/10/2009	11:59	Barge	Commercial	3	Transport	Enter	West	Planing
29/10/2009	12:00	Cruiser	Commercial	> 20	Transport	-	North	Displacement
29/10/2009	12:00	Tinny	Recreational	2	Transport	Leave	North	Planing
29/10/2009	12:02	Cruiser	Recreational	4	Travel	Leave	North	Planing
29/10/2009	12:10	Pilot Boat	Commercial	2	Transport	Leave	North	Displacement
29/10/2009	12:10	Pilot Boat	Commercial	2	Transport	Leave	North	Displacement
29/10/2009	12:12	Tanker	Commercial	> 10	Transport	-	North	Displacement
29/10/2009	12:12	Tug	Commercial	3	Transport	-	North	Displacement
29/10/2009	12:12	Tug	Commercial	3	Transport	-	North	Displacement
29/10/2009	12:13	Pilot Boat	Commercial	2	Transport	Enter	West	Planing
29/10/2009	12:24	Tinny	Recreational	2	Travel	Enter	West	Planing
29/10/2009	12:30	Barge	Commercial	1	Transport	Leave	East	Displacement
29/10/2009	12:32	Pilot Boat	Commercial	2	Transport	Leave	North	Planing
29/10/2009	12:50	Pilot Boat	Commercial	2	Transport	Enter	West	Planing
29/10/2009	13:00	Pilot Boat	Commercial	2	Transport	Enter	West	Displacement
29/10/2009	13:05	Tug	Commercial	3	Transport	-	South	Displacement
29/10/2009	13:05	Pilot Boat	Commercial	2	Transport	Enter	West	Displacement
29/10/2009	13:06	Tug	Commercial	3	Transport	-	South	Displacement
29/10/2009	13:12	Tanker	Commercial	4	Fishing	Enter	West	Displacement
29/10/2009	13:45	Half Cabin	Commercial	1	Travel	Enter	West	Planing

29/10/2009	14:06	Barge	Commercial	3	Transport	Enter	West	Displacement
29/10/2009	14:28	Half Cabin	Commercial	3	Transport	Leave	East	> 20
29/10/2009	14:35	Barge	Commercial	3	Transport	Leave	East	Planing
29/10/2009	15:04	Sail	Recreational	2	Travel	Enter	North	Displacement
29/10/2009	15:05	Barge	Commercial	> 5	Anchored	Leave	-	Anchored/ Displacement
29/10/2009	15:30	Tinny	Recreational	1	Travel	Leave	North	Planing
29/10/2009	15:34	Cruiser	Commercial	> 60	Travel	Enter	West	Displacement
29/10/2009	15:46	Barge	Commercial	> 5	Travel	Enter	South	Displacement
29/10/2009	16:02	Barge	Commercial	2	Transport	Enter	West	Displacement
29/10/2009	16:07	Jetski	Recreational	1	Travel	Leave	East	Displacement
29/10/2009	16:12	Barge	Commercial	2	Travel	Leave	East	Displacement
29/10/2009	16:21	Jetski	Recreational	1	Travel	Enter	West	> 20
29/10/2009	16:29	Kayak	Recreational	1	Travel	Leave	East	Displacement
29/10/2009	16:29	Kayak	Recreational	1	Travel	Enter	West	Displacement
29/10/2009	16:38	Tug	Commercial	2	Travel	Enter	South	Displacement
29/10/2009	16:40	Tug	Commercial	3	Travel	-	North	Displacement
29/10/2009	16:41	Tinny	Recreational	3	Fishing	Enter	West	> 20
29/10/2009	16:44	Half Cabin	Recreational	2	Travel	Leave	East	Planing
29/10/2009	16:47	Tug	Commercial	3	Travel	-	North	Displacement
29/10/2009	16:50	Tug	Commercial	3	Travel	-	North	Displacement
29/10/2009	16:51	Kayak	Recreational	1	Travel	Leave	East	Displacement
29/10/2009	16:52	Pilot Boat	Commercial	2	Travel	Leave	South	Displacement
29/10/2009	16:52	Pilot Boat	Commercial	3	Travel	Leave	South	Displacement
29/10/2009	16:53	Barge	Commercial	10	Transport	Enter	West	Planing
29/10/2009	16:56	Kayak	Recreational	5	Travel	Leave	East	Displacement

29/10/2009	17:19	Half Cabin	Recreational	1	Travel	Leave	East	Planing
29/10/2009	17:20	Tinny	Recreational	2	Travel	Leave	East	Planing
29/10/2009	17:22	Kayak	Recreational	5	Travel	Enter	West	Displacement
29/10/2009	17:30	Half Cabin	Recreational	2	Travel	Leave	East	Planing
29/10/2009	17:34	Tug	Commercial	3	Travel	-	South	Planing
29/10/2009	17:35	Tug	Commercial	3	Travel	-	South	Planing
29/10/2009	17:36	Tug	Commercial	3	Travel	-	South	Planing
29/10/2009	17:40	Tanker	Commercial	> 10	Transport	-	South	Displacement
29/10/2009	17:41	Kayak	Recreational	5	Travel	Leave	East	Displacement
29/10/2009	17:42	Kayak	Recreational	5	Travel	Enter	West	Displacement
29/10/2009	17:46	Kayak	Recreational	5	Travel	Leave	East	Displacement
29/10/2009	17:46	Kayak	Recreational	5	Travel	Leave	East	Displacement
29/10/2009	17:49	Kayak	Recreational	5	Travel	Enter	West	Displacement
29/10/2009	17:54	Kayak	Recreational	5	Travel	Enter	West	Displacement
30/10/2009	06:00	Tanker	Commercial	?	Transport	-	-	Anchored
30/10/2009	06:00	Tanker	Commercial	?	Transport	-	-	Anchored
30/10/2009	06:00	Tanker	Commercial	?	Transport	-	-	Anchored
30/10/2009	06:00	Tanker	Commercial	?	Transport	-	-	Anchored
30/10/2009	06:00	Tanker	Commercial	?	Transport	-	-	Anchored
30/10/2009	06:00	Half Cabin	Commercial	1	Travel	Enter	West	> 20
30/10/2009	06:01	Line Boat	Commercial	2	Travel	Enter	South	Planing
30/10/2009	06:02	Half Cabin	Recreational	1	Travel	Enter	West	> 20
30/10/2009	06:00	Sail	Recreational	?	Travel	-	-	Anchored
30/10/2009	06:09	Tinny	Commercial	1	Crabbing	Enter	South	> 20
30/10/2009	06:16	Tinny	Recreational	1	Travel	Enter	West	> 20

30/10/2009	06:19	Half Cabin	Commercial	8	Transport	Leave	East	> 20
30/10/2009	06:20	Tanker	Commercial	?	Anchored	-	-	Anchored
30/10/2009	06:31	Half Cabin	Commercial	1	Travel	Enter	West	> 20
30/10/2009	06:33	Tug	Commercial	3	Travel	-	South	Planing
30/10/2009	06:35	Half Cabin	Commercial	1	Travel	Leave	East	> 20
30/10/2009	06:36	Tug	Commercial	2	Travel	-	South	Planing
30/10/2009	06:37	Tanker	Commercial	> 8	Transport	-	South	Displacement
30/10/2009	06:40	Barge	Commercial	7	Transport	Leave	East	Planing
30/10/2009	06:43	Tinny	Commercial	2	Travel	Leave	South	Planing
30/10/2009	06:48	Sail	Recreational	2	Travel	Enter	South	Displacement
30/10/2009	06:52	Tinny	Commercial	2	Travel	Enter	North	Displacement
30/10/2009	06:55	Pilot Boat	Commercial	2	Travel	Enter	North	Displacement
30/10/2009	06:58	Barge	Commercial	2	Transport	Leave	North	Displacement
30/10/2009	07:06	Tinny	Commercial	2	Dredge Monitoring	Leave	North	> 20
30/10/2009	07:13	Pilot Boat	Commercial	2	Travel	Leave	South	Planing
30/10/2009	07:14	Tug	Commercial	3	Transport	-	North	Displacement
30/10/2009	07:14	Tug	Commercial	3	Transport	-	North	Displacement
30/10/2009	07:14	Tanker	Commercial	?	Transport	-	North	Displacement
30/10/2009	07:15	Tinny	Commercial	2	Travel	Leave	South	Planing
30/10/2009	07:20	Barge	Commercial	2	Transport	Leave	North	Planing
30/10/2009	07:31	Half Cabin	Recreational	2	Fishing	Leave	South	> 20
30/10/2009	07:56	Line Boat	Commercial	2	Travel	Leave	South	Planing
30/10/2009	07:57	Cruiser	Commercial	?	Travel	-	North	Displacement
30/10/2009	08:07	Barge	Commercial	2	Transport	Enter	West	Displacement
30/10/2009	08:08	Barge	Commercial	> 15	Transport	Leave	East	Displacement

30/10/2009	08:18	Tinny	Commercial	2	Dredge Monitoring	Enter	South	> 20
30/10/2009	08:19	Tanker	Commercial	> 10	Transport	-	North	Displacement
30/10/2009	08:19	Tug	Commercial	3	Transport	-	North	Displacement
30/10/2009	08:19	Tug	Commercial	3	Transport	-	North	Displacement
30/10/2009	08:23	Tinny	Recreational	3	Crabbing/Fishing	Leave	East	> 20
30/10/2009	08:27	Tinny	Commercial	2	Travel	Enter	North	Displacement
30/10/2009	08:37	Barge	Commercial	7	Transport	Leave	East	Planing
30/10/2009	08:40	Tinny	Recreational	1	Fishing	Leave	East	Planing
30/10/2009	08:43	Tug	Commercial	2	Travel	-	South	Displacement
30/10/2009	08:48	Tinny	Recreational	2	Fishing	Leave	East	Planing
30/10/2009	08:50	Barge	Commercial	2	Transport	-	South	Displacement
30/10/2009	08:50	Tug	Commercial	3	Transport	-	South	Displacement
30/10/2009	08:50	Tug	Commercial	3	Transport	-	South	Displacement
30/10/2009	08:58	Half Cabin	Commercial	2	Travel	Enter	North	Planing
30/10/2009	09:04	Barge	Commercial	1	Travel	Enter	West	Planing
30/10/2009	09:12	Inflatable	Commercial	2	Working	Both	-	Displacement
30/10/2009	09:18	Tinny	Commercial	1	Crabbing/Fishing	Enter	South	Planing
30/10/2009	09:21	Trawler	Commercial	> 2	Travel	Enter	North	Displacement
30/10/2009	09:27	Sail	Recreational	2	Travel	Enter	South	Displacement
30/10/2009	09:29	Pilot Boat	Commercial	2	Travel	Enter	North	Planing
30/10/2009	09:30	Tinny	Commercial	2	Travel	Leave	North	Planing
30/10/2009	09:32	Barge	Commercial	2	Transport	Enter	South	Displacement
30/10/2009	09:35	Half Cabin	Commercial	1	Travel	Enter	West	Planing
30/10/2009	09:39	Barge	Commercial	> 2	Transport		South	Displacement
30/10/2009	09:49	Barge	Commercial	2	Transport	Leave	East	Displacement



30/10/2009	09:53	Tinny	Recreational	2	Travel	Leave	West	Planing
30/10/2009	10:00	Tinny	Recreational	1	Travel	Leave	East	> 20
30/10/2009	10:03	Tinny	Commercial	2	Travel	Enter	South	> 20
30/10/2009	10:05	Cruiser	Commercial	4	Research	Leave	North	Displacement
30/10/2009	10:06	Tinny	Commercial	5	Research	Leave	East	> 20
30/10/2009	10:07	Barge	Commercial	> 6	Transport	Enter	West	Displacement
30/10/2009	10:18	Pilot Boat	Commercial	3	Travel	Enter	North	Displacement
30/10/2009	10:27	Trawler	Commercial	4	Fishing	Leave	-	Anchored
30/10/2009	10:28	Tug	Commercial	4	Travel	Enter	North	Displacement
30/10/2009	10:29	Half Cabin	Commercial	1	Travel	Leave	East	> 20
30/10/2009	10:34	Tinny	Recreational	3	Fishing	Enter	West	Planing
30/10/2009	10:44	Tinny	Commercial	1	Crabbing/Fishing	Leave	North	Planing
30/10/2009	10:47	Half Cabin	Commercial	1	Travel	Enter	West	> 20
30/10/2009	11:05	Cruiser	Commercial	> 15	Travel	Leave	South	Planing
30/10/2009	11:24	Tinny	Recreational	1	Travel	Leave	North	Planing
30/10/2009	11:29	Cruiser	Recreational	2	Travel	Enter	South	Planing
30/10/2009	11:29	Tinny	Commercial	2	Travel	Leave	South	Planing
30/10/2009	11:32	Half Cabin	Recreational	2	Travel	Enter	West	Planing
30/10/2009	11:33	Barge	Commercial	2	Transport	Enter	North	Planing
30/10/2009	11:41	Cruiser	Commercial	4	Research	-	South	Planing
30/10/2009	11:46	Cruiser	Commercial	4	Research	Enter	North	Displacement
30/10/2009	11:49	Tinny	Commercial	2	Travel	-	North	Displacement
30/10/2009	11:50	Half Cabin	Commercial	1	Travel	Leave	East	Planing
30/10/2009	11:50	Cruiser	Recreational	4	Fishing	Leave	South	> 20
30/10/2009	11:54	Tinny	Commercial	2	Travel	Enter	South	Displacement

30/10/2009	11:54	Cruiser	Recreational	3	Travel	Enter	North	Planing
30/10/2009	12:22	Half Cabin	Commercial	4	Transport	Enter	West	> 20
30/10/2009	12:32	Half Cabin	Commercial	1	Travel	Leave	East	Planing
30/10/2009	12:36	Barge	Commercial	1	Transport	Leave	East	Planing
30/10/2009	12:44	Tinny	Commercial	4	Research	Enter	West	> 20
30/10/2009	12:45	Pilot Boat	Commercial	2	Travel	Leave	South	Displacement
30/10/2009	12:48	Pilot Boat	Commercial	2	Travel	Leave	South	Displacement
30/10/2009	12:50	Sail	Recreational	2	Travel	Leave	North	Displacement
30/10/2009	12:50	Tinny	Recreational	1	Travel	Enter	South	> 20
30/10/2009	12:50	Cruiser	Commercial	> 10	Travel	-	South	Displacement
30/10/2009	12:52	Tinny	Recreational	1	Travel	Leave	East	> 20
30/10/2009	12:52	Half Cabin	Recreational	1	Travel	Leave	East	> 20
30/10/2009	13:19	Trawler	Commercial	4	Fishing	Enter	-	Displacement
30/10/2009	13:21	Half Cabin	Recreational	5	Travel	Leave	East	Planing
30/10/2009	13:24	Tinny	Recreational	2	Crabbing	Leave	North	Planing
30/10/2009	13:31	Half Cabin	Commercial	4	Research	Leave	North	Planing
30/10/2009	13:33	Barge	Commercial	4	Transport	Enter	West	Displacement
30/10/2009	13:40	Half Cabin	Commercial	2	Travel	Enter	North	Planing
30/10/2009	13:41	Half Cabin	Commercial	4	Research	-	West	Planing
30/10/2009	13:46	Line Boat	Commercial	2	Travel	Enter	North	Displacement
30/10/2009	13:54	Half Cabin	Recreational	1	Travel	Enter	West	Planing
30/10/2009	14:07	Sail	Recreational	2	Travel	Enter	North	Displacement
30/10/2009	14:13	Tinny	Recreational	3	Travel	Leave	North	Planing
30/10/2009	14:17	Barge	Commercial	2	Transport	Leave	West	Displacement
30/10/2009	14:20	Tinny	Recreational	2	Crabbing/Fishing	Leave	East	Planing

30/10/2009	14:26	Tinny	Recreational	3	Travel	Leave	North	> 20
30/10/2009	14:27	Tinny	Recreational	2	Travel	Enter	North	Planing
30/10/2009	14:28	Tug	Commercial	> 10	Transport	Leave	South	Displacement
30/10/2009	14:39	Sail	Recreational	3	Travel	Enter	South	Displacement
30/10/2009	14:48	Pilot Boat	Commercial	2	Travel	Leave	South	Planing
30/10/2009	14:54	Tanker	Commercial	> 5	Transport	-	South	Displacement
30/10/2009	14:57	Tinny	Recreational	4	Travel	Leave	South	Planing
30/10/2009	15:08	Half Cabin	Commercial	5	Research	Enter	South	> 20
30/10/2009	15:10	Barge	Commercial	8	Transport	Enter	West	Planing
30/10/2009	15:34	Cruiser	Recreational	4	Travel	Enter	South	Displacement
30/10/2009	15:37	Cruiser	Commercial	> 20	Transport	Enter	North	Planing
30/10/2009	15:42	Cruiser	Recreational	6	Travel	Leave	North	Planing
30/10/2009	15:48	Tinny	Recreational	2	Travel	Leave	East	Planing
30/10/2009	15:49	Tinny	Recreational	2	Travel	Enter	South	Planing
30/10/2009	16:12	Tinny	Recreational	2	Travel	Leave	East	Planing
30/10/2009	16:21	Trawler	Commercial	1	Travel		South	Displacement
30/10/2009	16:23	Half Cabin	Recreational	5	Travel	Leave	East	Planing
30/10/2009	16:24	Half Cabin	Recreational	2	Fishing	Enter	West	Displacement
30/10/2009	16:28	Tinny	Recreational	2	Travel	Leave	East	Planing
30/10/2009	16:36	Tinny	Recreational	1	Travel	Enter	West	Planing
30/10/2009	16:37	Tinny	Recreational	3	Travel	Enter	South	Planing
30/10/2009	16:51	Half Cabin	Recreational	2	Travel	Leave	East	Planing
30/10/2009	16:58	Tinny	Recreational	3	Travel	Leave	East	Planing
30/10/2009	17:01	Pilot Boat	Commercial	1	Travel	Enter	North	Planing
30/10/2009	17:04	Tinny	Recreational	3	Travel	Leave	East	Planing

30/10/2009	17:09	Tinny	Recreational	3	Travel	Leave	East	Planing
30/10/2009	17:09	Tinny	Recreational	2	Travel	Leave	East	Planing
30/10/2009	17:24	Tanker	Commercial	-	Travel	-	North	Displacement
30/10/2009	17:24	Tug	Commercial	-	Travel	-	North	Displacement
30/10/2009	17:24	Tug	Commercial	-	Travel	-	North	Displacement
30/10/2009	17:31	Tug	Commercial	1	Travel	Enter	North	Displacement
30/10/2009	17:33	Line Boat	Commercial	2	Travel	Leave	North	Displacement
30/10/2009	17:34	Half Cabin	Commercial	1	Travel	Enter	West	Planing
30/10/2009	17:35	Line Boat	Commercial	2	Travel	Leave	North	Displacement
30/10/2009	17:41	Barge	Commercial	> 20	Transport	Leave	East	Displacement
30/10/2009	17:45	Half Cabin	Commercial	3	Travel	Leave	East	Planing
31/10/2009	06:00	Tanker	Commercial	-	Anchored	-	-	Anchored
31/10/2009	06:00	Tanker	Commercial	-	Anchored	-	-	Anchored
31/10/2009	06:00	Tanker	Commercial	-	Anchored	-	-	Anchored
31/10/2009	06:05	Half Cabin	Commercial	1	Travel	Enter	West	Planing
31/10/2009	06:06	Sail	Recreational	-	Travel	-	South	Displacement
31/10/2009	06:11	Tinny	Recreational	4	Travel	Leave	South	Displacement
31/10/2009	06:11	Tinny	Recreational	3	Fishing	Leave	South	Displacement
31/10/2009	06:12	Cruiser	Commercial	> 6	Fishing	Enter	North	Displacement
31/10/2009	06:15	Half Cabin	Commercial	3	Transport	Leave	East	Planing
31/10/2009	06:26	Cruiser	Commercial	2	Travel	Leave	South	Displacement
31/10/2009	06:27	Tinny	Recreational	3	Travel	Leave	East	Planing
31/10/2009	06:27	Tinny	Recreational	3	Travel	Leave	East	Planing
31/10/2009	06:34	Half Cabin	Recreational	1	Travel	Leave	North	Planing
31/10/2009	06:00	Sail	Recreational	-	Anchored	-	-	Anchored

31/10/2009	06:44	Half Cabin	Recreational	3	Travel	Leave	South	Planing
31/10/2009	06:50	Pilot Boat	Commercial	4	Travel	Leave	South	Planing
31/10/2009	07:06	Half Cabin	Recreational	3	Travel	Leave	East	Planing
31/10/2009	07:07	Half Cabin	Recreational	2	Travel	Leave	East	> 20
31/10/2009	07:08	Tug	Commercial	1	Travel	Leave	South	Displacement
31/10/2009	07:10	Sail	Recreational	2	Travel	Leave	East	Displacement
31/10/2009	07:12	Sail	Recreational	2	Travel	Leave	South	Displacement
31/10/2009	07:30	Tinny	Recreational	2	Travel	Leave	East	Planing
31/10/2009	07:42	Tinny	Commercial	2	Dredge Monitoring	Leave	North	Planing
31/10/2009	08:14	Sail	Recreational	2	Travel	Enter	West	Displacement
31/10/2009	08:10	Barge	Commercial	> 5	Transport	Leave	East	Displacement
31/10/2009	08:10	Half Cabin	Recreational	2	Travel	Enter	West	Planing
31/10/2009	08:13	Cruiser	Commercial	> 10	Fishing	Enter	North	Displacement
31/10/2009	08:24	Half Cabin	Recreational	4	Travel	Leave	North	Planing
31/10/2009	08:27	Tinny	Recreational	2	Fishing	-	North	Planing
31/10/2009	08:41	Tinny	Recreational	5	Travel	Leave	East	Planing
31/10/2009	08:41	Half Cabin	Recreational	3	Travel	Leave	South	> 20
31/10/2009	08:48	Tinny	Commercial	2	Dredge Monitoring	Enter	South	> 20
31/10/2009	08:53	Tinny	Recreational	5	Travel	-	North	Planing
31/10/2009	08:58	Tinny	Recreational	5	Travel	Enter	South	Displacement
31/10/2009	09:01	Tanker	Commercial	> 10	Transport	-	North	Displacement
31/10/2009	09:01	Half Cabin	Recreational	2	Travel	Leave	East	Planing
31/10/2009	09:02	Half Cabin	Recreational	2	Travel	Enter	South	Planing
31/10/2009	09:04	Tinny	Recreational	3	Fishing	Enter	North	Planing
31/10/2009	09:05	Pilot Boat	Commercial	> 3	Travel	Enter	North	Displacement

31/10/2009	09:10	Tinny	Recreational	2	Fishing	Leave	South	Planing
31/10/2009	09:15	Tinny	Recreational	2	Travel	Enter	West	Planing
31/10/2009	09:23	Tinny	Commercial	1	Fishing	Enter	West	Planing
31/10/2009	09:30	Tinny	Recreational	3	Travel	Leave	North	Planing
31/10/2009	09:32	Half Cabin	Recreational	2	Travel	Leave	South	Planing
31/10/2009	09:34	Tinny	Recreational	3	Travel	Enter	South	> 20
31/10/2009	09:42	Tinny	Recreational	2	Travel	Enter	North	Planing
31/10/2009	09:42	Cruiser	Recreational	6	Travel	Leave	East	Planing
31/10/2009	09:56	Tinny	Recreational	3	Fishing	Enter	South	Planing
31/10/2009	09:59	Half Cabin	Recreational	> 1	Travel	Enter	West	Planing
31/10/2009	10:07	Cruiser	Commercial	> 2	Travel	Leave	North	Planing
31/10/2009	10:08	Cruiser	?	> 4	Travel	Leave	North	Displacement
31/10/2009	10:10	Half Cabin	Recreational	2	Travel	Leave	East	> 20
31/10/2009	10:11	Barge	Commercial	> 10	Transport	Enter	West	Displacement
31/10/2009	10:13	Half Cabin	Recreational	3	Travel	Enter	West	Planing
31/10/2009	10:22	Tinny	Recreational	2	Fishing	Enter	West	> 20
31/10/2009	10:32	Cruiser	Commercial	5	Rescue	Enter	South	Displacement
31/10/2009	10:32	Tinny	Recreational	1	Travel	Enter	South	Tow
31/10/2009	10:33	Tinny	Recreational	5	Travel	Enter	West	Planing
31/10/2009	10:34	Pilot Boat	Commercial	2	Travel	Leave	South	Planing
31/10/2009	10:34	Tinny	Recreational	2	Travel	Leave	East	Planing
31/10/2009	10:35	Half Cabin	Recreational	3	Travel	Leave	East	Planing
31/10/2009	10:38	Tinny	Recreational	3	Travel	Leave	South	Planing
31/10/2009	10:42	Tinny	Recreational	3	Travel	-	North	Planing
31/10/2009	11:04	Half Cabin	Commercial	6	Transport	Enter	West	Planing

31/10/2009	11:05	Cruiser	Commercial	> 20	Transport	Leave	South	Displacement
31/10/2009	11:11	Sail	Recreational	2	Travel	Leave	-	Displacement
31/10/2009	11:13	Sail	Recreational	2	Travel	Leave	North	Displacement
31/10/2009	11:14	Tinny	Recreational	2	Travel	Enter	South	Displacement
31/10/2009	11:16	Tinny	Recreational	6	Travel	Enter	North	Displacement
31/10/2009	11:18	Sail	Recreational	2	Travel	Enter	West	Displacement
31/10/2009	11:18	Cruiser	Recreational	2	Travel	Leave	North	Displacement
31/10/2009	11:19	Half Cabin	Commercial	1	Travel	Leave	East	Planing
31/10/2009	11:22	Inflatable	Commercial	5	Travel	Enter	North	Planing
31/10/2009	11:23	Cruiser	Recreational	2	Travel	Enter	South	Planing
31/10/2009	11:25	Cruiser	Recreational	2	Travel	Leave	North	Planing
31/10/2009	11:28	Cruiser	Recreational	3	Travel	Enter	South	Planing
31/10/2009	11:29	Tinny	Commercial	3	Travel	Leave	South	Displacement
31/10/2009	11:39	Tinny	Recreational	2	Fishing	Leave	East	Planing
31/10/2009	11:41	Half Cabin	Commercial	4	Research	Leave	North	Planing
31/10/2009	12:05	Half Cabin	Recreational	4	Travel	Enter	South	Planing
31/10/2009	12:06	Cruiser	Recreational	4	Travel	Leave	North	Displacement
31/10/2009	12:10	Tinny	Recreational	3	Travel	Leave	East	Planing
31/10/2009	12:12	Half Cabin	Recreational	4	Travel	Leave	North	Planing
31/10/2009	12:15	Barge	Commercial	> 10	Transport	Enter	West	Displacement
31/10/2009	12:16	Sail	Recreational	3	Travel	Leave	North	Displacement
31/10/2009	12:16	Tinny	-	0	Tow	Enter	West	Displacement
31/10/2009	12:18	Tanker	Commercial	> 10	Travel	-	South	Displacement
31/10/2009	12:27	Pilot Boat	Commercial	> 3	Travel	Enter	North	Displacement
31/10/2009	12:30	Sail	Recreational	3	Travel	Leave	North	Displacement

31/10/2009	12:33	Half Cabin	Commercial	3	Travel	Enter	North	Displacement
31/10/2009	12:34	Half Cabin	Recreational	3	Fishing	Enter	West	Planing
31/10/2009	12:35	Sail	Recreational	5	Travel	Leave	East	Displacement
31/10/2009	12:35	Half Cabin	Commercial	2	Travel	Leave	North	Displacement
31/10/2009	12:37	Sail	Recreational	3	Travel	Enter	South	Displacement
31/10/2009	12:39	Tinny	Recreational	2	Travel	Enter	West	Planing
31/10/2009	12:43	Tinny	Commercial	5	Travel	Enter	North	Planing
31/10/2009	12:44	Sail	Recreational	6	Travel	Leave	North	Displacement
31/10/2009	12:45	Sail	Recreational	5	Travel	Leave	East	Displacement
31/10/2009	12:48	Tug	Commercial	> 3	Travel	Enter	South	Displacement
31/10/2009	12:48	Sail	Recreational	3	Travel	Leave	North	Displacement
31/10/2009	12:54	Sail	Recreational	1	Travel	Leave	North	Displacement
31/10/2009	12:54	Half Cabin	Recreational	2	Travel	-	North	Displacement
31/10/2009	12:55	Tug	Commercial	> 5	Travel	Leave	South	Displacement
31/10/2009	12:57	Tinny	Commercial	2	Travel	Leave	North	Planing
31/10/2009	12:58	Tug	Commercial	> 5	Travel	-	North	Displacement
31/10/2009	12:58	Sail	Recreational	3	Travel	Leave	North	Displacement
31/10/2009	13:00	Tanker	Commercial	> 10	Travel	-	North	Displacement
31/10/2009	13:01	Tug	Commercial	> 2	Travel	-	North	Displacement
31/10/2009	13:02	Sail	Recreational	1	Travel	Leave	North	Displacement
31/10/2009	13:02	Sail	Recreational	1	Travel	Leave	North	Displacement
31/10/2009	13:17	Tug	Commercial	2	Travel	Leave	North	Displacement
31/10/2009	13:18	Tinny	Commercial	2	Travel	-	North	Displacement
31/10/2009	13:21	Tinny	Commercial	4	Travel	Leave	South	Planing
31/10/2009	13:22	Half Cabin	Commercial	1	Travel	Enter	South	Displacement



31/10/2009	13:26	Half Cabin	Commercial	2	Travel	Leave	North	Planing
31/10/2009	13:27	Tanker	Commercial	> 10	Travel	-	North	Displacement
31/10/2009	13:27	Tug	Commercial	> 3	Travel	-	North	Displacement
31/10/2009	13:27	Tug	Commercial	> 3	Travel	-	North	Displacement
31/10/2009	13:31	Half Cabin	Recreational	3	Travel	-	South	Planing
31/10/2009	13:35	Tinny	Recreational	2	Travel	Leave	East	Planing
31/10/2009	13:29	Line Boat	Commercial	2	Travel	Leave	North	Displacement
31/10/2009	13:41	Line Boat	Commercial	2	Travel	Leave	North	Displacement
31/10/2009	13:46	Half Cabin	Commercial	1	Travel	Leave	North	Displacement
31/10/2009	13:50	Half Cabin	Commercial	1	Research	Leave	North	Planing
31/10/2009	14:09	Half Cabin	Commercial	1	Travel	Enter	West	Planing
31/10/2009	14:15	Line Boat	Commercial	2	Travel	Enter	South	Displacement
31/10/2009	14:17	Sail	Recreational	4	Travel	Enter	South	Displacement
31/10/2009	14:19	Tug	Commercial	> 3	Travel	-	South	Displacement
31/10/2009	14:20	Line Boat	Commercial	2	Travel	Enter	South	Planing
31/10/2009	14:23	Half Cabin	Commercial	3	Travel	Leave	East	Displacement
31/10/2009	14:24	Tug	Commercial	> 3	Travel	-	South	Displacement
31/10/2009	14:29	Sail	Recreational	5	Travel	Leave	North	Displacement
31/10/2009	14:29	Half Cabin	Commercial	2	Travel	Enter	South	Planing
31/10/2009	14:36	Tug	Commercial	> 3	Travel	-	South	Displacement
31/10/2009	14:37	Tug	Commercial	> 3	Travel	-	South	Displacement
31/10/2009	14:39	Barge	Commercial	> 15	Transport	Leave	East	Displacement
31/10/2009	14:44	Tinny	Recreational	1	Travel	Leave	East	Planing
31/10/2009	14:48	Sail	Recreational	5	Travel	Enter	South	Displacement
31/10/2009	14:54	Sail	Recreational	5	Travel	Leave	North	Displacement

31/10/2009	14:59	Cruiser	Commercial	> 2	Travel	Enter	North	Displacement
31/10/2009	15:01	Half Cabin	Commercial	4	Travel	-	North	Planing
31/10/2009	15:09	Half Cabin	Commercial	4	Travel	Enter	South	Planing
31/10/2009	15:14	Sail	Recreational	1	Travel	Enter	South	Displacement
31/10/2009	15:27	Cruiser	Commercial	> 30	Travel	Enter	North	Planing
31/10/2009	15:27	Half Cabin	Commercial	1	Tow/Travel	-	South	Displacement
31/10/2009	15:27	Sail	Recreational	3	Tow/Travel	Enter	South	Tow
31/10/2009	15:28	Tinny	Recreational	2	Fishing	Enter	West	Displacement
31/10/2009	15:31	Tinny	Recreational	2	Travel	Leave	East	Displacement
31/10/2009	15:31	Sail	Recreational	1	Travel	Enter	South	Displacement
31/10/2009	15:31	Sail	Recreational	1	Travel	Enter	South	Displacement
31/10/2009	15:32	Sail	Recreational	6	Travel	-	North	Displacement
31/10/2009	15:34	Sail	Recreational	5	Travel	Leave	South	Displacement
31/10/2009	15:35	Tug	Commercial	> 4	Travel	-	North	Displacement
31/10/2009	15:35	Tug	Commercial	> 5	Travel	-	North	Displacement
31/10/2009	15:35	Half Cabin	Commercial	1	Travel	Enter	South	Displacement
31/10/2009	15:37	Cruiser	Recreational	6	Travel	-	West	Planing
31/10/2009	15:40	Half Cabin	Recreational	2	Travel	Enter	South	Planing
31/10/2009	15:41	Tinny	Commercial	4	Travel	Leave	South	Displacement
31/10/2009	15:41	Tinny	Recreational	2	Travel	-	North	Displacement
31/10/2009	15:44	Sail	Recreational	3	Travel	Enter	South	Displacement
31/10/2009	15:46	Tinny	Recreational	2	Fishing	Leave	North	Planing
31/10/2009	15:46	Sail	Recreational	3	Travel	Leave	East	Displacement
31/10/2009	15:50	Tinny	Recreational	3	Fishing	Enter	West	Planing
31/10/2009	15:51	Tanker	Commercial	> 5	Travel	-	North	Displacement

31/10/2009	15:52	Sail	Recreational	4	Travel	Enter	South	Displacement
31/10/2009	15:53	Sail	Recreational	7	Travel	Enter	South	Displacement
31/10/2009	15:53	Half Cabin	Commercial	1	Travel	Enter	South	Displacement
31/10/2009	15:57	Tinny	Commercial	1	Travel	Enter	South	Planing
31/10/2009	15:58	Sail	Recreational	4	Travel	Enter	South	Displacement
31/10/2009	16:03	Sail	Recreational	5	Travel	Enter	South	Displacement
31/10/2009	16:04	Half Cabin	Recreational	2	Fishing	-	North	Planing
31/10/2009	16:08	Tinny	Commercial	2	Travel	Leave	-	> 20
31/10/2009	16:09	Cruiser	-	> 12	Fishing	Leave	Between North and East	Displacement
31/10/2009	16:10	Sail	Recreational	3	Travel	Enter	South	Displacement
31/10/2009	16:12	Half Cabin	Commercial	2	Travel	Enter	South	Displacement
31/10/2009	16:12	Tug	Commercial	> 3	Travel	-	South	Displacement
31/10/2009	16:14	Tug	Commercial	> 3	Travel	-	South	Displacement
31/10/2009	16:15	Tinny	Commercial	2	Travel	Enter	South	> 20
31/10/2009	16:15	Cruiser	Commercial	> 10	Travel	Leave	Between North and East	Displacement
31/10/2009	16:18	Tanker	Commercial	> 5	Travel	-	South	Displacement
31/10/2009	16:37	Sail	Recreational	3	Travel	Enter	South	Displacement
31/10/2009	16:40	Barge	Commercial	> 5	Transport	Enter	West	Displacement
31/10/2009	16:47	Cruiser	Recreational	> 2	Travel	Enter	South	Displacement
31/10/2009	16:49	Tinny	Recreational	1	Travel	Enter	West	Planing
31/10/2009	16:54	Cruiser	Commercial	> 12	Fishing	Leave	Between North and East	Displacement
31/10/2009	17:01	Tinny	Recreational	2	Travel	Enter	South	Displacement
31/10/2009	17:10	Cruiser	Commercial	> 10	Fishing	Leave	East	Displacement
31/10/2009	17:32	Tinny	Recreational	2	Travel	Enter	West	Planing

31/10/2009	17:39	Tinny	Commercial	2	Patrolling	Enter	North	Planing
11/01/2009	06:00	Tanker	Commercial	-	Anchored	-	-	Anchored
11/01/2009	06:00	Sail	-	-	Anchored	-	-	Anchored
11/01/2009	06:01	Sail	Recreational	2	Travel	Leave	South	Displacement
11/01/2009	06:03	Tinny	Recreational	1	Travel	Enter	North	Planing
11/01/2009	06:06	Trawler	Commercial	> 3	Fishing	Leave	South	Displacement
11/01/2009	06:10	Line Boat	Commercial	2	Travel	Leave	South	Displacement
11/01/2009	06:15	Tinny	Recreational	2	Travel	Leave	East	Planing
11/01/2009	06:26	Barge	Commercial	?	Transport	-	North	Displacement
11/01/2009	06:27	Line Boat	Commercial	2	Travel	-	North	Displacement
11/01/2009	06:28	Tug	Commercial	> 3	Tow/Travel	-	North	Displacement
11/01/2009	06:35	Tinny	?	1	Travel	Leave	East	Planing
11/01/2009	06:40	Half Cabin	Recreational	3	Fishing	Leave	East	> 20
11/01/2009	06:51	Trawler	Commercial	> 4	Fishing	Leave	East	Displacement
11/01/2009	06:54	Trawler	Commercial	> 3	Fishing	Leave	South	Displacement
11/01/2009	06:56	Tinny	Recreational	3	Travel	Enter	North	> 20
11/01/2009	07:00	Tinny	Recreational	1	Travel	Enter	West	> 20
11/01/2009	07:01	Half Cabin	Recreational	2	Fishing	Leave	East	Planing
11/01/2009	07:08	Jetski	Recreational	1	Travel	Leave	East	> 20
11/01/2009	07:15	Tinny	Recreational	1	Travel	Enter	West	Planing
11/01/2009	07:17	Tinny	Recreational	2	Travel	Leave	East	Planing
11/01/2009	07:25	Tinny	Recreational	2	Fishing	Leave	East	Planing
11/01/2009	07:26	Tinny	Recreational	3	Travel	Leave	East	Planing
11/01/2009	07:28	Tinny	Recreational	3	Travel	Enter	South	Displacement
11/01/2009	07:28	Jetski	Recreational	-	Tow	Enter	South	Displacement

11/01/2009	07:30	Half Cabin	Recreational	3	Travel	Enter	West	> 20
11/01/2009	07:31	Tinny	Recreational	3	Fishing	Leave	East	Displacement
11/01/2009	07:34	Sail	Recreational	2	Travel	Leave	South	Displacement
11/01/2009	07:38	Tinny	Recreational	2	Travel	Leave	East	Planing
11/01/2009	07:41	Tinny	Recreational	1	Fishing	Leave	East	Planing
11/01/2009	07:47	Pilot Boat	Commercial	1	Travel	Leave	North	Planing
11/01/2009	07:48	Cruiser	Recreational	> 2	Travel	Leave	South	Planing
11/01/2009	07:51	Sail	Recreational	2	Travel	Leave	South	Displacement
11/01/2009	07:54	Cruiser	Recreational	> 2	Travel	Enter	North	Planing
11/01/2009	07:58	Tinny	Recreational	1	Fishing	Leave	North	Planing
11/01/2009	08:02	Tinny	Recreational	1	Fishing	Enter	South	Planing
11/01/2009	08:08	Trawler	Commercial	> 3	Fishing	Leave	East	Displacement
11/01/2009	08:10	Trawler	Commercial	> 3	Fishing	Leave	East	Displacement
11/01/2009	08:11	Tanker	Commercial	> 5	Travel	-	North	Displacement
11/01/2009	08:12	Barge	Commercial	> 10	Transport	Leave	East	Displacement
11/01/2009	08:15	Tinny	Recreational	5	Fishing	Enter	North	Planing
11/01/2009	08:16	Tinny	-	3	Fishing	Enter	North	> 20
11/01/2009	08:16	Tinny	-	3	Fishing	Enter	North	> 20
11/01/2009	08:20	Tinny	Commercial	1	Travel	Leave	East	> 20
11/01/2009	08:21	Tinny	Commercial	2	Dredge Monitoring	Leave	North	> 20
11/01/2009	08:21	Tinny	Recreational	2	Travel	Enter	North	> 20
11/01/2009	08:25	Tinny	Recreational	2	Fishing	-	South	Displacement
11/01/2009	08:30	Pilot Boat	Commercial	> 3	Travel	Enter	South	Planing
11/01/2009	08:36	Tinny	Recreational	3	Fishing	Leave	East	Planing
11/01/2009	08:39	Tinny	Recreational	1	Fishing	Enter	West	Planing

11/01/2009	08:40	Tinny	Recreational	2	Fishing	-	South	Planing
11/01/2009	08:42	Half Cabin	Recreational	3	Fishing	Enter	West	> 20
11/01/2009	08:48	Tinny	Recreational	1	Fishing	Enter	West	Planing
11/01/2009	08:49	Tinny	Recreational	2	Travel	Leave	East	> 20
11/01/2009	08:58	Tinny	Recreational	1	Travel	Leave	East	Planing
11/01/2009	08:59	Tinny	Recreational	4	Fishing	Leave	North	> 20
11/01/2009	09:02	Half Cabin	Recreational	5	Fishing	Leave	East	> 20
11/01/2009	09:03	Trawler	Commercial	> 5	Travel	Leave	South	Displacement
11/01/2009	09:06	Half Cabin	Recreational	1	Fishing	Enter	West	> 20
11/01/2009	09:20	Tug	Commercial	-	Travel	Enter	South	Displacement
11/01/2009	09:20	Tug	Commercial	-	Travel	Enter	South	Displacement
11/01/2009	09:20	Cruiser	Recreational	> 4	Travel	Enter	South	Displacement
11/01/2009	09:20	Cruiser	Recreational	5	Travel	Enter	South	Displacement
11/01/2009	09:20	Cruiser	Recreational	5	Travel	Enter	South	Displacement
11/01/2009	09:24	Tinny	Commercial	2	Travel	Enter	South	> 20
11/01/2009	09:26	Tinny	Recreational	2	Fishing	-	West	> 20
11/01/2009	09:26	Tinny	Recreational	2	Fishing	-	West	> 20
11/01/2009	09:28	Dragon Boat	Recreational	4	Travel	Leave	North	Displacement
11/01/2009	09:31	Cruiser	Recreational	> 5	Travel	Enter	West	Displacement
11/01/2009	09:35	Tinny	Commercial	1	Fishing	Enter	West	> 20
11/01/2009	09:39	Pilot Boat	Commercial	2	Travel	Enter	South	Displacement
11/01/2009	09:40	Tinny	Recreational	2	Fishing	Enter	North	> 20
11/01/2009	09:40	Tinny	Recreational	3	Fishing	Leave	East	> 20
11/01/2009	09:52	Tinny	Recreational	3	Fishing	Enter	West	> 20
11/01/2009	09:53	Barge	Commercial	-	Travel	Enter	West	Displacement

11/01/2009	09:58	Half Cabin	Recreational	1	Fishing	Enter	West	> 20
11/01/2009	10:09	Half Cabin	Recreational	2	Fishing	Leave	South	> 20
11/01/2009	10:17	Dragon Boat	Recreational	4	Travel	Enter	West	Displacement
11/01/2009	10:20	Tinny	Recreational	2	Fishing	Leave	East	> 20
11/01/2009	10:23	Cruiser	Recreational	3	Fishing	Leave	North	> 20
11/01/2009	10:24	Tinny	Recreational	2	Fishing	-	North	> 20
11/01/2009	10:26	Half Cabin	Recreational	4	Fishing	Enter	West	> 20
11/01/2009	10:31	Cruiser	Recreational	3	Fishing	-	South	> 20
11/01/2009	10:32	Barge	Commercial	3	Travel	Leave		
11/01/2009	10:34	Sail	Recreational	3	Travel	Enter	South	Displacement
11/01/2009	10:37	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
11/01/2009	10:40	Cruiser	Recreational	3	Travel	Enter	North	> 20
11/01/2009	10:48	Tinny	Recreational	2	Fishing	Enter	West	> 20
11/01/2009	10:49	Tinny	Recreational	2	Travel	Enter	South	> 20
11/01/2009	10:57	Half Cabin	Recreational	2	Travel	Enter	West	> 20
11/01/2009	10:58	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
11/01/2009	10:59	Ship	Commercial	> 5	Travel	-	South	Displacement
11/01/2009	11:04	Cruiser	Commercial	-	Travel	Leave	South	Displacement
11/01/2009	11:06	Half Cabin	Recreational	2	Travel	Leave	North	> 20
11/01/2009	11:07	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
11/01/2009	11:07	Sail	Recreational	4	Travel	Leave	East	Displacement
11/01/2009	11:07	Sail	Recreational	> 4	Travel	Enter	West	Displacement
11/01/2009	11:11	Fishing Boat	Commercial	> 5	Travel	Leave	North	Displacement
11/01/2009	11:12	Half Cabin	Recreational	2	Fishing	Leave	East	> 20
11/01/2009	11:14	Half Cabin	Recreational	3	Fishing	Leave	North	> 20

11/01/2009	11:18	Sail	Recreational	4	Travel	Enter	West	Planing
11/01/2009	11:23	Tinny	Recreational	2	Travel	Enter	West	> 20
11/01/2009	11:23	Tinny	Recreational	3	Fishing	Enter	South	> 20
11/01/2009	11:29	Cruiser	Recreational	> 5	Travel	Enter	South	Planing
11/01/2009	11:39	Fishing Boat	Commercial	> 5	Travel	Enter	South	Displacement
11/01/2009	11:40	Half Cabin	Commercial	2	Travel	Leave	North	> 20
11/01/2009	11:46	Half Cabin	Recreational	3	Travel	Enter	West	> 20
11/01/2009	11:47	Fishing Boat	Commercial	> 5	Fishing	Leave	South	Displacement
11/01/2009	11:48	Half Cabin	Recreational	2	Travel	Enter	West	> 20
11/01/2009	11:49	Half Cabin	Recreational	2	Travel	Leave	North	Displacement
11/01/2009	12:00	Half Cabin	Recreational	2	Fishing	Leave	East	Displacement
11/01/2009	12:14	Tinny	Recreational	3	Travel	Enter	West	Planing
11/01/2009	12:30	Tinny	Recreational	1	Travel	Leave	North	Displacement
11/01/2009	12:43	Tinny	Recreational	4	Travel	Leave	East	Planing
11/01/2009	12:43	Half Cabin	Recreational	2	Travel	Leave	East	Planing
11/01/2009	12:44	Half Cabin	Recreational	3	Fishing	Leave	North	> 20
11/01/2009	12:51	Half Cabin	Recreational	3	Travel	-	East	Planing
11/01/2009	13:02	Line Boat	Commercial	2	Travel	Leave	South	Displacement
11/01/2009	13:31	Tinny	Recreational	2	Travel	Enter	West	> 20
11/01/2009	13:43	Tinny	Commercial	1	Travel	Leave	North	Planing
11/01/2009	13:46	Half Cabin	Recreational	2	Travel	Enter	West	> 20
11/01/2009	13:49	Tinny	Recreational	2	Fishing	Enter	West	Planing
11/01/2009	14:01	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
11/01/2009	14:03	Tinny	Recreational	2	Travel	Enter	South	Planing
11/01/2009	14:12	Half Cabin	Recreational	1	Travel	Leave	East	> 20



11/01/2009	14:13	Line Boat	Commercial	2	Travel	Enter	North	Planing
11/01/2009	14:19	Tug	Commercial	-	Travel	Enter	North	Displacement
11/01/2009	14:20	Tug	Commercial	-	Travel	-	North	Displacement
11/01/2009	14:23	Barge	Commercial	5	Travel	Enter	West	Displacement
11/01/2009	14:34	Half Cabin	Recreational	4	Fishing	Enter	West	> 20
11/01/2009	14:34	Half Cabin	Recreational	3	Fishing	Enter	West	> 20
11/01/2009	14:39	Barge	Commercial	> 5	Travel	Leave	East	Displacement
11/01/2009	14:48	Tanker	Commercial	-	Travel	-	North	Displacement
11/01/2009	15:06	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
11/01/2009	15:06	Half Cabin	Commercial	3	Travel	Enter	West	> 20
11/01/2009	15:06	Tinny	Recreational	2	Fishing	Enter	West	Planing
11/01/2009	15:08	Half Cabin	Recreational	3	Fishing	Enter	West	> 20
11/01/2009	15:10	Half Cabin	Recreational	2	Travel	Leave	East	
11/01/2009	15:15	Cruiser	Commercial	-	Travel	Enter	North	Planing
11/01/2009	15:18	Half Cabin	Recreational	3	Fishing	Enter	West	> 20
11/01/2009	15:23	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
11/01/2009	15:40	Half Cabin	Recreational	2	Travel	Leave	East	Planing
11/01/2009	15:43	Half Cabin	Recreational	1	Travel	Enter	West	Planing
11/01/2009	15:45	Half Cabin	Recreational	3	Fishing	Enter	West	Displacement
11/01/2009	15:55	Tug	Commercial	> 3	Travel	-	South	Displacement
11/01/2009	15:58	Tanker	Commercial	-	Travel	-	South	Displacement
11/01/2009	15:58	Tinny	Recreational	1	Travel	Enter	West	Planing
11/01/2009	16:23	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
11/01/2009	16:24	Half Cabin	Recreational	1	Travel	Enter	West	> 20
11/01/2009	16:28	Pilot Boat	Commercial	> 3	Travel	Leave	South	Planing

11/01/2009	16:29	Half Cabin	Recreational	4	Fishing	Enter	West	> 20
11/01/2009	16:30	Tug	Commercial	> 3	Travel	-	North	Displacement
11/01/2009	16:30	Tug	Commercial	> 3	Travel	-	North	Displacement
11/01/2009	16:30	Tug	Commercial	> 3	Travel	-	North	Displacement
11/01/2009	16:34	Barge	Commercial	> 5	Travel	Enter	West	Displacement
11/01/2009	16:37	Half Cabin	Recreational	4	Fishing	Leave	West	> 20
11/01/2009	16:38	Half Cabin	Recreational		Travel	-	North	> 20
11/01/2009	16:39	Tinny	Recreational	1	Fishing	Enter	West	Planing
11/01/2009	16:40	Half Cabin	Commercial	2	Travel	Enter	North	> 20
11/01/2009	16:42	Half Cabin	Recreational	1	Travel	Enter	West	> 20
11/01/2009	16:43	Tinny		2	Fishing	Enter	South	Planing
11/01/2009	16:44	Half Cabin	Recreational	2	Travel	-	South	> 20
11/01/2009	17:00	Half Cabin		3	Travel	Enter	North	Planing
11/01/2009	17:00	Cruiser		2	Travel	Enter	North	Planing
11/01/2009	17:02	Trawler	Commercial	> 3	Travel	Leave	South	Displacement
11/01/2009	17:03	Tug	Commercial	> 3	Travel	-	South	Displacement
11/01/2009	17:03	Tug	Commercial	> 3	Travel	-	South	Displacement
11/01/2009	17:03	Tug	Commercial	> 3	Travel	-	South	Displacement
11/01/2009	17:03	Tanker	Commercial	-	Travel	-	South	Displacement
11/01/2009	17:08	Tinny	Recreational	1	Travel	Leave	North	Displacement
11/01/2009	17:13	Trawler	Commercial	> 3	Travel	Leave	South	Displacement
11/01/2009	17:25	Tinny	Recreational	1	Travel	Enter	West	Planing
11/01/2009	17:34	Half Cabin	Recreational	3	Travel	Leave	East	Planing
11/01/2009	17:35	Tinny	Recreational	2	Fishing	Enter	West	> 20
11/01/2009	17:47	Half Cabin	Recreational	2	Travel	Leave	South	> 20

11/01/2009	17:49	Trawler	Commercial	> 3	Travel	Enter	North	Planing
11/01/2009	17:55	Cruiser	Commercial	> 3	Travel	Enter	South	Planing
11/07/2009	06:00	Half Cabin	Recreational	2	Travel	Leave	North	Displacement
11/07/2009	06:10	Barge	Commercial	4	Travel	Leave	North	Displacement
11/07/2009	06:15	Tinny	Recreational	1	Fishing	Leave	East	Planing
11/07/2009	06:20	Paddle Ski	Recreational	1	Travel	Leave	North	-
11/07/2009	06:30	Half Cabin	Recreational	2	Travel	Leave	East	Planing
11/07/2009	06:30	Sail	Recreational	-	Anchored	-	-	Anchored
11/07/2009	06:40	Barge	Commercial	4	Travel	Leave	East	Displacement
11/07/2009	06:44	Half Cabin	Commercial	4	Crabbing/Fishing	Enter	West	Displacement
11/07/2009	07:00	Tinny	Recreational	2	Fishing	Leave	East	Displacement
11/07/2009	07:05	Tinny	Recreational	1	Fishing	Leave	East	Displacement
11/07/2009	07:15	Paddle Ski	Recreational	1	Travel	Enter	West	-
11/07/2009	07:15	Tanker	Commercial	> 4	Travel	-	North	Displacement
11/07/2009	07:25	Tinny	Recreational	2	Fishing	Leave	East	Planing
11/07/2009	07:30	Barge	Commercial	6	Transport	Leave	East	Displacement
11/07/2009	07:30	Half Cabin	Recreational	3	Travel	Enter	West	> 20
11/07/2009	07:32	Half Cabin	Commercial	> 6	Research	Leave	South	Displacement
11/07/2009	07:34	Tinny	Recreational	1	Fishing	Leave	North	Planing
11/07/2009	07:55	Tanker	Commercial	> 6	Travel	-	South	Displacement
11/07/2009	08:09	Half Cabin	Commercial	4	Crabbing/Fishing	Leave	South	Displacement
11/07/2009	08:15	Barge	Commercial	> 60	Transport	Leave	East	Displacement
11/07/2009	08:15	Tinny	Recreational	1	Fishing	Leave	North	Planing
11/07/2009	08:16	Half Cabin	Recreational	3	Travel	Leave	North	Planing
11/07/2009	08:17	Pilot Boat	Commercial	3	Travel	Leave		Displacement

11/07/2009	08:20	Half Cabin	Recreational	1	Fishing	Leave	East	Planing
11/07/2009	08:50	Half Cabin	Recreational	4	Travel	Leave	East	Planing
11/07/2009	09:04	Half Cabin	Commercial	> 6	Research	Enter	South	> 20
11/07/2009	09:07	Tinny	Recreational	2	Fishing	Leave	East	Planing
11/07/2009	09:10	Tinny	Recreational	2	Travel	Enter	East	Planing
11/07/2009	09:13	Tinny	Recreational	3	Travel	Leave	North	Planing
11/07/2009	09:30	Tanker	Commercial	-	Transport	-	North	Displacement
11/07/2009	09:30	Tug	Commercial	3	Transport	-	North	Displacement
11/07/2009	09:30	Tug	Commercial	3	Transport	-	North	Displacement
11/07/2009	09:32	Half Cabin	Recreational	4	Fishing	Leave	South	Planing
11/07/2009	09:33	Tinny	Recreational	1	Crabbing/Fishing	Leave	North	Planing
11/07/2009	09:34	Tinny	Recreational	2	Fishing	Leave	East	Planing
11/07/2009	09:40	Trawler	Commercial	4	Crabbing/Fishing	Enter	West	Displacement
11/07/2009	09:40	Half Cabin	Recreational	2	Travel	Leave	North	> 20
11/07/2009	09:45	Trawler	Commercial	4	Fishing	Enter	West	Displacement
11/07/2009	09:47	Half Cabin	Recreational	2	Travel	Leave		Planing
11/07/2009	09:50	Tinny	Recreational	2	Fishing	Leave	North	Planing
11/07/2009	09:51	Pilot Boat	Commercial	2	Transport	Leave	North	Displacement
11/07/2009	09:51	Pilot Boat	Commercial	2	Transport	Leave	North	Displacement
11/07/2009	09:55	Tinny	Recreational	1	Fishing	Enter	West	Displacement
11/07/2009	09:56	Tinny	Recreational	2	Fishing	Enter	West	Displacement
11/07/2009	10:00	Half Cabin	Recreational	2	Travel	Enter	West	> 20
11/07/2009	10:02	Pilot Boat	Commercial	3	Travel	Enter	West	Planing
11/07/2009	10:10	Tinny	Recreational	1	Fishing	Enter	West	Planing
11/07/2009	10:15	Barge	Commercial	> 10	Transport	Enter	West	Displacement

11/07/2009	10:17	Tinny	Recreational	2	Travel	Enter	West	Planing
11/07/2009	10:20	Pilot Boat	Commercial	2	Transport	Enter	West	Displacement
11/07/2009	10:20	Half Cabin	Recreational	2	Travel	Leave	South	> 20
11/07/2009	10:25	Pilot Boat	Commercial	2	Transport	Enter	West	Displacement
11/07/2009	10:30	Tug	Commercial	3	Transport	-	South	Displacement
11/07/2009	10:30	Tug	Commercial	3	Transport	-	South	Displacement
11/07/2009	10:50	Tanker	Commercial	> 6	Transport	-	North	Displacement
11/07/2009	10:50	Tug	Commercial	3	Transport	-	North	Displacement
11/07/2009	10:50	Tug	Commercial	3	Transport	-	North	Displacement
11/07/2009	11:05	Cruiser	Recreational	2	Travel	Leave	North	Displacement
11/07/2009	11:06	Tinny	Recreational	3	Fishing	Leave	North	Displacement
11/07/2009	11:12	Pilot Boat	Commercial	2	Transport	Leave	North	Displacement
11/07/2009	11:13	Pilot Boat	Commercial	2	Transport	Leave	North	Displacement
11/07/2009	11:16	Jetski	Recreational	2	Travel	Leave	East	> 20
11/07/2009	11:19	Tinny	Recreational	2	Fishing	Enter	West	Planing
11/07/2009	11:20	Cruiser	Commercial	> 15	Transport	Leave	East	Planing
11/07/2009	11:21	Tinny	Recreational	2	Fishing	Leave	East	Planing
11/07/2009	11:32	Barge	Commercial	3	Transport	-	North	Displacement
11/07/2009	11:40	Tanker	Commercial	3	Transport	-	North	Displacement
11/07/2009	11:44	Tinny	Recreational	4	Fishing	Leave	East	Planing
11/07/2009	11:45	Pilot Boat	Commercial	2	Transport	Enter	West	-
11/07/2009	11:45	Half Cabin	Recreational	4	Travel	Leave	East	Planing
11/07/2009	11:50	Tanker	Commercial	> 3	Transport	-	South	Displacement
11/07/2009	11:52	Barge	Commercial	> 10	Transport	Leave	North	Displacement
11/07/2009	11:54	Half Cabin	Recreational	2	Travel	Leave	North	Planing

11/07/2009	11:55	Tinny	Recreational	2	Travel	Leave	East	Planing
11/07/2009	11:55	Pilot Boat	Commercial	1	Transport	-	South	Displacement
11/07/2009	11:58	Tug	Commercial	3	Transport	-	South	Displacement
11/07/2009	12:02	Cruiser	Commercial	> 10	Travel	Enter	West	Displacement
11/07/2009	12:02	Barge	Commercial	> 10	Transport	Enter	West	Displacement
11/07/2009	12:02	Tug	Commercial	3	Transport	-	South	Displacement
11/07/2009	12:06	Pilot Boat	Commercial	2	Travel	Leave	South	Planing
11/07/2009	12:10	Tinny	Recreational	2	Travel	Enter	West	> 20
11/07/2009	12:10	Half Cabin	Recreational	4	Travel	Leave	East	Planing
11/07/2009	12:11	Half Cabin	Recreational	2	Fishing	Enter	West	Planing
11/07/2009	12:14	Cruiser	Recreational	2	Travel	Leave	South	Planing
11/07/2009	12:20	Tanker	Commercial	> 3	Transport	-	North	Displacement
11/07/2009	12:25	Tinny	Recreational	2	Fishing	Leave	East	Planing
11/07/2009	12:26	Trawler	Commercial	4	Crabbing/Fishing	Leave	North	Displacement
11/07/2009	12:32	Half Cabin	Recreational	2	Travel	Enter	West	> 20
11/07/2009	12:25	Tanker	Commercial	> 3	Transport	-	South	Displacement
11/07/2009	12:37	Sail	Recreational	2	Travel	Enter	West	Displacement
11/07/2009	12:40	Tinny	Commercial	2	Dredge Monitoring	Leave	North	Planing
11/07/2009	12:40	Sail	Recreational	2	Travel	Leave	East	Displacement
11/07/2009	12:41	Tinny	Recreational	2	Travel	Enter	South	Planing
11/07/2009	12:42	Sail	Recreational	4	Travel	Leave	East	Displacement
11/07/2009	12:42	Half Cabin	Recreational	3	Travel	Leave	South	Planing
11/07/2009	12:44	Half Cabin	Recreational	2	Travel	-	North	> 20
11/07/2009	12:45	Jetski	Recreational	2	Travel	Leave	North	> 20
11/07/2009	12:45	Jetski	Recreational	1	Travel	Leave	North	> 20

11/07/2009	12:46	Sail	Recreational	4	Travel	Leave	All	Displacement
11/07/2009	12:47	Half Cabin	Recreational	2	Travel	Enter	West	Displacement
11/07/2009	12:48	Cruiser	Recreational	2	Travel	-	South	> 20
11/07/2009	12:48	Tinny	Recreational	2	Fishing	Enter	West	Planing
11/07/2009	12:50	Sail	Recreational	3	Travel	Leave	All	Displacement
11/07/2009	12:50	Jetski	Recreational	2	Travel	Enter	West	> 20
11/07/2009	12:50	Tinny	Commercial	1	Travel	Leave	-	Displacement
11/07/2009	12:55	Sail	Recreational	5	Travel	Leave	All	Displacement
11/07/2009	12:55	Sail	Recreational	4	Travel	Leave	All	Displacement
11/07/2009	12:55	Sail	Recreational	1	Travel	Leave	All	Displacement
11/07/2009	12:55	Sail	Recreational	2	Travel	Leave	All	Displacement
11/07/2009	13:00	Sail	Recreational	1	Travel	Leave	All	Displacement
11/07/2009	13:00	Sail	Recreational	1	Travel	Leave	All	Displacement
11/07/2009	13:04	Cruiser	Recreational	2	Travel	-	All	> 20
11/07/2009	13:05	Half Cabin	Commercial	2	Travel	Leave	East	Displacement
11/07/2009	13:10	Tinny	Recreational	2	Fishing	Enter	West	Planing
11/07/2009	13:15	Jetski	Recreational	2	Travel	Leave	South	> 20
11/07/2009	13:16	Tinny	Recreational	1	Travel	Enter	West	> 20
11/07/2009	13:17	Tug	Commercial	3	Transport	Enter	West	Displacement
11/07/2009	13:18	Tinny	Recreational	2	Travel	Enter	South	Planing
11/07/2009	13:21	Trawler	Commercial	> 3	Fishing	Leave	North	Displacement
11/07/2009	13:24	Half Cabin	Recreational	2	Travel	Enter	West	Planing
11/07/2009	13:27	Tanker	Commercial	> 3	Travel	-	Both North and South	Displacement
11/07/2009	13:31	Half Cabin	Recreational	2	Travel	Enter	West	Planing
11/07/2009	13:33	Tinny	Recreational	2	Travel	Enter	West	Planing

11/07/2009	13:35	Trawler	Commercial	> 3	Fishing	-	Both South and East	Displacement
11/07/2009	13:36	Tinny	Commercial	1	Crabbing/Fishing	Enter	South	Planing
11/07/2009	13:37	Cruiser	Commercial	> 2	Travel	-	South	Displacement
11/07/2009	13:39	Sail	Recreational	1	Travel	-	Both North and South	Displacement
11/07/2009	13:39	Sail	Recreational	1	Travel	-	Both North and South	Displacement
11/07/2009	13:40	Jetski	Recreational	1	Travel	Enter	South	Planing
11/07/2009	13:40	Jetski	Recreational	1	Travel	Enter	South	Planing
11/07/2009	13:42	Cruiser	Commercial	> 2	Travel	Enter	North	Displacement
11/07/2009	13:43	Cruiser	Recreational	> 1	Travel	Enter	South	Planing
11/07/2009	13:44	Tinny	Commercial	2	Research	Enter	South	Planing
11/07/2009	13:47	Tinny	Commercial	1	Travel	Leave	North	Displacement
11/07/2009	13:51	Pilot Boat	Commercial	2	Travel	Enter	North	Displacement
11/07/2009	13:53	Tinny	Recreational	2	Fishing	Enter	South	Planing
11/07/2009	13:56	Cruiser	Commercial	> 10	Fishing	Leave	Both East and North	Displacement
11/07/2009	14:05	Sail	Recreational	4	Travel	Enter	South	Displacement
11/07/2009	14:08	Tinny	Recreational	2	Travel	Enter	South	Planing
11/07/2009	14:09	Sail	Recreational	2	Travel	Enter	South	Displacement
11/07/2009	14:09	Jetski	Recreational	1	Travel	Enter	South	Displacement
11/07/2009	14:09	Jetski	Recreational	1	Travel	Enter	South	Displacement
11/07/2009	14:09	Jetski	Recreational	1	Travel	Enter	South	Displacement
11/07/2009	14:09	Jetski	Recreational	1	Travel	Enter	South	Displacement
11/07/2009	14:12	Sail	Recreational	4	Travel	Enter	North	Displacement
11/07/2009	14:13	Sail	Recreational	6	Travel	-	South	Displacement
11/07/2009	14:15	Tinny	Recreational	1	Fishing	Leave	East	Planing



11/07/2009	14:17	Tinny	Recreational	2	Travel	Enter	North	Planing
11/07/2009	14:17	Sail	Recreational	1	Travel	Enter	North	Displacement
11/07/2009	14:18	Sail	Recreational	2	Travel	Enter	North	Displacement
11/07/2009	14:21	Sail	Recreational	2	Travel	Leave	East	Displacement
11/07/2009	14:22	Sail	Recreational	4	Travel	Leave	South	Displacement
11/07/2009	14:24	Sail	Recreational	6	Travel	Enter	North	Displacement
11/07/2009	14:24	Sail	Recreational	4	Travel	Enter	North	Displacement
11/07/2009	14:24	Sail	Recreational	2	Travel	Enter	West	Displacement
11/07/2009	14:25	Tinny	Recreational	2	Travel	Leave	East	Planing
11/07/2009	14:25	Sail	Recreational	4	Travel	Enter	North	Displacement
11/07/2009	14:30	Half Cabin	Recreational	3	Travel	Enter	South	Planing
11/07/2009	14:30	Sail	Recreational	4	Travel	Leave	East	Displacement
11/07/2009	14:30	Sail	Recreational	3	Travel	Leave	East	Displacement
11/07/2009	14:30	Sail	Recreational	6	Travel	Leave	East	Displacement
11/07/2009	14:32	Sail	Recreational	2	Travel	Leave	East	Displacement
11/07/2009	14:35	Sail	Recreational	4	Travel	Enter	West	Displacement
11/07/2009	14:40	Barge	Commercial	8	Transport	Leave	East	Displacement
11/07/2009	14:41	Sail	Recreational	4	Travel	Enter	North	Displacement
11/07/2009	14:50	Half Cabin	Recreational	3	Travel	Enter	West	Displacement
11/07/2009	14:50	Sail	Recreational	1	Travel	Enter	West	Displacement
11/07/2009	14:55	Tanker	Commercial	?	Transport	-	North	Displacement
11/07/2009	14:55	Tinny	Recreational	1	Travel	Leave	South	Planing
11/07/2009	14:55	Tug	Commercial	3	Transport	-	North	Displacement
11/07/2009	14:55	Tug	Commercial	3	Transport	-	North	Displacement
11/07/2009	15:00	Line Boat	Commercial	2	Transport	Leave	South	Displacement

11/07/2009	15:01	Jetski	Recreational	1	Travel	-	-	> 20
11/07/2009	15:01	Line Boat	Commercial	2	Transport	Leave	South	Displacement
11/07/2009	15:02	Half Cabin	Recreational	2	Travel	Enter	North	> 20
11/07/2009	15:04	Jetski	Recreational	1	Travel	Leave	East	> 20
11/07/2009	15:04	Jetski	Recreational	1	Travel	Leave	East	> 20
11/07/2009	15:05	Half Cabin	Recreational	5	Travel	Enter	West	Planing
11/07/2009	15:07	Jetski	Recreational	1	Travel	Leave	East	Planing
11/07/2009	15:15	Jetski	Recreational	1	Travel	Enter	East	Planing
11/07/2009	15:15	Tinny	Recreational	1	Travel	Enter	East	Displacement
11/07/2009	15:16	Sail	Recreational	4	Travel	Enter	East	Displacement
11/07/2009	15:16	Sail	Recreational	2	Travel	Enter	East	Displacement
11/07/2009	15:18	Sail	Recreational	2	Travel	Enter	East	Displacement
11/07/2009	15:20	Supply Boat	Commercial	> 4	Transport	-	South	Displacement
11/07/2009	15:35	Cruiser	Recreational	2	Travel	Leave	North	Planing
11/07/2009	15:45	Cruiser	Commercial	> 15	Transport	Enter	East	Displacement
11/07/2009	15:55	Tinny	Recreational	1	Fishing	Enter	West	Planing
11/07/2009	15:56	Line Boat	Commercial	2	Transport	Enter	North	Displacement
11/07/2009	16:00	Tinny	Recreational	2	Travel	Enter	West	Planing
11/07/2009	16:10	Tinny	Recreational	2	Fishing	Enter	West	> 20
11/07/2009	16:11	Tinny	Recreational	3	Fishing	Enter	West	> 20
11/07/2009	16:12	Half Cabin	Recreational	2	Travel	Enter	West	Planing
11/07/2009	16:30	Trawler	Commercial	5	Crabbing/Fishing	Enter	North	Displacement
11/07/2009	16:39	Tinny	Recreational	3	Fishing	Enter	West	Displacement
11/07/2009	16:42	Cruiser	Commercial	> 10	Fishing	Leave	East	Displacement
11/07/2009	16:50	Tinny	Recreational	2	Fishing	Enter	West	Planing

11/07/2009	17:00	Barge	Commercial	> 10	Transport	Enter	West	Displacement
11/07/2009	17:05	Cruiser	Commercial	> 10	Travel/Fishing	Leave	South	Displacement
11/07/2009	17:20	Cruiser	Commercial	> 10	Travel/Fishing	Leave	South	Displacement
11/07/2009	17:21	Half Cabin	Recreational	3	Travel	Leave	North	Planing
11/07/2009	17:50	Supply Boat	Commercial	> 4	Transport	Enter	West	Displacement
11/07/2009	17:55	Tinny	Recreational	1	Fishing	Enter	West	Planing
11/07/2009	18:00	Tinny	Recreational	2	Travel	Leave	East	> 20
11/07/2009	18:02	Tinny	Recreational	3	Travel	Enter	West	Planing
11/08/2009	05:55	Half Cabin	Recreational	3	Travel	Leave	North	> 20
11/08/2009	05:55	Sail	Recreational	-	Anchored	-	-	Anchored
11/08/2009	06:10	Supply Boat	Commercial	4	Transport	Leave	North	Displacement
11/08/2009	06:30	Tinny	Recreational	1	Fishing	Leave	North	Planing
11/08/2009	06:40	Tinny	Recreational	1	Travel	Enter	West	Planing
11/08/2009	07:00	Half Cabin	Recreational	4	Travel	Leave	North	Displacement
11/08/2009	07:10	Tinny	Recreational	1	Travel	Enter	West	Planing
11/08/2009	07:15	Tinny	Recreational	2	Fishing	Leave	North	Displacement
11/08/2009	07:17	Tinny		2	Travel	Leave	North	Displacement
11/08/2009	07:30	Tinny		2	Travel	Enter	South	Displacement
11/08/2009	07:30	Tinny	Recreational	3	Crabbing/Fishing	Leave	East	Planing
11/08/2009	08:05	Sail	Recreational	3	Travel	Leave	East	Displacement
11/08/2009	08:10	Sail	Recreational	3	Travel	Enter	West	Displacement
11/08/2009	08:15	Barge	Commercial	> 10	Transport	Leave	East	Displacement
11/08/2009	08:20	Half Cabin	Recreational	2	Travel	Leave	North	> 20
11/08/2009	08:22	Tinny	Recreational	2	Fishing	Leave	East	> 20
11/08/2009	08:35	Trawler	Commercial	> 4	Crabbing/Fishing	Enter	North	Displacement

11/08/2009	08:40	Tanker	Commercial	> 18	Transport	-	North	Displacement
11/08/2009	08:40	Tug	Commercial	> 3	Transport	-	North	Displacement
11/08/2009	08:40	Tug	Commercial	> 3	Transport	-	North	Displacement
11/08/2009	08:43	Trawler	Commercial	> 4	Fishing	Leave	-	Displacement
11/08/2009	08:50	Half Cabin	Recreational	5	Travel	Leave	East	Planing
11/08/2009	08:59	Tinny	Recreational	2	Travel	Leave	North	Planing
11/08/2009	09:01	Half Cabin	Recreational	2	Travel	Leave	North	Planing
11/08/2009	09:02	Sail	Recreational	5	Travel	Leave	North	Displacement
11/08/2009	09:02	Sail	Recreational	2	Travel	Leave	North	Displacement
11/08/2009	09:03	Cruiser	Recreational	2	Travel	Leave	North	Displacement
11/08/2009	09:03	Cruiser	Recreational	2	Travel	Leave	North	Displacement
11/08/2009	09:05	Sail	Recreational	4	Travel	Leave	North	Displacement
11/08/2009	09:05	Cruiser	Recreational	5	Travel	Leave	North	Displacement
11/08/2009	09:05	Tanker	Commercial	> 18	Transport	Leave	South	Displacement
11/08/2009	09:05	Tug	Commercial	> 3	Transport	Leave	South	Displacement
11/08/2009	09:06	Tinny	Recreational	3	Fishing	Enter	South	Planing
11/08/2009	09:10	Half Cabin	Recreational	2	Travel	Leave		Displacement
11/08/2009	09:12	Half Cabin	Commercial	4	Rescue	Leave	North	Displacement
11/08/2009	09:13	Trawler	Commercial	> 4	Fishing	Leave	South	Displacement
11/08/2009	09:14	Half Cabin	Recreational	3	Travel	Leave	North	Displacement
11/08/2009	09:15	Half Cabin	Recreational	3	Travel	Leave	North	Displacement
11/08/2009	09:16	Sail	Recreational	3	Travel	Enter	South	Displacement
11/08/2009	09:18	Half Cabin	Recreational	3	Travel	Enter	South	Displacement
11/08/2009	09:23	Half Cabin	Recreational	4	Travel	Leave	North	Displacement
11/08/2009	09:25	Tinny	Recreational	2	Travel	Leave	North	Displacement

11/08/2009	09:26	Tinny	Commercial	2	Rescue	Leave	North	Displacement
11/08/2009	09:26	Half Cabin	Recreational	2	Travel	Leave	North	Displacement
11/08/2009	09:27	Cruiser	Recreational	3	Travel	Leave	North	Displacement
11/08/2009	09:29	Cruiser	Recreational	2	Fishing	Leave	North	Planing
11/08/2009	09:30	Kayak	Recreational	1	Travel	Enter	North	
11/08/2009	09:31	Kayak	Recreational	1	Travel	Enter	North	
11/08/2009	09:32	Kayak	Recreational	1	Travel	Enter	North	
11/08/2009	09:32	Kayak	Recreational	1	Travel	Enter	North	
11/08/2009	09:32	Kayak	Recreational	1	Travel	Enter	North	
11/08/2009	09:33	Tinny	Recreational	2	Travel	Enter	West	Planing
11/08/2009	09:34	Sail	Recreational	4	Travel	Leave	East	Displacement
11/08/2009	09:35	Half Cabin	Recreational	2	Travel	Leave	North	Planing
11/08/2009	09:35	Trawler	Commercial	> 4	Fishing	Enter	South	Planing
11/08/2009	09:38	Kayak	Recreational	1	Travel	Enter	West	
11/08/2009	09:43	Tinny	Recreational	4	Fishing	Enter	West	> 20
11/08/2009	09:44	Half Cabin	Recreational	5	Fishing	Leave	East	Displacement
11/08/2009	09:45	Half Cabin	Recreational	3	Travel	Leave	East	> 20
11/08/2009	09:45	Tinny	Commercial	3	Rescue	Leave	North	Displacement
11/08/2009	09:46	Tinny	Recreational	6	Travel	Leave	North	Displacement
11/08/2009	09:52	Sail	Recreational	3	Travel	Leave	North	Displacement
11/08/2009	09:52	Pilot Boat	Commercial	3	Transport	Leave	South	Displacement
11/08/2009	09:53	Half Cabin	Recreational	2	Fishing	Leave	North	> 20
11/08/2009	09:54	Half Cabin	Recreational	4	Travel	Leave	North	Displacement
11/08/2009	10:05	Tinny	Recreational	2	Travel	Leave	North	Planing
11/08/2009	10:05	Half Cabin	Recreational	2	Travel	Leave	North	> 20

11/08/2009	10:06	Half Cabin	Recreational	2	Travel	Leave	North	Displacement
11/08/2009	10:08	Cruiser	Recreational	7	Travel	Leave	North	
11/08/2009	10:10	Barge	Commercial	> 12	Transport	Enter	West	Displacement
11/08/2009	10:20	Tinny	Recreational	2	Fishing	Leave	North	Planing
11/08/2009	10:22	Tinny	Recreational	3	Travel	Enter	West	Planing
11/08/2009	10:30	Tinny	Recreational	1	Fishing	Enter	West	> 20
11/08/2009	10:32	Trawler	Commercial	> 5	Crabbing/Fishing	Leave	South	Displacement
11/08/2009	10:45	Tinny	Recreational	2	Fishing	Enter	South	Planing
11/08/2009	10:47	Sail	Recreational	4	Travel	Leave	North	Displacement
11/08/2009	11:00	Cruiser	Commercial	20	Transport	Leave	East	Displacement
11/08/2009	11:02	Tug	Commercial	4	Transport	Enter	South	Displacement
11/08/2009	11:15	Trawler	Commercial	5	Fishing	Leave	North	Displacement
11/08/2009	11:16	Half Cabin	Recreational	3	Travel	Leave	East	Planing
11/08/2009	11:25	Line Boat	Commercial	2	Transport	Leave	South	Displacement
11/08/2009	11:25	Jetski	Recreational	2	Travel	Leave	-	> 20
11/08/2009	11:40	Half Cabin	Recreational	3	Travel	Leave	North	> 20
11/08/2009	11:40	Cruiser		8	Travel	Enter	East	Displacement
11/08/2009	11:42	Half Cabin	Recreational	3	Fishing	Enter	East	Planing
11/08/2009	11:44	Tug	Commercial	> 3	Travel	Leave	East	Displacement
11/08/2009	11:45	Tug	Commercial	> 3	Travel	Leave	East	Displacement
11/08/2009	11:50	Pilot Boat	Commercial	2	Transport	Enter	North	> 20
11/08/2009	11:55	Tug	Commercial	2	Transport	Leave	East	Displacement
11/08/2009	11:57	Trawler	Commercial	5	Fishing	Leave	South	Displacement
11/08/2009	12:00	Half Cabin	Recreational	2	Fishing	Enter	West	> 20
11/08/2009	12:10	Barge	Commercial	-	Transport	-	North	Displacement

11/08/2009	12:10	Tug	Commercial	-	Transport	-	North	Displacement
11/08/2009	12:10	Tug	Commercial	-	Transport	-	North	Displacement
11/08/2009	12:20	Jetski	Recreational	2	Travel	Enter	West	Planing
11/08/2009	12:20	Tinny	Recreational	2	Travel	Leave	South	Planing
11/08/2009	12:25	Line Boat	Commercial	2	Transport	Leave	South	Displacement
11/08/2009	12:25	Line Boat	Commercial	2	Transport	Leave	South	Displacement
11/08/2009	12:30	Tug	Commercial	3	Transport	-	North	Displacement
11/08/2009	12:30	Tug	Commercial	3	Transport	-	North	Displacement
11/08/2009	12:32	Tinny	Recreational	1	Fishing	Enter	West	Planing
11/08/2009	12:34	Sail	Recreational	3	Travel	Enter	South	Displacement
11/08/2009	12:36	Tanker	Commercial	20	Transport	-	North	Displacement
11/08/2009	12:36	Tug	Commercial	3	Transport	-	North	Displacement
11/08/2009	12:36	Tug	Commercial	3	Transport	-	North	Displacement
11/08/2009	12:53	Half Cabin	Recreational	2	Travel	Leave	East	Planing
11/08/2009	13:17	Trawler	Commercial	3	Fishing	Enter	North	Displacement
11/08/2009	13:19	Half Cabin	Recreational	5	Travel	Enter	South	Planing
11/08/2009	13:22	Tug	Commercial	3	Transport	-	South	Displacement
11/08/2009	13:23	Tug	Commercial	3	Transport	-	South	Displacement
11/08/2009	13:24	Line Boat	Commercial	2	Transport	Enter	North	Displacement
11/08/2009	13:28	Tanker	Commercial	20	Transport	-	South	Displacement
11/08/2009	13:29	Tinny	Recreational	4	Travel	Enter	South	Planing
11/08/2009	13:29	Tinny	Recreational	2	Travel	Enter	South	Planing
11/08/2009	13:33	Pilot Boat	Commercial	3	Transport	Leave	South	Displacement
11/08/2009	13:33	Tinny	Recreational	1	Transport	Enter	West	Planing
11/08/2009	13:34	Line Boat	Commercial	2	Transport	Enter	North	Displacement

11/08/2009	13:34	Half Cabin	Recreational	> 4	Travel	Leave	South	Planing
11/08/2009	13:34	Half Cabin	Commercial	3	Research	Enter	North	Planing
11/08/2009	13:35	Half Cabin	Recreational	1	Travel	Enter	West	Planing
11/08/2009	13:36	Tinny	Commercial	2	Dredge Monitoring	Leave	North	Planing
11/08/2009	13:37	Half Cabin	Recreational	4	Travel	Enter	South	Planing
11/08/2009	13:42	Jetski	Recreational	2	Travel	Leave	East	Planing
11/08/2009	13:44	Tinny	Recreational	2	Fishing	Enter	West	> 20
11/08/2009	13:45	Jetski	Recreational	2	Travel	-	North	> 20
11/08/2009	13:46	Tinny	Recreational	2	Travel	Leave	North	Planing
11/08/2009	13:41	Tinny	Recreational	2	Travel	Enter	South	Planing
11/08/2009	13:51	Half Cabin	Recreational	2	Travel	Enter	West	> 20
11/08/2009	13:54	Half Cabin	Recreational	3	Fishing	Enter	West	> 20
11/08/2009	13:55	Cruiser	Recreational	3	Fishing	Enter	South	Planing
11/08/2009	13:55	Half Cabin	Recreational	3	Travel	Enter	South	Planing
11/08/2009	13:58	Half Cabin	Recreational	2	Travel	Enter	South	> 20
11/08/2009	14:01	Half Cabin	Commercial	2	Travel	Enter	South	Planing
11/08/2009	14:02	Half Cabin	Commercial	2	Travel	Enter	South	Planing
11/08/2009	14:05	Tinny	Recreational	2	Travel	Enter	South	> 20
11/08/2009	14:12	Half Cabin	Recreational	3	Travel	-	North	Displacement
11/08/2009	14:23	Half Cabin	Recreational	3	Travel	Enter	South	Displacement
11/08/2009	14:27	Half Cabin	Recreational	4	Travel	-	South	Planing
11/08/2009	14:28	Tinny	Recreational	3	Travel	Enter	South	Displacement
11/08/2009	14:29	Half Cabin	Recreational	4	Fishing	Enter		Planing
11/08/2009	14:31	Tanker	Commercial	> 15	Transport	Enter	West	Displacement
11/08/2009	14:37	Jetski	Recreational	2	Travel	Enter	South	> 20



11/08/2009	14:37	Barge	Commercial	> 15	Travel	Leave	East	Displacement
11/08/2009	14:38	Half Cabin	Recreational	2	Fishing	Enter	South	Displacement
11/08/2009	14:50	Sail	Recreational	> 2	Travel	Enter	South	Displacement
11/08/2009	14:55	Half Cabin	Recreational	5	Fishing	Enter	South	Planing
11/08/2009	14:55	Half Cabin	Recreational	2	Fishing	Enter	South	Displacement
11/08/2009	15:00	Sail	Recreational	3	Travel	Enter	South	Displacement
11/08/2009	15:02	Tinny	Commercial	2	Dredge Monitoring	Enter	South	> 20
11/08/2009	15:10	Tug	Commercial	3	Transport	Enter	South	Displacement
11/08/2009	15:10	Tug	Commercial	3	Transport	Enter	South	Displacement
11/08/2009	15:11	Sail	Recreational	3	Travel	Enter	South	Displacement
11/08/2009	15:20	Cruiser	Commercial	> 40	Transport	Enter	East	Displacement
11/08/2009	15:20	Line Boat	Commercial	2	Transport	Enter	South	Displacement
11/08/2009	15:20	Tinny	Commercial	1	Fishing	Enter	West	Planing
11/08/2009	15:21	Half Cabin	Recreational	2	Travel	Enter	South	Planing
11/08/2009	15:22	Cruiser	Recreational	6	Travel	Enter	South	Displacement
11/08/2009	15:24	Cruiser	Recreational	10	Travel	Enter	South	Displacement
11/08/2009	15:24	Tinny	Recreational	2	Fishing	Enter	South	Planing
11/08/2009	15:26	Cruiser	Recreational	4	Travel	Enter	South	Planing
11/08/2009	15:27	Half Cabin	Recreational	3	Travel	Enter	North	Planing
11/08/2009	15:28	Half Cabin	Recreational	2	Travel	Enter	South	Planing
11/08/2009	15:35	Cruiser	Recreational	1	Travel	Enter	South	Planing
11/08/2009	15:40	Tinny	Recreational	2	Travel	Enter	South	Planing
11/08/2009	15:40	Half Cabin	Recreational	2	Travel	Enter	South	Planing
11/08/2009	15:42	Half Cabin	Commercial	4	Travel	Enter	South	Planing
11/08/2009	15:55	Tinny	Recreational	1	Fishing	Enter	East	> 20

11/08/2009	16:00	Trawler	Commercial	6	Fishing	Enter	North	Displacement
11/08/2009	16:00	Tinny	Recreational	2	Fishing	Leave	East	Planing
11/08/2009	16:02	Cruiser	Recreational	6	Travel	Enter	South	Displacement
11/08/2009	16:04	Pilot Boat	Commercial	2	Travel	Enter	North	Planing
11/08/2009	16:15	Half Cabin	Commercial	2	Travel	Leave	South	Displacement
11/08/2009	16:15	Tinny	Recreational	2	Travel	Leave	East	Planing
11/08/2009	16:20	Sail	Recreational	4	Travel	Enter	South	Displacement
11/08/2009	16:40	Barge	Commercial	50	Transport	Enter	West	Displacement
11/08/2009	16:40	Tinny	Recreational	2	Travel	Enter	West	Planing
11/08/2009	16:44	Trawler	Commercial	5	Fishing	Enter	North	Displacement
11/08/2009	17:30	Cruiser	Recreational	2	Travel	Enter	South	Planing
11/08/2009	17:35	Tinny	Recreational	2	Fishing	Enter	East	Planing

## Appendix IV – Calliope River raw data

Date	Time	Boat type	Use (Commercial or Recreational)	POB	Activity	Boat Ramp (Enter or Leave)	Direction (North or South)	Speed
20/10/2009	06:00	Sail	Recreational	-	-	-	-	Anchored
20/10/2009	06:00	Sail	Recreational	-	-	-	-	Anchored
20/10/2009	06:00	Sail	Recreational	-	-	-	-	Anchored
20/10/2009	07:01	Tinny	Recreational	3	Fishing	Leave	North	Planing
20/10/2009	08:22	Tinny	Recreational	2	Fishing	-	North	> 20
20/10/2009	08:33	Half Cabin	Recreational	1	Fishing	-	North	Displacement
20/10/2009	08:34	Half Cabin	Recreational	4	Fishing	Leave	South	Planing
20/10/2009	08:57	Tinny	Recreational	3	Fishing	Leave	North	Planing
20/10/2009	09:14	Tinny	Recreational	3	Fishing	-	South	> 20
20/10/2009	09:27	Half Cabin	Recreational	2	Fishing	-	North	> 20
20/10/2009	09:38	Tinny	Recreational	4	Fishing	Enter	South	Planing
20/10/2009	09:39	Tinny	Recreational	1	Fishing	Leave	North	Planing
20/10/2009	10:02	Tinny	Recreational	2	Fishing	Leave	North	Planing
20/10/2009	10:03	Tinny	Recreational	3	Fishing	Leave	South	Planing
20/10/2009	10:05	Tinny	Recreational	3	Fishing	-	South	> 20
20/10/2009	10:39	Tinny	Recreational	1	Fishing	Enter	South	Planing
20/10/2009	11:44	Tinny	Recreational	2	Crabbing	Enter	South	> 20
20/10/2009	12:05	Half Cabin	Recreational	3	Fishing	-	North	> 20
20/10/2009	12:17	Tinny	Recreational	3	Fishing	Enter	North	Planing
20/10/2009	13:15	Tinny	Recreational	3	Fishing	Enter	North	Planing

20/10/2009	13:57	Tinny	Commercial	2	Research	Leave	North	Planing
20/10/2009	14:32	Tinny	Commercial	2	Research	-	South	Anchored
20/10/2009	15:42	Tinny	Commercial	2	Research	Enter	North	Displacement
20/10/2009	16:23	Tinny	Recreational	3	Fishing	Enter	South	> 20
20/10/2009	16:50	Tinny	Recreational	3	Fishing	Leave	South	Planing
20/10/2009	16:53	Tinny	Recreational	3	Fishing	Enter	South	> 20
21/10/2009	06:00	Sail	Recreational	-	-	-	-	Anchored
21/10/2009	06:00	Sail	Recreational	-	-	-	-	Anchored
21/10/2009	06:00	Sail	Recreational	-	-	-	-	Anchored
21/10/2009	06:23	Inflatable	Commercial	2	Surveyors	Leave	South	Anchored
21/10/2009	07:34	Tinny	Recreational	5	Fishing	Leave	South	Planing
21/10/2009	07:42	Tinny	Recreational	2	Crabbing	Leave	South	> 20
21/10/2009	08:00	Tinny	Recreational	2	Fishing	Enter	North	Planing
21/10/2009	09:55	Tinny	Recreational	2	Fishing	Leave	North	Planing
21/10/2009	10:00	Tinny	Recreational	1	Crabbing	Leave	North	> 20
21/10/2009	10:17	Tinny	Recreational	5	Fishing	Enter	North	Displacement
21/10/2009	10:18	Tinny	Recreational	4	Fishing	Leave	North	> 20
21/10/2009	10:29	Tinny	Recreational	1	Fishing	-	North	> 20
21/10/2009	10:48	Tinny	Recreational	1	Crabbing	Leave	North	> 20
21/10/2009	11:04	Tinny	Recreational	1	Crabbing	Enter	South	> 20
21/10/2009	11:13	Inflatable	Commercial	2	Surveyors	Enter	North	Planing
21/10/2009	11:26	Tinny	Recreational	2	Crabbing	Enter	South	> 20
21/10/2009	11:57	Tinny	Recreational	1	Crabbing	Enter	South	> 20
21/10/2009	12:14	Tinny	Recreational	1	Crabbing	Leave	North	> 20
21/10/2009	12:41	Tinny	Recreational	1	Crabbing	Enter	South	> 20

21/10/2009	13:00	Half Cabin	Commercial	-	Crabbing	-	South	Anchored
21/10/2009	15:25	Tinny	Recreational	2	Fishing	Leave	South	> 20
21/10/2009	15:55	Tinny	Recreational	3	Fishing	Leave	North	> 20
21/10/2009	16:11	Tinny	Recreational	5	Fishing	Leave	North	> 20
21/10/2009	16:13	Tinny	Recreational	4	Fishing	Leave	South	> 20
21/10/2009	16:37	Tinny	Recreational	2	Fishing	Enter	North	> 20
21/10/2009	17:59	Tinny	Recreational	3	Fishing	Enter	South	> 20
25/10/2009	06:00	Sail	Recreational	-	-	-	North	Anchored
25/10/2009	06:00	Sail	Recreational	-	-	-	North	Anchored
25/10/2009	06:00	Sail	Recreational	-	-	-	North	Anchored
25/10/2009	06:18	Tinny	Recreational	3	Crabbing	Leave	South	Displacement
25/10/2009	06:28	Tinny	Recreational	3	Fishing	Leave	South	Planing
25/10/2009	06:38	Tinny	Recreational	2	Crabbing	Leave	North	> 20
25/10/2009	06:40	Tinny	Recreational	3	Fishing	Leave	North	Displacement
25/10/2009	06:53	Tinny	Recreational	2	Fishing	-	South	> 20
25/10/2009	07:09	Tinny	Recreational	3	Fishing	-	North	> 20
25/10/2009	07:14	Tinny	Recreational	1	Fishing	Leave	North	Planing
25/10/2009	07:22	Tinny	Recreational	2	Fishing	-	South	> 20
25/10/2009	07:30	Tinny	Recreational	4	Fishing	Leave	North	> 20
25/10/2009	07:39	Tinny	Recreational	2	Fishing	Leave	North	Planing
25/10/2009	07:48	Half Cabin	Recreational	2	Fishing	Leave	North	> 20
25/10/2009	08:14	Tinny	Recreational	1	Fishing	-	South	> 20
25/10/2009	08:18	Tinny	Recreational	2	Fishing	Leave	South	Planing
25/10/2009	08:20	Tinny	Recreational	5	Fishing	Leave	North	Planing
25/10/2009	08:21	Tinny	Recreational	2	Fishing	-	North	Displacement

25/10/2009	08:39	Tinny	Recreational	2	Fishing	Enter	North	Displacement
25/10/2009	08:49	Tinny	Recreational	1	Fishing	Enter	North	Displacement
25/10/2009	08:50	Tinny	Recreational	3	Fishing	Leave	North	> 20
25/10/2009	09:03	Tinny	Recreational	2	Crabbing/Fishing	Leave	South	Planing
25/10/2009	09:09	Tinny	Recreational	2	Fishing	-	North	> 20
25/10/2009	09:09	Tinny	Recreational	3	Fishing	Leave	South	> 20
25/10/2009	09:25	Tinny	Recreational	1	Fishing	Leave	North	Planing
25/10/2009	09:35	Tinny	Recreational	2	Fishing	Leave	North	Planing
25/10/2009	09:36	Tinny	Recreational	3	Fishing	Leave	South	Planing
25/10/2009	09:39	Tinny	Recreational	3	Fishing	Enter	North	Displacement
25/10/2009	09:45	Tinny	Recreational	3	Fishing	Leave	South	Planing
25/10/2009	09:48	Tinny	Recreational	2	Fishing	-	North	> 20
25/10/2009	10:01	Tinny	Recreational	1	Fishing	Enter	South	> 20
25/10/2009	10:10	Tinny	Recreational	1	Fishing	Leave	North	> 20
25/10/2009	10:16	Tinny	Recreational	2	Fishing	Enter	North	Planing
25/10/2009	10:23	Tinny	Recreational	2	Fishing	Enter	South	> 20
25/10/2009	10:26	Tinny	Recreational	1	Fishing	Leave	North	Planing
25/10/2009	10:35	Tinny	Recreational	2	Fishing	Enter	South	> 20
25/10/2009	10:42	Tinny	Recreational	3	Fishing	Enter	South	Displacement
25/10/2009	10:52	Tinny	Recreational	3	Fishing	Enter	North	Planing
25/10/2009	10:54	Tinny	Commercial	2	Fishing	Leave	South	Planing
25/10/2009	10:55	Tinny	Recreational	1	Fishing	Leave	North	> 20
25/10/2009	10:56	Half Cabin	Recreational	4	Fishing	Enter	South	> 20
25/10/2009	11:02	Tinny	Recreational	1	Fishing	Enter	South	> 20
25/10/2009	11:09	Tinny	Commercial	2	Crabbing	-	South	> 20

25/10/2009	11:17	Tinny	Recreational	1	Fishing	Enter	South	Planing
25/10/2009	11:20	Tinny	Recreational	3	Fishing	Enter	North	Planing
25/10/2009	11:27	Tinny	Recreational	2	Crabbing/Fishing	Leave	North	Displacement
25/10/2009	11:28	Half Cabin	Recreational	2	Fishing	Enter	South	> 20
25/10/2009	11:37	Tinny	Commercial	2	Crabbing	-	North	> 20
25/10/2009	11:45	Tinny	Recreational	2	Fishing	Enter	South	> 20
25/10/2009	11:46	Tinny	Commercial	2	Crabbing	-	North	> 20
25/10/2009	12:00	Tinny	Recreational	2	Fishing	Leave	North	> 20
25/10/2009	12:01	Tinny	Recreational	1	Fishing	Enter	South	> 20
25/10/2009	12:02	Tinny	Recreational	1	Fishing	Leave	North	> 20
25/10/2009	12:05	Tinny	Recreational	5	Fishing	Enter	South	Displacement
25/10/2009	12:11	Tinny	Recreational	2	Fishing	-	South	> 20
25/10/2009	12:15	Tinny	Recreational	2	Fishing	Enter	North	Planing
25/10/2009	12:19	Tinny	Recreational	2	Crabbing/Fishing	Enter	South	Planing
25/10/2009	12:21	Tinny	Recreational	3	Fishing	Leave	North	> 20
25/10/2009	12:28	Tinny	Commercial	2	Crabbing	-	North	> 20
25/10/2009	12:31	Tinny	Recreational	2	Fishing	Enter	South	> 20
25/10/2009	12:35	Tinny	Commercial	2	Crabbing	-	South	> 20
25/10/2009	12:42	Tinny	Commercial	2	Crabbing	-	South	> 20
25/10/2009	12:44	Tinny	Recreational	2	Fishing	Enter	South	> 20
25/10/2009	12:45	Polycraft	Commercial	2	Fishing	Leave	South	Planing
25/10/2009	12:50	Tinny	Recreational	2	Fishing	-	North	> 20
25/10/2009	13:00	Tinny	Recreational	4	Fishing	Leave	South	> 20
25/10/2009	13:03	Tinny	Recreational	2	Fishing	Enter	South	Displacement
25/10/2009	13:08	Tinny	Recreational	2	Fishing	-	North	> 20

25/10/2009	13:10	Tinny	Recreational	2	Fishing	Leave	North	> 20
25/10/2009	13:17	Tinny	Recreational	2	Fishing	-	South	> 20
25/10/2009	13:22	Half Cabin	Recreational	2	Fishing	Enter	South	> 20
25/10/2009	13:25	Tinny	Recreational	2	Fishing	Enter	North	Planing
25/10/2009	13:32	Tinny	Recreational	2	Fishing	-	South	> 20
25/10/2009	13:33	Tinny	Recreational	2	Fishing	Leave	North	Planing
25/10/2009	13:40	Tinny	Recreational	1	Fishing	Enter	South	Planing
25/10/2009	13:49	Polycraft	Recreational	2	Fishing	Leave	North	Displacement
25/10/2009	14:00	Tinny	Recreational	3	Fishing	Leave	North	> 20
25/10/2009	14:08	Tinny	Recreational	5	Fishing	Leave	South	Displacement
25/10/2009	14:14	Tinny	Recreational	4	Fishing	Enter	North	Displacement
25/10/2009	14:21	Tinny	Recreational	2	Fishing	-	North	Displacement
25/10/2009	14:32	Tinny	Recreational	2	Fishing	Enter	North	Planing
25/10/2009	14:39	Tinny	Recreational	2	Crabbing	Leave	North	> 20
25/10/2009	14:46	Tinny	Recreational	2	Fishing	-	North	Displacement
25/10/2009	14:47	Tinny	Recreational	3	Fishing	Leave	South	> 20
25/10/2009	14:49	Tinny	Recreational	2	Fishing	Enter	South	Displacement
25/10/2009	14:50	Tinny	Recreational	2	Fishing	Leave	North	Planing
25/10/2009	14:50	Tinny	Recreational	4	Fishing	Leave	South	Planing
25/10/2009	14:58	Tinny	Recreational	2	Fishing	Enter	South	Displacement
25/10/2009	15:00	Tinny	Recreational	4	Fishing	Leave	-	-
25/10/2009	15:09	Tinny	Recreational	2	Fishing	Leave	South	Displacement
25/10/2009	15:13	Tinny	Recreational	4	Fishing	-	North	> 20
25/10/2009	15:21	Polycraft	Recreational	2	Fishing	Enter	North	> 20
25/10/2009	15:26	Tinny	Commercial	2	Crabbing	-	South	Planing



25/10/2009	15:28	Tinny	Commercial	2	Crabbing	Enter	-	Planing
25/10/2009	15:30	Tinny	Recreational	2	Fishing	Leave	North	Planing
25/10/2009	15:30	Tinny	Recreational	2	Fishing	Enter	South	> 20
25/10/2009	15:32	Tinny	Recreational	2	Crabbing	Enter	South	> 20
25/10/2009	15:53	Tinny	Recreational	4	Fishing	-	South	> 20
25/10/2009	15:55	Tinny	Recreational	2	Fishing	Leave	South	Planing
25/10/2009	15:56	Tinny	Recreational	2	Fishing	Enter	North	Planing
25/10/2009	16:02	Tinny	Recreational	3	Fishing	Enter	South	> 20
25/10/2009	16:04	Tinny	Recreational	3	Fishing	Enter	North	Planing
25/10/2009	16:06	Tinny	Recreational	3	Fishing	Enter	North	Planing
25/10/2009	16:16	Tinny	Recreational	4	Fishing	Enter	North	Planing
25/10/2009	16:26	Tinny	Recreational	2	Fishing	Enter	South	> 20
25/10/2009	16:47	Tinny	Recreational	2	Fishing	Enter	South	Planing
25/10/2009	17:11	Tinny	Recreational	1	Fishing	Enter	South	> 20
26/10/2009	06:00	Sail	Recreational	-	-	-	-	-
26/10/2009	06:00	Sail	Recreational	-	-	-	-	-
26/10/2009	06:00	Sail	Recreational	-	-	-	-	-
26/10/2009	06:00	Tinny	Recreational	2	Fishing	Leave	North	Displacement
26/10/2009	06:16	Tinny	Recreational	1	Fishing	Leave	South	> 20
26/10/2009	06:27	Tinny	Recreational	2	Fishing	-	South	Displacement
26/10/2009	07:26	Tinny	Recreational	1	Fishing	Leave	North	> 20
26/10/2009	07:32	Tinny	Recreational	1	Fishing	Leave	North	> 20
26/10/2009	07:57	Tinny	Recreational	2	Fishing	-	North	Displacement
26/10/2009	08:45	Tinny	Recreational	2	Crabbing	Leave	South	> 20
26/10/2009	09:38	Tinny	Recreational	2	Fishing	-	South	> 20

26/10/2009	09:47	Tinny	Recreational	2	Fishing	Enter	North	Planing
26/10/2009	10:26	Tinny	Recreational	1	Fishing	Enter	North	Planing
26/10/2009	10:29	Tinny	Recreational	1	Fishing	Leave	South	Planing
26/10/2009	10:59	Tinny	Recreational	2	Fishing	Leave	South	Planing
26/10/2009	11:17	Tinny	Recreational	1	Fishing	Enter	South	> 20
26/10/2009	11:46	Tinny	Recreational	1	Fishing	Enter	South	> 20
26/10/2009	12:24	Tinny	Recreational	2	Fishing	-	North	Planing
26/10/2009	12:51	Tinny	Recreational	2	Fishing	Enter	North	> 20
26/10/2009	12:59	Tinny	Commercial	2	Crabbing	Leave	South	Displacement
26/10/2009	13:10	Tinny	Recreational	1	Fishing	Leave	North	Planing
26/10/2009	13:22	Tinny	Commercial	2	Crabbing	-	South	> 20
26/10/2009	13:33	Tinny	Recreational	2	Fishing	-	South	Displacement
26/10/2009	13:43	Tinny	Recreational	2	Fishing	Leave	North	> 20
26/10/2009	13:51	Tinny	Recreational	2	Fishing	-	South	> 20
26/10/2009	13:51	Tinny	Recreational	1	Fishing	Enter	South	> 20
26/10/2009	13:51	Tinny	Recreational	1	Fishing	Enter	North	Planing
26/10/2009	14:17	Tinny	Recreational	2	Fishing	Leave	North	Planing
26/10/2009	14:24	Tinny	Recreational	2	Crabbing	Enter	South	> 20
26/10/2009	14:40	Half Cabin	Recreational	2	Crabbing	Enter	South	> 20
26/10/2009	14:42	Tinny	Recreational	2	Crabbing	Leave	North	Planing
26/10/2009	15:04	Tinny	Recreational	2	Fishing	Enter	South	Planing
26/10/2009	15:05	Tinny	Recreational	1	Fishing	Enter	South	> 20
26/10/2009	15:12	Tinny	Recreational	2	Fishing	-	South	> 20
26/10/2009	16:32	Tinny	Recreational	2	Fishing	-	South	Planing
26/10/2009	16:32	Tinny	Recreational	1	Fishing	Enter	South	> 20

26/10/2009	16:58	Tinny	Recreational	2	Fishing	Enter	South	> 20
26/10/2009	17:03	Tinny	Commercial	2	Crabbing	Enter	South	> 20
26/10/2009	17:21	Tinny	Recreational	1	Crabbing	Leave	South	Planing
29/10/2009	06:00	Sail	Recreational	-	-	-	-	Anchored
29/10/2009	06:00	Sail	Recreational	-	-	-	-	Anchored
29/10/2009	06:00	Sail	Recreational	-	-	-	-	Anchored
29/10/2009	06:15	Tinny	Recreational	1	Fishing	Leave	North	> 20
29/10/2009	06:26	Tinny	Recreational	2	Fishing	-	North	Planing
29/10/2009	06:26	Tinny	Commercial	2	Crabbing	-	North	Displacement
29/10/2009	06:26	Tinny	Recreational	1	Crabbing	Enter	South	> 20
29/10/2009	06:52	Tinny	Commercial	2	Crabbing	-	South	Displacement
29/10/2009	06:57	Polycraft	Recreational	3	Fishing	-	South	> 20
29/10/2009	06:57	Tinny	Commercial	2	Crabbing	-	South	> 20
29/10/2009	07:18	Tinny	Recreational	1	Fishing	Enter	South	Planing
29/10/2009	07:27	Polycraft	Recreational	3	Fishing	-	North	> 20
29/10/2009	07:35	Tinny	Recreational	2	Fishing	Enter	South	Planing
29/10/2009	07:40	Polycraft	Recreational	3	Fishing	Enter	South	Planing
29/10/2009	08:24	Tinny	Recreational	2	Fishing	Leave	North	Planing
29/10/2009	08:43	Tinny	Recreational	1	Fishing	Leave	North	Planing
29/10/2009	09:40	Tinny	Recreational	1	Fishing	Enter	South	Planing
29/10/2009	09:48	Tinny	Recreational	5	Fishing	Leave	North	Displacement
29/10/2009	10:04	Tinny	Recreational	1	Fishing	Leave	South	Displacement
29/10/2009	10:31	Tinny	Recreational	1	Fishing	-	North	> 20
29/10/2009	10:48	Tinny	Recreational	1	Fishing	Enter	South	Displacement

29/10/2009	11:01	Tinny	Recreational	3	Fishing	Leave	South	> 20
29/10/2009	11:13	Tinny	Recreational	2	Fishing	-	North	> 20
29/10/2009	12:06	Tinny	Recreational	2	Fishing	Leave	North	Planing
29/10/2009	13:14	Inflatable	Commercial	2	Patrolling	Leave	North	> 20
29/10/2009	13:22	Inflatable	Commercial	2	Patrolling	-	South	> 20
29/10/2009	13:26	Inflatable	Commercial	2	Patrolling	Enter	North	> 20
29/10/2009	13:35	Inflatable	Commercial	2	Patrolling	Enter	South	Planing
29/10/2009	13:37	Tinny	Recreational	2	Fishing	Leave		Planing
29/10/2009	13:39	Inflatable	Commercial	1	Patrolling	Leave	North	> 20
29/10/2009	13:47	Inflatable	Commercial	1	Patrolling	Enter	South	Planing
29/10/2009	13:49	Inflatable	Commercial	2	Patrolling	Leave	South	> 20
29/10/2009	13:50	Inflatable	Commercial	2	Patrolling	Enter	North	Planing
29/10/2009	13:54	Tinny	Recreational	2	Crabbing/ Fishing	Enter	South	Displacement
29/10/2009	13:59	Inflatable	Commercial	2	Patrolling	Leave	South	Planing
29/10/2009	14:05	Inflatable	Commercial	2	Patrolling	Enter	North	Displacement
29/10/2009	14:25	Half Cabin	Recreational	4	Fishing	Enter	South	Displacement
29/10/2009	14:33	Tinny	Recreational	2	Fishing	-	South	> 20
29/10/2009	15:18	Tinny	Recreational	3	Fishing	Enter	North	Planing
29/10/2009	15:22	Polycraft	Recreational	2	Fishing	Leave	North	Planing
29/10/2009	15:47	Tinny	Recreational	2	Fishing	Enter	North	Planing
29/10/2009	15:56	Tinny	Recreational	1	Fishing	Leave	North	Planing
29/10/2009	16:04	Tinny	Recreational	2	Fishing	-	South	> 20
29/10/2009	16:07	Tinny	Recreational	1	Fishing	-	South	> 20
29/10/2009	16:10	Tinny	Recreational	1	Fishing	-	North	> 20
29/10/2009	16:16	Tinny	Recreational	2	Fishing	Enter	North	Planing

29/10/2009	16:20	Tinny	Recreational	1	Fishing	-	South	> 20
29/10/2009	16:24	Tinny	Recreational	2	Fishing	Enter	North	> 20
29/10/2009	16:25	Tinny	Recreational	1	Fishing	Enter	North	Planing
29/10/2009	16:36	Tinny	Recreational	2	Fishing	Leave	South	Planing
29/10/2009	16:50	Polycraft	Recreational	2	Fishing	Enter	South	Planing
29/10/2009	16:51	Tinny	Recreational	1	Fishing	Leave	North	Planing
29/10/2009	16:52	Tinny	Recreational	1	Crabbing	Leave	North	Planing
29/10/2009	17:15	Tinny	Recreational	1	Crabbing	Enter	South	Planing
29/10/2009	17:31	Tinny	Recreational	3	Fishing	Leave	North	Planing
29/10/2009	18:00	Tinny	Recreational	2	Fishing	Leave	North	Planing
30/10/2009	06:00	Sail	Recreational	-	-	-	-	Anchored
30/10/2009	06:00	Sail	Recreational	-	-	-	-	Anchored
30/10/2009	06:00	Sail	Recreational	-	-	-	-	Anchored
30/10/2009	06:00	Trawler	Commercial	2	Fishing	-	-	Anchored
30/10/2009	06:12	Polycraft	Recreational	2	Fishing	Enter	South	Planing
30/10/2009	06:30	Tinny	Recreational	1	Fishing	Enter	North	Planing
30/10/2009	06:40	Trawler	Commercial	2	Fishing	-	South	Displacement
30/10/2009	06:46	Tinny	Recreational	1	Fishing	-	South	Planing
30/10/2009	06:51	Tinny	Recreational	2	Fishing	-	South	Displacement
30/10/2009	06:53	Tinny	Recreational	2	Fishing	Leave	North	Planing
30/10/2009	06:53	Tinny	Recreational	1	Fishing	Enter	North	Planing
30/10/2009	07:01	Tinny	Recreational	2	Fishing	Enter	North	Displacement
30/10/2009	07:34	Tinny	Recreational	2	Fishing	Leave	North	Planing
30/10/2009	07:45	Tinny	Recreational	1	Fishing	Leave	North	> 20
30/10/2009	07:58	Half Cabin	Recreational	3	Fishing	Leave	North	Displacement

30/10/2009	08:47	Tinny	Recreational	1	Fishing	Enter	South	Planing
30/10/2009	08:59	Tinny	Recreational	1	Fishing	Leave	South	> 20
30/10/2009	09:06	Tinny	Recreational	1	Fishing	Enter	North	> 20
30/10/2009	09:23	Tinny	Commercial	2	Fishing	Enter	South	Planing
30/10/2009	09:25	Tinny	Recreational	2	Fishing	Leave	North	Displacement
30/10/2009	09:43	Tinny	Recreational	2	Fishing	Enter	South	> 20
30/10/2009	09:50	Tinny	Recreational	2	Fishing	Enter	South	Planing
30/10/2009	09:57	Tinny	Recreational	3	Fishing	Leave	North	Planing
30/10/2009	10:47	Tinny	Recreational	3	Fishing	Enter	South	> 20
30/10/2009	11:04	Half Cabin	Recreational	3	Fishing	-	South	> 20
30/10/2009	11:39	Half Cabin	Recreational	3	Fishing	Enter	North	Planing
30/10/2009	13:19	Tinny	Commercial	1	Fishing	Leave	North	Displacement
30/10/2009	14:05	Tinny	Recreational	2	Fishing	Enter	North	Planing
30/10/2009	15:36	Tinny	Recreational	1	Travel	Leave	South	> 20
30/10/2009	15:36	Tinny	Recreational	1	Travel	Leave	South	Planing
30/10/2009	15:41	Tinny	Recreational	1	Travel	Enter	North	> 20
30/10/2009	15:45	Tinny	Recreational	2	Fishing	Leave	South	Planing
30/10/2009	15:51	Tinny	Recreational	1	Travel	Enter	North	Planing
30/10/2009	15:53	Tinny	Recreational	2	Fishing	Leave	North	Displacement
30/10/2009	16:40	Tinny	Recreational	2	Fishing	Leave	South	Displacement
30/10/2009	16:50	Half Cabin	Recreational	1	Crabbing	Leave	South	Planing
30/10/2009	16:59	Half Cabin	Recreational	1	Crabbing	Leave	North	Planing
30/10/2009	17:01	Tinny	Recreational	2	Fishing	-	North	> 20
30/10/2009	17:29	Tinny	Recreational	2	Fishing	-	South	Planing

31/10/2009	06:00	Sail	Recreational	-	Anchored	-	-	Anchored
31/10/2009	06:00	Sail	Recreational	-	Anchored	-	-	Anchored
31/10/2009	06:00	Sail	Recreational	-	Anchored	-	-	Anchored
31/10/2009	06:00	Tinny	Commercial	2	Crabbing	-	South	Planing
31/10/2009	06:02	Tinny	Recreational	1	Fishing	-	North	> 20
31/10/2009	06:22	Tinny	Recreational	3	Fishing	Leave	South	> 20
31/10/2009	06:24	Tinny	Recreational	1	Fishing	Leave	North	> 20
31/10/2009	06:33	Tinny	Recreational	4	Fishing	Leave	South	> 20
31/10/2009	06:36	Half Cabin	Recreational	3	Fishing	Leave	North	> 20
31/10/2009	06:38	Half Cabin	Recreational	2	Fishing	Leave	South	Planing
31/10/2009	06:51	Tinny	Recreational	3	Fishing	Leave	South	Planing
31/10/2009	06:56	Half Cabin	Recreational	2	Fishing	Enter	North	Planing
31/10/2009	07:02	Tinny	Recreational	2	Fishing	-	South	> 20
31/10/2009	07:06	Tinny	Recreational	2	Fishing	Leave	North	> 20
31/10/2009	07:11	Tinny	Recreational	2	Fishing	Enter	North	> 20
31/10/2009	07:14	Tinny	Recreational	2	Fishing	Leave	South	> 20
31/10/2009	07:19	Tinny	Recreational	1	Fishing	Enter	South	> 20
31/10/2009	07:27	Tinny	Recreational	5	Fishing	Leave	North	> 20
31/10/2009	07:46	Tinny	Recreational	2	Fishing	Leave	South	> 20
31/10/2009	07:58	Tinny	Recreational	2	Fishing	Leave	North	> 20
31/10/2009	08:03	Tinny	Recreational	2	Crabbing	Leave	North	> 20
31/10/2009	08:05	Tinny	Recreational	2	Crabbing	Enter	North	> 20
31/10/2009	08:06	Tinny	Recreational	2	Crabbing	Enter	North	Planing
31/10/2009	08:09	Tinny	Recreational	2	Fishing	-	South	> 20
31/10/2009	08:14	Tinny	Commercial	1	Crabbing	Leave	-	Displacement

31/10/2009	08:20	Tinny	Recreational	2	Fishing	Enter	North	> 20
31/10/2009	08:21	Tinny	Recreational	1	Crabbing	Leave	South	Planing
31/10/2009	08:32	Tinny	Recreational	2	Fishing	Leave	North	> 20
31/10/2009	08:43	Tinny	Recreational	2	Crabbing	Enter	South	> 20
31/10/2009	08:48	Tinny	Recreational	2	Crabbing	Enter	South	> 20
31/10/2009	09:19	Tinny	Recreational	2	Fishing	Leave	North	> 20
31/10/2009	09:27	Tinny	Recreational	3	Fishing	Leave	South	> 20
31/10/2009	09:44	Tinny	Recreational	2	Crabbing	-	North	> 20
31/10/2009	10:01	Tinny	Recreational	4	Fishing	Enter	North	> 20
31/10/2009	10:02	Tinny	Recreational	2	Fishing	-	North	> 20
31/10/2009	10:04	Tinny	Recreational	4	Fishing	Enter	North	> 20
31/10/2009	10:06	Tinny	Commercial	2	Crabbing	Enter	South	Planing
31/10/2009	10:08	Half Cabin	Recreational	4	Fishing	Leave	South	Planing
31/10/2009	10:14	Tinny	Recreational	3	Fishing	Enter	South	Planing
31/10/2009	10:18	Tinny	Recreational	2	Fishing	Leave	South	Planing
31/10/2009	10:31	Tinny	Recreational	2	Fishing	-	North	> 20
31/10/2009	10:42	Tinny	Recreational	2	Fishing	Enter	South	> 20
31/10/2009	10:43	Tinny	Recreational	1	Crabbing	Enter	North	Displacement
31/10/2009	10:50	Tinny	Recreational	3	Fishing	Enter	South	> 20
31/10/2009	11:22	Half Cabin	Recreational	2	Fishing	Enter	South	> 20
31/10/2009	11:28	Tinny	Recreational	3	Fishing	Leave	South	Planing
31/10/2009	11:42	Tinny	Recreational	3	Fishing	Enter	North	> 20
31/10/2009	11:50	Tinny	Recreational	4	Fishing	Enter	South	Planing
31/10/2009	11:51	Tinny	Recreational	3	Fishing	Leave	South	> 20
31/10/2009	11:55	Tinny	Recreational	4	Fishing	Leave	North	Planing



31/10/2009	12:04	Tinny	Recreational	2	Fishing	-	South	> 20
31/10/2009	12:07	Tinny	Recreational	1	Fishing	Leave	North	Planing
31/10/2009	12:27	Tinny	Recreational	1	Fishing	Enter	South	> 20
31/10/2009	12:30	Tinny	Recreational	3	Fishing	Leave	South	Planing
31/10/2009	12:40	Tinny	Recreational	1	Fishing	Leave	North	> 20
31/10/2009	12:43	Tinny	Recreational	2	Fishing	Leave	South	> 20
31/10/2009	12:45	Tinny	Recreational	2	Fishing	Leave	North	Planing
31/10/2009	12:46	Tinny	Recreational	3	Fishing	-	North	> 20
31/10/2009	12:47	Tinny	Recreational	2	Fishing	Leave	South	> 20
31/10/2009	12:50	Tinny	Recreational	3	Fishing	-	South	> 20
31/10/2009	12:52	Tinny	Recreational	2	Fishing	Enter	North	Planing
31/10/2009	12:53	Tinny	Recreational	1	Fishing	Leave	North	Displacement
31/10/2009	13:05	Tinny	Recreational	2	Fishing	Leave	South	Displacement
31/10/2009	13:10	Tinny	Recreational	2	Fishing	-	North	Displacement
31/10/2009	13:20	Tinny	Recreational	1	Fishing	Leave	North	> 20
31/10/2009	13:20	Tinny	Recreational	2	Fishing	Leave	North	> 20
31/10/2009	13:23	Tinny	Recreational	2	Fishing	Leave	South	> 20
31/10/2009	13:26	Tinny	Recreational	1	Fishing	-	South	> 20
31/10/2009	13:49	Tinny	Recreational	2	Fishing	Enter	North	Displacement
31/10/2009	13:50	Tinny	Recreational	1	Travel	Enter	South	> 20
31/10/2009	13:59	Tinny	Recreational	2	Fishing	Enter	North	Displacement
31/10/2009	14:02	Tinny	Recreational	3	Fishing	-	North	Planing
31/10/2009	14:07	Tinny	Recreational	2	Fishing	-	South	Displacement
31/10/2009	14:20	Tinny	Recreational	3	Fishing	Leave	South	Displacement
31/10/2009	14:48	Tinny	Recreational	3	Fishing	Enter	South	Planing

31/10/2009	14:50	Tinny	Recreational	3	Fishing	Leave	South	> 20
31/10/2009	15:08	Tinny	Recreational	3	Fishing	Enter	North	Displacement
31/10/2009	15:20	Ski	Recreational	3	Travel	-	North	> 20
31/10/2009	15:46	Half Cabin	Recreational	3	Fishing	Leave	South	> 20
31/10/2009	15:48	Ski	Recreational	3	Travel	Enter	South	> 20
31/10/2009	15:50	Tinny	Recreational	3	Fishing	Enter	South	> 20
31/10/2009	16:02	Tinny	Recreational	2	Crabbing	Leave	South	Planing
31/10/2009	16:20	Ski	Recreational	2	Travel	Leave	South	> 20
31/10/2009	16:25	Half Cabin	Recreational	3	Fishing	Enter	South	> 20
31/10/2009	16:31	Tinny	Recreational	2	Fishing	Enter	South	> 20
31/10/2009	16:35	Ski	Recreational	2	Travel	Enter	North	> 20
31/10/2009	16:39	Half Cabin	Recreational	2	Fishing	-	South	Planing
31/10/2009	16:49	Tinny	Recreational	1	Fishing	-	North	Displacement
31/10/2009	16:55	Tinny	Recreational	2	Fishing	Enter	North	Displacement
31/10/2009	17:02	Tinny	Recreational	1	Fishing	Enter	South	> 20
31/10/2009	17:25	Tinny	Recreational	2	Fishing	Enter	North	> 20
31/10/2009	17:30	Tinny	Recreational	1	Fishing	Enter	South	> 20
31/10/2009	17:31	Tinny	Recreational	1	Fishing	Enter	North	> 20
31/10/2009	17:50	Tinny	Recreational	2	Fishing	-	North	> 20
31/10/2009	17:55	Tinny	Recreational	4	Fishing	Enter	North	Displacement
11/01/2009	06:00	Sail	Recreational	-	Anchored	-	-	Anchored
11/01/2009	06:00	Sail	Recreational	-	Anchored	-	-	Anchored
11/01/2009	06:00	Sail	Recreational	-	Anchored	-	-	Anchored
11/01/2009	06:00	Sail	Recreational	-	Anchored	-	-	Anchored
11/01/2009	06:00	Trawler	Commercial	-	Anchored	-	-	Anchored

11/01/2009	06:00	Tinny	Recreational	1	Crabbing	Leave	North	> 20
11/01/2009	06:02	Tinny	Commercial	2	Fishing	Leave	North	> 20
11/01/2009	06:07	Half Cabin	Recreational	3	Crabbing	Leave	North	> 20
11/01/2009	06:15	Tinny	Commercial	1	Crabbing	Leave	North	> 20
11/01/2009	06:22	Tinny	Commercial	2	Crabbing	-	South	> 20
11/01/2009	06:34	Tinny	Recreational	3	Fishing	Leave	North	> 20
11/01/2009	06:36	Tinny	Commercial	2	Crabbing	-	South	> 20
11/01/2009	06:44	Tinny	Recreational	1	Crabbing	Enter	South	> 20
11/01/2009	06:45	Tinny	Recreational	1	Crabbing	Enter	South	> 20
11/01/2009	06:46	Tinny	Recreational	2	Fishing	Leave	North	Planing
11/01/2009	06:54	Tinny	Recreational	3	Fishing	Leave	North	Planing
11/01/2009	06:59	Half Cabin	Recreational	4	Fishing	Leave	South	Planing
11/01/2009	07:05	Tinny	Recreational	1	Fishing	Leave	North	> 20
11/01/2009	07:09	Tinny	Recreational	3	Fishing	Leave	South	> 20
11/01/2009	07:12	Tinny	Recreational	3	Fishing	Leave	South	> 20
11/01/2009	07:14	Tinny	Recreational	3	Fishing	Leave	South	> 20
11/01/2009	07:20	Tinny	Recreational	2	Fishing	Leave	South	Planing
11/01/2009	07:24	Tinny	Recreational	4	Fishing	Leave	South	> 20
11/01/2009	07:27	Tinny	Recreational	3	Fishing	-	South	> 20
11/01/2009	07:30	Tinny	Recreational	2	Fishing	Leave	South	> 20
11/01/2009	07:30	Tinny	Recreational	1	Fishing	Leave	North	> 20
11/01/2009	07:36	Tinny	Recreational	1	Fishing	Leave	North	Planing
11/01/2009	07:38	Tinny	Recreational	3	Fishing	-	North	Planing
11/01/2009	07:43	Tinny	Commercial	2	Crabbing	-	North	> 20
11/01/2009	07:47	Tinny	Recreational	3	Fishing	Enter	South	> 20

11/01/2009	07:50	Tinny	Recreational	2	Fishing	-	South	> 20
11/01/2009	07:51	Tinny	Recreational	2	Fishing	Leave	South	> 20
11/01/2009	07:55	Tinny	Recreational	1	Fishing	Leave	South	> 20
11/01/2009	07:59	Tinny	Recreational	2	Fishing	Enter	North	> 20
11/01/2009	08:04	Tinny	Recreational	4	Fishing	Enter	South	> 20
11/01/2009	08:40	Tinny	Recreational	3	Fishing	Enter	South	> 20
11/01/2009	08:41	Tinny	Recreational	2	Fishing	Enter	North	Planing
11/01/2009	08:58	Tinny	Recreational	3	Fishing	Enter		> 20
11/01/2009	09:08	Tinny	Recreational	3	Fishing	-	South	> 20
11/01/2009	09:10	Tinny		4	Fishing	-	South	> 20
11/01/2009	09:19	Tinny	Recreational	3	Travel	Enter		Displacement
11/01/2009	09:20	Tinny		1	Crabbing	Leave	South	Planing
11/01/2009	09:24	Tinny	Commercial	1	Travel	Enter	South	> 20
11/01/2009	09:28	Tinny	Recreational	4	Crabbing/ Fishing	Enter	North	Displacement
11/01/2009	09:40	Tinny	Recreational	4	Travel	Leave	South	Planing
11/01/2009	09:42	Tinny	Recreational	4	Travel	-	North	Planing
11/01/2009	09:43	Tinny	Recreational	3	Fishing	Leave	South	Planing
11/01/2009	09:48	Tinny	Recreational	4	Travel	-	South	Planing
11/01/2009	09:54	Tinny	Recreational	1	Travel	Enter	North	Displacement
11/01/2009	09:58	Tinny	Recreational	2	Travel	Leave	North	Displacement
11/01/2009	10:01	Tinny	Recreational	4	Travel	-	North	Planing
11/01/2009	10:10	Tinny	Recreational	2	Travel	Leave	South	> 20
11/01/2009	10:04	Tinny	Recreational	1	Travel	-	South	Planing
11/01/2009	10:11	Tinny	Recreational	4	Travel	Leave	South	Planing
11/01/2009	10:07	Tinny	Recreational	3	Fishing	Enter	South	> 20

11/01/2009	10:20	Tinny	Recreational	1	Fishing	Enter	North	> 20
11/01/2009	10:21	Tinny	Recreational	4	Travel	-	North	Planing
11/01/2009	10:31	Tinny	Recreational	1	Fishing	Enter	North	Planing
11/01/2009	10:34	Tinny	Recreational	1	Travel	Leave	South	Planing
11/01/2009	10:35	Tinny	Recreational	4	Travel	-	South	Planing
11/01/2009	10:36	Tinny	Recreational	3	Travel	Leave	South	Displacement
11/01/2009	10:37	Tinny	Commercial	2	Travel	Enter	South	Planing
11/01/2009	10:37	Tinny	Recreational	6	Travel	Leave	North	Planing
11/01/2009	10:39	Tinny	Recreational	1	Travel	Leave	North	> 20
11/01/2009	10:42	Half Cabin	Recreational	2	Travel	Leave	South	Displacement
11/01/2009	10:45	Tinny	Recreational	4	Travel	-	North	> 20
11/01/2009	10:48	Tinny	Recreational	2	Fishing	Leave	South	Displacement
11/01/2009	10:49	Half Cabin	Recreational	3	Travel	Enter	North	Displacement
11/01/2009	10:52	Half Cabin	Recreational	4	Fishing	Enter	South	Displacement
11/01/2009	10:53	Tinny	Recreational	2	Fishing	Enter	South	Planing
11/01/2009	10:55	Tinny	Recreational	4	Travel	Enter	South	Planing
11/01/2009	10:56	Tinny	Recreational	2	Travel	Enter	South	> 20
11/01/2009	10:58	Tinny	Recreational	1	Travel	Enter	South	Planing
11/01/2009	11:01	Tinny	Recreational	4	Travel	-	North	Planing
11/01/2009	11:03	Tinny	Recreational	1	Travel	Enter	South	Planing
11/01/2009	11:05	Half Cabin	Recreational	3	Travel	Enter	North	Displacement
11/01/2009	11:06	Tinny	Recreational	4	Travel	Enter	South	Planing
11/01/2009	11:10	Tinny	Recreational	2	Travel	Enter	North	Displacement
11/01/2009	11:14	Tinny	Recreational	3	Travel	Leave	South	Planing
11/01/2009	11:36	Tinny	Recreational	4	Travel	Enter	North	Planing

11/01/2009	11:39	Tinny	Recreational	1	Travel	Leave	South	Planing
11/01/2009	11:40	Tinny	Recreational	6	Travel	-	North	> 20
11/01/2009	11:46	Tinny	Recreational	6	Travel	Enter	South	> 20
11/01/2009	12:27	Tinny	Recreational	1	Travel	Leave	North	> 20
11/01/2009	12:30	Tinny	Recreational	2	Travel	Leave	South	Planing
11/01/2009	12:34	Tinny	Recreational	2	Fishing	Leave	-	Planing
11/01/2009	12:40	Tinny	Recreational	1	Travel	-	North	Planing
11/01/2009	12:52	Tinny		2	Fishing	-	North	Planing
11/01/2009	13:00	Tinny	Recreational	1	Fishing	-	North	Planing
11/01/2009	13:03	Tinny	Recreational	3	Fishing	Enter	North	Planing
11/01/2009	13:14	Tinny	Recreational	2	Travel	Enter	North	Displacement
11/01/2009	13:32	Tinny	Recreational	1	Travel	Enter	South	Planing
11/01/2009	13:44	Tinny	Recreational	1	Fishing	Enter	South	Planing
11/01/2009	14:13	Tinny	Recreational	1	Fishing	Leave	South	Planing
11/01/2009	14:28	Tinny	Recreational	1	Fishing	Enter	North	Displacement
11/01/2009	14:37	Tinny	Recreational	1	Travel	-	South	Planing
11/01/2009	14:45	Tinny	Recreational	2	Travel	Enter	North	Planing
11/01/2009	14:52	Tinny	Recreational	3	Travel	Enter	North	Planing
11/01/2009	14:53	Tinny	Recreational	2	Fishing	Enter	North	Planing
11/01/2009	14:53	Tinny	Recreational	1	Travel	Enter	North	Displacement
11/01/2009	14:55	Tinny	Recreational	2	Travel	Enter	North	Planing
11/01/2009	15:20	Tinny	Recreational	2	Fishing	-	South	Planing
11/01/2009	15:55	Tinny	Recreational	2	Fishing	-	North	Planing
11/01/2009	16:35	Tinny	Recreational	4	Travel	Leave	North	Planing
11/01/2009	17:02	Tinny	Recreational	2	Crabbing	Leave	North	Planing

11/01/2009	17:15	Tinny	Recreational	1	Fishing	Enter	North	Planing
11/01/2009	17:17	Tinny	Recreational	2	Fishing	Enter		Planing
11/01/2009	17:19	Tinny	Recreational	4	Travel	-	South	Planing
11/01/2009	17:26	Tinny	Recreational	4	Travel	Enter	North	Planing
11/07/2009	06:00	Sail	Recreational	-	Travel	-	-	Anchored
11/07/2009	06:00	Sail	Recreational	-	Travel	-	-	Anchored
11/07/2009	06:00	Sail	Recreational	-	Travel	-	-	Anchored
11/07/2009	06:00	Sail	Recreational	-	Travel	-	-	Anchored
11/07/2009	06:00	Half Cabin	Commercial	-	Crabbing	-	-	Anchored
11/07/2009	06:24	Half Cabin	Recreational	2	Fishing	Leave	South	Planing
11/07/2009	06:43	Tinny	Recreational	2	Crabbing	Leave	North	Planing
11/07/2009	06:55	Tinny	Recreational	3	Fishing	Leave	North	> 20
11/07/2009	07:12	Tinny	Recreational	3	Fishing	Leave	South	> 20
11/07/2009	07:56	Tinny	Recreational	3	Fishing	Leave	South	Displacement
11/07/2009	08:20	Tinny	Recreational	1	Crabbing	Leave	North	Planing
11/07/2009	08:30	Half Cabin	Recreational	2	Fishing	-	South	> 20
11/07/2009	08:33	Tinny	Recreational	2	Fishing	Leave	North	Displacement
11/07/2009	08:40	Half Cabin	Recreational	2	Fishing	-	North	> 20
11/07/2009	08:42	Tinny	Commercial	2	Crabbing	Leave	North	> 20
11/07/2009	08:49	Tinny	Recreational	2	Fishing	Leave	North	> 20
11/07/2009	08:50	Half Cabin	Recreational	2	Fishing	-	North	> 20
11/07/2009	08:52	Tinny	Recreational	1	Crabbing	Leave	North	Planing
11/07/2009	08:56	Tinny	Recreational	1	Fishing	Leave	North	> 20
11/07/2009	09:14	Tinny	Recreational	2	Fishing	Leave	South	> 20
11/07/2009	09:23	Tinny	Commercial	1	Crabbing	Leave	North	> 20

11/07/2009	09:25	Tinny	Recreational	2	Fishing	-	South	> 20
11/07/2009	09:34	Tinny	Recreational	1	Crabbing	Enter	South	> 20
11/07/2009	09:35	Tinny	Recreational	2	Fishing	Leave	North	> 20
11/07/2009	09:40	Tinny	Recreational	1	Crabbing	Leave	North	Displacement
11/07/2009	09:53	Tinny	Recreational	1	Crabbing	-	South	> 20
11/07/2009	09:55	Tinny	Recreational	1	Crabbing	-	South	> 20
11/07/2009	10:01	Tinny	Recreational	1	Fishing	Leave	North	> 20
11/07/2009	10:06	Half Cabin	Recreational	2	Fishing	Enter	South	Planing
11/07/2009	10:09	Tinny	Recreational	2	Fishing	Leave	North	> 20
11/07/2009	10:15	Tinny	Recreational	2	Crabbing	Leave	South	> 20
11/07/2009	10:16	Tinny	Recreational	2	Crabbing	Enter	South	Planing
11/07/2009	10:19	Tinny	Recreational	1	Crabbing	Enter	North	Displacement
11/07/2009	10:20	Half Cabin	Recreational	1	Fishing	Leave	North	> 20
11/07/2009	10:35	Tinny	Recreational	2	Fishing	-	North	> 20
11/07/2009	10:40	Tinny	Recreational	1	Crabbing	Leave	North	> 20
11/07/2009	10:42	Tinny	Recreational	2	Crabbing	Enter	North	Planing
11/07/2009	10:42	Tinny	Recreational	2	Crabbing	Leave	South	Displacement
11/07/2009	11:00	Tinny	Recreational	2	Crabbing	Enter	North	Planing
11/07/2009	11:03	Tinny	Recreational	3	Fishing	-	North	> 20
11/07/2009	11:06	Half Cabin	Recreational	1	Fishing	Enter	South	> 20
11/07/2009	11:07	Tinny	Recreational	3	Fishing	Leave	North	> 20
11/07/2009	11:11	Tinny	Recreational	1	Fishing	Enter	South	> 20
11/07/2009	11:16	Tinny	Recreational	2	Fishing	Leave	South	> 20
11/07/2009	11:17	Tinny	Recreational	1	Crabbing/Fishing	Leave	South	Planing
11/07/2009	11:20	Half Cabin	Recreational	2	Fishing	Leave	North	> 20



11/07/2009	11:21	Tinny	Recreational	1	Crabbing	Enter	South	Planing
11/07/2009	11:22	Tinny	Recreational	2	Fishing	Enter	North	Planing
11/07/2009	11:23	Tinny	Recreational	1	Crabbing	Enter	South	> 20
11/07/2009	11:35	Tinny	Recreational	3	Fishing	Enter	North	> 20
11/07/2009	11:40	Tinny	Recreational	2	Crabbing	Enter	South	> 20
11/07/2009	11:46	Tinny	Recreational	2	Crabbing	Leave	North	> 20
11/07/2009	11:51	Tinny	Recreational	2	Fishing	Leave	South	> 20
11/07/2009	11:52	Tinny	Recreational	2	Crabbing	-	North	> 20
11/07/2009	11:54	Half Cabin	Recreational	2	Fishing	-	South	> 20
11/07/2009	12:00	Tinny	Recreational	3	Fishing	Enter	South	> 20
11/07/2009	12:04	Half Cabin	Recreational	2	Fishing	Enter	North	Displacement
11/07/2009	12:05	Tinny	Recreational	2	Fishing	Leave	-	Anchored
11/07/2009	12:10	Tinny	Commercial	1	Fishing	Enter	South	> 20
11/07/2009	12:14	Half Cabin	Recreational	2	Travel	Enter	North	Planing
11/07/2009	12:15	Tinny	Recreational	2	Travel	Leave	South	Planing
11/07/2009	12:18	Tinny	Recreational	2	Travel	-	North	> 20
11/07/2009	12:20	Tinny	Recreational	1	Travel	Leave	North	Oars
11/07/2009	12:21	Tinny	Recreational	2	Fishing	-	South	> 20
11/07/2009	12:23	Half Cabin	Recreational	2	Travel	-	South	Planing
11/07/2009	12:29	Half Cabin	Recreational	1	Fishing	Leave	South	> 20
11/07/2009	12:30	Half Cabin	Recreational	2	Towing	Enter	North	Displacement
11/07/2009	12:30	Tinny	Recreational	2	Crabbing	Enter	-	Displacement
11/07/2009	12:31	Tinny	Recreational	2	Fishing	Enter	South	Planing
11/07/2009	12:32	Half Cabin	Recreational	2	Travel	Leave	South	Planing
11/07/2009	12:32	Tinny	Recreational	1	Fishing	Enter	-	Planing

11/07/2009	12:38	Half Cabin	Recreational	2	Travel	Enter	North	8u
11/07/2009	12:42	Tinny	Recreational	2	Travel	Enter	North	> 20
11/07/2009	12:50	Tinny	Recreational	1	Travel	Enter	South	Oars
11/07/2009	12:53	Half Cabin	Recreational	2	Fishing	-	North	Planing
11/07/2009	12:54	Tinny	Recreational	2	Fishing	-	North	Planing
11/07/2009	13:00	Tinny	Recreational	3	Travel	Enter	North	Planing
11/07/2009	13:02	Half Cabin	Recreational	2	Fishing	-	South	Planing
11/07/2009	13:05	Tinny	Recreational	3	Travel	-	North	Planing
11/07/2009	13:07	Tinny	Recreational	2	Travel	Enter	South	Planing
11/07/2009	13:08	Half Cabin	Recreational	2	Fishing	Enter	South	Displacement
11/07/2009	13:10	Tinny	Recreational	2	Fishing	Leave	South	> 20
11/07/2009	13:15	Tinny	Recreational	2	Fishing	Enter	North	Planing
11/07/2009	13:16	Tinny	Recreational	2	Travel	Leave	North	> 20
11/07/2009	13:26	Tinny	Recreational	2	Fishing	Leave	South	> 20
11/07/2009	13:28	Half Cabin	Recreational	2	Fishing	Enter	North	Displacement
11/07/2009	13:53	Jetski	Recreational	1	Travel	-	South	> 20
11/07/2009	13:59	Jetski	Recreational	1	Travel	-	North	> 20
11/07/2009	14:08	Tinny	Recreational	2	Travel	Leave	-	-
11/07/2009	14:22	Tinny	Recreational	2	Fishing	Leave	South	Displacement
11/07/2009	14:33	Tinny	Recreational	1	Fishing	-	South	Anchored
11/07/2009	14:36	Tinny	Commercial	1	Crabbing	Enter	South	> 20
11/07/2009	15:25	Tinny	Recreational	1	Fishing	Enter	South	Displacement
11/07/2009	15:38	Tinny	Recreational	2	Fishing	-	North	Displacement
11/07/2009	15:54	Tinny	Recreational	2	Crabbing	Leave	South	> 20
11/07/2009	15:56	Tinny	Recreational	2	Crabbing	-	South	> 20

11/07/2009	16:24	Tinny	Recreational	3	Fishing	Enter	North	Planing
11/07/2009	16:25	Tinny	Recreational	2	Fishing	Enter	South	> 20
11/07/2009	16:36	Tinny	Recreational	2	Crabbing	Enter	North	> 20
11/07/2009	16:54	Tinny	Recreational	2	Fishing	Enter	North	Planing
11/07/2009	17:38	Tinny	Recreational	3	Crabbing	Leave	South	Planing
11/08/2009	06:00	Sail	Recreational	-	Travel	-	-	Anchored
11/08/2009	06:00	Sail	Recreational	-	Travel	-	-	Anchored
11/08/2009	06:00	Sail	Recreational	-	Travel	-	-	Anchored
11/08/2009	06:00	Sail	Recreational	-	Travel	-	-	Anchored
11/08/2009	06:00	Half Cabin	Commercial	-	Travel	-	-	Anchored
11/08/2009	07:50	Tinny	Recreational	2	Crabbing	Leave	North	> 20
11/08/2009	08:15	Tinny	Recreational	1	Crabbing	Leave	North	Planing
11/08/2009	08:24	Tinny	Recreational	1	Fishing	Leave	North	> 20
11/08/2009	08:25	Tinny	Recreational	1	Crabbing	Enter	South	> 20
11/08/2009	08:37	Tinny	Recreational	2	Fishing	Enter	North	> 20
11/08/2009	08:38	Tinny	Recreational	2	Crabbing	Leave	North	Planing
11/08/2009	08:39	Tinny	Recreational	2	Fishing	Leave	South	> 20
11/08/2009	08:59	Tinny	Recreational	2	Crabbing	Leave	North	> 20
11/08/2009	09:00	Tinny	Recreational	2	Crabbing	Enter	South	> 20
11/08/2009	09:05	Tinny	Recreational	1	Fishing	Leave	North	Planing
11/08/2009	09:07	Half Cabin	Recreational	3	Fishing	Leave	South	Displacement
11/08/2009	09:17	Tinny	Recreational	2	Fishing	Leave	South	Planing
11/08/2009	09:45	Tinny	Recreational	3	Fishing	Leave	North	> 20
11/08/2009	09:52	Tinny	Recreational	2	Crabbing	Leave	South	Planing
11/08/2009	10:11	Half Cabin	Recreational	5	Fishing	-	North	Displacement

11/08/2009	10:19	Tinny	Recreational	3	Fishing	Leave	-	Planing
11/08/2009	10:25	Tinny	Commercial	1	Crabbing	Leave	North	> 20
11/08/2009	10:26	Tinny	Commercial	2	Crabbing	Leave	South	> 20
11/08/2009	10:30	Tinny	Recreational	4	Fishing	Leave	South	Planing
11/08/2009	10:40	Tinny	Recreational	2	Fishing	Enter	North	Planing
11/08/2009	10:40	Tinny	Recreational	2	Crabbing	Leave	South	Planing
11/08/2009	10:41	Tinny	Recreational	2	Fishing	-	South	> 20
11/08/2009	10:42	Tinny	Recreational	4	Fishing	Leave	North	> 20
11/08/2009	10:44	Tinny	Recreational	2	Fishing	Leave	South	Planing
11/08/2009	10:55	Half Cabin	Recreational	1	Fishing	Leave	North	Displacement
11/08/2009	10:56	Tinny	Recreational	1	Fishing	Leave	South	> 20
11/08/2009	10:56	Tinny	Recreational	1	Crabbing	Enter	South	> 20
11/08/2009	11:02	Tinny	Recreational	3	Crabbing	Enter	-	> 20
11/08/2009	11:20	Tinny	Recreational	2	Crabbing	Leave	-	> 20
11/08/2009	11:20	Tinny	Recreational	1	Crabbing	Enter	South	Planing
11/08/2009	11:38	Tinny	Commercial	5	Travel	Leave	North	> 20
11/08/2009	11:39	Tinny	Recreational	1	Travel	Leave	North	> 20
11/08/2009	11:40	Half Cabin	Recreational	1	Crabbing	Enter	South	> 20
11/08/2009	11:47	Tinny	Recreational	2	Crabbing	Enter	South	> 20
11/08/2009	11:47	Tinny	Commercial	2	Crabbing	-	South	Planing
11/08/2009	11:53	Tinny	Recreational	2	Fishing	Enter	South	Planing
11/08/2009	11:58	Tinny	Commercial	2	Crabbing	-	North	> 20
11/08/2009	11:59	Tinny	Recreational	2	Crabbing	-	South	> 20
11/08/2009	12:04	Tinny	Recreational	5	Fishing	Enter	North	> 20
11/08/2009	12:08	Tinny	Commercial	3	Travel	Leave	North	Planing

11/08/2009	12:11	Tinny	Recreational	1	Fishing	Enter	South	> 20
11/08/2009	12:18	Tinny	Recreational	2	Crabbing	-	North	> 20
11/08/2009	12:20	Tinny	Recreational	2	Fishing	Leave	South	> 20
11/08/2009	12:21	Half Cabin	Recreational	4	Fishing	-	South	Displacement
11/08/2009	12:22	Tinny	Commercial	3	Travel	Enter	South	> 20
11/08/2009	12:23	Tinny	Recreational	2	Fishing	Enter	North	> 20
11/08/2009	12:24	Tinny	Recreational	2	Fishing	Enter	North	Displacement
11/08/2009	12:28	Ski	Recreational	1	Travel	Leave	-	> 20
11/08/2009	12:30	Ski	Recreational	2	Travel	Leave	-	> 20
11/08/2009	12:35	Tinny	Recreational	2	Fishing	Enter	North	Planing
11/08/2009	12:36	Half Cabin	Recreational	4	Fishing	-	South	Displacement
11/08/2009	12:44	Tinny	Recreational	1	Crabbing	Leave	South	Planing
11/08/2009	12:47	Tinny	Recreational	2	Crabbing	Enter	-	Planing
11/08/2009	12:48	Half Cabin	Recreational	4	Fishing	Enter	North	Displacement
11/08/2009	12:56	Jetski	Recreational	2	Travel	Enter	South	> 20
11/08/2009	12:58	Tinny	Recreational	2	Crabbing	Enter	North	> 20
11/08/2009	13:07	Tinny	Recreational	2	Crabbing	Leave	North	> 20
11/08/2009	13:48	Tinny	Recreational	2	Crabbing	Enter	North	Planing
11/08/2009	13:54	Tinny	Recreational	1	Crabbing	Enter	North	> 20
11/08/2009	14:01	Half Cabin	Recreational	2	Fishing	Leave	South	> 20
11/08/2009	14:04	Tinny	Commercial	1	Crabbing	Enter	South	> 20
11/08/2009	14:13	Tinny	Recreational	1	Crabbing	Enter	North	Displacement
11/08/2009	14:14	Tinny	Recreational	2	Fishing	-	South	> 20
11/08/2009	14:28	Tinny	Recreational	2	Fishing	Leave	South	> 20
11/08/2009	14:35	Tinny	Recreational	2	Travel	Enter	South	> 20

11/08/2009	14:56	Tinny	Recreational	2	Fishing	Leave	South	> 20
11/08/2009	15:30	Tinny	Commercial	2	Crabbing	Enter	South	> 20
11/08/2009	15:51	Tinny	Recreational	2	Fishing	Enter	North	> 20
11/08/2009	15:54	Half Cabin	Recreational	2	Fishing	Enter	North	> 20
11/08/2009	15:57	Tinny	Recreational	2	Fishing	Enter	North	Planing
11/08/2009	16:43	Tinny	Recreational	2	Fishing	Leave	South	Planing
11/08/2009	17:32	Tinny	Recreational	1	Fishing	Enter	South	> 20

## Appendix V – The Narrows raw data

Date	Time	Boat type	Use (Commercial or Recreational)	POB	Activity	Speed	Direction (North or South)	Grahams Creek (Enter or Leave)	Targinie Creek (Enter or Leave)	Passage Island (East or South)
20/10/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
20/10/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
20/10/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
20/10/2009	07:30	Half Cabin	Commercial	10	Personal Transfer	> 20	North	Enter	-	East
20/10/2009	07:40	Half Cabin	Commercial	1	Personal Transfer	> 20	South	Leave	-	East
20/10/2009	07:55	Sail	Recreational	2	Travel	Displacement	South	Leave	-	South
20/10/2009	08:00	Tinny/Barge	Commercial	4	Drilling	Displacement	North	-	-	South
20/10/2009	08:30	Tinny	Recreational	2	Travel/Fishing	Planing	South	Enter	Leave	-
20/10/2009	10:10	Sail	Recreational	3	Travel	Displacement	South	-	-	South
20/10/2009	10:20	Barge	Commercial	2	Transport	Displacement	North	-	-	-
20/10/2009	10:22	Tinny		2	Crabbing/Fishing	Planing	-	-	Enter	-
20/10/2009	10:34	Tinny/Barge	Commercial	4	Travel/Drilling	Displacement	South	-	-	East
20/10/2009	11:20	Tinny	Commercial	2	Fishing	Planing	-	-	Enter	-
20/10/2009	11:22	Tinny	Recreational	1	Travel/Crabbing	Planing	South	-	-	East
20/10/2009	11:24	Tinny	Recreational	1	Travel/Crabbing	Planing	South	-	-	East
20/10/2009	11:35	Sail	Recreational	2	Travel	Displacement	South	-	-	East
20/10/2009	11:40	Sail	Recreational	2	Travel	Displacement	South	Enter	-	-
20/10/2009	11:45	Cruiser	Commercial	2	Travel	Planing	South	-	-	East
20/10/2009	12:00	Sail	Recreational	2	Travel	Displacement	South	Enter	-	-
20/10/2009	12:00	Tinny	Recreational	2	Travel/Fishing	Planing	North	Leave	Enter	-
20/10/2009	12:15	Sail	Recreational	2	Travel	Displacement	South	Enter	-	-
20/10/2009	12:15	Sail	Recreational	2	Travel	Displacement	South	Enter	-	-
20/10/2009	14:45	Half Cabin	Commercial	1	Personal Transfer	Displacement	North	Enter	-	East
20/10/2009	15:05	Half Cabin	Commercial	10	Personal Transfer	> 20	South	Leave	-	East
21/10/2009	06:00	Sail	Recreational	2	Travel	Displacement	South	Leave	-	South
21/10/2009	06:00	Sail	Recreational	2	Travel	Displacement	South	Leave	-	South
21/10/2009	07:35	Half Cabin	Commercial	10	Personal Transfer	Planing	North	Enter	-	East
21/10/2009	08:10	Half Cabin	Commercial	1	Personal Transfer	Planing	South	Leave	-	East
21/10/2009	08:15	Sail	Recreational	2	Travel	Displacement	South	Leave	-	East

21/10/2009	08:20	Sail	Recreational	-	Travel/Anchored	Displacement	-	-	-	-
21/10/2009	08:40	Sail	Recreational	1	Travel	Displacement	North	-	-	East
21/10/2009	09:05	Sail	Recreational	2	Travel	Displacement	North	Leave	Enter	-
21/10/2009	09:20	Half Cabin	Recreational	2	Travel/Fishing	Planing	North	Enter	-	East
21/10/2009	09:30	Sail	Recreational	2	Travel	Displacement	South	Leave	-	South
21/10/2009	10:30	Cruiser	Recreational	2	Travel	Semi-displacement	South	-	-	South
21/10/2009	10:30	Sail	Recreational	2	Travel	Displacement	South	Leave	-	South
21/10/2009	10:40	Half Cabin	Commercial	2	Travel	Planing	North	Enter	-	East
21/10/2009	11:00	Tinny	Recreational	4	Travel/Fishing	Planing	North	Enter	-	East
21/10/2009	11:10	Half Cabin	Commercial	2	Travel	Planing	-	Leave	-	East
21/10/2009	11:20	Sail	Recreational	2	Travel	Displacement	South	-	-	East
21/10/2009	11:22	Tinny	Recreational	1	Travel	Planing	South	Leave	-	East
21/10/2009	11:25	Tinny	Commercial	2	Research	Planing	North	-	-	South
21/10/2009	11:45	Sail	Recreational	2	Travel	Displacement	South	-	-	-
21/10/2009	12:15	Sail	Recreational	2	Travel	Displacement	South	Enter	-	-
21/10/2009	11:45	Sail	Recreational	1	Travel	Displacement	South	Enter	-	-
21/10/2009	14:30	Sail	Recreational	1	Travel	Displacement	South	Leave	-	East
21/10/2009	14:45	Half Cabin	Commercial	1	Personal Transfer	> 20	North	Enter	-	-
21/10/2009	14:50	Half Cabin	Commercial	10	Personal Transfer	> 20	South	Leave	-	-
21/10/2009	15:45	Tinny	Recreational	4	Travel/Fishing	Planing	South	Leave	-	East
21/10/2009	17:30	Sail	Recreational	1	Travel	Displacement	South	-	Leave	East
25/10/2009	06:00	Sail	Recreational	4	Anchored	Anchored	-	Enter	-	-
25/10/2009	06:00	Sail	Recreational	-	Anchored	Anchored	-	Enter	-	-
25/10/2009	06:00	Sail	Recreational	-	Anchored	Anchored	-	Enter	-	-
25/10/2009	06:00	Sail	Recreational	-	Anchored	Anchored	-	enter	-	-
25/10/2009	06:00	Cruiser	Recreational	-	Anchored	Anchored	-	Enter	-	-
25/10/2009	07:15	Tinny	Recreational	1	Travel	Planning	North	Enter	-	South
25/10/2009	07:30	Tinny	Recreational	3	Travel	Planning	North	Enter	-	East
25/10/2009	07:40	Cruiser	Recreational	2	Travel	Displacement	South	Leave	-	East
25/10/2009	07:50	Tinny	Recreational	2	Travel	Planning	North	Enter	-	East
25/10/2009	08:45	Tinny	Recreational	3	Travel	Planning	North	Enter	-	South
25/10/2009	09:00	Tinny	Recreational	4	Travel	Planning	North	-	-	East
25/10/2009	09:05	Tinny	Recreational	1	Travel	Planning	North	-	-	east



25/10/2009	09:45	Sail	Recreational	4	Travel	Planning	South	Leave	-	East
25/10/2009	09:55	Tinny	Recreational	-	Travel	Planning	South	Leave	-	East
25/10/2009	09:57	Tinny	Recreational	1	Travel	Planning	North	Enter	-	South
25/10/2009	10:05	Tinny	Recreational	1	Travel	Planning	South	-	-	East
25/10/2009	10:10	Tinny	Recreational	3	Travel	Planning	South	Leave	-	South
25/10/2009	10:12	Tinny	Recreational	2	Travel	Planning	North	Enter	-	East
25/10/2009	10:30	Tanker	Commercial	-	Travel	Displacement	North	-	-	-
25/10/2009	10:30	Tinny	Recreational	4	Travel	Planning	South	Enter	Leave	-
25/10/2009	10:35	Tinny	Recreational	-	Travel	Planning	South	Leave	-	South
25/10/2009	10:37	Tinny	Recreational	1	Travel	Planning	North	Enter	-	South
25/10/2009	10:38	Tinny	Recreational	3	Travel	Planning	North	Enter	-	East
25/10/2009	10:52	Tinny	Recreational	1	Travel	Planning	North	Leave	-	-
25/10/2009	11:12	Tinny	Recreational	2	Travel	Planning	North	-	-	East
25/10/2009	11:15	Tinny	Recreational	2	Travel	Planning	South	Leave	-	East
25/10/2009	11:20	Kayak	Recreational	1	Travel	Displacement	South	-	Leave	-
25/10/2009	11:35	Cruiser	Recreational	3	Travel	Displacement	North	-	-	South
25/10/2009	11:45	Tinny	Recreational	4	Travel	Planning	South	Leave	-	East
25/10/2009	11:50	Sail	Recreational		Travel	Displacement	South	Leave	-	East
25/10/2009	12:15	Cruiser	Recreational	2	Travel	Displacement	North	-	-	East
25/10/2009	12:45	Tinny	Recreational	3	Travel	Planning	South	Leave	-	East
25/10/2009	13:05	Sail	Recreational	3	Travel	Displacement		-	-	East
25/10/2009	13:05	Tinny	Recreational	3	Travel	Planning	South	Leave	-	East
25/10/2009	13:10	Tinny	Recreational	3	Travel	Planning	North	Enter	-	East
25/10/2009	13:45	Tinny	Recreational	2	Travel	Planning	North	-	Leave	-
25/10/2009	14:25	Half cabin	Recreational	4	Travel	Planning	North	Enter	-	South
25/10/2009	14:30	Tinny	Recreational	3	Travel	Planning	South	Leave	-	East
25/10/2009	14:46	Sail	Recreational	1	Travel	Displacement	North	Enter	-	East
25/10/2009	15:00	Tinny	Commercial	2	Travel	Planning	North	-	Leave	South
25/10/2009	15:05	Tinny	Recreational	2	Travel	Planning	South	-	Leave	East
25/10/2009	15:10	Tinny	Recreational	2	Travel	Planning	South	Leave	-	East
25/10/2009	15:45	Tinny	Recreational	2	Travel	Planning	South	-	-	-
25/10/2009	15:50	Tinny	Recreational	2	Travel	Planning	South	-	-	East
25/10/2009	16:20	Sail	Recreational	2	Travel	Displacement	South	Leave	-	East
25/10/2009	17:00	Cruiser	Recreational	4	Travel	Displacement	North	Enter	-	South

25/10/2009	17:05	Tinny	Recreational	1	Travel	Planning	South	Leave	-	East
26/10/2009	06:00	Sail	Recreational	-	-	Anchored	-	Enter	-	-
26/10/2009	06:00	Sail	Recreational	-	-	Anchored	-	Enter	-	-
26/10/2009	06:00	Cruiser	Recreational	-	-	Anchored	-	Enter	-	-
26/10/2009	06:00	Half cabin	Recreational	-	-	Anchored	-	Enter	-	-
26/10/2009	06:00	Tanker	Commercial	-	-	Anchored	-	-	-	-
26/10/2009	06:00	Tanker	Commercial	-	-	Anchored	-	-	-	-
26/10/2009	07:00	Cruiser	Recreational	4	Travel	Displacement	South	Leave	-	South
26/10/2009	07:00	Sail	Recreational	2	Travel	Displacement	South	Leave	-	East
26/10/2009	08:05	Half cabin	Recreational	2	Travel	Displacement	South	Leave	-	South
26/10/2009	09:00	Fuel Tanker	Commercial		Re-fueling	Displacement	North	-	-	-
26/10/2009	09:30	Half cabin	Recreational	1	Travel	> 20	North	Enter	-	South
26/10/2009	10:05	Half cabin	Recreational	4	Travel	> 20	North	-	-	East
26/10/2009	10:25	tanker	Commercial	4	Fishing	Displacement	South	-	-	-
26/10/2009	10:40	Half cabin	Recreational	4	Travel	> 20	South	Leave	-	South
26/10/2009	12:00	Half cabin	Recreational	4	Travel	> 20	North	-	Leave	-
26/10/2009	14:20	Half cabin	Recreational	4	Travel	> 20	South	-	-	East
26/10/2009	16:10	Tinny	Commercial	2	Dredge Monitoring	Planning	North	-	-	South
26/10/2009	16:15	Tinny	Commercial	2	Crabbing/Fishing	Planning	North	-	-	South
26/10/2009	16:30	Cruiser	Recreational	2	Travel	Displacement	South	-	-	East
26/10/2009	16:40	Tinny	Commercial	2	Crabbing/Fishing	Planning	South	-	-	East
26/10/2009	18:00	Sail	Recreational	-	-	Anchored	-	Enter	-	-
29/10/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
29/10/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
29/10/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
29/10/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
29/10/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
29/10/2009	06:00	Cruiser	Commercial	-	Fishing	Anchored	-	-	-	-
29/10/2009	06:15	Sail	Recreational	-	Travel	Displacement	South	Leave	-	South
29/10/2009	07:13	Cruiser	Commercial	-	Fishing	Displacement	South	Leave	-	East
29/10/2009	08:57	Cruiser	Recreational	-	Fishing	Planning	South	Enter	Leave	-
29/10/2009	10:14	Sail	Recreational	-	Travel	Displacement	North	-	Enter	-
29/10/2009	11:32	Cruiser	Recreational	-	Fishing	Planning	North	Leave	Enter	-
29/10/2009	12:27	Sail	Recreational	2	Travel	Displacement	South	Leave	-	East

29/10/2009	12:30	Sail	Recreational	-	Travel	Displacement	North	Leave	Enter	-
29/10/2009	16:27	Cruiser	Recreational	-	Travel	Displacement	South	-	-	South
30/10/2009	06:00	Tinny	Commercial	1	Fishing	> 20	South	Leave	-	East
30/10/2009	06:10	Sail	Recreational	-	Travel	Anchored	-	-	-	-
30/10/2009	06:15	Trawler	Commercial	-	Fishing	Anchored	-	-	-	-
30/10/2009	07:55	Sail	Recreational	1	Travel	Displacement	South	-	Leave	East
30/10/2009	09:30	Sail	Recreational	2	Travel	Displacement	South	-	Leave	South
30/10/2009	10:26	Cruiser	Recreational	4	Fishing	p	South	-	Leave	East
30/10/2009	10:33	Tinny	Recreational	2	Fishing	> 20	North	Enter	-	East
30/10/2009	11:12	Tinny	Commercial	1	Fishing	> 20	North	Enter	-	East
30/10/2009	13:56	Sail	Recreational	2	Travel	Displacement	North	-	Enter	East
30/10/2009	14:32	Trawler	Commercial	-	Fishing	Displacement	South	Leave	-	East
30/10/2009	14:55	Tinny	Recreational	3	Fishing	> 20	North	Enter	-	East
30/10/2009	15:00	Tinny	Recreational	2	Fishing	> 20	South	Leave	-	East
30/10/2009	15:48	Tinny	Recreational	2	Fishing	Displacement	South	-	-	East
30/10/2009	16:02	Tinny	Recreational	3	Travel	> 20	North	Enter	-	East
30/10/2009	16:05	Tinny	Recreational	3	Travel	> 20	South	Leave	-	East
30/10/2009	16:15	Cruiser	Recreational	-	Travel	Planing	North	Enter	-	East
30/10/2009	17:22	Tinny	Recreational	2	Fishing	> 20	North	Enter	-	-
31/10/2009	06:00	Sail	Recreational	-	-	Anchored	-	Enter	-	-
31/10/2009	06:00	Cruiser	Recreational	-	-	Anchored	-	Enter	-	-
31/10/2009	06:00	Tinny	Commercial	2	Crabbing	Planing	North	-	-	South
31/10/2009	06:12	Tinny	Recreational	2	Crabbing/Fishing	Planing	North	-	-	South
31/10/2009	06:29	Tinny	Recreational	2	Crabbing/Fishing	Planing	South	-	-	South
31/10/2009	06:56	Tinny	Recreational	1	Travel	Planing	South	Leave	-	East
31/10/2009	07:40	Tinny	Recreational	2	Travel	> 20	North	-	-	East
31/10/2009	08:35	Tinny	Recreational	2	Fishing	> 20	North	-	Enter	-
31/10/2009	09:00	Tinny	Recreational	2	Crabbing	Planing	North	Enter	-	East
31/10/2009	09:35	Tinny	Commercial	2	Crabbing	Planing	South	-	-	South
31/10/2009	09:47	Tinny	Recreational	2	Fishing	Planing	North	Enter	-	East
31/10/2009	10:53	Cruiser	Recreational	10	Travel	Displacement	North	Enter	-	South
31/10/2009	10:58	Tinny	Recreational	2	Travel	> 20	South	-	Leave	South
31/10/2009	11:03	Cruiser	Recreational	2	Travel	> 20	South	Leave	-	South
31/10/2009	11:06	Tinny	Recreational	2	Fishing	Planing	North	-	Enter	-

31/10/2009	11:25	Tinny	Recreational	2	Travel	Planing	South	Leave	-	East
31/10/2009	11:51	Inflatable	Recreational	1	Travel	Planing	-	-	-	-
31/10/2009	13:05	Cruiser	Recreational	5	Travel	Displacement	North	Enter	-	South
31/10/2009	13:33	Tinny	Recreational	4	Travel	> 20	South	Enter	Leave	-
31/10/2009	13:40	Tinny	Recreational	2	Crabbing	Planing	North	-	Enter	East
31/10/2009	13:58	Tinny	Recreational	1	Travel	> 20	North	Enter	-	East
31/10/2009	15:56	Cruiser	Recreational	10	Travel	Displacement	South	Leave	-	South
31/10/2009	16:03	Tinny	Recreational	2	Crabbing	Planing	South	Leave	-	East
31/10/2009	16:34	Tinny	Recreational	2	Fishing	> 20	North	Enter	-	East
31/10/2009	16:41	Tinny	Recreational	1	Travel	Planing	South	Leave	-	East
31/10/2009	17:02	Cruiser	Recreational	5	Travel	Displacement	South	Leave	-	South
31/10/2009	17:35	Tinny	Recreational	1	Fishing	Planing	South	Leave	-	East
31/10/2009	18:00	Sail	Recreational	-	-	Anchored	-	Enter	-	-
31/10/2009	18:00	Cruiser	Recreational	-	-	Anchored	-	Enter	-	-
11/01/2009	06:00	Sail	Recreational	-	-	Anchored	-	Enter	-	-
11/01/2009	06:00	Cruiser	Recreational	-	-	Anchored	-	Enter	-	-
11/01/2009	06:40	Tinny	Commercial	1	Crabbing	Planing	North	Enter	-	East
11/01/2009	06:50	Half Cabin	Recreational	4	Fishing	> 20	North	-	-	East
11/01/2009	07:20	Half Cabin	Recreational	4	Fishing	> 20	South	-	Enter	-
11/01/2009	07:34	Tinny	Recreational	2	Fishing	> 20	North	-	Enter	East
11/01/2009	08:22	Cruiser	Recreational	> 3	Travel	Planing	South	-	-	South
11/01/2009	08:22	Cruiser	Recreational	> 2	Travel	Planing	South	-	-	South
11/01/2009	08:22	Cruiser	Recreational	> 2	Travel	Planing	South	-	-	South
11/01/2009	08:22	Cruiser	Recreational	> 4	Travel	Planing	South	-	-	South
11/01/2009	08:22	Cruiser	Recreational	> 4	Travel	Planing	South	-	-	South
11/01/2009	09:05	Tinny	Commercial	1	Crabbing	Planing	South	Leave	-	East
11/01/2009	09:23	Sail	Recreational	2	Travel	Displacement	South	-	-	South
11/01/2009	09:30	Tinny	Recreational	3	Travel	Planing	South	-	Leave	South
11/01/2009	09:30	Tinny	Recreational	-	Travel	Planing	South	-	Enter	-
11/01/2009	10:07	Tinny	Recreational	2	Travel	Planing	South	-	-	South
11/01/2009	10:15	Sail	Recreational	1	Travel	Displacement	South	Enter	-	-
11/01/2009	10:55	Cruiser	Recreational	4	Travel	Displacement	South	Leave	-	South
11/01/2009	11:50	Tinny	Commercial	2	Fishing	Planing	South	-	Leave	-
11/01/2009	18:00	Sail	Recreational	-	-	Anchored	-	Enter	-	-

11/01/2009	18:00	Cruiser	Recreational	-	-	Anchored	-	Enter	-	-
07/11/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
07/11/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
07/11/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
07/11/2009	06:00	sail	Recreational	-	-	Anchored	-	-	-	-
07/11/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
07/11/2009	06:20	Tinny	Recreational	2	Travel	Planing	North	Enter	-	East
07/11/2009	08:00	Half Cabin	Recreational	2	Crabbing	Planing	North	Enter	-	East
07/11/2009	08:05	Tinny	Recreational	2	fishing	Planing	North	Enter	-	East
07/11/2009	08:05	Tinny	Recreational	2	Fishing	Planing	North	Enter	-	east
07/11/2009	08:35	Tinny	Commercial	4	Research	Planing	North	-	-	East
07/11/2009	08:40	Tinny	Commercial	2	Research	Planing	North	-	-	East
07/11/2009	09:07	Tinny	Commercial	1	Crabbing	Planing	North	-	-	East
07/11/2009	09:30	Tinny	Recreational	2	Travel	Planing	North	-	-	east
07/11/2009	09:40	Half Cabin	Recreational	-	Travel	Planing	North	-	Leave	-
07/11/2009	09:53	tinny	Recreational	-	Travel	Planing	North	-	Leave	-
07/11/2009	10:00	Half Cabin	Recreational	3	Travel	Planing	North	-	-	East
07/11/2009	10:20	Tinny	Commercial	1	Crabbing	Planing	North	Enter	-	East
07/11/2009	10:25	Tinny	Recreational	2	Fishing	Planing	North	Enter	-	East
07/11/2009	10:50	Sail	Recreational	2	Travel	Displacement	South	Leave	-	South
07/11/2009	11:05	Tinny	Recreational	-	Travel	Planing	-	-	-	-
07/11/2009	11:24	Tinny	Recreational	2	travel	Planing	South	Leave	-	East
07/11/2009	11:24	Tinny	Recreational	2	travel	Planing	South	Leave	-	East
07/11/2009	11:30	Tinny	Commercial	1	Crabbing	Planing	South	-	-	East
07/11/2009	11:37	Tinny	Recreational	3	Travel	Planing	North	Enter	-	East
07/11/2009	11:39	Sail	Recreational	2	Travel	Displacement	South	Enter	-	-
07/11/2009	11:40	Tinny	Commercial	4	Research	Planing	South	-	-	East
07/11/2009	11:44	Tinny	Commercial	2	Research	Plaining	South	-	-	East
07/11/2009	11:54	Tinny	Commercial	1	Crabbing	Planing	South	Leave	-	East
07/11/2009	11:55	Tinny	Recreational	2	Travel	Planing	North	-	Enter	South
07/11/2009	12:00	Tinny	Recreational	2	Travel	planing	South	Leave	-	East
07/11/2009	12:15	Cruiser	Recreational	4	Travel	Displacement	North	-	-	East
07/11/2009	12:18	Half Cabin	Recreational	2	Travel	Planing	South	-	Leave	East
07/11/2009	12:50	Tinny	Recreational	2	Travel	Planing	South	-	-	East

07/11/2009	13:02	Cruiser	Recreational	2	travel	Displacement	South	Enter	-	-
07/11/2009	13:05	Jetski	Recreational	1	Travel	Planing	South	Enter	-	-
07/11/2009	13:05	Jetski	Recreational	1	Travel	Planing	South	Enter	-	-
07/11/2009	13:05	Jetski	Recreational	1	Travel	Planing	South	Enter	-	-
07/11/2009	13:35	Jetski	Recreational	1	Travel	Planing	South	Leave	-	South
07/11/2009	13:35	Jetski	Recreational	1	Travel	Planing	South	Leave	-	South
07/11/2009	13:35	Jetski	Recreational	1	Travel	Planing	South	Leave	-	South
07/11/2009	14:10	Half Cabin	Recreational	6	Travel	Planing	South	-	-	East
07/11/2009	14:15	Tinny	Recreational	2	Travel	Planing	South	Leave	-	East
07/11/2009	14:27	Tinny	Commercial	1	Crabbing	Planing	South	Leave	-	East
07/11/2009	15:45	Tinny	Recreational	3	Travel	Planing	South	Leave	-	East
07/11/2009	15:56	Tinny	Recreational	2	travel	Planing	North	Enter	-	East
07/11/2009	18:00	Sail	Recreational	-	-	Anchored	-	-	-	-
07/11/2009	18:00	Sail	Recreational	-	-	Anchored	-	-	-	-
07/11/2009	18:00	Sail	Recreational	-	-	Anchored	-	-	-	-
07/11/2009	18:00	Sail	Recreational	-	-	Anchored	-	-	-	-
07/11/2009	18:00	Sail	Recreational	-	-	Anchored	-	-	-	-
07/11/2009	18:00	Sail	Recreational	-	-	Anchored	-	-	-	-
08/11/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
08/11/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
08/11/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
08/11/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
08/11/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
08/11/2009	06:00	Sail	Recreational	-	-	Anchored	-	-	-	-
08/11/2009	07:50	Cruiser	Recreational	5	Travel	Displacement	North	Enter	-	East
08/11/2009	08:11	Sail	Recreational	2	Travel	Displacement	South	Leave	-	East
08/11/2009	09:20	Half Cabin	Recreational	2	Travel	Planing	North	-	-	east
08/11/2009	09:22	Half Cabin	Recreational	5	Travel	Planing	North	Enter/Leave	-	East
08/11/2009	09:39	Half Cabin	Recreational	6	Travel	Planing	North	Enter	-	East
08/11/2009	09:42	Half Cabin	Recreational	3	Travel	Planing	North	-	-	South
08/11/2009	09:42	Cruiser	Commercial	4	Travel	Planing	North	Enter/Leave	-	East
08/11/2009	09:47	Half Cabin	Recreational	2	Travel	Planing	North	Enter/Leave	-	South
08/11/2009	09:48	Half Cabin	Recreational	2	Travel	Planing	North	Enter/Leave	-	South
08/11/2009	09:49	Half Cabin	Recreational	2	Travel	Planing	North	Enter/Leave	-	South

08/11/2009	09:54	Tinny	Recreational	4	travel	Planing	North	Enter/Leave	-	East
08/11/2009	09:54	Tinny	Commercial	2	travel	Planing	North	Enter/Leave	-	East
08/11/2009	09:56	Tinny	Recreational	3	Travel	Planing	North	Enter/Leave	-	East
08/11/2009	09:56	Cruiser	Recreational	4	Travel	Planing	North	Enter/Leave	-	East
08/11/2009	09:59	Half Cabin	Recreational	2	Travel	Planing	North	Enter/Leave	-	East
08/11/2009	10:00	Tinny	Commercial	1	Crabbing	Planing	North	-	-	East
08/11/2009	10:02	Tinny	Recreational	2	Travel	Planing	North	Enter/Leave	-	East
08/11/2009	10:08	Sail	Recreational	2	Travel	Planing	North	Enter	-	East
08/11/2009	10:08	Cruiser	Recreational	5	Travel	Planing	North	Enter	-	East
08/11/2009	10:11	Half Cabin	Recreational	4	Travel	Planing	North	Enter/Leave	-	East
08/11/2009	10:15	Cruiser	Recreational	6	Travel	Displacement	North	Enter/Leave	-	South
08/11/2009	10:15	Tinny	Commercial	3	Travel	Planing	North	Enter/Leave	-	East
08/11/2009	10:28	Half Cabin	Recreational	4	Travel	Planing	North	Enter/leave	-	East
08/11/2009	10:28	Half Cabin	Recreational	2	travel	Planing	North	Enter/leave	-	East
08/11/2009	10:30	Half Cabin	Recreational	3	Travel	Planing	North	Enter/Leave	-	East
08/11/2009	10:32	Half Cabin	Recreational	2	Travel	Planing	North	Enter/Leave	-	East
08/11/2009	10:34	Half Cabin	Recreational	5	Travel	Planing	North	Enter/Leave	-	East
08/11/2009	10:34	Sail	Recreational	2	Travel	Displacement	North	Enter/Leave	-	East
08/11/2009	10:42	Tinny	Recreational	5	Travel	Planing	North	Enter/Leave	-	East
08/11/2009	10:48	Sail	Recreational	6	Travel	Displacement	North	Enter/Leave	-	East
08/11/2009	10:48	Half Cabin	Recreational	8	Travel	Planing	North	Enter/Leave	-	South
08/11/2009	10:48	Tinny	Recreational	2	Fishing	Planing	North	Enter	-	East
08/11/2009	10:53	Tinny	Commercial	1	Crabbing	Planing	North	-	-	East
08/11/2009	10:56	Sail	Recreational	3	Travel	Planing	North	Enter	-	South
08/11/2009	11:06	Half Cabin	Recreational	6	Travel	Displacement	South	Leave	-	East
08/11/2009	12:00	Half Cabin	Recreational	3	Travel	Planing	North	Enter	-	East
08/11/2009	12:24	Cruiser	Recreational	2	Travel	Displacement	North	Enter	-	East
08/11/2009	12:52	Half Cabin	Recreational	5	travel	Planing	South	Enter/Leave	-	East
08/11/2009	12:55	Sail	Recreational	2	Travel	Displacement	South	Leave	-	East
08/11/2009	12:58	Tinny	Recreational	4	Travel	Planing	South	Enter/Leave	-	East
08/11/2009	12:58	Tinny	Commercial	2	Travel	Planing	South	-	-	East
08/11/2009	13:00	Tinny	Commercial	1	Crabbing	Planing	South	-	-	East
08/11/2009	13:05	Sail	Recreational	3	Travel	Displacement	South	Leave	-	South
08/11/2009	13:20	Cruiser	Recreational	4	Travel	Planing	South	Enter/Leave	-	East

08/11/2009	13:24	Sail	Recreational	2	Travel	Displacement	South	Leave	-	East
08/11/2009	13:25	Half Cabin	Recreational	3	Travel	Planing	South	Enter/Leave	-	East
08/11/2009	13:38	Half Cabin	Recreational	2	Travel	Planing	South	Enter/leave	-	South
08/11/2009	13:38	Half Cabin	Recreational	2	Travel	Planing	South	Enter/Leave	-	South
08/11/2009	13:41	Half Cabin	Recreational	2	Travel	Planing	South	Enter/Leave	-	East
08/11/2009	13:43	Tinny	Commercial	1	Crabbing	Planing	South	-	-	East
08/11/2009	13:44	Half Cabin	Recreational	3	Travel	Planing	South	Enter/Leave	-	South
08/11/2009	13:45	Half Cabin	Recreational	2	Travel	Planing	South	Enter/Leave	-	East
08/11/2009	13:48	Tinny	Recreational	2	fishing	Planing	South	Leave	-	East
08/11/2009	13:56	Tinny	Recreational	5	Travel	Planing	South	Enter/Leave	-	East
08/11/2009	14:05	Half Cabin	Recreational	4	Travel	Planing	South	Enter/Leave	-	East
08/11/2009	14:09	Half Cabin	Recreational	3	Travel	Planing	South	Enter/Leave	-	South
08/11/2009	14:17	Half Cabin	Recreational	2	Travel	Planing	South	Enter/Leave	-	East
08/11/2009	14:20	Cruiser	Recreational	5	Travel	Planing	South	Enter/Leave	-	east
08/11/2009	14:31	Half Cabin	Recreational	2	Travel	Planing	South	-	-	South
08/11/2009	14:39	Sail	Recreational	6	Travel	Displacement	South	-	-	East
08/11/2009	14:44	Cruiser	Recreational	-	Travel	Displacement	South	-	-	East
08/11/2009	14:44	Tinny	Commercial	2	Crabbing	Planing	North	-	-	South
08/11/2009	14:50	Tinny	Recreational	2	Travel	Planing	South	Enter/Leave	-	East
08/11/2009	15:06	Tinny	Commercial	2	Crabbing	Planing	South	-	-	East
08/11/2009	15:06	Half Cabin	Recreational	2	Travel	Planing	South	Enter/Leave	-	East
08/11/2009	15:10	Cruiser	Recreational	3	Travel	Planing	South	Enter/Leave	-	East
08/11/2009	15:15	Half Cabin	Commercial	4	Travel	Planing	South	Enter/leave	-	east
08/11/2009	15:15	Tinny	Commercial	3	Travel	Planing	South	Enter/leave	-	East
08/11/2009	15:17	Half Cabin	Recreational	2	Travel	Planing	South	-	-	East
08/11/2009	15:17	Cruiser	Recreational	5	Travel	Displacement	South	Leave	-	East
08/11/2009	18:00	Sail	Recreational	-	-	Anchored	-	-	-	-
08/11/2009	18:00	Sail	Recreational	-	-	Anchored	-	-	-	-
08/11/2009	18:00	Sail	Recreational	-	-	Anchored	-	-	-	-
08/11/2009	18:00	Sail	Recreational	-	-	Anchored	-	-	-	-
08/11/2009	18:00	Sail	Recreational	-	-	Anchored	-	-	-	-



