

Navigation Charges 2014/15

Report by Chief Executive and Collector of Tolls

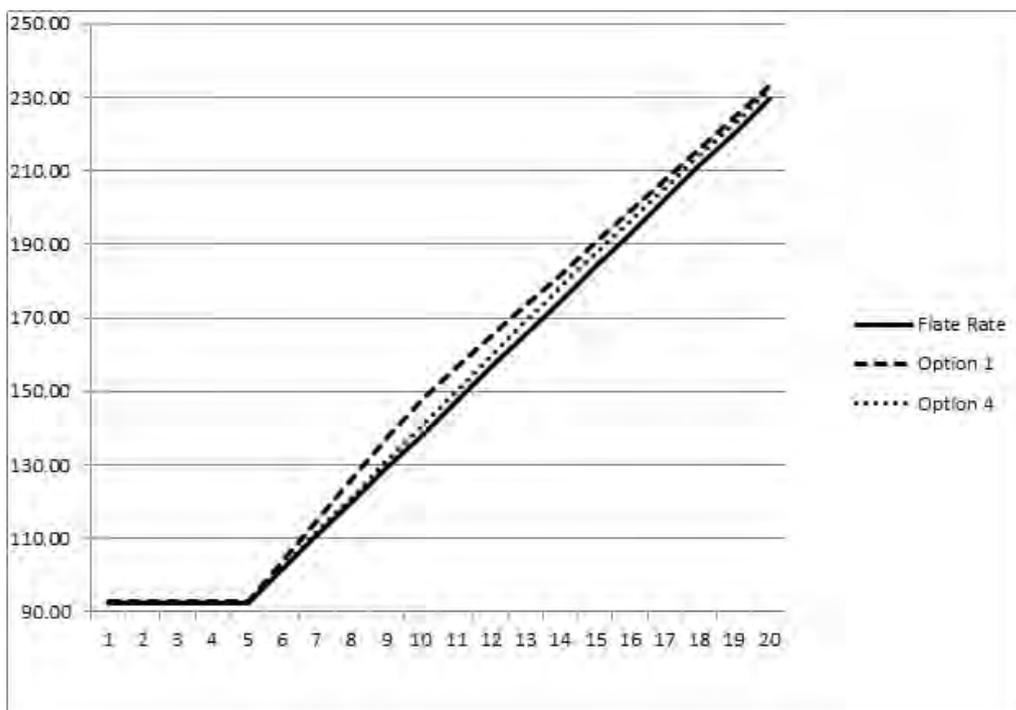
Summary: The Chairman of the Navigation Committee has asked for an urgent meeting so that the Committee can reconsider its recommendation to the Authority on navigation charges for 2014/15 in the light of a revised proposal from the Norfolk and Suffolk Boating Association (NSBA) and the Broads Hire Boat Federation (BHBF).

1 October Navigation Committee

1.1 At its last meeting on 24 October 2013 the Committee considered three options for apportionment of an overall 2.8% increase in Navigation Income for 2014/15. By 7 votes to 4 the Committee agreed to recommend Option 1, a proposal developed by the NSBA and BHBF.

1.2 On 31 October 2013 a revised proposal (Option 4) was sent to the Authority by the NSBA and BHBF and discussed with officers on 1 November 2013. Compared to the first proposal the revised submission:

- (i) reduces the shift in contribution from hire to private fleets from £15,000 to £9,900;
- (ii) reduces the overall level of income by £3,200;
- (iii) moderates the impact on smaller craft by spreading the accelerated rise for smaller craft so that it is distributed more widely as illustrated in the following graph.



- 1.3 While these options do not look substantially different in terms of the financial impact on individual toll-payers, the underlying principles and approaches behind these options are different in important ways.

2 Evaluation of Options

- 2.1 The main advantages and disadvantages of the four options are set out below together with the impact of the different options on private boats and an evaluation against the seven Guiding Principles for Broads Tolls adopted by the Authority last year.

Table 1 – Advantages and Disadvantages of the Four Options

	NSBA/BHBF Options 1 and 4	Flat Rate Increase Option 2	Flat Rate plus Multiplier Change – Option 3
Advantages	Responds to the concerns of the Hire Boat Industry through reduced increases	All boats have the same percentage increase	Responds to the concerns of the Hire Boat Industry through reduced increases
	Reduces the costs for the larger private and hire boats	Relatively uncontroversial – has been done before	Flat rate increase for all private craft so smaller boats whose numbers have declined have the same % increase as larger craft
	Result of consultation with BHBF members and NSBA officers	Retains the underlying principles for tolls structure and allows time for a wider consultation exercise	Retains the underlying principles for tolls structure and allows time for a wider consultation exercise
Disadvantages	Boats between 6 and 24m ² would see higher percentage increases than average and higher than their larger counterparts	Doesn't respond to the concerns of the hire boat industry in the short term	Makes further changes to the multiplier on a similar basis as before without full evidence
	Changes the 2009 and 2013 principle of smaller boats paying a reduced toll	Does not respond to the work behind the BHBF and NSBA proposals	Does not completely respond to the work behind the BHBF and NSBA proposals

Table 2 Impact of the Four Options on Private Boat Owners

Number of Private Boats	NSBA/BHBF Option 1	Flat Rate Increase of 2.8%	Flat Rate + Multiplier Change	NSBA/BHBF Option 4
Reduction	126 Boats 48m ² & over	0	0	0
0-2.8%	1,947	11,089	0	1,263 Boats over 30m ²
>2.8% to <4%	4,525	0	11,089	6,570
4% to <8%	3,323	0	0	3,256 Boats 8-19m ²
8%+	1,168 Boats 9-12m ²	0	0	0

Table 3 Analysis of the Four Options according to the Guiding Principles

Guiding Principle	NSBA/BHBF Option 1	Flat Rate Increase of 2.8%	Flat Rate + Multiplier Change	NSBA/BHBF Option 4
Size of the vessel - Impact on the navigation area - Perceived ability to pay - Greater impact on the system	Introduces variation in the relationship between size of vessel and amount paid as well as a small change in the multiplier	The existing tolls structure has a direct relationship for private motor craft between size and the level of charge	Reduces the multiplier but maintains the current relationship between size and charge	Introduces variation in the relationship between size of vessel and amount paid as well as a small change in the multiplier
Usage of the Navigation Area	Reduces the differential for hire boats	Maintains the existing hire boat multiplier	Reduces the differential for hire boats	Reduces the differential for hire boats
Environmental Impact	Generally larger craft have a larger environmental impact but have a lower percentage increase under this option	Maintains existing relationship for all craft	Maintains existing relationship for all craft	Generally larger craft have a larger environmental impact but have a lower percentage increase under this option
Economic Impact	Has regard to the impact on the local industry but not the impact on the small boat owner	Doesn't have regard to the financial challenges faced by the local industry	Flat rate increase for the private owner and has regard to the financial challenges faced by the local industry	Has regard to the impact on the local industry but not the impact on the small boat owner
Social Impact	Adverse impact on small motor boats	Maintains existing relationship for private owners	Maintains existing relationship for private owners	Adverse impact on small motor boats
Fairness	Difficult to justify that it is "understandably fair"	Maintains parity for private owner	Above inflation but flat rate increase for private owners to support hire industry	Difficult to justify that it is "understandably fair"
Value for Money	Charges proposed reduce the value for money for smaller private craft compared to other waterways and improve it for hired craft	Existing gap with other waterways maintained	The reduction in the multiplier improves the value for money for hired craft compared to other waterways while maintaining the gap for private craft	Charges proposed reduce the value for money for smaller private craft compared to other waterways and improve it for hired craft

2.2 These tables identify some key questions for the Committee to consider:

- (i) With the reductions in the number of smaller boats highlighted in the report to the October meeting, what is the evidence that would justify an above average increase for the smaller private boats between 8m² and 19 m² in Options 1 and 4?
- (ii) With the increased numbers of larger boats registering on the Broads, what is the economic justification for a below inflationary increase for the larger private boats in Options 1 and 4?
- (iii) The key differences between the four options appear to concern the treatment of the hire boat industry and the impact on different sized craft.

How should the Authority seek to resolve this issue for 2014?

2.3 Indicative figures for the four options are shown in the Table below with more detailed information contained in Appendix 2.

Table 4 Approximate figures for the four options for Navigation Charges in 2014/15 generating a 2.8% increase in income

Example Tolls	Existing	Option 1 NSBA/ BHBF Proposal			Option 2 Flat Rate Increase			Option 3 Flat Rate Increase + Multiplier Δ			Option 4 NSBA/ BHBF Proposal 2		
	Toll 2013/ 14	Toll 2014/ 15	Δ ^Δ	Δ□	Toll 2014/ 15	Δ ^Δ	Δ□	Toll 2014/ 15	Δ ^Δ	Δ□	Toll 2014/ 15	Δ ^Δ	Δ□
Private													
Canoe	£28.88	£29.75	£0.87	3.0	£29.69	£0.81	2.8	£29.95	£1.07	3.7	£29.75	£0.87	3.0
Motor 5m ²	£90.00	£92.70	£2.70	3.0	£92.52	£2.25	2.8	£93.34	£3.34	3.7	£92.70	£2.70	3.0
Sail 5m ²	£45.00	£46.35	£1.35	3.0	£46.26	£1.26	2.8	£46.64	£1.64	3.7	£46.35	£1.35	3.0
Motor 11m ²	£143.28	£156.41	£13.13	9.2	£147.30	£4.02	2.8	£148.60	£5.32	3.7	£149.94	£6.66	4.6
Sail 11m ²	£71.64	£78.21	£6.57	9.2	£73.62	£1.98	2.8	£74.24	£2.60	3.6	£74.97	£3.33	4.6
Motor Sail 18m ²	£154.08	£162.68	£8.60	5.5	£158.40	£4.32	2.8	£159.85	£5.77	3.7	£159.82	£5.74	3.7
Motor 25m ²	£267.60	£275.55	£7.95	3.0	£275.12	£7.52	2.8	£277.54	£9.94	3.7	£276.46	£8.86	3.3
Motor Sail 25m ²	£200.70	£207.62	£6.92	3.4	£206.35	£5.65	2.8	£208.22	£7.52	3.7	£206.44	£5.74	2.9
Motor 38m ²	£383.04	£386.18	£3.14	0.8	£393.81	£10.77	2.8	£397.27	£14.23	3.7	£392.16	£9.12	2.4
Motor 48m ²	£471.84	£471.28	£-0.56	-0.1	£485.11	£13.27	2.8	£489.37	£17.53	3.7	£481.16	£9.32	2.0
Motor 86m ²	£809.28	£794.66	£-14.62	-1.8	£832.05	£22.77	2.8	£839.35	£30.07	3.7	£819.36	£10.08	1.2
Private Income		£1,801,100			£1,786,000			£1,801,600			£1,795,900		
Hire Boats													
Motor 11m ²	£422.68	£461.41	£38.73	9.2	£434.54	£11.86	2.8	£445.80	£23.12	5.5	£442.32	£19.65	4.6
Motor 25m ²	£709.14	£727.46	£18.32	2.6	£729.07	£19.93	2.8	£713.28	£4.14	0.6	£724.33	£15.19	2.1
Motor 38m ²	£1,015.06	£1,019.52	£4.46	0.4	£1,043.60	£28.54	2.8	£1,020.98	£5.92	0.6	£1,027.46	£12.40	1.2
Motor 48m ²	£1,250.38	£1,244.18	£-6.20	-0.5	£1,285.54	£35.17	2.8	£1,257.68	£7.30	0.6	£1,260.64	£10.26	0.8
Motor 55m ²	£1,415.10	£1,401.44	£-13.66	-1.0	£1,454.90	£39.80	2.8	£1,423.37	£8.27	0.6	£1,423.87	£8.77	0.6
Hire Boat Income		£1,118,600			£1,133,100			£1,116,500			£1,120,600		
TOTAL Income		£2,919,700			£2,919,100			£2,918,100			£2,916,500		

3 Conclusions

3.1 The revised NSBA/BHBF proposal has moved closer to Options 2 and 3 which are based on flat rate increases for private craft. However, Options 1 and 4 are still different from the others because, on a percentage basis, the increases are higher for smaller private craft. Adoption of either of these options would represent a change of direction in policy for the Authority which has sought to narrow the relative differences (See Table below) with other waterways such as the Thames, by reducing the costs for smaller vessels. Members may wish to consider the evidence in support of this change in the direction of travel and how it relates to the Guiding Principles adopted last year.

Size	Thames	Broads	Broads Tolls as a Percentage of the Thames
6m ²	£104.52	£98.88	94%
10m ²	£174.20	£134.40	77%
21m ²	£365.82	£232.08	63%
50m ²	£871.00	£489.60	56%
85m ²	£1443.60	£800.40	55%

3.2 The NSBA and BHBF have commended their approach for the coming year to the Authority on the basis that their proposals are “Righting a wrong”. The NSBA website states that last year’s decision:

“hit larger craft disproportionately hard, whereas smaller craft have benefited from reduced tolls. In addition, that structure has meant that the hire boat industry, a major component in the local economy, has been particularly badly hit by the tolls increases. These effects had not been adequately considered when the Authority made its tolls decision in 2012.”

3.3 The Navigation Committee and the Broads Authority will need to consider carefully whether in reaching last year’s decision on the structure of tolls the Authority failed to take the effects into consideration, thus leaving a wrong to be righted. The NSBA and BHBF are offering a different view on the direction of travel for navigation charges. Rather than endorsing the merits of reducing charges for smaller boats and increasing them for larger boats to bridge the relativity gap with other waterways, they are proposing, in Options 1 and 4, different stages of reversing this trend. The Committee is therefore asked to give its advice as to:

- a) whether the Options presented mark a fundamental change in the Authority’s approach to the issue, and, if so
- b) what evidence there is for a change of approach?

3.4 The findings from the in-depth survey of Broads’ boat users, which will be carried out in the New Year, may help in deciding on whether a change in direction is justified.

Background papers: None

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Broads Plan Objectives: None

Appendices: APPENDIX 1 – Tolls: Guiding Principles and Criteria
APPENDIX 2 – Detailed costs for the Four Options

Tolls - Guiding Principles and Criteria

Overarching strategic principles

Options for changing the structure and the system for collecting navigation charges in the Broads will be judged using the following guiding principles. The structure of charges will take into account:

- (1) **Size of the vessel:**
 - Impact on the navigation area, i.e. generally the bigger the vessel the more impact it is likely to have
 - Perceived ability to pay, i.e. generally the larger the vessel the more valuable
 - Greater impact on the system, e.g. the larger the vessel the more space taken up
- (2) **Usage of the navigation area:** The owners of hire boats should pay more on the basis that their boats use the system and facilities more than private boats.
- (3) **Environmental impact:** Encouraging certain means of propulsion because of lower environmental impact – electric and non-powered craft (e.g. sailing, rowing, canoeing)
- (4) **Economic impact:** Having regard to the impact on both the private owner and the important local tourism industry.
- (5) **Social Impact:** Encouraging more participation in boating, particularly from new entrants and young people, with the aim of promoting health and well-being and the enjoyment of the special qualities of the area.
- (6) **Fairness:** Justifiably and understandably fair when applied and encompassing the full spectrum of users and uses.
- (7) **Value for Money:** Charges compare favourably with other waterways whilst generating the required revenue.

The effectiveness of changes to the system will be judged using the following attributes and criteria.

Attributes	Criteria for comparison
System is cost effective to administer i.e. cost remains low (currently around 4% toll income)	(i) Annual administration costs
System is easily understood by all users	(ii) Ease with which the system is understood at point of use (Schedule of Tolls)
System is easily used by customers	(iii) Ease of payment
Structure and charges reflect the seven principles: (1) Size of the vessel (2) Usage of the navigation area; (3) Environmental impact; (4) Economic impact; (5) Social impact; (6) Fairness; and (7) Value for money.	(iv) The structure of the tolls
Charges are enforceable at lowest possible cost	(v) Cost and Ease of Enforcement
System is capable of adjustments in line with guiding principles and without requiring major revision.	(vi) Adaptability

Private Motor Craft

BlockArea	2012	Toll	Option 1			Option 2			Option 3			Option 4			
			NSBA/BHBF Proposal			Flat Rate Increase			Flat Rate Increase + MultiplierΔ			NSBA/BHBF Proposal 2			
			Toll	2014/15	Δ£	Δ%	Toll	2014/15	Δ£	Δ%	Toll	2014/15	Δ£	Δ%	Toll
5 & under	731	£90.00	£92.70	£2.70	3.0	£92.52	£2.52	2.8	£93.34	£3.34	3.7	£92.70	£2.70	3.0	
6	231	£98.88	£103.74	£4.86	4.9	£101.65	£2.77	2.8	£102.55	£3.67	3.7	£102.24	£3.36	3.4	
7	168	£107.76	£114.78	£7.02	6.5	£110.78	£3.02	2.8	£111.76	£4.00	3.7	£111.78	£4.02	3.7	
8	159	£116.64	£125.82	£9.18	7.9	£119.91	£3.27	2.8	£120.97	£4.33	3.7	£121.32	£4.68	4.0	
9	160	£125.52	£136.86	£11.34	9.0	£129.04	£3.52	2.8	£130.18	£4.66	3.7	£130.86	£5.34	4.3	
10	188	£134.40	£147.90	£13.50	10.0	£138.17	£3.77	2.8	£139.39	£4.99	3.7	£140.40	£6.00	4.5	
11	278	£143.28	£156.41	£13.13	9.2	£147.30	£4.02	2.8	£148.60	£5.32	3.7	£149.94	£6.66	4.6	
12	273	£152.16	£164.92	£12.76	8.4	£156.43	£4.27	2.8	£157.81	£5.65	3.7	£159.48	£7.32	4.8	
13	167	£161.04	£173.43	£12.39	7.7	£165.56	£4.52	2.8	£167.02	£5.98	3.7	£169.02	£7.98	5.0	
14	218	£169.92	£181.94	£12.02	7.1	£174.69	£4.77	2.8	£176.23	£6.31	3.7	£178.56	£8.64	5.1	
15	275	£178.80	£190.45	£11.65	6.5	£183.82	£5.02	2.8	£185.44	£6.64	3.7	£187.46	£8.66	4.8	
16	169	£187.68	£198.96	£11.28	6.0	£192.95	£5.27	2.8	£194.65	£6.97	3.7	£196.36	£8.68	4.6	
17	123	£196.56	£207.47	£10.91	5.6	£202.08	£5.52	2.8	£203.86	£7.30	3.7	£205.26	£8.70	4.4	
18	141	£205.44	£215.98	£10.54	5.1	£211.21	£5.77	2.8	£213.07	£7.63	3.7	£214.16	£8.72	4.2	
19	121	£214.32	£224.49	£10.17	4.7	£220.34	£6.02	2.8	£222.28	£7.96	3.7	£223.06	£8.74	4.1	
20	156	£223.20	£233.00	£9.80	4.4	£229.47	£6.27	2.8	£231.49	£8.29	3.7	£231.96	£8.76	3.9	
21	199	£232.08	£241.51	£9.43	4.1	£238.60	£6.52	2.8	£240.70	£8.62	3.7	£240.86	£8.78	3.8	
22	355	£240.96	£250.02	£9.06	3.8	£247.73	£6.77	2.8	£249.91	£8.95	3.7	£249.76	£8.80	3.7	
23	220	£249.84	£258.53	£8.69	3.5	£256.86	£7.02	2.8	£259.12	£9.28	3.7	£258.66	£8.82	3.5	
24	103	£258.72	£267.04	£8.32	3.2	£265.99	£7.27	2.8	£268.33	£9.61	3.7	£267.56	£8.84	3.4	
25	86	£267.60	£275.55	£7.95	3.0	£275.12	£7.52	2.8	£277.54	£9.94	3.7	£276.46	£8.86	3.3	
26	87	£276.48	£284.06	£7.58	2.7	£284.25	£7.77	2.8	£286.75	£10.27	3.7	£285.36	£8.88	3.2	
27	134	£285.36	£292.57	£7.21	2.5	£293.38	£8.02	2.8	£295.96	£10.60	3.7	£294.26	£8.90	3.1	
28	169	£294.24	£301.08	£6.84	2.3	£302.51	£8.27	2.8	£305.17	£10.93	3.7	£303.16	£8.92	3.0	
29	125	£303.12	£309.59	£6.47	2.1	£311.64	£8.52	2.8	£314.38	£11.26	3.7	£312.06	£8.94	2.9	
30	111	£312.00	£318.10	£6.10	2.0	£320.77	£8.77	2.8	£323.59	£11.59	3.7	£320.96	£8.96	2.9	
31	85	£320.88	£326.61	£5.73	1.8	£329.90	£9.02	2.8	£332.80	£11.92	3.7	£329.86	£8.98	2.8	
32	62	£329.76	£335.12	£5.36	1.6	£339.03	£9.27	2.8	£342.01	£12.25	3.7	£338.76	£9.00	2.7	
33	105	£338.64	£343.63	£4.99	1.5	£348.16	£9.52	2.8	£351.22	£12.58	3.7	£347.66	£9.02	2.7	
34	74	£347.52	£352.14	£4.62	1.3	£357.29	£9.77	2.8	£360.43	£12.91	3.7	£356.56	£9.04	2.6	
35	103	£356.40	£360.65	£4.25	1.2	£366.42	£10.02	2.8	£369.64	£13.24	3.7	£365.46	£9.06	2.5	
36	70	£365.28	£369.16	£3.88	1.1	£375.55	£10.27	2.8	£378.85	£13.57	3.7	£374.36	£9.08	2.5	
37	105	£374.16	£377.67	£3.51	0.9	£384.68	£10.52	2.8	£388.06	£13.90	3.7	£383.26	£9.10	2.4	
38	102	£383.04	£386.18	£3.14	0.8	£393.81	£10.77	2.8	£397.27	£14.23	3.7	£392.16	£9.12	2.4	
39	59	£391.92	£394.69	£2.77	0.7	£402.94	£11.02	2.8	£406.48	£14.56	3.7	£401.06	£9.14	2.3	
40	55	£400.80	£403.20	£2.40	0.6	£412.07	£11.27	2.8	£415.69	£14.89	3.7	£409.96	£9.16	2.3	
41	64	£409.68	£411.71	£2.03	0.5	£421.20	£11.52	2.8	£424.90	£15.22	3.7	£418.86	£9.18	2.2	
42	65	£418.56	£420.22	£1.66	0.4	£430.33	£11.77	2.8	£434.11	£15.55	3.7	£427.76	£9.20	2.2	
43	37	£427.44	£428.73	£1.29	0.3	£439.46	£12.02	2.8	£443.32	£15.88	3.7	£436.66	£9.22	2.2	
44	22	£436.32	£437.24	£0.92	0.2	£448.59	£12.27	2.8	£452.53	£16.21	3.7	£445.56	£9.24	2.1	
45	17	£445.20	£445.75	£0.55	0.1	£457.72	£12.52	2.8	£461.74	£16.54	3.7	£454.46	£9.26	2.1	
46	40	£454.08	£454.26	£0.18	0.0	£466.85	£12.77	2.8	£470.95	£16.87	3.7	£463.36	£9.28	2.0	
47	19	£462.96	£462.77	£-0.19	0.0	£475.98	£13.02	2.8	£480.16	£17.20	3.7	£472.26	£9.30	2.0	
48	25	£471.84	£471.28	£-0.56	-0.1	£485.11	£13.27	2.8	£489.37	£17.53	3.7	£481.16	£9.32	2.0	
49	11	£480.72	£479.79	£-0.93	-0.2	£494.24	£13.52	2.8	£498.58	£17.86	3.7	£490.06	£9.34	1.9	
50	7	£489.60	£488.30	£-1.30	-0.3	£503.37	£13.77	2.8	£507.79	£18.19	3.7	£498.96	£9.36	1.9	
51	11	£498.48	£496.81	£-1.67	-0.3	£512.50	£14.02	2.8	£517.00	£18.52	3.7	£507.86	£9.38	1.9	
52	9	£507.36	£505.32	£-2.04	-0.4	£521.63	£14.27	2.8	£526.21	£18.85	3.7	£516.76	£9.40	1.9	
53	4	£516.24	£513.83	£-2.41	-0.5	£530.76	£14.52	2.8	£535.42	£19.18	3.7	£525.66	£9.42	1.8	
54	18	£525.12	£522.34	£-2.78	-0.5	£539.89	£14.77	2.8	£544.63	£19.51	3.7	£534.56	£9.44	1.8	
55	7	£534.00	£530.85	£-3.15	-0.6	£549.02	£15.02	2.8	£553.84	£19.84	3.7	£543.46	£9.46	1.8	
56	2	£542.88	£539.36	£-3.52	-0.6	£558.15	£15.27	2.8	£563.05	£20.17	3.7	£552.36	£9.48	1.7	
57	4	£551.76	£547.87	£-3.89	-0.7	£567.28	£15.52	2.8	£572.26	£20.50	3.7	£561.26	£9.50	1.7	
58	1	£560.64	£556.38	£-4.26	-0.8	£576.41	£15.77	2.8	£581.47	£20.83	3.7	£570.16	£9.52	1.7	
60	4	£578.40	£573.40	£-5.00	-0.9	£594.67	£16.27	2.8	£599.89	£21.49	3.7	£587.96	£9.56	1.7	
62	3	£596.16	£590.42	£-5.74	-1.0	£612.93	£16.77	2.8	£618.31	£22.15	3.7	£605.76	£9.60	1.6	
63	1	£605.04	£598.93	£-6.11	-1.0	£622.06	£17.02	2.8	£627.52	£22.48	3.7	£614.66	£9.62	1.6	
64	1	£613.92	£607.44	£-6.48	-1.1	£631.19	£17.27	2.8	£636.73	£22.81	3.7	£623.56	£9.64	1.6	
68	1	£649.44	£641.48	£-7.96	-1.2	£667.71	£18.27	2.8	£673.57	£24.13	3.7	£659.16	£9.72	1.5	
69	2	£658.32	£649.99	£-8.33	-1.3	£676.84	£18.52	2.8	£682.78	£24.46	3.7	£668.06	£9.74	1.5	
70	1	£667.20	£658.50	£-8.70	-1.3	£685.97	£18.77	2.8	£691.99	£24.79	3.7	£676.96	£9.76	1.5	
71	1	£676.08	£667.01	£-9.07	-1.3	£695.10	£19.02	2.8	£701.20	£25.12	3.7	£685.86	£9.78	1.4	
76	1	£720.48	£709.56	£-10.92	-1.5	£740.75	£20.27	2.8	£747.25	£26.77	3.7	£730.36	£9.88	1.4	
77	1	£729.36	£718.07	£-11.29	-1.5	£749.88	£20.52	2.8	£756.46	£27.10	3.7	£739.26	£9.90	1.4	
84	1	£791.52	£777.64	£-13.88	-1.8	£813.79	£22.27	2.8	£820.93	£29.41	3.7	£801.56	£10.04	1.3	
86	1	£809.28	£794.66	£-14.62	-1.8	£832.05	£22.77	2.8	£839.35	£30.07	3.7	£819.36	£10.08	1.2	

Navigation Charges in 2014/15 at 2.8% increase in Income

Electric			Option 1			Option 2			Option 3			Option 4		
Private Motor Craft			NSBA/BHBF Proposal			Flat Rate Increase			Flat Rate Increase + MultiplierΔ			NSBA/BHBF Proposal 2		
BlockArea	2012	Toll	Toll			Toll			Toll			Toll		
m2	Boat Numbers	2013/14	2014/15	Δ£	Δ%	2014/15	Δ£	Δ%	2014/15	Δ£	Δ%	2014/15	Δ£	Δ%
5 & under	181	£63.00	£64.89	£1.89	3.0	£64.76	£1.76	2.8	£65.34	£2.34	3.7	£64.89	£1.89	3.0
6	18	£69.22	£72.62	£3.40	4.9	£71.16	£1.94	2.8	£71.79	£2.57	3.7	£71.57	£2.35	3.4
7	10	£75.43	£80.35	£4.91	6.5	£77.55	£2.11	2.8	£78.23	£2.80	3.7	£78.25	£2.81	3.7
8	7	£81.65	£88.07	£6.43	7.9	£83.94	£2.29	2.8	£84.68	£3.03	3.7	£84.92	£3.28	4.0
9	5	£87.86	£95.80	£7.94	9.0	£90.33	£2.46	2.8	£91.13	£3.26	3.7	£91.60	£3.74	4.3
10	4	£94.08	£103.53	£9.45	10.0	£96.72	£2.64	2.8	£97.57	£3.49	3.7	£98.28	£4.20	4.5
11	10	£100.30	£109.49	£9.19	9.2	£103.11	£2.81	2.8	£104.02	£3.72	3.7	£104.96	£4.66	4.6
12	3	£106.51	£115.44	£8.93	8.4	£109.50	£2.99	2.8	£110.47	£3.96	3.7	£111.64	£5.12	4.8
13	6	£112.73	£121.40	£8.67	7.7	£115.89	£3.16	2.8	£116.91	£4.19	3.7	£118.31	£5.59	5.0
14	2	£118.94	£127.36	£8.41	7.1	£122.28	£3.34	2.8	£123.36	£4.42	3.7	£124.99	£6.05	5.1
15	1	£125.16	£133.32	£8.16	6.5	£128.67	£3.51	2.8	£129.81	£4.65	3.7	£131.22	£6.06	4.8
16	2	£131.38	£139.27	£7.90	6.0	£135.07	£3.69	2.8	£136.26	£4.88	3.7	£137.45	£6.08	4.6
17	1	£137.59	£145.23	£7.64	5.6	£141.46	£3.86	2.8	£142.70	£5.11	3.7	£143.68	£6.09	4.4
18	1	£143.81	£151.19	£7.38	5.1	£147.85	£4.04	2.8	£149.15	£5.34	3.7	£149.91	£6.10	4.2
19	1	£150.02	£157.14	£7.12	4.7	£154.24	£4.21	2.8	£155.60	£5.57	3.7	£156.14	£6.12	4.1
21	3	£162.46	£169.06	£6.60	4.1	£167.02	£4.56	2.8	£168.49	£6.03	3.7	£168.60	£6.15	3.8
22	2	£168.67	£175.01	£6.34	3.8	£173.41	£4.74	2.8	£174.94	£6.26	3.7	£174.83	£6.16	3.7
23	1	£174.89	£180.97	£6.08	3.5	£179.80	£4.91	2.8	£181.38	£6.50	3.7	£181.06	£6.17	3.5
28	1	£205.97	£210.76	£4.79	2.3	£211.76	£5.79	2.8	£213.62	£7.65	3.7	£212.21	£6.24	3.0
30	1	£218.40	£222.67	£4.27	2.0	£224.54	£6.14	2.8	£226.51	£8.11	3.7	£224.67	£6.27	2.9
Private Sailing Craft														
5	572	£45.00	£46.35	£1.35	3.0	£46.26	£1.26	2.8	£46.64	£1.64	3.6	£46.35	£1.35	3.0
6	157	£49.44	£51.87	£2.43	4.9	£50.82	£1.38	2.8	£51.24	£1.80	3.6	£51.12	£1.68	3.4
7	60	£53.88	£57.39	£3.51	6.5	£55.38	£1.50	2.8	£55.84	£1.96	3.6	£55.89	£2.01	3.7
8	123	£58.32	£62.91	£4.59	7.9	£59.94	£1.62	2.8	£60.44	£2.12	3.6	£60.66	£2.34	4.0
9	30	£62.76	£68.43	£5.67	9.0	£64.50	£1.74	2.8	£65.04	£2.28	3.6	£65.43	£2.67	4.3
10	47	£67.20	£73.95	£6.75	10.0	£69.06	£1.86	2.8	£69.64	£2.44	3.6	£70.20	£3.00	4.5
11	126	£71.64	£78.21	£6.57	9.2	£73.62	£1.98	2.8	£74.24	£2.60	3.6	£74.97	£3.33	4.6
12	44	£76.08	£82.47	£6.39	8.4	£78.18	£2.10	2.8	£78.84	£2.76	3.6	£79.74	£3.66	4.8
13	6	£80.52	£86.73	£6.21	7.7	£82.74	£2.22	2.8	£83.44	£2.92	3.6	£84.51	£3.99	5.0
14	11	£84.96	£90.99	£6.03	7.1	£87.30	£2.34	2.8	£88.04	£3.08	3.6	£89.28	£4.32	5.1
15	3	£89.40	£95.25	£5.85	6.5	£91.86	£2.46	2.8	£92.64	£3.24	3.6	£93.73	£4.33	4.8
16	3	£93.84	£99.51	£5.67	6.0	£96.42	£2.58	2.7	£97.24	£3.40	3.6	£98.18	£4.34	4.6
17	1	£98.28	£103.77	£5.49	5.6	£100.98	£2.70	2.7	£101.84	£3.56	3.6	£102.63	£4.35	4.4
18	3	£102.72	£108.03	£5.31	5.2	£105.54	£2.82	2.7	£106.44	£3.72	3.6	£107.08	£4.36	4.2
19	4	£107.16	£112.29	£5.13	4.8	£110.10	£2.94	2.7	£111.04	£3.88	3.6	£111.53	£4.37	4.1
20	3	£111.60	£116.55	£4.95	4.4	£114.66	£3.06	2.7	£115.64	£4.04	3.6	£115.98	£4.38	3.9
21	3	£116.04	£120.81	£4.77	4.1	£119.22	£3.18	2.7	£120.24	£4.20	3.6	£120.43	£4.39	3.8
22	1	£120.48	£125.07	£4.59	3.8	£123.78	£3.30	2.7	£124.84	£4.36	3.6	£124.88	£4.40	3.7
23	2	£124.92	£129.33	£4.41	3.5	£128.34	£3.42	2.7	£129.44	£4.52	3.6	£129.33	£4.41	3.5
24	1	£129.36	£133.59	£4.23	3.3	£132.90	£3.54	2.7	£134.04	£4.68	3.6	£133.78	£4.42	3.4
25	1	£133.80	£137.85	£4.05	3.0	£137.46	£3.66	2.7	£138.64	£4.84	3.6	£138.23	£4.43	3.3
26	1	£138.24	£142.11	£3.87	2.8	£142.02	£3.78	2.7	£143.24	£5.00	3.6	£142.68	£4.44	3.2
29	1	£151.56	£154.89	£3.33	2.2	£155.70	£4.14	2.7	£157.04	£5.48	3.6	£156.03	£4.47	2.9
32	1	£164.88	£167.67	£2.79	1.7	£169.38	£4.50	2.7	£170.84	£5.96	3.6	£169.38	£4.50	2.7
33	2	£169.32	£171.93	£2.61	1.5	£173.94	£4.62	2.7	£175.44	£6.12	3.6	£173.83	£4.51	2.7
34	1	£173.76	£176.19	£2.43	1.4	£178.50	£4.74	2.7	£180.04	£6.28	3.6	£178.28	£4.52	2.6
37	1	£187.08	£188.97	£1.89	1.0	£192.18	£5.10	2.7	£193.84	£6.76	3.6	£191.63	£4.55	2.4
38	1	£191.52	£193.23	£1.71	0.9	£196.74	£5.22	2.7	£198.44	£6.92	3.6	£196.08	£4.56	2.4
46	2	£227.04	£227.31	£0.27	0.1	£233.22	£6.18	2.7	£235.24	£8.20	3.6	£231.68	£4.64	2.0
48	2	£235.92	£235.83	-£0.09	0.0	£242.34	£6.42	2.7	£244.44	£8.52	3.6	£240.58	£4.66	2.0
49	1	£240.36	£240.09	-£0.27	-0.1	£246.90	£6.54	2.7	£249.04	£8.68	3.6	£245.03	£4.67	1.9
61	1	£293.64	£291.21	-£2.43	-0.8	£301.62	£7.98	2.7	£304.24	£10.60	3.6	£298.43	£4.79	1.6
80	1	£378.00	£372.15	-£5.85	-1.5	£388.26	£10.26	2.7	£391.64	£13.64	3.6	£382.98	£4.98	1.3
89	1	£417.96	£410.49	-£7.47	-1.8	£429.30	£11.34	2.7	£433.04	£15.08	3.6	£423.03	£5.07	1.2
91	1	£426.84	£419.01	-£7.83	-1.8	£438.42	£11.58	2.7	£442.24	£15.40	3.6	£431.93	£5.09	1.2
110	1	£511.20	£499.95	-£11.25	-2.2	£525.06	£13.86	2.7	£529.64	£18.44	3.6	£516.48	£5.28	1.0

Navigation Charges in 2014/15 at 2.8% increase in Income

Private Motorised Sailing			Option 1			Option 2			Option 3			Option 4		
BlockArea	2012	Toll	NSBA/BHBF Proposal			Flat Rate Increase			Flat Rate Increase + MultiplierΔ			NSBA/BHBF Proposal 2		
m2	Boat Numbers	2013/14	Toll	Δ£	Δ%	Toll	Δ£	Δ%	Toll	Δ£	Δ%	Toll	Δ£	Δ%
			2014/15			2014/15			2014/15			2014/15		
6	13	£90.00	£92.72	£2.72	3.0	£92.52	£2.52	2.8	£93.31	£3.31	3.7	£92.70	£2.70	3.0
7	14	£94.68	£97.37	£2.69	2.8	£97.33	£2.65	2.8	£98.16	£3.48	3.7	£97.76	£3.08	3.3
8	36	£99.36	£102.02	£2.66	2.7	£102.14	£2.78	2.8	£103.01	£3.65	3.7	£102.82	£3.46	3.5
9	31	£104.04	£106.67	£2.63	2.5	£106.95	£2.91	2.8	£107.86	£3.82	3.7	£107.88	£3.84	3.7
10	93	£108.72	£111.32	£2.60	2.4	£111.76	£3.04	2.8	£112.71	£3.99	3.7	£112.94	£4.22	3.9
11	95	£113.40	£117.74	£4.34	3.8	£116.57	£3.17	2.8	£117.56	£4.16	3.7	£118.00	£4.60	4.1
12	108	£118.08	£124.16	£6.08	5.1	£121.38	£3.30	2.8	£122.41	£4.33	3.7	£123.06	£4.98	4.2
13	74	£122.76	£130.58	£7.82	6.4	£126.19	£3.43	2.8	£127.26	£4.50	3.7	£128.12	£5.36	4.4
14	80	£127.44	£137.00	£9.56	7.5	£131.00	£3.56	2.8	£132.21	£4.77	3.7	£133.18	£5.74	4.5
15	73	£134.10	£143.42	£9.32	7.0	£137.85	£3.75	2.8	£139.12	£5.02	3.7	£139.84	£5.74	4.3
16	68	£140.76	£149.84	£9.08	6.5	£144.70	£3.94	2.8	£146.03	£5.27	3.7	£146.50	£5.74	4.1
17	114	£147.42	£156.26	£8.84	6.0	£151.55	£4.13	2.8	£152.94	£5.52	3.7	£153.16	£5.74	3.9
18	55	£154.08	£162.68	£8.60	5.6	£158.40	£4.32	2.8	£159.85	£5.77	3.7	£159.82	£5.74	3.7
19	21	£160.74	£169.10	£8.36	5.2	£165.25	£4.51	2.8	£166.76	£6.02	3.7	£166.48	£5.74	3.6
20	65	£167.40	£175.52	£8.12	4.9	£172.10	£4.70	2.8	£173.67	£6.27	3.7	£173.14	£5.74	3.4
21	46	£174.06	£181.94	£7.88	4.5	£178.95	£4.89	2.8	£180.58	£6.52	3.7	£179.80	£5.74	3.3
22	20	£180.72	£188.36	£7.64	4.2	£185.80	£5.08	2.8	£187.49	£6.77	3.7	£186.46	£5.74	3.2
23	18	£187.38	£194.78	£7.40	3.9	£192.65	£5.27	2.8	£194.40	£7.02	3.7	£193.12	£5.74	3.1
24	7	£194.04	£201.20	£7.16	3.7	£199.50	£5.46	2.8	£201.31	£7.27	3.7	£199.78	£5.74	3.0
25	16	£200.70	£207.62	£6.92	3.4	£206.35	£5.65	2.8	£208.22	£7.52	3.7	£206.44	£5.74	2.9
26	17	£207.36	£214.04	£6.68	3.2	£213.20	£5.84	2.8	£215.13	£7.77	3.7	£213.10	£5.74	2.8
27	6	£214.02	£220.46	£6.44	3.0	£220.05	£6.03	2.8	£222.04	£8.02	3.7	£219.76	£5.74	2.7
28	9	£220.68	£226.88	£6.20	2.8	£226.90	£6.22	2.8	£228.95	£8.27	3.7	£226.42	£5.74	2.6
29	4	£227.34	£233.30	£5.96	2.6	£233.75	£6.41	2.8	£235.86	£8.52	3.7	£233.08	£5.74	2.5
30	3	£234.00	£239.72	£5.72	2.4	£240.60	£6.60	2.8	£242.77	£8.77	3.7	£239.74	£5.74	2.5
31	3	£240.66	£246.14	£5.48	2.3	£247.45	£6.79	2.8	£249.68	£9.02	3.7	£246.40	£5.74	2.4
35	1	£267.30	£271.82	£4.52	1.7	£274.85	£7.55	2.8	£277.32	£10.02	3.7	£273.04	£5.74	2.1
Electric														
Private Motorised Sailing														
6	8	£63.00	£64.90	£1.90	3.0	£64.76	£1.76	2.8	£65.32	£2.32	3.7	£64.89	£1.89	3.0
7	4	£66.28	£68.16	£1.88	2.8	£68.13	£1.85	2.8	£68.71	£2.44	3.7	£68.43	£2.16	3.3
8	11	£69.55	£71.41	£1.86	2.7	£71.50	£1.95	2.8	£72.11	£2.55	3.7	£71.97	£2.42	3.5
9	6	£72.83	£74.67	£1.84	2.5	£74.87	£2.04	2.8	£75.50	£2.67	3.7	£75.52	£2.69	3.7
10	8	£76.10	£77.92	£1.82	2.4	£78.23	£2.13	2.8	£78.90	£2.79	3.7	£79.06	£2.95	3.9
11	17	£79.38	£82.42	£3.04	3.8	£81.60	£2.22	2.8	£82.29	£2.91	3.7	£82.60	£3.22	4.1
12	12	£82.66	£86.91	£4.26	5.1	£84.97	£2.31	2.8	£85.69	£3.03	3.7	£86.14	£3.49	4.2
13	4	£85.93	£91.41	£5.47	6.4	£88.33	£2.40	2.8	£89.08	£3.15	3.7	£89.68	£3.75	4.4
14	2	£89.21	£95.90	£6.69	7.5	£91.70	£2.49	2.8	£92.55	£3.34	3.7	£93.23	£4.02	4.5
16	7	£98.53	£104.89	£6.36	6.5	£101.29	£2.76	2.8	£102.22	£3.69	3.7	£102.55	£4.02	4.1
17	3	£103.19	£109.38	£6.19	6.0	£106.09	£2.89	2.8	£107.06	£3.86	3.7	£107.21	£4.02	3.9
18	5	£107.86	£113.88	£6.02	5.6	£110.88	£3.02	2.8	£111.90	£4.04	3.7	£111.87	£4.02	3.7
19	4	£112.52	£118.37	£5.85	5.2	£115.68	£3.16	2.8	£116.73	£4.21	3.7	£116.54	£4.02	3.6
20	5	£117.18	£122.86	£5.68	4.9	£120.47	£3.29	2.8	£121.57	£4.39	3.7	£121.20	£4.02	3.4
22	1	£126.50	£131.85	£5.35	4.2	£130.06	£3.56	2.8	£131.24	£4.74	3.7	£130.52	£4.02	3.2
23	2	£131.17	£136.35	£5.18	3.9	£134.86	£3.69	2.8	£136.08	£4.91	3.7	£135.18	£4.02	3.1
24	1	£135.83	£140.84	£5.01	3.7	£139.65	£3.82	2.8	£140.92	£5.09	3.7	£139.85	£4.02	3.0
25	1	£140.49	£145.33	£4.84	3.4	£144.45	£3.96	2.8	£145.75	£5.26	3.7	£144.51	£4.02	2.9
59	1	£299.00	£298.13	-£0.87	-0.3	£307.48	£8.48	2.8	£310.21	£11.21	3.8	£303.02	£4.02	1.3
72	1	£359.60	£356.55	-£3.05	-0.8	£369.81	£10.21	2.8	£373.09	£13.49	3.8	£363.62	£4.02	1.1
98	1	£480.82	£473.40	-£7.42	-1.5	£494.48	£13.66	2.8	£498.86	£18.04	3.8	£484.83	£4.02	0.8

Navigation Charges in 2014/15 at 2.8% increase in Income

Hire Motor Cruisers

BlockArea	2012	Toll	Option 1			Option 2			Option 3			Option 4		
			NSBA/BHBF Proposal			Flat Rate Increase			Flat Rate Increase + MultiplierΔ			NSBA/BHBF Proposal 2		
m ²	Boat Numbers	2013/14	2014/15	Δ£	Δ%	2014/15	Δ£	Δ%	2014/15	Δ£	Δ%	2014/15	Δ£	Δ%
12	13	£403.22	£435.39	£32.16	8.0	£414.54	£11.32	2.8	£405.57	£2.35	0.6	£417.84	£14.61	3.6
13	1	£426.76	£457.86	£31.10	7.3	£438.73	£11.98	2.8	£429.24	£2.49	0.6	£442.83	£16.08	3.8
15	6	£473.82	£502.79	£28.97	6.1	£487.12	£13.30	2.8	£476.58	£2.76	0.6	£491.15	£17.33	3.7
17	1	£520.88	£547.72	£26.84	5.2	£535.51	£14.63	2.8	£523.92	£3.04	0.6	£537.78	£16.90	3.2
18	7	£544.42	£570.19	£25.77	4.7	£559.71	£15.29	2.8	£547.59	£3.17	0.6	£561.10	£16.68	3.1
19	12	£567.95	£592.65	£24.71	4.3	£583.90	£15.95	2.8	£571.26	£3.31	0.6	£584.42	£16.47	2.9
20	20	£591.48	£615.12	£23.64	4.0	£608.10	£16.62	2.8	£594.93	£3.45	0.6	£607.74	£16.26	2.7
21	8	£615.01	£637.59	£22.57	3.7	£632.29	£17.28	2.8	£618.60	£3.59	0.6	£631.05	£16.04	2.6
22	19	£638.54	£660.05	£21.51	3.4	£656.48	£17.94	2.8	£642.27	£3.72	0.6	£654.37	£15.83	2.5
23	11	£662.08	£682.52	£20.44	3.1	£680.68	£18.60	2.8	£665.94	£3.86	0.6	£677.69	£15.61	2.4
24	2	£685.61	£704.99	£19.38	2.8	£704.87	£19.27	2.8	£689.61	£4.00	0.6	£701.01	£15.40	2.2
26	4	£732.67	£749.92	£17.25	2.4	£753.26	£20.59	2.8	£736.95	£4.28	0.6	£747.64	£14.97	2.0
27	15	£756.20	£772.38	£16.18	2.1	£777.46	£21.25	2.8	£760.62	£4.41	0.6	£770.96	£14.76	2.0
28	37	£779.74	£794.85	£15.12	1.9	£801.65	£21.92	2.8	£784.29	£4.55	0.6	£794.28	£14.54	1.9
29	11	£803.27	£817.32	£14.05	1.7	£825.85	£22.58	2.8	£807.96	£4.69	0.6	£817.60	£14.33	1.8
30	18	£826.80	£839.78	£12.98	1.6	£850.04	£23.24	2.8	£831.63	£4.83	0.6	£840.92	£14.12	1.7
31	18	£850.33	£862.25	£11.92	1.4	£874.24	£23.90	2.8	£855.30	£4.96	0.6	£864.23	£13.90	1.6
32	12	£873.86	£884.72	£10.85	1.2	£898.43	£24.57	2.8	£878.97	£5.10	0.6	£887.55	£13.69	1.6
33	25	£897.40	£907.18	£9.79	1.1	£922.62	£25.23	2.8	£902.64	£5.24	0.6	£910.87	£13.47	1.5
34	17	£920.93	£929.65	£8.72	0.9	£946.82	£25.89	2.8	£926.31	£5.38	0.6	£934.19	£13.26	1.4
35	36	£944.46	£952.12	£7.66	0.8	£971.01	£26.55	2.8	£949.97	£5.51	0.6	£957.51	£13.05	1.4
36	29	£967.99	£974.58	£6.59	0.7	£995.21	£27.22	2.8	£973.64	£5.65	0.6	£980.82	£12.83	1.3
37	86	£991.52	£997.05	£5.52	0.6	£1,019.40	£27.88	2.8	£997.31	£5.79	0.6	£1,004.14	£12.62	1.3
38	68	£1,015.06	£1,019.52	£4.46	0.4	£1,043.60	£28.54	2.8	£1,020.98	£5.93	0.6	£1,027.46	£12.40	1.2
39	20	£1,038.59	£1,041.98	£3.39	0.3	£1,067.79	£29.20	2.8	£1,044.65	£6.07	0.6	£1,050.78	£12.19	1.2
40	21	£1,062.12	£1,064.45	£2.33	0.2	£1,091.99	£29.87	2.8	£1,068.32	£6.20	0.6	£1,074.10	£11.98	1.1
41	30	£1,085.65	£1,086.91	£1.26	0.1	£1,116.18	£30.53	2.8	£1,091.99	£6.34	0.6	£1,097.41	£11.76	1.1
42	32	£1,109.18	£1,109.38	£0.20	0.0	£1,140.37	£31.19	2.8	£1,115.66	£6.48	0.6	£1,120.73	£11.55	1.0
43	28	£1,132.72	£1,131.85	-£0.87	-0.1	£1,164.57	£31.85	2.8	£1,139.33	£6.62	0.6	£1,144.05	£11.33	1.0
44	51	£1,156.25	£1,154.31	-£1.93	-0.2	£1,188.76	£32.52	2.8	£1,163.00	£6.75	0.6	£1,167.37	£11.12	1.0
45	14	£1,179.78	£1,176.78	-£3.00	-0.3	£1,212.96	£33.18	2.8	£1,186.67	£6.89	0.6	£1,190.69	£10.91	0.9
46	85	£1,203.31	£1,199.25	-£4.07	-0.3	£1,237.15	£33.84	2.8	£1,210.34	£7.03	0.6	£1,214.00	£10.69	0.9
47	14	£1,226.84	£1,221.71	-£5.13	-0.4	£1,261.35	£34.50	2.8	£1,234.01	£7.17	0.6	£1,237.32	£10.48	0.9
48	55	£1,250.38	£1,244.18	-£6.20	-0.5	£1,285.54	£35.17	2.8	£1,257.68	£7.30	0.6	£1,260.64	£10.26	0.8
49	3	£1,273.91	£1,266.65	-£7.26	-0.6	£1,309.74	£35.83	2.8	£1,281.35	£7.44	0.6	£1,283.96	£10.05	0.8
50	31	£1,297.44	£1,289.11	-£8.33	-0.6	£1,333.93	£36.49	2.8	£1,305.02	£7.58	0.6	£1,307.28	£9.84	0.8
51	16	£1,320.97	£1,311.58	-£9.39	-0.7	£1,358.13	£37.15	2.8	£1,328.69	£7.72	0.6	£1,330.59	£9.62	0.7
52	5	£1,344.50	£1,334.04	-£10.46	-0.8	£1,382.32	£37.82	2.8	£1,352.36	£7.86	0.6	£1,353.91	£9.41	0.7
54	2	£1,391.57	£1,378.98	-£12.59	-0.9	£1,430.71	£39.14	2.8	£1,399.70	£8.13	0.6	£1,400.55	£8.98	0.6
55	2	£1,415.10	£1,401.44	-£13.66	-1.0	£1,454.90	£39.80	2.8	£1,423.37	£8.27	0.6	£1,423.87	£8.77	0.6

Hire Motorised Sailing

13	1	£325.31	£344.73	£19.42	6.0	£334.40	£9.09	2.8	£327.06	£1.74	0.5	£335.67	£10.36	3.2
15	1	£355.37	£378.63	£23.26	6.5	£365.30	£9.94	2.8	£357.54	£2.17	0.6	£366.38	£11.02	3.1
16	3	£373.01	£395.58	£22.56	6.0	£383.46	£10.44	2.8	£375.30	£2.28	0.6	£383.83	£10.82	2.9
17	3	£390.66	£412.53	£21.86	5.6	£401.61	£10.94	2.8	£393.06	£2.39	0.6	£401.28	£10.62	2.7
18	3	£408.31	£429.48	£21.16	5.2	£419.76	£11.45	2.8	£410.81	£2.50	0.6	£418.73	£10.42	2.6
21	4	£461.26	£480.32	£19.06	4.1	£474.22	£12.96	2.8	£464.09	£2.83	0.6	£471.08	£9.82	2.1
22	1	£478.91	£497.27	£18.36	3.8	£492.37	£13.46	2.8	£481.85	£2.94	0.6	£488.53	£9.62	2.0
23	5	£496.56	£514.22	£17.66	3.6	£510.52	£13.97	2.8	£499.61	£3.05	0.6	£505.97	£9.42	1.9
24	2	£514.21	£531.17	£16.96	3.3	£528.68	£14.47	2.8	£517.37	£3.16	0.6	£523.42	£9.22	1.8
25	7	£531.86	£548.12	£16.26	3.1	£546.83	£14.97	2.8	£535.13	£3.27	0.6	£540.87	£9.02	1.7
26	9	£549.50	£565.07	£15.56	2.8	£564.98	£15.48	2.8	£552.88	£3.38	0.6	£558.32	£8.82	1.6
29	1	£602.45	£615.91	£13.46	2.2	£619.44	£16.99	2.8	£606.16	£3.71	0.6	£610.67	£8.22	1.4
30	2	£620.10	£632.86	£12.76	2.1	£637.59	£17.49	2.8	£623.92	£3.82	0.6	£628.12	£8.02	1.3
34	1	£690.70	£700.66	£9.96	1.4	£710.20	£19.50	2.8	£694.95	£4.26	0.6	£697.92	£7.22	1.0
35	2	£708.35	£717.60	£9.26	1.3	£728.35	£20.01	2.8	£712.71	£4.37	0.6	£715.36	£7.02	1.0

Navigation Charges in 2014/15 at 2.8% increase in Income

Hire Day and Passenger Craft

BlockArea	2012	Toll	Option 1				Option 2			Option 3			Option 4		
			NSBA/BHBF Proposal				Flat Rate Increase			Flat Rate Increase + MultiplierΔ			NSBA/BHBF Proposal 2		
			2013/14	2014/15	Δ£	Δ%	2014/15	Δ£	Δ%	2014/15	Δ£	Δ%	2014/15	Δ£	Δ%
5	3	£265.50	£273.47	£7.96	3.0	£272.93	£7.43	2.8	£280.02	£14.52	5.5	£273.47	£7.96	3.0	
6	1	£291.70	£306.03	£14.34	4.9	£299.87	£8.17	2.8	£307.65	£15.95	5.5	£301.61	£9.91	3.4	
7	5	£317.89	£338.60	£20.71	6.5	£326.80	£8.91	2.8	£335.28	£17.39	5.5	£329.75	£11.86	3.7	
8	14	£344.09	£371.17	£27.08	7.9	£353.73	£9.65	2.8	£362.91	£18.82	5.5	£357.89	£13.81	4.0	
9	34	£370.28	£403.74	£33.45	9.0	£380.67	£10.38	2.8	£390.54	£20.26	5.5	£386.04	£15.75	4.3	
10	33	£396.48	£436.31	£39.82	10.0	£407.60	£11.12	2.8	£418.17	£21.69	5.5	£414.18	£17.70	4.5	
11	53	£422.68	£461.41	£38.73	9.2	£434.54	£11.86	2.8	£445.80	£23.12	5.5	£442.32	£19.65	4.6	
12	71	£448.87	£486.51	£37.64	8.4	£461.47	£12.60	2.8	£473.43	£24.56	5.5	£470.47	£21.59	4.8	
13	13	£475.07	£511.62	£36.55	7.7	£488.40	£13.33	2.8	£501.06	£25.99	5.5	£498.61	£23.54	5.0	
14	4	£501.26	£536.72	£35.46	7.1	£515.34	£14.07	2.8	£528.69	£27.43	5.5	£526.75	£25.49	5.1	
15	9	£527.46	£561.83	£34.37	6.5	£542.27	£14.81	2.8	£556.32	£28.86	5.5	£553.01	£25.55	4.8	
16	2	£553.66	£586.93	£33.28	6.0	£569.20	£15.55	2.8	£583.95	£30.29	5.5	£579.26	£25.61	4.6	
19	1	£632.24	£662.25	£30.00	4.7	£650.00	£17.76	2.8	£666.84	£34.60	5.5	£658.03	£25.78	4.1	
23	1	£737.03	£762.66	£25.64	3.5	£757.74	£20.71	2.8	£777.36	£40.33	5.5	£763.05	£26.02	3.5	
33	2	£998.99	£1,013.71	£14.72	1.5	£1,027.07	£28.08	2.8	£1,053.66	£54.67	5.5	£1,025.60	£26.61	2.7	
34	1	£1,025.18	£1,038.81	£13.63	1.3	£1,054.01	£28.82	2.8	£1,081.29	£56.11	5.5	£1,051.85	£26.67	2.6	
42	1	£1,234.75	£1,239.65	£4.90	0.4	£1,269.47	£34.72	2.8	£1,302.33	£67.58	5.5	£1,261.89	£27.14	2.2	
61	2	£1,732.48	£1,716.63	£-15.84	-0.9	£1,781.21	£48.73	2.8	£1,827.30	£94.82	5.5	£1,760.74	£28.26	1.6	
68	1	£1,915.85	£1,892.37	£-23.48	-1.2	£1,969.74	£53.90	2.8	£2,020.71	£104.86	5.5	£1,944.52	£28.67	1.5	
36	1	£1,077.58	£1,089.02	£11.45	1.1	£1,107.87	£30.30	2.8	£1,136.55	£58.97	5.5	£1,104.36	£26.79	2.5	
72	2	2020.632	£1,992.78	£-27.85	-1.4	£2,077.48	£56.85	2.8	£2,131.23	£110.60	5.5	£2,049.54	£28.91	1.4	
84	1	2334.984	£2,294.04	£-40.95	-1.8	£2,400.68	£65.70	2.8	£2,462.79	£127.81	5.5	£2,364.60	£29.62	1.3	
89	2	£2,465.96	£2,419.56	£-46.40	-1.9	£2,535.35	£69.38	2.8	£2,600.94	£134.98	5.5	£2,495.88	£29.91	1.2	
98	1	£2,701.73	£2,645.50	£-56.23	-2.1	£2,777.75	£76.02	2.8	£2,849.61	£147.88	5.5	£2,732.17	£30.44	1.1	

Hire Day Craft - Electric

6	1	£204.19	£214.22	£10.04	4.9	£209.91	£5.72	2.8	£215.36	£11.17	5.5	£211.13	£6.94	3.4
7	1	£222.52	£237.02	£14.50	6.5	£228.76	£6.24	2.8	£234.70	£12.17	5.5	£230.83	£8.30	3.7
9	15	£259.20	£282.62	£23.42	9.0	£266.47	£7.27	2.8	£273.38	£14.18	5.5	£270.23	£11.03	4.3
10	14	£277.54	£305.41	£27.88	10.0	£285.32	£7.79	2.8	£292.72	£15.18	5.5	£289.93	£12.39	4.5
11	9	£295.87	£322.99	£27.11	9.2	£304.17	£8.30	2.8	£312.06	£16.19	5.5	£309.63	£13.75	4.6
12	6	£314.21	£340.56	£26.35	8.4	£323.03	£8.82	2.8	£331.40	£17.19	5.5	£329.33	£15.12	4.8
13	1	£332.55	£358.13	£25.59	7.7	£341.88	£9.33	2.8	£350.74	£18.19	5.5	£349.03	£16.48	5.0
14	2	£350.88	£375.71	£24.82	7.1	£360.73	£9.85	2.8	£370.08	£19.20	5.5	£368.73	£17.84	5.1
15	6	£369.22	£393.28	£24.06	6.5	£379.59	£10.37	2.8	£389.42	£20.20	5.5	£387.10	£17.88	4.8
18	1	£424.23	£446.00	£21.77	5.1	£436.15	£11.92	2.8	£447.45	£23.21	5.5	£442.24	£18.01	4.2

Hire Sailing Craft

5	78	£90.00	£92.70	£2.70	3.0	£92.52	£2.52	2.8	£93.28	£3.28	3.6	£92.70	£2.70	3.0
6	1	£98.88	£103.74	£4.86	4.9	£101.64	£2.76	2.8	£102.48	£3.60	3.6	£102.24	£3.36	3.4
10	4	£134.40	£147.90	£13.50	10.0	£138.12	£3.72	2.8	£139.28	£4.88	3.6	£140.40	£6.00	4.5
11	9	£189.85	£206.47	£16.63	8.8	£195.09	£5.25	2.8	£190.80	£0.95	0.5	£196.42	£6.58	3.5
14	1	£225.14	£240.21	£15.07	6.7	£231.35	£6.20	2.8	£226.26	£1.12	0.5	£233.91	£8.77	3.9
16	10	£248.68	£262.71	£14.03	5.6	£255.51	£6.84	2.7	£249.91	£1.23	0.5	£257.23	£8.56	3.4
22	4	£319.27	£330.18	£10.91	3.4	£328.02	£8.75	2.7	£320.84	£1.57	0.5	£327.19	£7.91	2.5
23	2	£331.04	£341.43	£10.39	3.1	£340.10	£9.06	2.7	£332.66	£1.62	0.5	£338.84	£7.81	2.4
29	1	£401.63	£408.91	£7.28	1.8	£412.61	£10.97	2.7	£403.59	£1.96	0.5	£408.80	£7.16	1.8
31	1	£425.17	£431.40	£6.24	1.5	£436.77	£11.61	2.7	£427.24	£2.07	0.5	£432.12	£6.95	1.6
36	4	£484.00	£487.63	£3.64	0.8	£497.19	£13.20	2.7	£486.35	£2.35	0.5	£490.41	£6.42	1.3
40	2	£531.06	£532.62	£1.56	0.3	£545.53	£14.47	2.7	£533.63	£2.57	0.5	£537.05	£5.99	1.1
41	1	£542.83	£543.87	£1.04	0.2	£557.61	£14.79	2.7	£545.46	£2.63	0.5	£548.71	£5.88	1.1
43	4	£566.36	£566.36	£0.00	0.0	£581.78	£15.42	2.7	£569.10	£2.74	0.5	£572.02	£5.67	1.0
176	1	£2,131.24	£2,062.13	£-69.11	-3.2	£2,188.95	£57.72	2.7	£2,141.43	£10.19	0.5	£2,122.67	£-8.56	-0.4