

Safety First on Belfast Lough

Welcome to Belfast Harbour

Recreational Craft Must Contact "Belfast Harbour Radio" on VHF Channel 12 for traffic clearance to enter/exit.

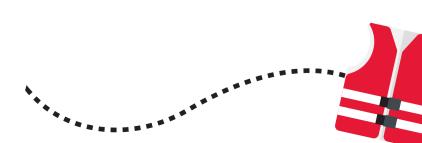
All users of the Lough are expected to operate in a safe & responsible manner.

Users are required to always comply with international collision regulations.

Users are reminded to check the sailing & arrival times of ferries in the area.

Users are advised of the possibility of unexpected wavewash generated by shipping using Belfast Harbour.







Welcome to Belfast Harbour

I am pleased to present the 2018 Tide Tables for Belfast Harbour.

I trust you will find the information contained within to be beneficial for your safe enjoyment of Belfast Harbour.

May I take this opportunity to draw your attention to the Notice to Mariners No.1 of 2018. This notice is a summary of all notices in force at the start of 2018 and can be found on our website www.belfast-harbour.co.uk.

I encourage you to visit the website regularly to acquaint yourself with the most up-to-date navigational safety information.

I wish you a safe and enjoyable visit to Belfast Harbour.

Aller

Captain K G Allen Belfast Harbour Master

Safety First Lifejackets

"Lifejackets save lives" (MCA, 2007)

Notice is hereby given that it is strongly recommended that all recreational boat users in Belfast Harbour wear correctly maintained, fit for purpose Lifejackets and Buoyancy Aids at all times when at sea.

On 4th July 2008 an expert panel review, comprising of staff from the RYA, RNLI, MAIB, and industry, was convened to analyse fatal maritime incidents in 2007 and assess whether a lifejacket would have made a difference in saving a person's life.

After reviewing each incident, the panel had to choose from whether it was Probably, Possibly or Unlikely that the person would have been saved by wearing a lifejacket that was suitably maintained, correctly worn and fit for purpose, or alternatively, that it was Not Appropriate for the person to have been wearing a lifejacket in the particular incident under review.

From a total of 133 fatalities, 91 were deemed as Not Appropriate for the casualty to be wearing a lifejacket. These deaths covered recreational activities such as Diving and Coastal Walking where there is no call for the participant to wear a lifejacket, and other 'misadventures' where a person ended up drowning despite not taking part in any maritime activity. Of the remaining 42 fatalities, it was agreed that in 29 cases (69%), a lifejacket would have had a more positive outcome, either probably or possibly saving a person's life.

(MCA, 2007)

Belfast Harbour radio can be contacted via





Information for Leisure Craft visiting Belfast Harbour

Belfast Harbour Marina located in Abercorn Basin welcomes leisure craft.

This facility consists of 425m of fully serviced recreational pontoons which are available for visiting and seasonal berthing.

The maximum available depth in the Marina is 4m. Vessels greater than 4m draught or 15m length overall wishing to visit Belfast should contact the Harbour Master's Office prior to arrival. For more information on visiting the Marina, including tariffs, please visit the website - www.belfast-harbour.co.uk/port/marina

The following information has been provided for the benefit of recreational users, however current Notice to Mariners and guides should always be consulted on Belfast Harbour's website www.belfast-harbour.co.uk/port/navigation-pilotage/noticeto-mariners

In addition to the code of conduct (p10-13 overleaf), users of leisure craft should refer to and abide by 'Operating Rules within Belfast Harbour' which are available at www.belfast-harbour.co.uk/port/marina/operating-rules

Belfast Harbour Code of Conduct

1 Conduct of Transits to and from Berths.

- Vessels transiting to and from berths must do so under power, yachts should have their sails down.
- 1.2 No vessels are permitted to be underway inside Harbour Limits during hours of darkness, unless vessels are fitted with the appropriate navigation lights as prescribed by the Collision Regulations.
- 1.3 Recreational craft not fitted with operational radar are not normally permitted to make transits of the Inner Harbour or Victoria Channel when visibility is less than 0.5 nautical miles.
- 1.4 Leisure craft are not permitted in Herdman Channel, or Musgrave Channel unless navigating to the Connswater.
- 1.5 Except where these Guidelines otherwise require; The International Regulations for Prevention of Collision at Sea (Collision Regulations) apply throughout Belfast Harbour Limits.

In particular, attention is drawn to Rule 9, narrow channels – vessels should keep as near to the outer limit of the channel or fairway which lies on her starboard side as is safe and practicable.

- 1.6 The Master of a leisure craft shall ensure it is manoeuvred in a manner so as not to cause injury, nuisance, excessive wash, damage to property, loss of life, and must keep well clear of vessels fishing, dredging or otherwise working whilst underway.
- All vessels must be equipped and manned to undertake all transits safely.
- 1.8 All vessels should carry Admiralty Chart 1752 or equivalent.
- All vessels must carry sufficient number and type of lifejackets for those on board.
- 1.10 No sightseeing or stopping is permitted during transit.
- 1.11 Leisure craft must proceed at a safe and appropriate speed, and not exceed a maximum speed of 8 knots to South-West of the Twin

Beacons unless with prior consent of the Harbour Master.

- 1.12 Craft must maintain minimum safe speed when navigating near small craft moorings.
- 1.13 The Master of any vessel must comply with any temporary speed restrictions imposed by Port Control.
- 2 Compliance with Directions The Master of any vessel shall comply with any direction given to him by the Harbour Master or an officer designated by the Harbour Master to do so on his behalf.

3 Priority of Vessels within Belfast Harbour Limits

- 3.1 Leisure craft shall not impede the passage of any vessel greater than 20m in length navigating within the inner Harbour or Victoria Channel.
- 3.2 Leisure craft, which are not confined to the fairway, shall not make use of the fairway so as to obstruct other vessels which can navigate only within the fairway, and when navigating across the Channel or through the inner Harbour shall do so by the shortest route that will avoid such obstruction.
- 3.3 Any vessel upon encountering a vessel exhibiting the signals prescribed by the Collision Regulations for vessels constrained by their draught, shall afford such vessels a minimum distance of 5 cables ahead and 2 cables astern.

4 Carriage of VHF / Mobile Telephone & Communication with Port Control

- 4.1 Belfast Harbour strongly recommend all vessels navigating within Harbour Limits to carry VHF radio. Where carried, VHF radio watch is to be maintained on Ch 12 when within port limits.
- 4.2 Where no VHF is carried, a mobile telephone should be used in cases of emergency to contact Port Control.
- 4.3 Port Control, callsign "Belfast Harbour Radio", maintains a listening watch at all times on VHF channel 12. Port Control is also contactable in case of emergency by telephone on – 028 9055 3010.
- 4.4 Inward vessels must report to Port Control when:
 - Entering the Main Channel, stating location
 - Arriving at their berth
- 4.5 Departing vessels must report to Port Control when:
 - Prior to departing their berth
 - Upon exiting the main channel, stating location
- 4.6 Vessels wishing to cross the Victoria Channel to the South-West of No.2 buoy must contact Port Control.
- 4.7 Any emergencies should be communicated firstly to Belfast Coastguard on VHF Ch 16, and to Port Control.
- 4.8 Vessels should avoid excessive use of VHF Ch 12 wherever possible.

Belfast Harbour

Tide Tables 2018

5 Age of Master

No person under the age of 16 years shall steer or navigate within the Harbour any power driven vessel unless in possession of an appropriate RYA qualification or accompanied by a person of 18 years or older.

6 Navigation under the influence of Alcohol or Drugs Prohibited The Master of any vessel shall not move the vessel within Harbour Limits if his ability to do so is impaired by drink or drugs or if the proportion of alcohol in his

- breath, blood or urine exceedsi) In the case of breath, 35 micrograms of alcohol in 100 ml
- ii) In the case of blood, 80 milligrams of alcohol in 100 ml, and
- iii) In the case of urine, 107 milligrams of alcohol in 100 millilitres.

7 Public Landings

The Master of a vessel shall not place his vessel or allow it to be in such a situation as to obstruct or interfere with the access to any recognised landing place or leave it moored alongside any such landing place unattended without the permission of the person in charae of that landing place.

8 Water Sports

Water Skiing, Wind Surfing, Kite Surfing, Jet Skiing, rowing, canoeing or kayaking are not permitted in the Inner Harbour or Victoria Channel without prior permission from the Harbour Master.

9 Diving / Swimming

- 9.1 No swimming or recreational diving is permitted inside the Inner Harbour or Victoria Channel
 9.2 Diving elsewhere within Harbour
- Limits is only permitted with prior consent of the Harbour Master
- 9.3 Those wishing to undertake commercial diving operations should contact Port Operations during office hours.

10 Events

Organisers of water based events anywhere inside Harbour Limits are required to provide a minimum of 14 days notice in writing to the Harbour Master, and provide event plans, risk assessments, and evidence of insurance as appropriate.

11 Rigging to be Secured

Any vessel when moored within Harbour Limits fitted with a mast shall at all times ensure the rigging is secured so that it does not make undue noise.

12 Provision of Proper Fenders

The Master and the owner of a vessel shall ensure that she is provided with a sufficient number of fenders of a type that would float in water and a size appropriate to the vessel and, when berthing and leaving or lying at a quay, pontoon, or against other vessels, the Master shall cause the vessel to be fended off from that quay or those other vessels so as to prevent damage to that quay, pontoons, those other vessels or any other property.

13 Access Across Decks

The Master of a vessel alongside a quay, pontoon, or alongside any vessel already berthed within the Harbour shall, if required to do so by the Harbour Master or other authorised officer, give free access across the deck of his vessel for persons and goods to and from vessels berthed alongside his decks.

14 Unmooring of Vessels

No person except the Harbour Master or a person acting on behalf of the Harbour Master in pursuance of his duties shall for any purpose whatsoever unmoor or cast off or loose any mooring of any vessel moored within the Harbour without the previous permission of the owner or lawful Master of such a vessel.

15 Vessels not to make fast to Unauthorised Objects

The Master of a vessel shall not knowingly cause or permit any person to secure the vessel to any post, quay, ring, tide board, steps, vertical ladder, fender or any other thing or place not assigned for that purpose.

16 Fishing within Harbour Limits

- 16.1 No person shall fish or use any fishing apparatus anywhere within the Inner Harbour.
- 16.2 The Master of a vessel shall ensure that no fishing apparatus is placed in or near the Victoria Channel in a manner that could pose a risk of being fouled by any vessel using the Victoria Channel or waters contiguous to it. If the owner of fishing apparatus shall not comply with any direction of the Harbour Master given to remove the apparatus, the Harbour Master may, on giving where reasonably practicable notice, remove such apparatus.

17 Registration & Insurance of Leisure Craft Vessels

- 17.1 Every vessel must have their name or ID letters conspicuously marked on it.
- 17.2 Every vessel wishing to navigate within the Inner Harbour or use the Leisure Craft Facilities must have appropriate third party marine insurance to cover a minimum of £2 million.

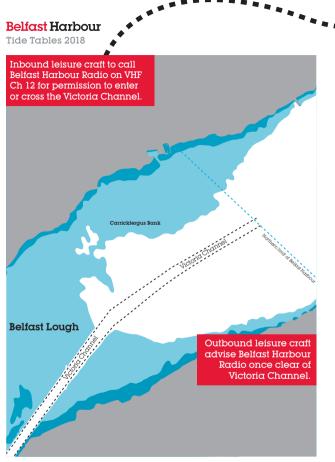
18 Non Displacement Craft

Hovercraft, WIG craft and Seaplanes are not permitted within Harbour Limits without prior permission from the Harbour Master.

19 Pontoon Access

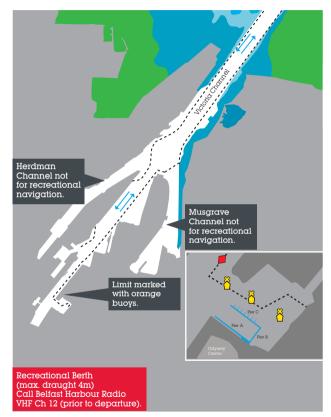
19.1 The Pontoon should be kept clear of obstructions at all times to maintain a safe means of access.

Belfast Harbour Code of Conduct (Cont.)



For guidance only - do not use for navigation

Guidance for recreational users



For guidance only - do not use for navigation



Emergency Contact

Numbers for recreational users

Coastguard

VHF Channel 16 Tel +44 (0)28 9146 3933 or 999

Belfast Harbour Radio VHF Channel 12

Belfast Harbour Office Tel +44 (0)28 9055 4422

Port Operations Tel ± 44 (0)28 9055 30

Tel +44 (0)28 9055 3014

Attention is drawn to the Notices to Mariners on Belfast Harbour's website **www.belfast-harbour.co.uk**; in particular to Notice to Mariners No.1 of 2018.

Belfast Harbour Police Tel +44 (0)28 9055 3000

Northern Ireland Fire & Rescue Service

Tel +44 (0)28 9266 4221 or 999

Northern Ireland Ambulance Service Tel 999



Constants

Port	Н	М	
Ardglass	+0	23	
Ayr	+0	56	
Ballycastle	-3	20	
Bangor	+0	10	
Buncrana, Lough Swilly	-5	6	
Carlingford Bar	+0	24	
Campbeltown	+0	44	
Coleraine	-4	3	
Corran Narrows	-5	17	
Crinan	+5	48	
Donaghadee	+0	20	
Douglas, IoM	+0	7	
Dublin	+0	39	
East Tarbert (Lough Fyne)	+0	55	
Galway	-6	00	
Gigha Sound	+3	31	
Heysham	+0	11	
Killyleagh, Co. Down	+2	2	

Port	н	Μ
Kyleakin	-4	28
Lamlash	+0	50
Larne	+0	4
Londonderry	-2	53
Mull of Kintyre	-0	24
Newcastle, Dundrum Bay	+0	30
Oban	-5	24
Point of Ayre	+0	3
Portavogie	+0	15
Port Ellen (Islay)	-6	0
Port Patrick	+0	10
Portree	-4	38
Portrush	-4	33
Red Bay	+0	6
Strangford Bar	+0	16
Strangford Quay	+1	52
Tobermory	-5	14
Warrenpoint, Co. Down	+0	30

Times & Heights of High & Low Waters

All times are in (GMT) Greenwich Mean Time.

Daylight saving time will begin at 0100 hrs on Sunday 25th March and end at 0200hrs on Sunday 28th October. Between these dates one hour should be added to GMT times.

Heights refer to Harbour Datum which is also Admiralty Chart Datum.

Tidal predictions for Belfast have been computed by The United Kingdom Hydrographic Office (copyright reserved).

Phases of the Moon are reproduced, with permission, from data supplied by The United Kingdom Hydrographic Office.

Follow these steps carefully

- The International Regulations for the Prevention of Collision at Sea Rules apply throughout the Lough. Know them and follow them.
- Give early notice of your intentions as ferries approach very quickly.
- · Check the ferry times in your area.
- Watch out for the ferry wash, especially when launching or retrieving boats.

For information on winter and summer berthing, please call 028 9055 3506 or e-mail m.office@belfast-harbour.co.uk

Further details are also available on the Belfast Harbour website: belfast-harbour.co.uk/port/marina

Levels of Tides

	Above Harbour Datum	
	Feet	Meters
Mean High Water, Spring Tides	11.4	3.5
Mean High Water, Neap Tides	9.7	2.9
Mean Low Water, Spring Tides	1.4	0.4
Mean Low Water, Neap Tides	3.5	1.1
Highest Spring Tide on record 5th January 1991	16.07	4.9
Average range of tide (At Spring Tides) (At Neap Tides)	10.0 6.2	3.1 1.9

The Tidal current runs at the rate of .33 knot on Spring Tides, and .25 knot on Neap Tides.

Harbour & ordnance datum

Harbour Datum Level of No.2 Clarendon Dry Dock Sill, which is also Admiralty Chart Datum.

Ordnance datum (1958)

6.61 feet (2.0 metres) above Harbour datum.

Conversion Table

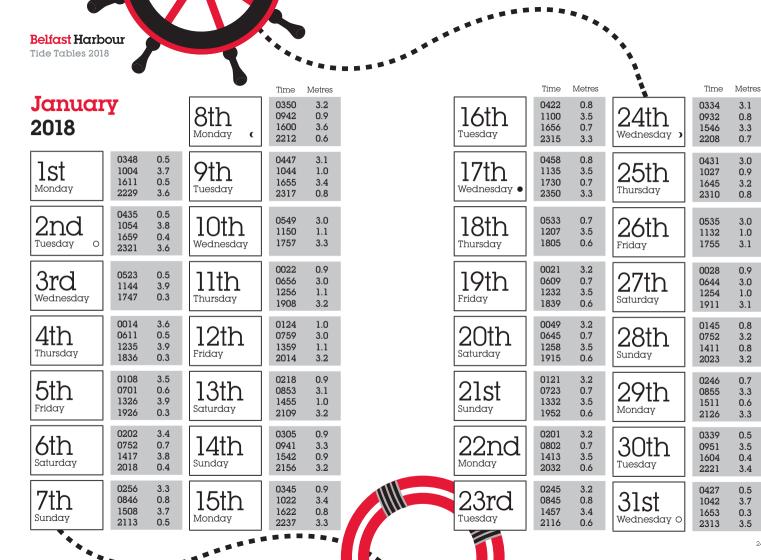
Care has been taken in compiling the information given, but Belfast Harbour cannot be responsible for any inaccuracy, mis-statement or omission.

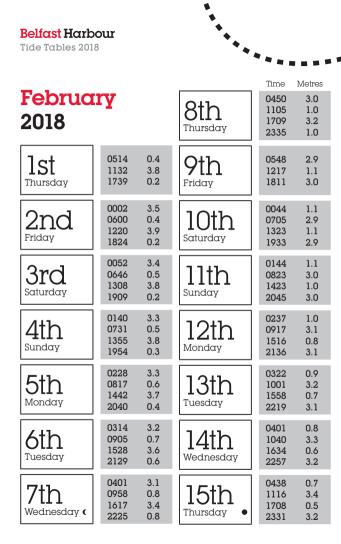
Moon symbols used:

- New
- Full









		Time	Metres		Time	Metres	
	16th	0513 1146 1742	0.6 3.4 0.5	24th Saturday	0500 1101 1731 2359	3.0 0.9 3.0 0.9	
	17th Saturday	0001 0548 1205 1816	3.2 0.6 3.4 0.4	25th	0614 1234 1853	3.0 0.9 3.0	
	18th	0021 0624 1229 1851	3.2 0.5 3.5 0.4	26th	0130 0731 1400 2015	0.9 3.0 0.8 3.0	
	19th Monday	0052 0659 1305 1926	3.2 0.5 3.5 0.4	27th	0235 0842 1502 2121	0.7 3.2 0.5 3.2	
	20th	0131 0736 1347 2004	3.2 0.5 3.5 0.4	28th Wednesday	0330 0940 1555 2214	0.6 3.4 0.3 3.3	
	21st Wednesday	0214 0816 1431 2047	3.2 0.5 3.4 0.5				
•	22nd	0302 0902 1521 2136	3.2 0.6 3.3 0.6	•			
•	23rd,	0356 0956 1619 2236	3.1 0.7 3.2 0.8				**
)	26	

Belfast Harb Tide Tables 2018			S	E	• • • •	****	•	Clocks g Local Time (LT Please add 1 hour
<mark>March</mark> 2018			8th Thursday	Time 0320 0912 1543 2132	Metres 3.1 0.7 3.3 0.8		****	16th
1st Thursday	0419 1030 1643 2302	0.4 3.6 0.2 3.4	9th Friday (0405 1009 1632 2230	3.0 0.9 3.1 1.0			17th Saturday •
2nd o	0504 1117 1726 2347	0.4 3.7 0.1 3.4	loth	0457 1133 1728 2357	2.9 1.0 2.9 1.2			18th
3rd Saturday	0547 1202 1807	0.4 3.8 0.1	11th Sunday	0557 1246 1835	2.8 1.0 2.8			19th Monday
4th Sunday	0031 0627 1247 1846	3.3 0.4 3.7 0.2	12th	0107 0720 1349 2013	1.2 2.8 1.0 2.8			20th
5th Monday	0115 0706 1331 1925	3.3 0.4 3.7 0.3	13th Tuesday	0206 0846 1444 2111	1.1 2.9 0.8 2.9			21st Wednesday
6th Tuesday	0157 0746 1414 2004	3.2 0.5 3.6 0.4	14th Wednesday	0255 0934 1529 2154	0.9 3.1 0.6 3.0			22nd
7th Wednesday	0238 0827 1457 2046	3.2 0.6 3.5 0.6	15th Thursday	0337 1012 1607 2231	0.7 3.2 0.5 3.1			23rd Friday

Clocks go forward by 1 hour on the 25th March 2018 at 01:00hrs. Changing Local Time (LT) from Greenwich Mean Time (GMT) to British Summer Time (BST). ease add 1 hour to Tide Table times to convert to Local Time (British Summer Time).

	Time	Metres		Time	Metres
- 16th Friday	0414 1046 1642 2304	0.6 3.3 0.4 3.2	24th saturday ,	0332 0935 1606 2216	3.2 0.6 3.1 0.9
17th Saturday •	0450 1114 1716 2330	0.5 3.3 0.3 3.2	25th	0437 1045 1720 2344	3.0 0.8 2.9 1.0
18th	0524 1131 1750 2351	0.5 3.4 0.3 3.3	26th	0553 1226 1848	3.0 0.8 2.9
19th Monday	0559 1200 1825	0.4 3.4 0.3	27th	0115 0717 1348 2011	0.9 3.0 0.7 3.0
20th Tuesday	0024 0634 1240 1900	3.3 0.4 3.5 0.3	28th Wednesday	0222 0830 1450 2112	0.8 3.2 0.4 3.1
21st Wednesday	0105 0711 1323 1939	3.3 0.4 3.5 0.4	29th	0318 0926 1542 2202	0.6 3.4 0.3 3.3
22nd	0149 0753 1411 2023	3.3 0.4 3.4 0.5	30th	0407 1015 1627 2246	0.5 3.6 0.2 3.3
23rd	0238 0840 1504 2114	3.3 0.5 3.3 0.7	31st Saturday •	0450 1059 1708 2328	0.4 3.6 0.2 3.3

Belfast Harbour

Tide Tables 2018

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<mark>April</mark> 2018			8th Sunday	Time 0417 1036 1653 2250	Metres 3.0 1.0 2.8 1.2
1st Sunday	0530 1142 1745	0.4 3.6 0.2	9th Monday	0514 1207 1755	2.9 1.0 2.7
2nd Monday	0009 0606 1224 1820	3.3 0.4 3.6 0.3	10th Tuesday	0024 0618 1313 1909	1.2 2.8 0.9 2.7
3rd Tuesday	0048 0642 1304 1855	3.3 0.4 3.5 0.4	11th Wednesday	0129 0739 1408 2029	1.1 2.8 0.8 2.9
4th Wednesday	0126 0718 1345 1931	3.3 0.5 3.5 0.5	12th	0223 0849 1455 2117	1.0 3.0 0.6 3.0
5th Thursday	0204 0756 1427 2010	3.3 0.5 3.5 0.7	13th	0307 0931 1535 2154	0.8 3.1 0.5 3.1
6th Friday	0244 0837 1511 2052	3.2 0.7 3.2 0.8	14th Saturday	0346 1006 1612 2227	0.7 3.3 0.3 3.2
7th Saturday	0328 0926 1559 2142	3.1 0.8 3.0 1.0	15th	0422 1034 1646 2256	0.5 3.3 0.3 3.3

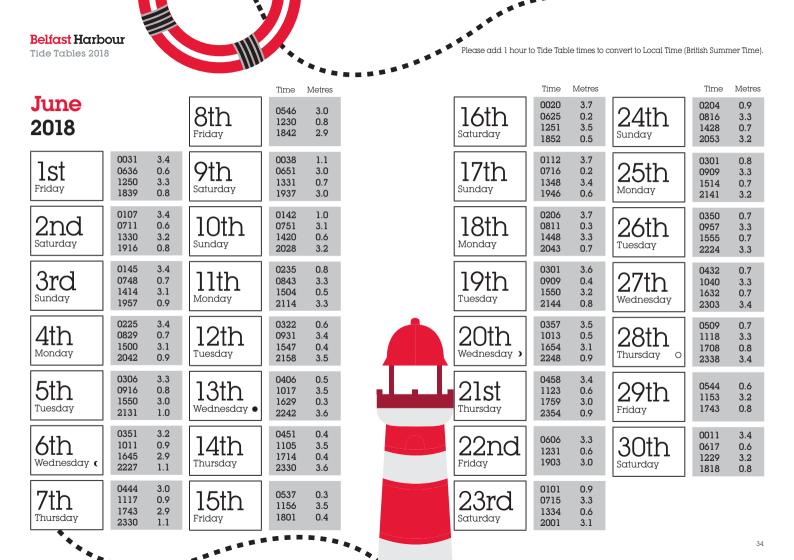
	Time	Metres		Time	Metres
16th Monday	0457 1101 1721 2325	0.4 3.4 0.3 3.4	24th Tuesday	0539 1213 1845	3.1 0.7 2.9
17th Tuesday	0533 1136 1757	0.4 3.5 0.3	25th Wednesday	0055 0701 1331 1957	1.0 3.1 0.6 3.0
18th Wednesday	0001 0610 1218 1836	3.4 0.3 3.5 0.3	26th	0204 0811 1433 2054	0.8 3.3 0.5 3.1
19th Thursday	0044 0651 1306 1919	2.5 0.3 3.5 0.4	27th	0301 0906 1524 2142	0.7 3.4 0.3 3.2
20th	0131 0736 1358 2007	3.5 0.3 3.4 0.5	28th Saturday	0350 0955 1606 2226	0.6 3.5 0.3 3.3
21st Saturday	0222 0827 1456 2102	3.4 0.4 3.2 0.7	29th	0432 1039 1644 2307	0.5 3.6 0.3 3.3
22nd	0319 0926 1603 2208	3.3 0.6 3.1 0.9	30th	0510 1120 1719 2346	0.5 3.5 0.4 3.3
23rd	0423 1041 1719 2332	3.2 0.7 2.9 1.0			



Tide Tables 2018

				Time	Metres	
<u>May</u> 2018			8th Tuesday	0434 1109 1720 2317	3.0 1.0 2.8 1.2	
lst Tuesday	0546 1159 1754	0.5 3.5 0.5	9th Wednesday	0534 1228 1824	2.9 0.9 2.8	
2nd Wednesday	0021 0621 1238 1828	3.3 0.5 3.4 0.6	10th	0039 0639 1328 1928	1.2 2.9 0.8 2.9	
3rd Thursday	0056 0655 1317 1903	3.3 0.5 3.3 0.6	11th Friday	0140 0745 1417 2025	1.1 3.0 0.6 3.0	
4th Friday	0133 0731 1358 1941	3.4 0.6 3.3 0.8	12th Saturday	0230 0839 1500 2110	0.9 3.1 0.5 3.2	
5th Saturday	0213 0810 1442 2022	3.3 0.7 3.2 0.9	13th	0313 0922 1538 2148	0.7 3.3 0.4 3.3	C
6th	0255 0855 1530 2109	3.3 0.8 3.0 1.0	14th Monday	0352 0959 1615 2225	0.6 3.4 0.3 3.4	
7th Monday	0342 0950 1622 2205	3.1 0.9 2.9 1.1	15th Tuesday	0430 1037 1653 2302	0.5 3.5 0.3 3.5	

	Time	Metres		Time	Metres
16th Wednesday	0509 1118 1733 2344	0.4 3.5 0.3 3.6	24th	0027 0638 1305 1933	1.0 3.2 0.5 3.0
17th	0551 1204 1817	0.3 3.5 0.4	25th	0135 0746 1407 2029	0.9 3.3 0.5 3.1
18th Friday	0030 0636 1257 1904	3.6 0.3 3.5 0.5	26th	0236 0842 1458 2119	0.8 3.4 0.5 3.2
19th Saturday	0121 0725 1354 1956	3.6 0.3 3.4 0.6	27th	0327 0932 1541 2204	0.7 3.4 0.5 3.3
20th	0215 0820 1456 2054	3.5 0.4 3.2 0.8	28th	0412 1018 1619 2245	0.6 3.4 0.5 3.3
21st Monday	0312 0921 1602 2200	3.5 0.5 3.1 0.9	29th Tuesday o	0451 1059 1655 2323	0.6 3.4 0.6 3.3
22nd	0413 1033 1714 2313	3.4 0.6 3.0 1.0	30th Wednesday	0527 1137 1730 2358	0.6 3.4 0.7 3.4
23rd Wednesday	0523 1151 1828	3.3 0.6 3.0	31st Thursday	0602 1213 1805	0.6 3.3 0.7





T1				Time	Metres
<mark>July</mark> 2018			8th Sunday	0559 1235 1853	3.1 0.8 3.0
lst Sunday	0044 0651 1305 1854	3.4 0.6 3.2 0.8	9th Monday	0051 0708 1342 1949	1.0 3.1 0.7 3.2
2nd Monday	0118 0725 1345 1933	3.4 0.6 3.1 0.8	10th Tuesday	0201 0812 1437 2043	0.9 3.2 0.6 3.3
3rd Tuesday	0152 0803 1426 2015	3.4 0.6 3.1 0.8	11th Wednesday	0259 0909 1526 2135	0.7 3.4 0.5 3.5
4th Wednesday	0228 0844 1511 2059	3.4 0.7 3.1 0.9	12th	0350 1002 1613 2225	0.5 3.5 0.4 3.6
5th Thursday	0308 0930 1601 2148	3.3 0.7 3.0 0.9	13th Friday	0439 1054 1700 2316	0.3 3.5 0.4 3.7
6th Friday ,	0355 1022 1656 2241	3.2 0.8 3.0 1.0	14th Saturday	0527 1146 1749	0.2 3.5 0.5
7th Saturday	0452 1124 1754 2342	3.1 0.8 3.0 1.0	15th	0007 0614 1240 1838	3.8 0.2 3.4 0.5

		Time	Metres		Time	Metres
	16th Monday	0059 0704 1334 1930	3.8 0.2 3.4 0.6	24th Tuesday	0234 0847 1448 2118	0.9 3.1 0.9 3.2
	17th Tuesday	0150 0755 1430 2023	3.8 0.2 3.3 0.6	25th Wednesday	0328 0938 1531 2203	0.8 3.2 0.8 3.3
	18th Wednesday	0242 0847 1525 2118	3.7 0.3 3.2 0.7	26th	0413 1022 1610 2243	0.7 3.2 0.8 3.4
	19th	0333 0944 1621 2217	3.6 0.4 3.1 0.8	$\underset{\rm Friday}{27th}_{\circ}$	0449 1101 1645 2320	0.7 3.2 0.8 3.4
	20th	0427 1047 1720 2321	3.5 0.6 3.0 0.9	28th Saturday	0522 1137 1720 2352	0.6 3.2 0.8 3.4
	21st Saturday	0526 1154 1823	3.3 0.7 3.0	29th	0554 1209 1755	0.6 3.2 0.8
	22nd	0027 0634 1259 1928	1.0 3.1 0.8 3.0	30th	0021 0627 1240 1831	3.4 0.6 3.2 0.7
K	23rd	0132 0746 1357 2026	1.0 3.1 0.9 3.1	31st Tuesday	0046 0700 1311 1907	3.4 0.6 3.2 0.7
						36

Metres Time August 0137 0.9 8th 3.1 0748 2018 1418 0.7 Wednesday 2020 3.3 0117 3.4 0245 0.7 1st 9th 0735 0.6 0854 3.2 1346 3.2 0.6 1513 Wednesday Thursday 0.7 1946 2117 3.5 0153 3.4 0.5 0340 10th 2nd 0.6 0812 0952 3.4 3.1 0.5 1427 1603 Thursday Friday 2026 0.7 2211 3.6 0234 3.4 0430 0.3 3rd 11th 0853 0.6 1044 3.5 1514 3.1 1650 0.5 Friday Saturday 2111 0.8 2301 3.8 0320 3.3 0.2 0516 4th 12th 0940 0.7 3.5 1134 3.1 1607 1736 0.5 Saturday Sunday C 2201 0.9 2350 3.8 0413 3.2 5th 0601 0.1 13th 0.8 1036 1223 3.4 3.0 1707 Sunday 1822 0.5 Monday 2259 1.0 0040 3.8 6th 0519 3.1 14th 0.1 0646 1144 0.9 1313 3.4 Monday 3.0 1812 Tuesday 1908 0.5 0010 1.0 0129 3.8 7th 15th 0634 3.1 0731 0.2 1310 0.9 1403 3.3 Tuesday Wednesday 0.6 1917 3.1 1956

		Time	Metres		Time	Metres
	16th Thursday	0217 0817 1453 2045	3.7 0.3 3.2 0.7	24th	0348 1003 1546 2221	0.7 3.1 0.9 3.4
	17th	0305 0905 1542 2139	3.6 0.5 3.2 0.8	25th Saturday	0424 1041 1622 2257	0.6 3.2 0.8 3.4
	18th Saturday ,	0354 1000 1632 2243	3.4 0.7 3.1 0.9	26th Sunday o	0456 1116 1656 2329	0.6 3.2 0.7 3.4
	19th	0446 1109 1727 2353	3.2 0.9 3.0 1.0	27th	0528 1147 1731 2351	0.5 3.2 0.7 3.4
	20th	0546 1221 1836	3.0 1.1 2.9	28th Tuesday	0600 1210 1805	0.5 3.2 0.7
	21st ^{Tuesday}	0101 0707 1324 1955	1.1 2.9 1.1 3.0	29th Wednesday	0010 0632 1235 1839	3.4 0.5 3.2 0.7
7	22nd Wednesday	0205 0825 1420 2054	1.0 2.9 1.1 3.1	30th	0043 0705 1310 1915	3.5 0.5 3.3 0.6
N	23rd	0302 0919 1507 2141	0.9 3.0 1.0 3.3	31st Friday	0122 0740 1352 1954	3.5 0.5 3.3 0.7
						38

Septem 2018	ber		8th Saturday	Time 0329 0945 1552 2158	0.4 3.3 0.6 3.7	
1st Saturday	0205 0819 1438 2038	3.5 0.6 3.3 0.7	9th Sunday	0418 1033 1637 2246	0.3 3.5 0.5 3.8	
2nd	0252 0905 1529 2128	3.4 0.7 3.2 0.8	10th Monday	0501 1119 1720 2332	0.2 3.5 0.5 3.8	
3rd Monday (0345 1000 1630 2227	3.2 0.9 3.1 1.0	11th _{Tuesday}	0542 1204 1801	0.2 3.5 0.5	
4th Tuesday	0453 1109 1740 2343	3.1 1.0 3.1 1.0	12th Wednesday	0018 0622 1249 1842	3.8 0.2 3.4 0.5	
5th Wednesday	0613 1251 1853	3.0 1.0 3.1	13th	0105 0701 1334 1925	3.8 0.3 3.4 0.6	
6th Thursday	0125 0734 1406 2003	0.9 3.0 0.9 3.3	14th	0150 0742 1418 2009	3.7 0.5 3.3 0.7	
7th	0234 0848 1502 2105	0.7 3.2 0.7 3.5	15th Saturday	0236 0824 1503 2056	3.6 0.7 3.3 0.8	

		Time	Metres		Time	Metres
	16th	0322 0911 1549 2154	3.4 0.9 3.2 1.0	24th	0427 1049 1630 2257	0.6 3.3 0.7 3.4
	17th Monday	0411 1007 1639 2314	3.2 1.1 3.1 1.1	25th Tuesday o	0459 1118 1704 2315	0.5 3.3 0.7 3.5
	18th	0506 1133 1737	3.0 1.3 3.0	26th Wednesday	0531 1138 1738 2338	0.5 3.4 0.6 3.5
	19th Wednesday	0026 0613 1247 1855	1.1 2.8 1.3 3.0	27th	0603 1204 1812	0.5 3.4 0.6
	20th	0131 0756 1347 2022	1.1 2.8 1.2 3.1	28th	0014 0636 1241 1847	3.5 0.5 3.4 0.6
-	21st	0229 0856 1438 2113	0.9 3.0 1.1 3.2	29th Saturday	0056 0712 1323 1927	3.5 0.5 3.4 0.6
	22nd	0316 0939 1520 2153	0.8 3.1 1.0 3.3	30th	0141 0753 1410 2012	3.5 0.6 3.4 0.7
	23rd	0354 1016 1556 2228	0.6 3.2 0.8 3.4			

Belfast Harbour

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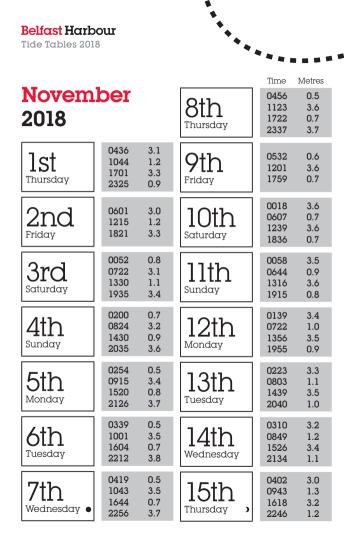
Tide Tables 2018

Octobe	r	1		Time 0401	Metres 0.3		[
2018	_		8th Monday	1019 1622 2230	3.4 0.7 3.7			
1st Monday	0231 0840 1503 2104	3.4 0.8 3.3 0.8	9th Tuesday •	0442 1102 1702 2314	0.3 3.5 0.6 3.8			I
2nd ,	0329 0937 1605 2207	3.2 1.0 3.2 0.9	10th Wednesday	0519 1143 1741 2357	0.3 3.5 0.6 3.8			
3rd Wednesday	0440 1050 1717 2333	3.0 1.2 3.1 1.0	11th Thursday	0556 1224 1818	0.4 3.5 0.6			F
4th Thursday	0603 1237 1835	3.0 1.2 3.2	12th	0040 0632 1305 1857	3.7 0.5 3.5 0.7			
5th Friday	0113 0731 1351 1951	0.9 3.0 1.0 3.3	13th Saturday	0123 0710 1345 1938	3.6 0.7 3.4 0.7			
6th Saturday	0220 0841 1449 2053	0.7 3.2 0.8 3.5	14th Sunday	0207 0750 1427 2021	3.5 0.8 3.4 0.9			1
7th Sunday	0314 0934 1538 2144	0.4 3.4 0.7 3.7	15th Monday	0251 0832 1511 2112	3.3 1.0 3.3 1.0			
•					-			

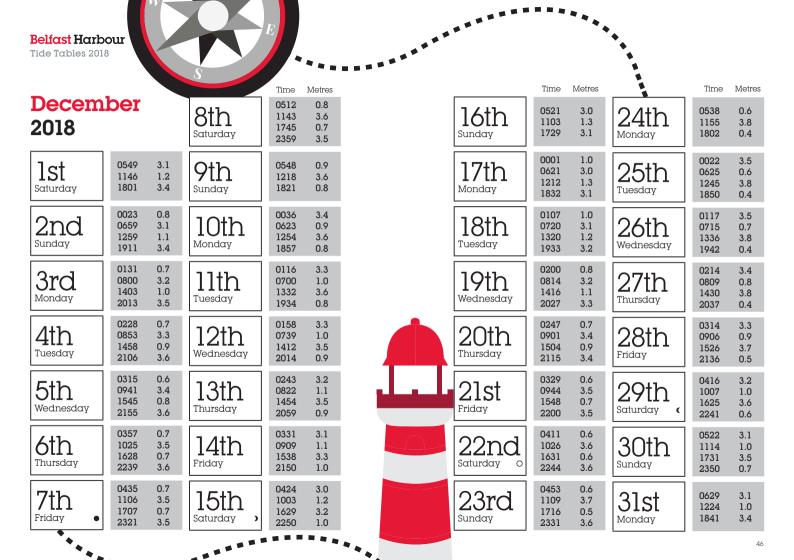
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Clocks go back by 1 hour on the 28th October 2018 at 02:00hrs. Changing Local Time (LT) from British Summer Time (BST) to Greenwich Mean Time (GMT).

	Time	Metres		Time	Metres
16th Tuesday ,	0339 0921 1600 2222	3.2 1.2 3.2 1.1	24th Wednesday o	0428 1044 1637 2244	0.5 3.5 0.7 3.5
17th Wednesday	0433 1026 1655 2346	3.0 1.4 3.1 1.2	25th	0501 1110 1711 2313	0.5 3.5 0.6 3.6
18th	0534 1200 1759	2.8 1.4 3.0	26th	0535 1140 1747 2351	0.5 3.6 0.6 3.6
19th	0052 0650 1308 1917	1.1 2.8 1.4 3.0	27th	0611 1218 1826	0.6 3.6 0.6
20th	0150 0815 1403 2029	1.0 3.0 1.2 3.2	28th	0036 0650 1303 1908	3.6 0.6 3.6 0.6
21st	0239 0903 1449 2115	0.8 3.1 1.1 3.3	29th Monday	0125 0735 1352 1957	3.5 0.8 3.6 0.7
22nd	0319 0941 1527 2151	0.7 3.3 0.9 3.4	30th Tuesday	0220 0826 1447 2052	3.4 0.9 3.5 0.8
23rd Tuesday	0354 1015 1603 2221	0.6 3.4 0.8 3.5	31st Wednesday (0323 0927 1550 2200	3.2 1.1 3.4 0.9



	Time	Metres		Time	Metres	
16th	0459 1050 1716	2.9 1.4 3.1	24th Saturday	0511 1123 1729 2338	0.5 3.7 0.6 3.6	
17th Saturday	0004 0602 1213 1820	1.2 2.9 1.4 3.1	25th	0552 1204 1812	0.6 3.7 0.5	
18th	0106 0710 1319 1926	1.1 3.0 1.3 3.1	26th Monday	0026 0636 1252 1858	3.6 0.7 3.7 0.5	
19th Monday	0158 0811 1410 2024	0.9 3.1 1.2 3.2	27th	0119 0725 1343 1949	3.5 0.8 3.7 0.6	
20th	0242 0858 1454 2109	0.8 3.3 1.0 3.4	28th Wednesday	0218 0819 1439 2047	3.4 0.9 3.6 0.7	
21st Wednesday	0320 0937 1533 2146	0.7 3.4 0.8 3.5	29th	0322 0920 1539 2153	3.2 1.1 3.5 0.7	
22nd	0356 1013 1610 2220	0.6 3.5 0.7 3.6	30th	0433 1030 1646 2307	3.1 1.2 3.4 0.8	
23rd o	0433 1046 1649 2256	0.5 3.6 0.6 3.6			Ľ	
				y	44	



Contact Numbers

Belfast Harbour

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Port Operations Tel: 028 9055 3014

Port Control VHF Channel 12

Harbour Police Tel: 028 9055 3000 River Lagan (DSD)

River Manager Tel: 028 9027 7642

Weir Control / River Warden Tel: 028 9031 5304

Weir Control VHF Channel 71 Callsign "Lagan Weir"