

Welcome

The Milford Haven Waterway comprises approximately 23 miles of sheltered, tidal waterway, with an abundance of wildlife along the river banks. There are many tributaries waiting to be explored, but those who are not familiar with the area should always be aware of the tidal state when venturing off the main waterway.

Our policy for leisure is to provide zones for specific usage and encourage compliance through education and persuasion.

A huge effort has been made by all the bodies involved in achieving this and for that I am grateful. However, education can only go so far and, for those few persistent offenders, recourse to the Courts may be the only option open. We will not hesitate to use this in appropriate cases.



MC Andrews, Harbourmaster

Milford Haven Port Authority - Selected Bye-laws

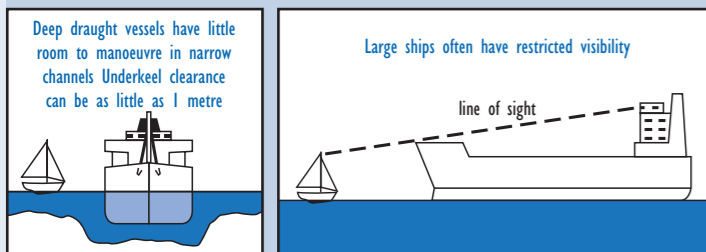
B/L20 Vessels to be Navigated with Care:

A vessel shall not be navigated or manoeuvred within the Haven in such a manner or at such speed as will or may:

- Cause damage to any lock gate, sea wall, jetty or other property within the Haven;
- Cause damage, inconvenience or interruption to dredgers or other craft working within the Haven;
- Cause damage, danger or inconvenience to other users of the Haven.

B/L22 As to Fairway:

No vessel (whether sailing or power-driven) which is not confined to a channel by a reason of its draught, shall make use of that channel in such a way as to cause obstruction to any other vessel (whether sailing or power driven) which is confined to that channel by reason of its draught.



B/L24 Recognised Landing Place not to be Obstructed:

A master 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 in the Haven.

B/L27 Unauthorised Vessels not to Approach Petroleum Berth:

Except with the permission of the Harbourmaster no vessel other than a petroleum ship, a vessel engaged in the mooring, unmooring and berthing operations of a petroleum ship or a vessel engaged in supplying or servicing a petroleum ship shall enter or navigate within 100 metres of a petroleum berth or a petroleum ship moored thereto.

B/L29 Water-skiing and Aqua-planing

A person shall not without the permission of the Harbourmaster engage or take part in water-skiing or aqua-planing, para-kiting or any similar airborne or waterborne activities in the Haven except in such areas as the Harbourmaster may designate and in accordance with such reasonable conditions as he may impose.

Note: The above are not permitted amongst moorings.

B/L30 Navigating Whilst Drunk

A person shall not navigate any vessel within the Haven whilst under the influence of drink or drugs to such an extent as to be incapable of taking proper control of the vessel.

B/L56 Acts Affecting Safety of Navigation

A person shall not do any act or thing injuriously affecting the safety of navigation within the Haven.

Full details of the Milford Haven Bye-laws 1984 are available on request from the Harbourmaster.

Selected International Regulations for Preventing Collision at Sea 1972 (with 1995 amendments)

Rule 5 Every vessel shall at all times maintain proper lookout by sight and hearing as well as by all available means appropriate to the prevailing circumstances and conditions so as to make a full appraisal of the situation and of risk of collision.

Rule 6 Every vessel shall at all times proceed at a safe speed so that she can take proper and effective action to avoid a collision and be stopped within a distance appropriate to the prevailing conditions.

Rule 9(b) A vessel of less than 20m in length or a sailing vessel shall not impede the passage of a vessel which can safely navigate only within a narrow channel or fairway.

Rule 13 Any vessel overtaking any other shall keep out of the way of the vessel being overtaken.

Rule 14(a) When two power-driven vessels are meeting on reciprocal courses so as to involve risk of collision each shall alter her course to starboard so that each shall pass on the port side of each other.

Rule 18(a) A power-driven vessel underway shall keep out of the way of:

iv) a sailing vessel

Rule 18(a)(b) A vessel underway shall keep out of the way of:

- a vessel not under command;
- a vessel restricted in her ability to manoeuvre;
- a vessel engaged in fishing;

Tidal Differences at High Water

Appropriate times to be applied to Milford Haven High Water Predictions

| | |
|---------------|--------------|
| Dover | +5 hrs |
| Fishguard | +1 hr 3 mins |
| Neyland | +2 mins |
| Haverfordwest | +10 mins |
| Tenby | -14 mins |
| Swansea | +5 mins |
| Ilfracombe | -30 mins |
| Padstow | -50 mins |

Navigation Notes

Approach for Milford Docks

Leading lights 348° fixed blue in line with fixed blue on white background attached to wall below the Lord Nelson Hotel.

Cleddau Bridge

There may be confused water by bridge piers approximately 1 hour before and after High Water Springs.

Tidal Streams

Across the entrance to Milford Haven the streams run approximately at right angles to the line of approach; well within the entrance they run nearly parallel to the channel.

The tidal streams run approximately as follows:

| Position | Interval from High Water Milford Haven | Direction |
|-------------------------|---|-----------|
| 1 mile outside entrance | +0455 | East |
| | -0125 | West |
| | <i>Maximum spring rate in each direction is 2.25 knots</i> | |
| Inside the entrance | -0555 | Ingoing |
| | +0030 | Outgoing |
| | <i>Maximum spring ingoing rate is 1.5 knots and outgoing rate is 1.75 knots</i> | |

It should be noted that heavy swell may be experienced until inside St Anne's Head in adverse conditions as far as Angle Light-buoy.

Tidal streams within the Haven run in the direction of the deepwater channel as far as Wear Point (51°42'N, 04°59'W). In the reach above the Wear Point the ingoing stream is deflected to the north side of the channel by Carr Spit (51°42'N, 04°57.8'W).

In Pembroke Reach the ingoing stream runs principally in the channel north of Dockyard Bank, attaining a Spring rate of 2.0 knots; it is weak and irregular in the channel south of this bank, in which it attains a spring rate of 0.5 knot. The outgoing stream runs strongly in the channel south of Dockyard Bank, attaining a spring rate of 2.0 knots. It is weak on the south side of the channel, north of the bank; in the north part of the latter channel an eddy runs strongly during the outgoing stream.

Local Weather Information

Port Control VHF channels 12, 14

Times: at, or soon after, 0300, 0900, 1500 and 2100 hours GMT daily; prior to these broadcasts, notification will be transmitted to all ships on channel 16. Gale warnings will be broadcast on receipt. Forecasts will be relayed on request at times other than the routine schedule.

Milford Coastguard VHF channels 16, 84

Times: Inshore weather 0750, repeated three hourly, and 1950, repeated three hourly. Strong wind and gale warnings are broadcast as soon as they have been received and on subsequent three hour forecasts.

FOG recommended procedure for small craft in visibility of 0.5 mile or less

1. All craft with VHF radio maintain a listening watch on channel 12.
2. Provided you are aware of your position and you intend staying out of the fairway, just monitor the commercial activity in the Haven as reported on channel 12.
3. If you are uncertain of your position, it may be prudent to anchor clear of the shipping channel until visibility improves.

Sound signals used by vessels in the area (Bye-law No 9)

| Signal | Meaning |
|---|---|
| Four short blasts in rapid succession | A power-driven vessel underway is about to turn around (altering course more than 135°) |
| <i>followed after a short interval by</i> | |
| One short blast | vessel turning with head to starboard |
| <i>or</i> | |
| Two short blasts | vessel turning with head to port |
| Three short blasts | vessel operating to stern |
| One long blast, two short blasts | power-driven vessel or vessel not under command unable to give way to a sailing vessel |
| Five short blasts | a vessel is doubtful if you are taking sufficient avoiding action |

Waterway Patrol Vessels

The Harbourmaster operates dedicated patrol craft throughout the Waterway under his control. 24 hour cover is maintained by patrol cutters which are recognised by their green hulls and white superstructure. During the summer season, and at busy times, they are augmented by smaller patrol craft particularly in the reaches above the Cleddau Bridge. The small craft are marked 'Patrol'. The patrol craft are on duty to assist all Waterway users, leisure or commercial, with assistance, advice and water safety. All patrol vessels keep radio watch on channel 12.

On the water safety

Mariners', in particular recreational users, attention is drawn to a recent study conducted by the Maritime & Coastguard Agency in association with the RNLI and RYA in which it was found that out of 49 recent drownings, 29 could have been avoided if the person had been wearing a lifejacket.

It is strongly recommended that, correctly worn, properly maintained, fit for purpose lifejackets be used at all times when on the waters of the Haven and whilst at sea.

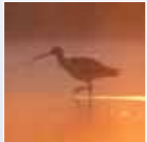
RNLI guidelines on all aspects of safety are available free of charge by calling 0800 326 0600, or visiting www.rnli.org.uk

A Tamar class lifeboat and an inflatable 'D' class inshore lifeboat are based at Angle. People in danger and needing rescue services should contact Milford Coastguard - 999 - ask for Coastguard, or call on VHF channel 16 using accepted emergency procedures.



Conservation & Wildlife

- The unspoilt scenic qualities of the upper and lower reaches led, in 1952, to designation of the Pembrokeshire National Park.
- Many foreshore sites are designated as Sites of Special Scientific Interest.
- The whole Haven is included in a European Marine Special Area Of Conservation - the highest designation within Europe.
- The Haven is a wetland of international importance and is home to one of the most diverse estuarine communities in the United Kingdom.



In spring and summer the peaceful embayments and rivers provide breeding habitats and creche sites for various birds. Wildfowl and wader counts have observed significant numbers of shelduck, teal, widgeon, curlew and redshank with numbers of birds reaching

25,000 in the winter.

A code of conduct exists to help reduce disturbance to all wildlife from Waterbased activities throughout the waterway and coastal areas. For further information on the Pembrokeshire Marine Code visit www.pembrokeshiremarinecode.org.uk

Recreation Activities

A whole range of water-based recreation activities take place on the Waterway, including sailing, power boating, water-skiing, personal watercraft use (jet-skiing), windsurfing, canoeing, fishing, diving and bathing. Activities take place both on an

informal basis and through organised events; authorised rescue craft for organised events fly an orange flag with the word 'RESCUE' in white lettering.

Sharing the Estuary Safely

Within the National Park there is a presumption against activities which detract from quiet enjoyment. The Milford Haven Port Authority is responsible for regulating navigation throughout the Waterway and has promoted bye-laws for this purpose (see reverse panel). Zoning parts of the Waterway for various high speed activities has helped to ensure that the sensitive areas of the Haven remain tranquil. Importantly, this also helps reduce conflict between users and ensures safety of navigation for all.

It is recommended that you:

- have on board and switched on a marine VHF radio capable of listening to the harbour working channel 12 and channel 16.
- check the weather forecast to ensure that your vessel is capable of handling the anticipated conditions.
- check the prevailing sea conditions before proceeding to the harbour entrance.
- ensure that your vessel is handled in a competent manner and avoid taking any unnecessary risks.

Information



The Water Ranger patrols the Waterway all the way from St. Ann's Head at the entrance to the Haven, upriver to Haverfordwest on the Western Cleddau, and Blackpool Mill on the Eastern Cleddau. The main aim of the service on the water is to provide information, advice and assistance to all waterway users, police the zoning system and enforce the

appropriate bye-laws. Liaison and education work is also carried out to promote understanding and appreciation of the area. If you wish to contact the Water Ranger please call 01646 696100.

A whole range of further information for recreation users, including tidal, access and weather details, can be found by visiting the leisure section of our website www.mhpa.co.uk

Controlled & Exclusion Zones

Controlled and exclusion zones are in force around some commercial vessels whilst in the waterway. See over.

Key

- These areas are used by sailing schools for teaching beginners. Proceed with caution
- Dead Slow Minimum Wake
- Jet Ski/PWC Aquabatics Area
- Water-skiing Areas
- National Park
- Marker Buoys
- Castle
- YC Yacht Club
- H Hotel or Public House
- L Launch Site
- P Pontoon (Seasonal)
- M Moorings (Commercial)

- Leading Lights in the Haven

Haven Approach:

West Blockhouse (WBH)
Watwick Beacon (WB) 022(T)

West Channel:

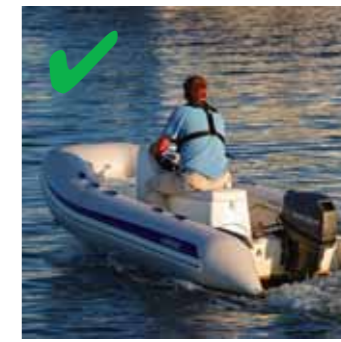
Great Castle Head (GCH)
Little Castle Head (LCH) 040(T)

Main Channel:

Popton and Bullwell beacons
(PP) (BW) in line 095(T) 094(T)

Milford Shelf:

Beacons above Newton Noyes
(NN) 080(T) 087(T)



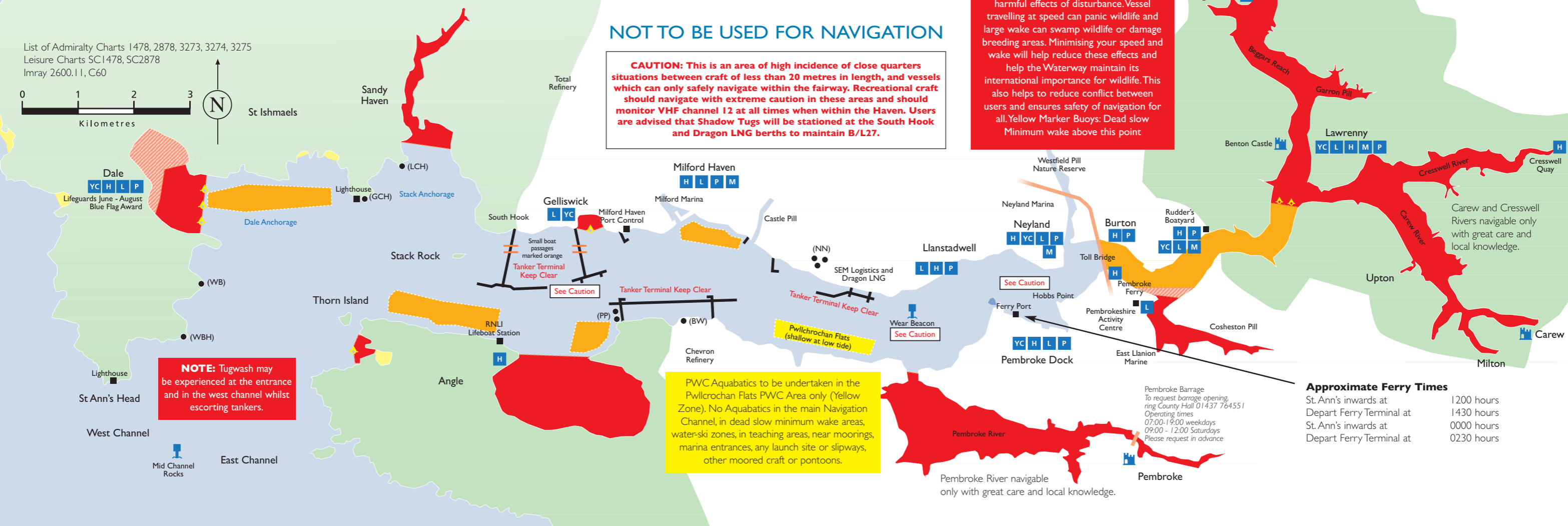
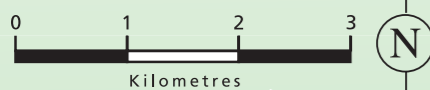
In the interest of Safety for all Waterway users, to maintain balance and reduce conflict, it is clear that various practices of years gone by may be no longer appropriate. With the inevitable increase in water-borne activity, greater numbers of ever more powerful craft and the designation of the Haven as a Special Area of Conservation, it is imperative that everyone involved co-operates with both current and future Recreation Management Policy.

NOT TO BE USED FOR NAVIGATION

CAUTION: This is an area of high incidence of close quarters situations between craft of less than 20 metres in length, and vessels which can only safely navigate within the fairway. Recreational craft should navigate with extreme caution in these areas and should monitor VHF channel 12 at all times when within the Haven. Users are advised that Shadow Tugs will be stationed at the South Hook and Dragon LNG berths to maintain B/L27.

Dead Slow Minimum Wake areas:
The restrictions on speed and wake in various places on the Haven helps protect the wildlife and environment from the harmful effects of disturbance. Vessel travelling at speed can panic wildlife and large wake can swamp wildlife or damage breeding areas. Minimising your speed and wake will help reduce these effects and help the Waterway maintain its international importance for wildlife. This also helps to reduce conflict between users and ensures safety of navigation for all. Yellow Marker Buoys: Dead slow Minimum wake above this point

List of Admiralty Charts 1478, 2878, 3273, 3274, 3275
Leisure Charts SCI478, SC2878
Imray 2600.11, C60



NOTE: Tugwash may be experienced at the entrance and in the west channel whilst escorting tankers.

PWC Aquabatics to be undertaken in the Pwllcrochan Flats PWC Area only (Yellow Zone). No Aquabatics in the main Navigation Channel, in dead slow minimum wake areas, water-ski zones, in teaching areas, near moorings, marina entrances, any launch site or slipways, other moored craft or pontoons.

Approximate Ferry Times

| | |
|--------------------------|------------|
| St. Ann's inwards at | 1200 hours |
| Depart Ferry Terminal at | 1430 hours |
| St. Ann's inwards at | 0000 hours |
| Depart Ferry Terminal at | 0230 hours |