



Tourist Information Centre, Haverfordwest

**Accommodation**

- Windjammer Marine
- Lawrenny Yacht Station
- Dale Sailing
- East Llanion Marine
- Rudders Boatyard
- Milford Marina Boatyard

**Boatyards**

- Pembroke Haven
- Pembrokeshire
- Neyland
- Lawrenny
- Dale

**Yacht Clubs**

- Environment Agency Wales (24 hrs.)
- HM Coastguard
- Withybush Hospital, Haverfordwest
- Customs
- Fire Brigade Boat Section
- Police Boat Section
- Police

**Emergency Numbers**

- Castlemartin Firing Range
- Lawrenny Yacht Station
- Neyland Marina
- HM Coastguard
- Milford Marina
- Milford Pierhead
- Water Ranger
- Milford Haven Port Control

**Key Contacts**

**Further Information**

01437 763110	01646 696312/3	01646 684403	01646 636362	01646 662367
01646 699070	01646 601636	01646 692799	08708 506506	01646 651212
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01646 686866	01646 696312/3	01646 636362	01646 623023	01646 696312
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As large LNG and other vessels are now regular visitors to the Port, particular attention is drawn to the Notice to Mariners 21 of 2011 - extracts of which are reproduced below:

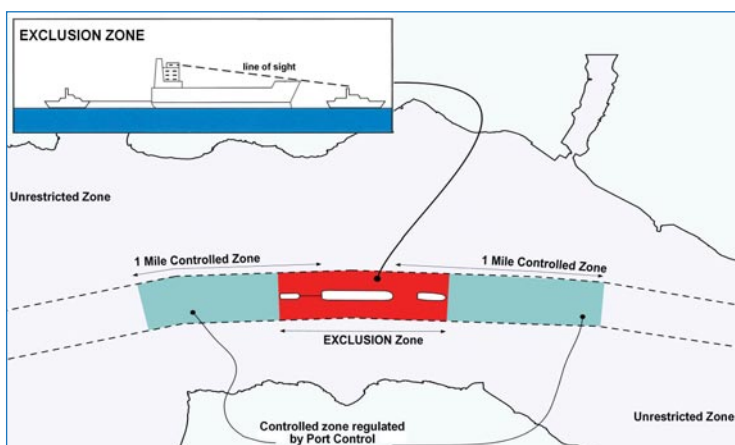
### Controlled and Exclusion Zones

1. **MARINERS ARE HEREBY ADVISED** that, for enhancement of safety, certain specified vessels whilst navigating within the jurisdiction of the port may be allocated zones as follows:

2. **Controlled Zones** - extending 1 mile ahead and astern of the specified vessel and within the main channel. No commercial vessel of 20 metres or more may navigate within the controlled zone except astern of the specified vessel where such navigation is away from it and provided that prior permission has been sought from and granted by Port Control.

3. **Exclusion Zones** - extending ahead to the limit of the line of sight from the bridge of the specified vessel within the confines of the channel. No vessel is permitted to navigate within this zone at any time. Such limit will be determined by a patrol vessel stationed ahead. The zone astern will extend to the stern of an escort tug, where provided, or 100 metres where it is not.

4. A not to scale diagram of the zones is below.



## Welcome

It is my pleasure to welcome you to the Milford Haven Waterway.

Although the Port has undergone several new developments in recent years and the commercial shipping levels have reached record-breaking figures, an increasing number of leisure users happily co-exist with the commercial traffic. Indeed, the majority of the 22 miles for which we are responsible, is devoted entirely to recreational use.

Being fully prepared is vitally important. This guide will give you a valuable insight into the sheltered, tidal Waterway - the designated leisure and commercial zones, water patrols, water safety, weather, tidal streams, as well as the many special wildlife colonies that line its shores.

We are delighted for you to experience the many recreational opportunities afforded on the Waterway and in working hard to ensure the safe enjoyment of leisure users, ask that you continue to respect the specified usage and zoning areas.

Wishing you continued enjoyment on the water,



MC Andrews, Harbourmaster

### Milford Haven Port Authority - Selected byelaws

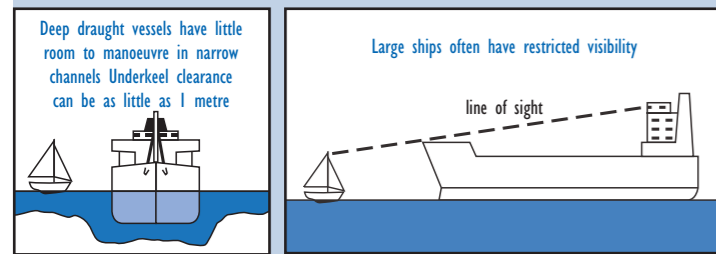
#### B/L20 Vessels to be Navigated with Care:

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 byelaws 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 or 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:

i) a vessel not under command

ii) a vessel restricted in her ability to manoeuvre;

iii) a vessel engaged in fishing

### Navigation Notes

#### VHF Radio Communications

VHF channel 12 is the working channel for the Port. Vessels must monitor this channel when in the Waterway.

#### Commercial Vessel Speed

Large commercial vessels may, at times, make passage at higher speeds than expected to maintain proper control and steerage. Users should monitor the approach of vessels and remain clear when required.

#### 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.

#### 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 (Byelaw No 9)

#### Signal

Four short blasts in rapid succession

*followed after a short interval by*

One short blast

*or*

Two short blasts

Three short blasts

One long blast, two short blasts

Five short blasts

#### Meaning

A power-driven vessel underway is about to turn around (altering course more than 135°)

vessel turning with head to starboard

vessel turning with head to port

vessel operating to stern

power-driven vessel or vessel not

under command unable to give way

to a sailing vessel

a vessel is doubtful if you are taking

sufficient avoiding action

### Tidal Differences at High Water

Appropriate times to be applied to Milford Haven High Water Predictions

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

### 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 Ann'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

Waterway users should ensure suitable equipment is carried and that any mooring or anchors being used are capable of withstanding any extreme weather conditions.

### 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.

### Waterway Patrol Vessels

Dedicated patrol craft operate throughout the Waterway. 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

Waterway 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](http://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.

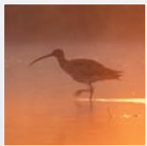
### Fishing Restrictions

The Welsh Government (WG) manages the sea fisheries within the Waterway and surrounding areas. WG statutory instruments and the Bass Order 1990 restrict fishing activity between 30th April and 1st November in Pwllchrochan Flats, Pembroke River and waters above the Cleddau Bridge. The statutory instrument also controls fishing methods, minimum sizes and catch quantities. For more information call 01646 693412. Fishing for salmon, trout, freshwater species and eels within the Waterway requires a valid Environment Agency rod license.



### Conservation & Wildlife

- The unspoilt scenic qualities of the upper and lower reaches led, in 1952, to designation of the Pembrokeshire Coast 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](http://www.pembrokeshiremarinecode.org.uk)

### SAC

Milford Haven Waterway forms part of the 138,069.45ha Pembrokeshire Marine Special Area of Conservation. Human activities may damage or disturb the wildlife and habitats. Their protection depends on the behaviour of all users of the SAC. Please think and act in an environmentally friendly way and follow zoning, byelaws and the Pembrokeshire Marine Code. For further information about SAC, visit [www.pembrokeshirerinesac.org.uk](http://www.pembrokeshirerinesac.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.

### 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 byelaws 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 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 this service is to provide information, advice and assistance to all waterway users, police the zoning system and

enforce the appropriate byelaws. 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](http://www.mhpa.co.uk)

### 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)
- F Fuel

- 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)

Haverfordwest  
High Water Only



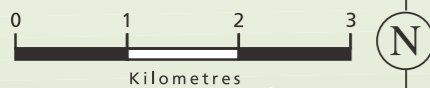
In the interest of safety for all Waterway users, to maintain balance and reduce conflict, it is clear that various practices of years gone by may be no longer appropriate. With the inevitable increase in water-borne activity, greater numbers of ever more powerful craft and the designation of the Haven 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:** These areas are designated for navigational safety and importance for wildlife. Bays, creeks and tributaries provide vital feeding and breeding areas. At low water most of these areas may dry out or become very shallow revealing submerged natural features. The restriction on speed and wake reduces disturbance and helps protect wildlife from swamping or being panicked by fast moving vessels, and the environment from damaging effects of wake and vessel contacts. Operating at slow speed in these areas also reduces the possibility of serious injury or damage and also helps to reduce conflicts between users and ensures safe navigation for all.

List of Admiralty Charts 1478, 2878, 3273, 3274, 3275  
Leisure Charts SC1478, SC2878  
Imray 2600.11, C60



St Ishmaels

Sandy Haven

Murco Refinery

Dale  
YC H L P  
Blue Flag Award

Lighthouse (GCH)

Stack Anchorage

South Hook LNG

Gelliswick

Milford Haven Port Control

Milford Marina

Castle Pill

Neyland Marina

Neyland

Hobbs Point

Ferry Port

Pembroke Dock

East Llanion Marine

Pembroke Barrage

To request barrage opening, ring County Hall 01437 764551

Operating times

07:00-19:00 weekdays

09:00-12:00 Saturdays

Please request 72hrs in advance

Pembroke

Pembroke River navigable only with great care and local knowledge.

Pembroke

Pembroke

Pembroke

Pembroke

Pembroke

Pembroke

Pembroke

Pembroke

Pembroke

Pembroke

Stack Rock

Thorn Island

Angle

RNLI Lifeboat Station

Valero Refinery

Wear Beacon

SEM Logistics and Dragon LNG

Llanstadwell

Burton

Rudder's Boatyard

Toll Bridge

Pembroke Ferry

Pembroke

Carew and Cresswell Rivers navigable only with great care and local knowledge.

Milton

Carew

Milton

Carew

Milton

Carew

Milton

Carew

Milton

Carew

Milton

Carew

Milton

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

PWC aquabatics are ONLY permitted in the Pwllchrochan Flats PWC area. PWC's are permitted elsewhere in the haven given that they navigate considerably with due care and attention and in compliance with Harbour byelaws and zoning.

### 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