

Ports Handbook for Orkney

6th Edition

February 2024 update



ORKNEY
ISLANDS COUNCIL



ORKNEY ISLANDS COUNCIL
Marine Services
HARBOUR AUTHORITY • TOWAGE SERVICES



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Contact:

Marine Services
 Harbour Authority Building
 Scapa
 Orkney KW15 1SD
 Scotland

Tel: +44 (0) 1856 873636
 Fax: +44 (0) 1856 873012
 Email: harbours@orkney.gov.uk
 Website: www.orkneyharbours.com

PORTS HANDBOOK – 6TH EDITION

The Orkney County Council Act of 1974 authorised the Orkney Islands Council to exercise jurisdiction as a Statutory Harbour Authority and defined the areas in which the new authority was empowered. These were Scapa Flow and its approaches, Wide Firth and Shapinsay Sound and included Stromness, Kirkwall and the Flotta Oil Terminal.

The Orkney Islands Council Order Confirmation Act 1978 and the Orkney Islands Council Harbour Revision Order 1989 extended jurisdiction to include 12 additional piers and harbours in the northern islands.

In order to administer its responsibility as a statutory Harbour Authority, Orkney Islands Council formed the Department of Harbours in 1975.

As a Harbour Authority, the Council's aim, through Marine Services, is to ensure that Orkney's piers and harbours are operated in a safe and cost effective manner. It is hoped that this handbook, which is intended as a quick reference guide for port users, will help in achieving this aim.

Whilst the information contained in this handbook is believed to be correct at the time of printing, the Harbour Authority can assume no responsibility for the accuracy of its contents. For the latest port information, users should consult the port's website www.orkneyharbours.com or the relevant Admiralty publications and charts.

Personnel:

James Buck FRIN
**Harbour Master and
 Head of Marine Services, &
 Transportation**

David Sawkins
**Deputy Harbour Master
 (Strategy & Support)**

Douglas Manson
**Deputy Harbour Master
 (Operations)**

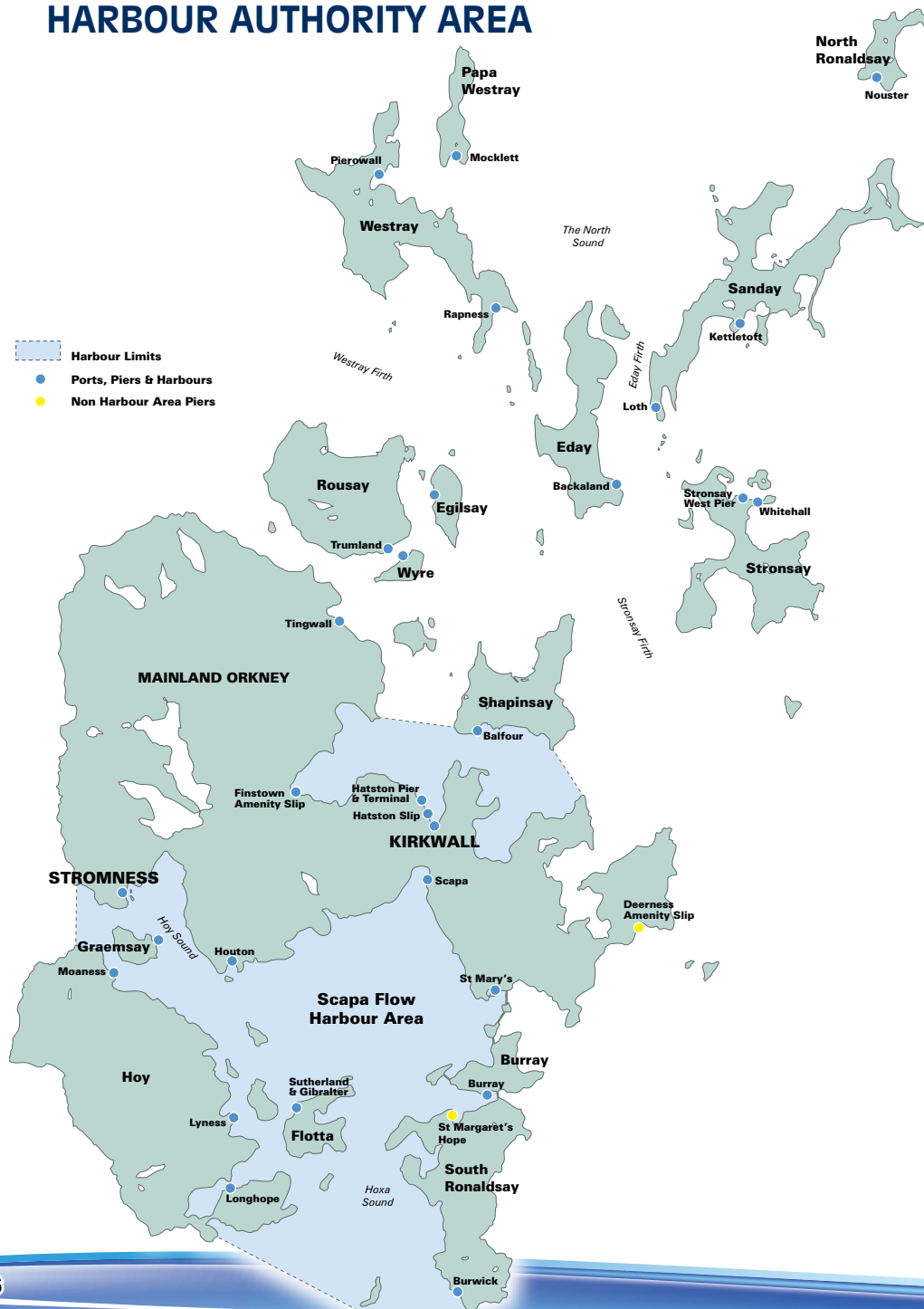
David Hibbert
Senior Technical Superintendent

Paul Olvhoj
Business Development Manager



The Orkney Islands Council Marine Services offices on the shorefront overlooking Scapa Flow.

HARBOUR AUTHORITY AREA



PILOTAGE SERVICES & PILOTAGE EXEMPTION CERTIFICATES

Orkney Islands Council Marine Services are the Competent Harbour Authority for the following areas:-

1. The competent Harbour Authority area for Scapa Flow etc., bounded as follows: commencing at the Out Taings point of Hoy; thence in a straight line to Breckness on Mainland; thence in a generally eastern direction following the line of low water on the southern boundaries of Mainland to the northern end of the northernmost Churchill Barrier; then in a generally southern direction following the western sides of the four Churchill Barriers and the lines of low water on the western boundaries of the islands of South Ronaldsay (other than Swona) to Brough Ness; thence in a generally western direction by a straight line to the southernmost part of Swona and a straight line from that point to Brims Ness on South Walls on the island of Hoy; thence following the line of low water on the western and northern side of Aith Hope and the seaward boundaries of South Walls and of Hoy to the point of commencement.
2. The Competent Harbour Authority area for Wide Firth/Shapinsay Sound area, bounded as follows: commencing at Harpy Taing on Mainland; thence in a straight line to Strombery on Shapinsay; thence following the line of low water on the southern boundary of Shapinsay to Hacksness; thence in a straight line to Rerwick Point on the Mainland; thence in a generally westerly and north-easterly direction following the line of low water on part of the northern boundary of Mainland to the point of commencement.

Pilotage is compulsory within the Competent Harbour Authority areas for the following ships:

1. All passenger vessels over 65 metres overall length;
2. All other vessels over 80 metres overall length;
3. All vessels under tow where the combined overall length of tow is over 65 metres.
4. All vessels over 300GT carrying persistent oils in bulk.

Vessels requiring or requesting a pilot must provide a minimum of 2hrs notice to Orkney VTS.

Pilotage Exemption Certificates

A Master or First Officer applying for a Pilotage Exemption Certificate in respect of his vessel must on examination satisfy the CHA or the Examining Body thereof that they have, in their opinion, sufficient skill, experience and knowledge of local navigation to render him capable of piloting the vessel of which he is at the time Bona Fide Master or Mate. PECs are valid only for that specific ship. HM Ships and other UK/Scottish Government vessels are exempt from pilotage.

See the Orkney Pilotage Direction 1988 as amended 2007 & 2010 for detailed information on the above.

Pilots:

All Certificate of Competency - Class 1

ORKNEY VTS

Orkney Harbour Authority operates an approved 24hr VTS information Service from its marine operations room at Scapa for vessels navigating in Scapa Flow and approaches and Kirkwall Bay / Shapinsay Sound areas must comply with these procedures.

PROCEDURE:

Compliance. Any vessels of 12m LOA and over or certified to carry more than 12 passengers when navigating within the VTS Area, must comply with the inward/outward bound vessels, pre arrival/departure reporting requirements as applicable. The following reports should be sent at least 24hr before arrival at the harbour limits or on departure from previous port if less than 24hrs.

- (a) SF-05-001 Prior Arrival Notification,
- (b) SF-11-001 Pre-arrival Security Information
- (c) SF-07-007 Pre-arrival Ship's Waste Notification.

Vessels must maintain a continuous listening watch on VHF Ch 11 when navigating within the VTS Area.

All vessels must report prior to leaving a berth or anchorage to Orkney VTS and provide

- (a) Vessel name
- (b) Intentions
- (c) Route
- (d) Defects affecting navigation or manoeuvring

Non reporting vessels are encouraged to participate.

REPORTING:

Vessels reporting at reporting points must provide Orkney VTS with the following:

- (a) Vessel name
- (b) Intentions
- (c) ETA berth
- (d) Defects affecting navigation or manoeuvring

INFORMATION BROADCASTS:

- (1) Weather broadcasts for the Orkney Coastal Waters area are broadcasted daily at 0915hrs and 1715hrs on VHF Ch 16 & 20.
- (2) Traffic information broadcasts are broadcasted as required on VHF Ch 16 & 11.

RADAR AND AIS SURVEILLANCE: is maintained over Scapa Flow, Pentland Firth, Kirkwall Bay, Wide Firth and Shapinsay Sound.

CCTV SURVEILLANCE: is provided at Kirkwall, Stromness, Sanday Hill, Tingwall and Copland's Dock.

Harbour Authority Building



REPORTING POINTS:

Reporting vessels must report when passing or crossing the following reporting points and lines:

Reporting Point	Report to	Remarks
Orkney Harbour Authority Limits west of Swona	Orkney VTS VHF Ch 11	Inward and outward bound
Orkney Harbour Authority east of Swona	Orkney VTS VHF Ch 11	Inward and Outward bound
Orkney Harbour Authority Hoy Sound	Orkney VTS VHF Ch 11	Inward and outward bound
Hoxa Sound west of Nevi Skerry	Orkney VTS VHF Ch 11	Inward and Outward bound
Hoxa Sound east of Nevi Skerry	Orkney VTS VHF Ch11	Inward and Outward bound
Orkney Harbour Authority Limits Shapinsay Sound	Orkney VTS VHF Ch 11	Inward and Outward bound
Orkney Harbour Limits Wide Firth	Orkney VTS VHF Ch 11	Inward and Outward bound
Clestrian Sound Scapa Flow	Orkney VTS VHF Ch 11	Inward and Outward bound



Radar & AIS Coverage

Provided by Orkney Harbour Authority VTS

Radar/AIS Stations (WGS84 datum)

- ① Kirkwall 58° 59.528'N 003° 000.4'W
- ② Scapa 58° 57.670'N 002° 58.215'W
- ③ Hill of Midland, Orphir 58° 55.559'N 003° 10.913'W
- ④ Sandy Hill, South Ronaldsay 58° 46.158'N 002° 58.062'W

Radar Coverage (minimum area 24nm)

AIS Coverage (minimum area 36nm)

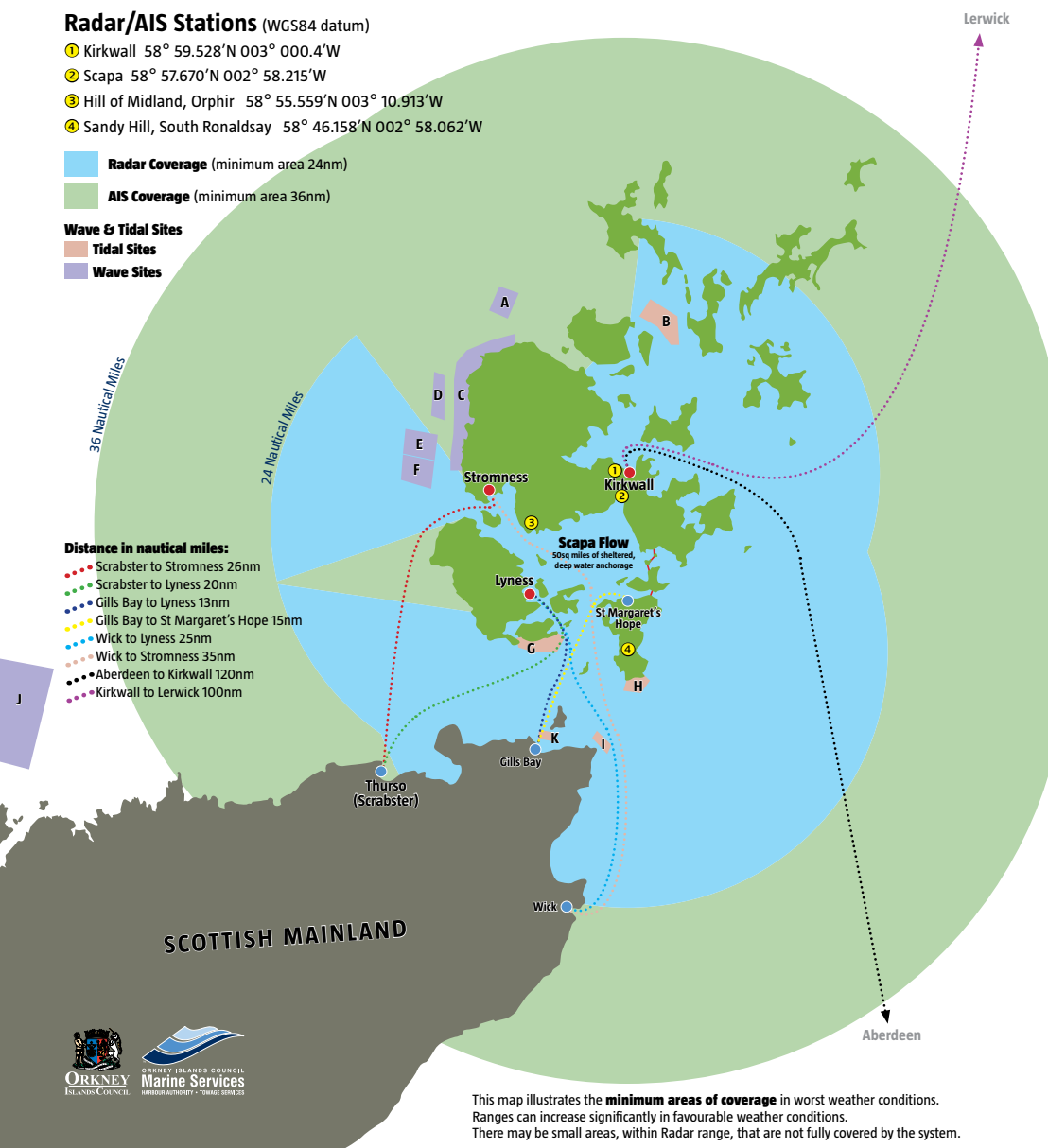
Wave & Tidal Sites

Tidal Sites

Wave Sites

Distance in nautical miles:

- Scrabster to Stromness 26nm
- Scrabster to Lyness 20nm
- Gills Bay to Lyness 13nm
- Gills Bay to St Margaret's Hope 15nm
- Wick to Lyness 25nm
- Wick to Stromness 35nm
- Aberdeen to Kirkwall 120nm
- Kirkwall to Lerwick 100nm



This map illustrates the **minimum areas of coverage** in worst weather conditions. Ranges can increase significantly in favourable weather conditions. There may be small areas, within Radar range, that are not fully covered by the system.

Planned Radar & AIS Coverage by Summer of 2015

Provided by Orkney Harbour Authority VTS

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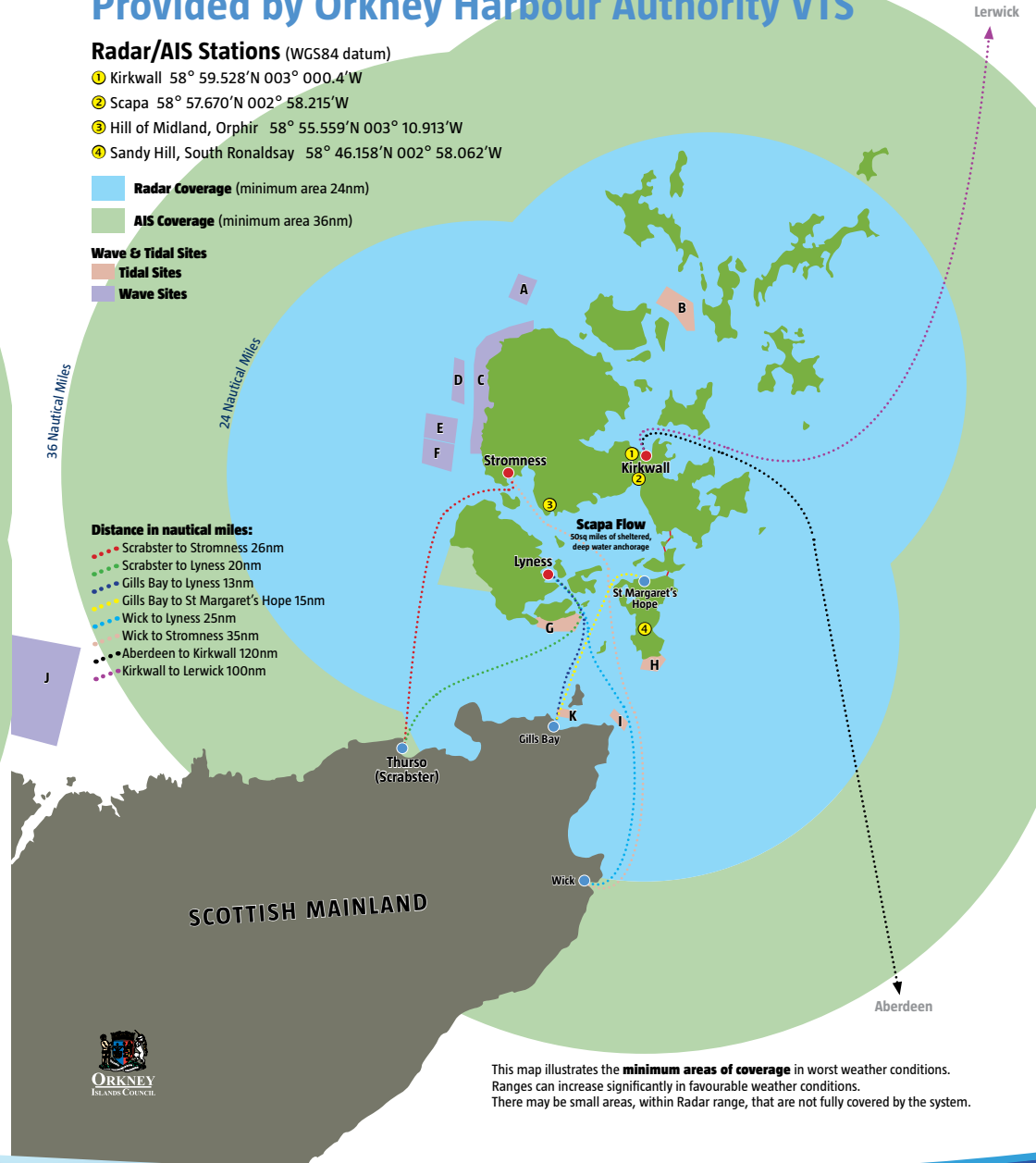
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PORT PASSAGE PLANNING

Purpose

Port passage planning is carried out to determine the safest and most efficient passage for a vessel proceeding between two points within the harbour area. Detailed plans are required to ensure margins of safety. When complete, the plan becomes the basis for navigation. Equipment can fail and the unexpected happen, so monitoring the ship's progress and contingency planning are also essential.

Scope

Port passage planning must be carried out by all vessels operating within the harbour authority areas with the exception of recreational vessels, and vessels under 5m, the Harbour Authority may ask to see passage plans at any stage.

It is the responsibility of the ship's Master to ensure that port passage plans are drawn up and produced, where required, for inspection. The harbour authority encourages all vessels, as indicated, to undertake port passage planning.

Planning Procedure

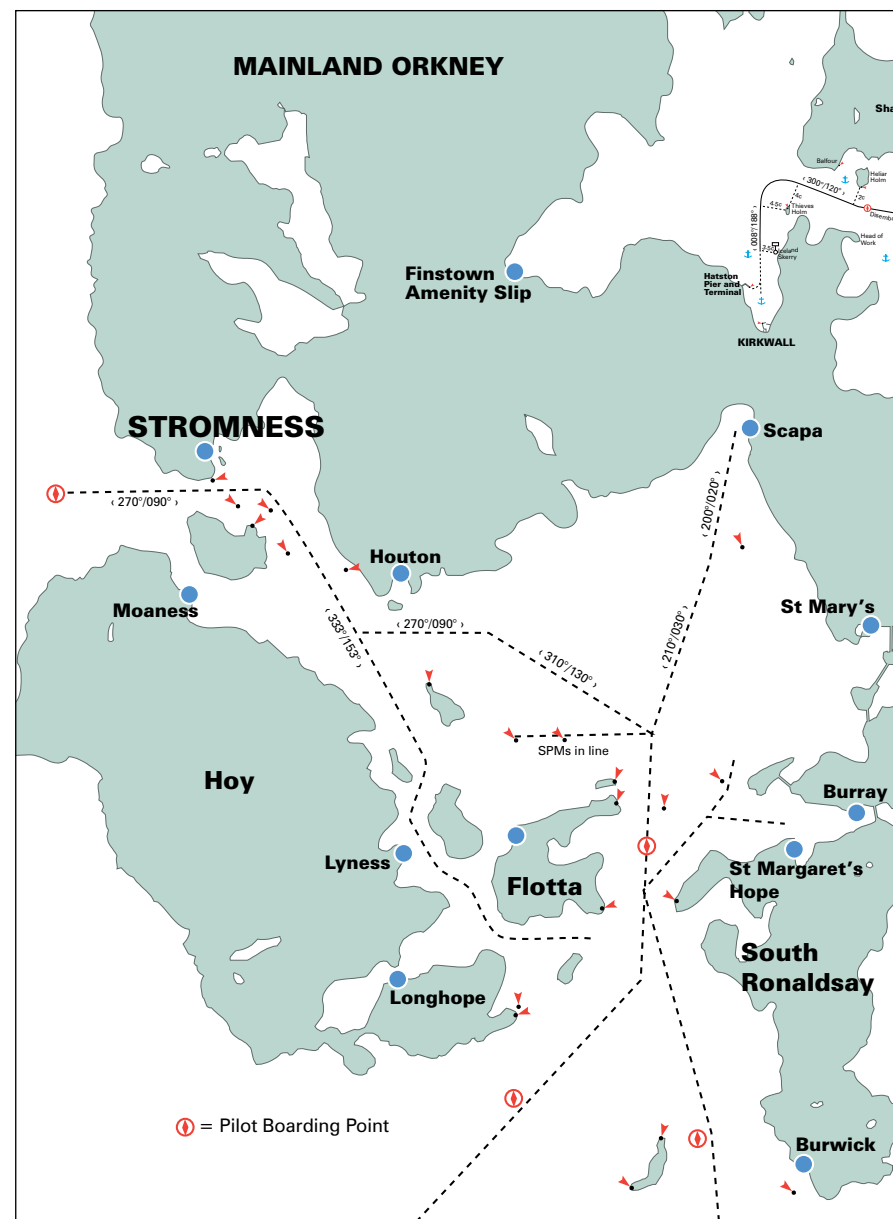
The ship's port passage plan should be produced as an adjunct to the vessel's berth to berth voyage plan and should include, where applicable, the following:

1. The intended track.
2. Course alterations including wheel-over positions.
3. Distances off salient points.
4. Marked areas of danger.
5. Intended speeds in specific areas.
6. Information on weather.
7. Information on tide flows.
8. Information on under-keel clearances.
9. Positions where a change in machinery status is required.
10. Positions where VTS and port reporting is required.
11. Intended approach/departure to/from mooring position.
12. Intended mooring arrangement.
13. Contingency plan in event of an emergency.

Should a vessel become involved in an incident (e.g. a grounding, collision or dangerous occurrence) within the harbour authority area, the Master will ensure that all records with regard to the passage, including the plan, can be accessed for investigation purposes.

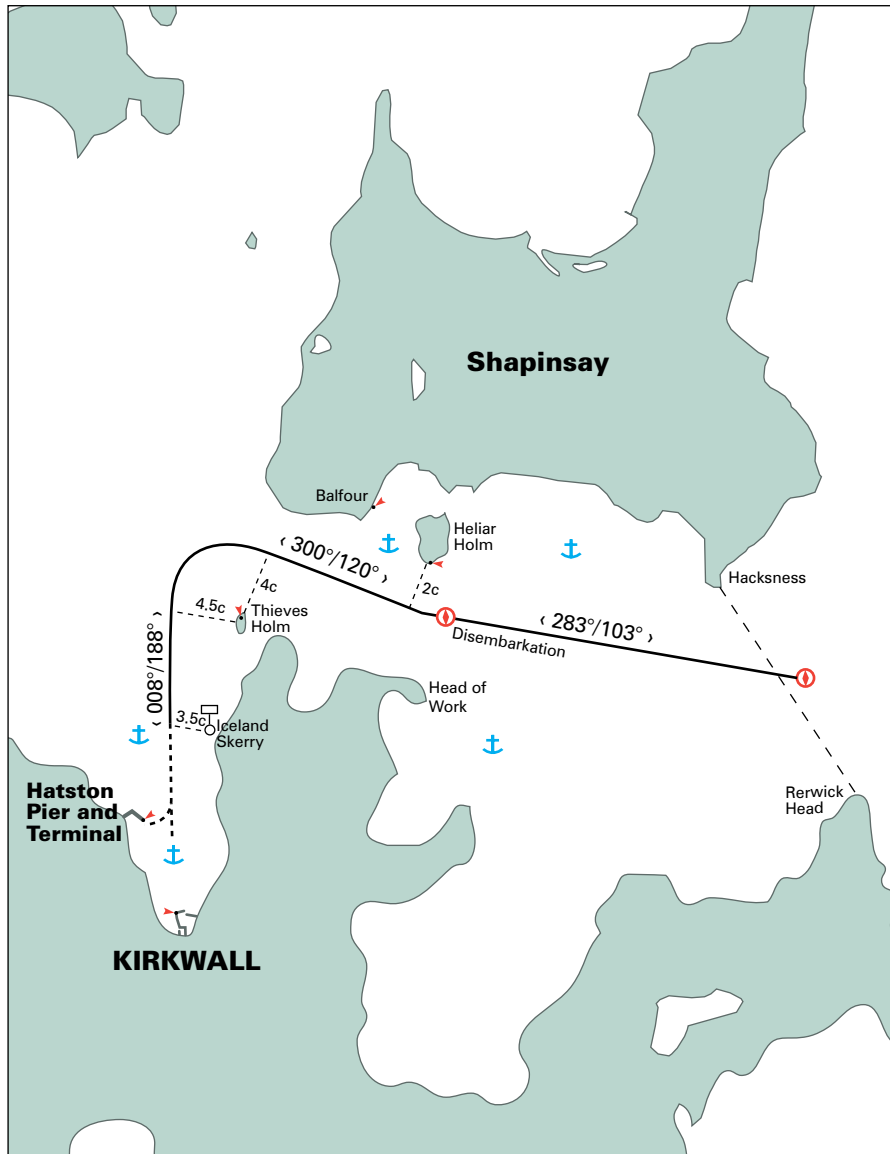
SCAPA FLOW - SUGGESTED TRACKS

Suggested Tracks - Not to be used for navigation



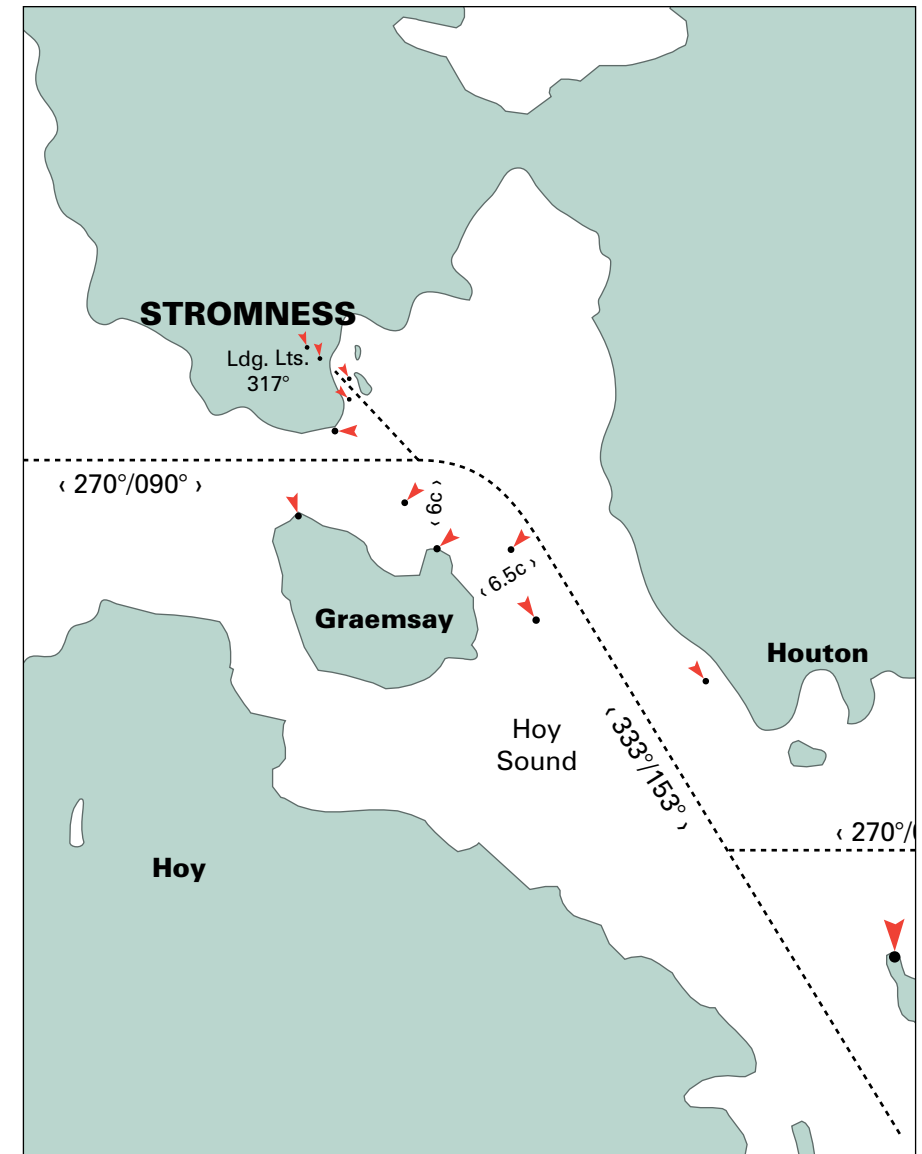
APPROACHES TO KIRKWALL BAY, KIRKWALL HARBOUR & HATSTON TERMINAL

Suggested Tracks - Not to be used for navigation



APPROACHES TO STROMNESS HARBOUR

Suggested Tracks - Not to be used for navigation



PRIOR NOTIFICATION REQUIREMENTS

under the Merchant Shipping (Traffic Monitoring and Reporting Requirements) (amended) Regulations 2008 - (SI 2008 No 3145).

This reporting procedure applies to all vessels when bound to a UK port, with the following exceptions.

- Vessels less than 300 GRT
- Warships, Naval auxiliaries and other ships owned or operated by the Government of an EEA state, and used for non-commercial public service.
- Fishing vessels less than 45 metres LOA*.
- Traditional ships less than 45 metres LOA*.
- Recreational craft less than 45 metres LOA*.

The report must be received at least 24 hours prior to arrival or **departure no later than the time of departure if the voyage is less than 24 hours.

To assist Ship's Masters in making these reports a pre-formatted Standard Form has been produced (SF 05-01). This contains provision to report correctly plus additional information for the benefit of the OIC Marine Services. When a vessel has an exemption to the above reporting requirements, evidence of this must be forwarded to the VTS/ Ports Operations Manager at the Harbour Authority Building. Failure to forward the completed prior notification report form may result in a vessel being denied entry into the Statutory Harbour Area.

Reporting forms are available for completion online or downloading at www.orkneyharbours.com or can be forwarded to Orkney VTS by:-

Email: marine.ops@orkney.gov.uk

Fax: +44 (0) 1856 87 3012



* Length Over All

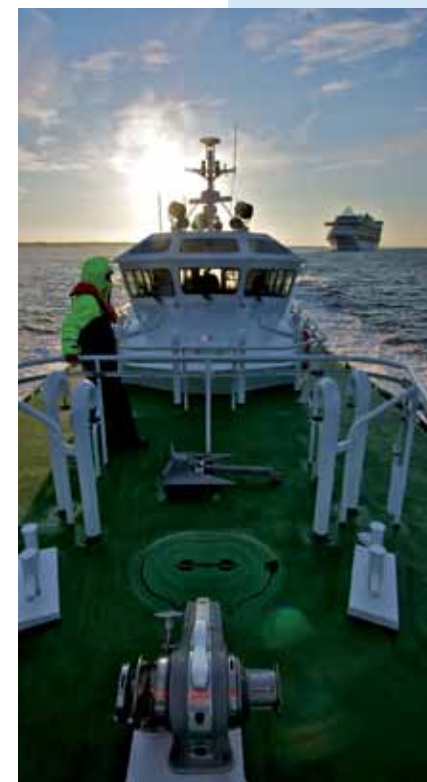
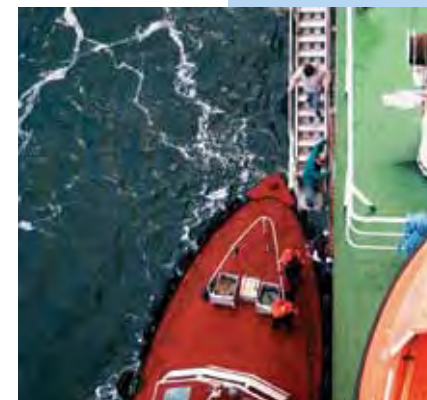
** All vessels carrying dangerous or polluting goods must notify the port prior to departure. With the exception of Warships, naval auxiliaries and other ships owned or operated by the Government of an EEA State which are used for non commercial public services.

PREPARATIONS FOR PORT ENTRY

Before entering the port, Masters should (where applicable) ensure that:-

- A. The vessel's trim is such that it does not exceed 3m by the stern (4m for STS).
- B. The propeller is fully immersed.
- C. While underway within the harbour authority areas it is strongly recommended that anchors are cleared and ready for immediate use having due regard to anticipated sea conditions prior to entering or departing the harbour authority areas.
- D. Hand steering is used.
- E. All propulsion systems are ready for ship manoeuvres.
- F. The steering gear is ready for manoeuvres.
- G. Sufficient generators are operating to negate problems should a failure occur.
- H. The ship's AIS transponder and all navigation equipment are in operation and functioning properly.
- I. The bridge team is in place and fully familiar with the port passage plan.
- J. Internal communication systems (e.g. hand-held radios) have been checked.
- K. The ship's manoeuvring information and pilot card are ready.
- L. The pilot ladder (if required) is rigged in accordance with IMO requirements and IMPA recommendations on the lee side and 1m above the water level.
- M. Crew can be called at short notice to attend pilot boarding and secure an escort tug if necessary.

Masters should contact Orkney VTS immediately they have any doubt as to their vessel's preparedness.



HARBOUR CRAFT

Orkney Harbour Authority employs a number of harbour craft to assist in the operation, maintenance and administration of the ports. In addition to pilot transfers, their duties include conservancy work, acting as transport for maintenance staff and carrying out regular patrols in and around the harbour authority areas.

Normally, Scapa Flow is served by one pilot launch; the "John Rae" built in 2010 or "Scapa Pioneer" built in 1993.

As its name suggests, the launch "Kirkwall Bay" normally operates in the Kirkwall Bay/ Shapinsay Sound area. This launch (shown below) is a multitask vessel capable of operating as a pilot launch, work-boat or harbour tug. Commissioned in 1992, the vessel is of steel construction, is twin screw and equipped with a 50 hp bow thruster. Total engine power is 900hp giving a bollard pull of around 9 tonnes.



PORT SECURITY - (ISPS CODE)

Security

Under the following legislative instruments: -

Regulation (EC) No. 725/2004 enhancing ship and port facility security. IS 2004 No. 1495 The ship and Port Facility (Security) Regulations 2004. SI 2005 No. 1434 The ship and Port Facility (Security) (Amended) Regulations 2004.

OIC Marine Services has in place a Port Facility Security Plan. This covers the following locations: -

1. Stromness Harbour – North Pier for 1-PAX (International and Domestic) Operations and South Pier for 1-PAX (International) 2-OBC operations. Coplands Dock 1) PAX and 2) OBC. Lyness, Hoy 1) PAX and 2) OBC.
2. Kirkwall Harbour (including Hatston Pier) – 1-PAX (International and Domestic) and 2-OBC operations.
3. Scapa Flow – Ship-to-ship transfer operations for 3-COG operations.

- (1.) PAX – Passenger vessel operations.
- (2.) OBC – other bulk cargo operations.
- (3.) COG – chemical, oil and gas Facilities

Marine Services requires the following vessels that comply with the ISPS code to submit a pre-arrival information report form at least 24 hours prior to arrival: -

1. Cargo vessels arriving from a non-UK port.
2. Cruise ships arriving from any port.
3. All tankers of over 3000 GT arriving from any port.

Vessels not affected by the requirements of the ISPS code and seeking information on the security arrangements in place at any of the facilities listed above, should contact the PFSO via Orkney VTS.

Where there are security concerns from any person at a pier or harbour operated by Marine Services, they should contact the pier master at the location or advise Orkney VTS at the Harbour Authority Building at Scapa.

Tel: +44 (0) 1856 873636

Fax: +44(0) 1856 873012

Email: harbours@orkney.gov.uk

VHF: Ch 11

The vigilance of the public and users of the facilities and the reporting of any suspicious activities or objects is of the utmost importance.

PORT HEALTH

Orkney Islands Council's Port Health Department is a small team providing help and advice on public, animal and environmental health controls at sea and air. The Service, as well as regulatory controls, will undertake ship sanitation exemption certification. Requests for certification can be made directly by contacting the Environmental Health Service as detailed below, the Harbour Authority or your shipping agent.

Any person entering the country while suffering from an infectious disease represents a potential risk to public health. Port Health controls provide for the inspection of ships, examination of persons suspected of suffering from, or having been exposed to infection from an infectious disease or suspected of being verminous; and in these or similar circumstances the measures to be taken for preventing danger to public health.

When arriving from a foreign port, a Master of a ship is required to report to the Port Health Authority any suspected infectious disease or death on board amongst crew, passengers or any animals or birds. This report should be made not less than 4 hours and not more than 12 hours before arrival.

Such reportable incidents include:

- a. the occurrence on board ship before arrival of
 - (I) the death of a person otherwise than as a result of an accident, or
 - (II) illness where the person who is ill has or had a temperature of 38oC or greater which was accompanied by a rash, glandular swelling or jaundice, or where such temperature persisted for more than 48 hours, or
 - (III) illness where the person has or had diarrhoea severe enough to interfere with work or normal activities;
- b. the presence on board of a person who is suffering from an infectious disease or tuberculosis or who has symptoms which may indicate the presence of an infectious disease or tuberculosis;
- c. any other circumstances on board which are likely to cause the spread of infectious disease or other danger to public health; and
- d. the presence of animals or captive birds, and the occurrence of mortality or sickness amongst such animals or birds.

Please note that due to the Islands' geographical location and population size we have limited resources. Our main assistance will be to give advice as we have no disinfection facilities.

PORT MEDICAL OFFICER SERVICES

The Balfour Hospital is a small 48 bedded General Hospital in Kirkwall. The Surgical Service delivered by a team of Consultant Surgeons and Anaesthetists, with all other services being provided by GPs or Specialist Nurses. The facilities include an acute receiving area, acute ward, rehabilitation and assessment ward and maternity unit. Support services include laboratory and radiological services, including diagnostic ultrasound. There is one operating theatre in the Balfour Hospital.

Although Orkney has no resident Paediatrician, children requiring inpatient care for minor illness are admitted to the Balfour Hospital.

Trauma cases can be seen in the Casualty and Outpatient Department. However, as there is a CT scanner now located at the Balfour Hospital in Kirkwall. Moderate or severe head injuries requiring CT scan may be airlifted to Aberdeen Royal Infirmary (ARI).

Patients requiring specialist treatment are sent to the Scottish mainland, usually Aberdeen.

Contact Details

Port Health Authority

Orkney Island's Council
During working hours:

Direct Line: 01856 873535

Contact personnel are:

Environmental Health Manager
Acting as one of the Port Health Officers

Direct Line: 01856 873535

Fax Line: 01856 886450

Out with working hours:

See Orkney Harbour Authority

Orkney Harbour Authority

Telephone: 01856 873636

Request Duty Harbour Master

Border Force

Telephone: 0845 010 9000

Maritime Coast Guard Agency

Telephone: 01224 597900

PORT WASTE RECEPTION FACILITIES

Marine Services, under the requirements set out in Statutory Instrument No.2003/1809, operates a Port Waste Management Plan. This ensures that all ship generated waste and cargo residue is controlled at all authority piers and harbours. This requirement is applicable to all vessels, except fishing vessels and recreational craft authorised to carry, or designed to carry, no more than 12 passengers. The waste management plan details the location of all waste collection facilities at the authority's piers and harbours. It also contains a list of the contractors used for waste disposal.

SI 2003/1809 requires all the identified vessels intending to enter the harbour authority area, to provide notification of the waste they are carrying (unless they hold a MCA Exemption Certificate). Information, as required in Annex A of MGN 253 (M+F) and in schedule 2 of the Port Waste Reception Facilities Regulations 2003, must be reported prior to arrival.

In order to comply with the following regulations: - EU Animal By-products regulation (1774/2002/EC) and The Animal by-products (Scotland) regulations 2003. All catering waste must be double bagged prior to landing. Catering waste includes all packing materials associated from the food. Any catering waste from a vessel that has landed in a non-EU port will have all food waste treated as CAT 1 food waste (ICW). This includes all vessels that have docked/landed in non-EU countries even if the vessel has been provisioned in the EU, as there is no reliable method for establishing that non-EU stores were not taken on-board.

Ship's agents are responsible for notify visiting vessels of these requirements.

The information should be sent to the harbour authority by fax or e-mail or, if necessary by VHF radio.

Contact details:

(for Marine Services piers and harbours)

Fax +44(0)1856 873012

Email marine.ops@orkney.gov.uk

Orkney VTS VHF ch. 11

Arrangements have been put in place to accept waste from all other vessels that are outside the scope of the requirements. Piers are provided with euro bins and some of the larger piers are provided with skips and waste oil collection tanks.

For all waste collection requirements during weekends and public holidays advanced notice is required by Friday or last working day at noon.

The cost of waste collection and disposal is normally covered within the harbour dues. However, there are additional fees for large quantities of waste (excess of 16.0m³ or 2.0 tonne). Vessels are made aware of the fee for waste collection through details published in the port's Schedule of Charges details of which can be found on www.orkneyharbours.com.

Any vessel, which believes there is an inadequacy in the waste management plan, can report this directly to the Harbour Authority or through the ships agent. The Harbour Authority is obliged to deal with complaints promptly.

Sewage may be discharged at sea in accordance with regulation 11 of Annex 1V of Marpol 73/78.

No sewage reception facilities are available at any of the Orkney Harbours.

TRAFFIC MOVEMENTS IN ORKNEY

Ferries

A large proportion of shipping movements in and around the Orkney Islands are created by ferry traffic. A variety of ferries operate daily services throughout the year between Orkney and the Scottish mainland. In addition, "Orkney Islands Council Ferry Services" operate numerous daily inter-island services (see chartlet on p.24). Details of these vessels' scheduled movements can be obtained from:

Serco NorthLink Ferries:

Tel. 0845 6000 449

or www.northlinkferries.co.uk

Pentland Ferries:

Tel. +44(0)1856 831226

or www.pentlandferries.com

J Orkney Islands Council Inter Islands Ferry Services:

Tel. +44(0)1856 872044

or www.orkneyferries.co.uk

Fishing Vessels

Due to changes in the fishing quota system, offshore fishing vessels are a less common sight in Orkney waters than they have been in the past. However, there are numerous smaller inshore fishing vessels operating in and around the islands, often seen trawling for scallops or setting creels for crab or lobster. A careful lookout should be kept for creel floats throughout the area.

Marine Renewables

A number of marine renewable test and development sites are situated in and around the Orkney Harbour Areas. Vessels involved in installation, support and servicing are frequently operating. Attention should be paid to Local Notice to Mariners in place for information with regard to deployments etc.

Marine Renewable sites:

Billia Croo : West of Orkney

Falls of Warness : Stronsay Firth

Howequoy Head : Eastside of Scapa Flow

Head of Holland : Shapinsay Sound

There is the possibility of commercial activity for marine renewable energy commencing in the next 12-24 months from 2016.

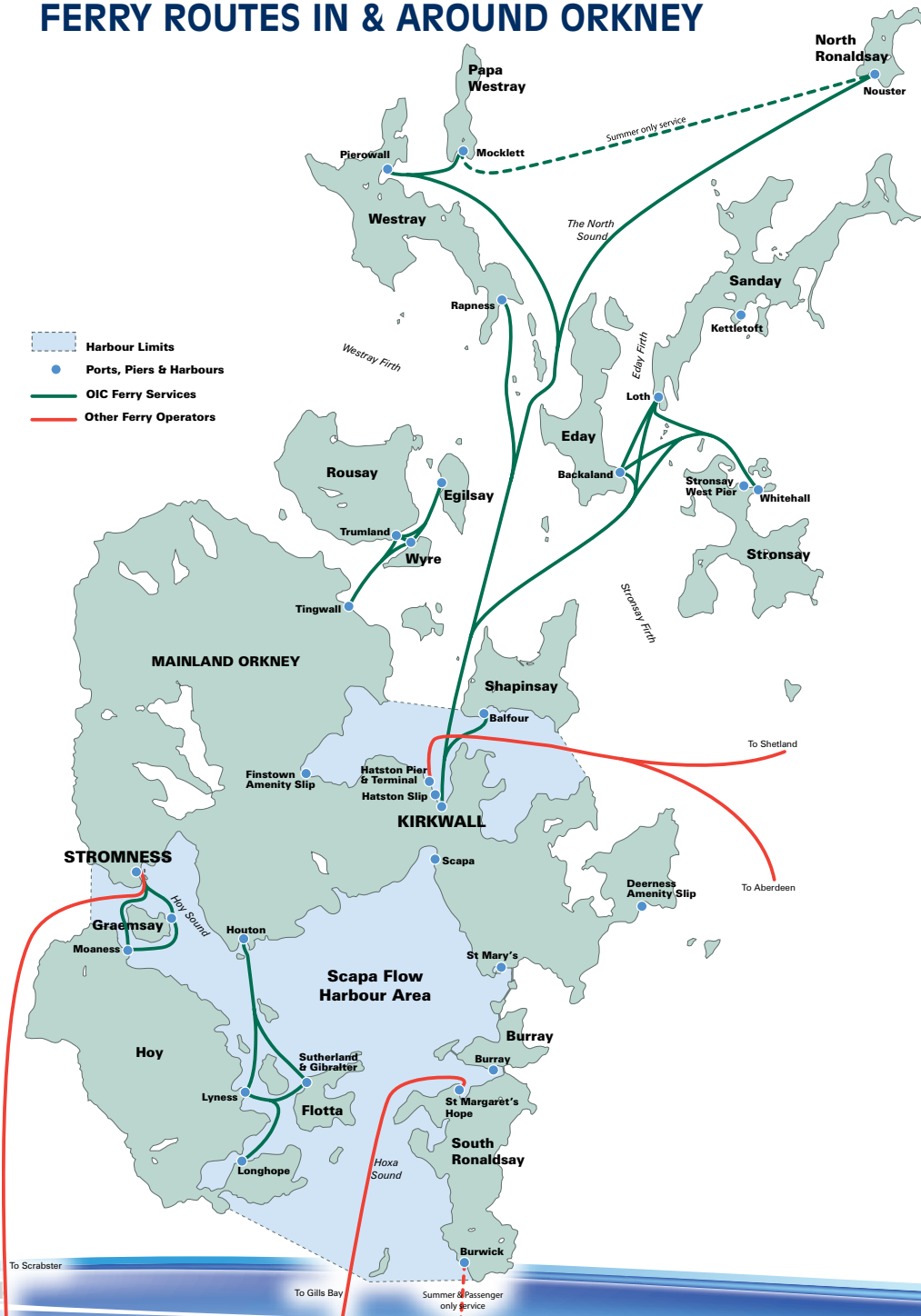
Other Traffic

Commonly seen vessels in Orkney waters throughout the year include coasters, fish farm service craft, diving support boats and general workboats. During the summer months these are joined by passenger cruise ships and pleasure craft of all types and sizes.

Oil related traffic such as tankers, tugs and pilot or agent launches operate continuously in Scapa Flow.

There are also a number of fish farms all of which are marked on relevant charts.

FERRY ROUTES IN & AROUND ORKNEY



FISHING VESSEL FACILITIES

Kirkwall is the only designated port in Orkney where the landing of commercial whitefish is permitted. There is ample room at the fishing vessel berths for landing large quantities of fish boxes.

With the consent of the local pier master, there is good pier space for repairing nets.

For further information on available services, see the section covering the appropriate port.

Stromness Harbour



Tingwall Pier



Longhope Pier



Kirkwall Harbour



DIVING SUPPORT BOATS

The Orkney Islands are renowned as a popular venue for recreational diving. There are many opportunities for diving all around Orkney but particularly in Scapa Flow where the German naval fleet was scuttled in 1919.

There are eight German wrecks remaining, which are preserved for diving exploration. These are mainly positioned to the north and east of the island of Cava. See the associated chartlet on the opposite page and chart BA 35 for further details.

There are two wrecks in the harbour authority areas which are protected as war graves. These are the "Royal Oak" and

"Vanguard", both marked with navigation buoys and indicated on chart BA 35. Unauthorised diving on these wrecks is prohibited, as is diving on the wreck "Prudentia" north-west of Flotta.

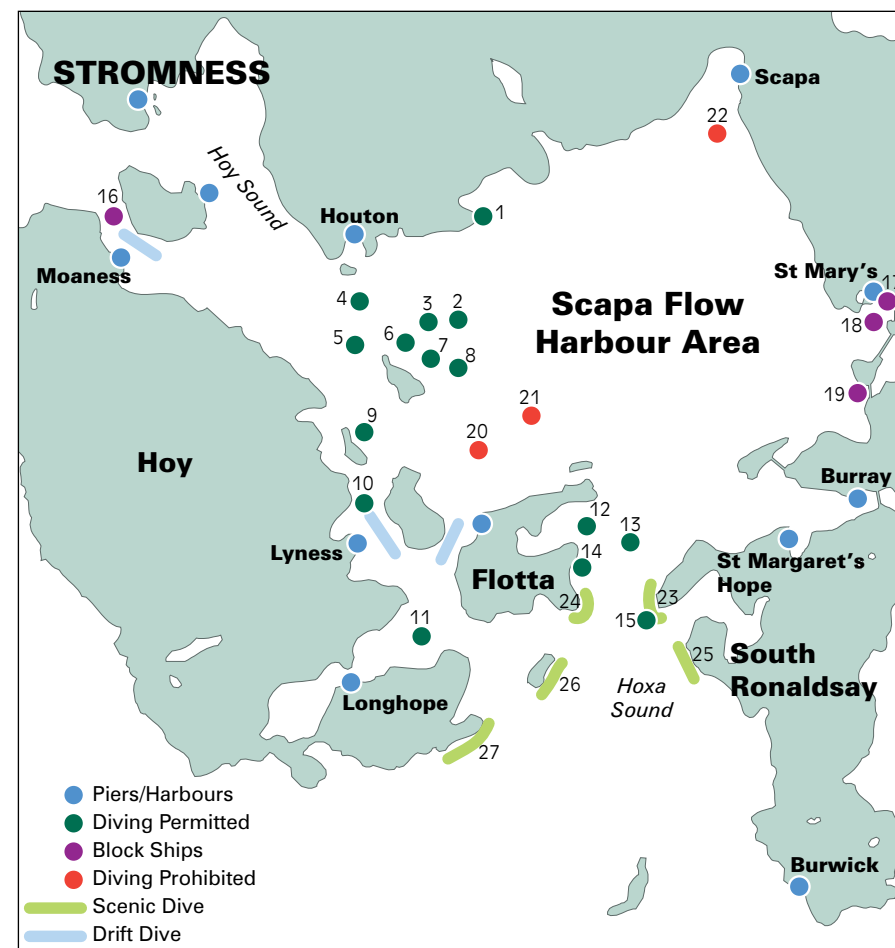
Orkney Emergency Hyperbaric Chamber can be found at the Old Academy, Back Road, Stromness
Contact (at sea) via Coastguard
(on land): Balfour Hospital
+441856 888000
email: info@suladiving.com

Diving may only take place from authorised vessels, permits are issued by the Harbour Authority. Harbour diving requires an additional permit for each task.

Dive boats are a common sight in Orkney waters, particularly in Stromness



PRINCIPAL WRECK & DIVE SITES IN SCAPA FLOW



Diving Permitted

- | | |
|------------------------|-----------------|
| 1 Bremse | 10 F2 & YC21 |
| 2 Koln | 11 Rodean |
| 3 Brummer | 12 UB116 |
| 4 Bayern gun turret | 13 Strathgarry |
| 5 Karlsrhue | 14 S54 |
| 6 Kronprinz & Markgraf | 15 James Barrie |
| 7 Konig | |
| 8 Dresden | |
| 9 V83 | |

Block Ships

- | |
|---------------------|
| 16 Gobenador Bories |
| Inverlane |
| Tabarka |
| Doyle |
| 17 Thames |
| 18 Rosewood |
| 19 Cartshore |
| Empire Seaman |
| Martis |

Diving Prohibited

- | |
|--------------|
| 20 Pridentia |
| 21 Vanguard |
| 22 Royal Oak |

Scenic Dives

- | |
|-----------------|
| 23 Hoxa Head |
| 24 Stanger Head |
| 25 Herston Head |
| 26 Switha |
| 27 Cantick Head |

TOWAGE

Orkney Harbour Authority operates a 24 hour towage service in Scapa Flow and beyond.

3 new tugs with a maximum bollard pull of 78T each have arrived in Orkney over the past 3 years. They are named Thor, Odin and Freyja of Scapa and are based at Scapa Pier.

The crews serving on board these vessels are certified to STCW 95 standards. Orkney Towage is ISM code compliant.

Each tug is equipped with towing equipment capable of withstanding loads in excess of 120 tonnes.

Each tug is also equipped with fire fighting monitors and can also be used for counter pollution duties. On occasion, the tugs assist with general port services such as supplying fresh water or gas oil.

Tugs perform a variety of activities within Orkney waters and beyond



TUG AVAILABILITY

The following table outlines the number of tugs available for specific ship movements in Scapa Flow.

During emergency situations and in exceptional circumstances, additional tugs may be called on for assistance.

Harbour tugs are available for assisting vessels manoeuvring in other areas around Orkney and for salvage work.

These services may be subject to operational requirements in Scapa Flow.

For towage services contact:

Tel: +44 (0) 1856 873636

Fax: +44 (0) 1856 873012

E-mail: harbours@orkney.gov.uk

Movement	Ship Group	Min. No. of Tugs
Berthing/Unberthing at LPG Jetty	<5,000 tonnes DWT	1
Berthing at LPG Jetty	>5,000 tonnes DWT	3
Berthing at LPG Jetty	>5,000 tonnes DWT (capability class 2 DP vessels or higher)	2
Unberthing LPG Jetty	> 5,000 tonnes DWT	2
Berthing/Unberthing at SPMs	All ships	2
Berthing/Unberthing STS Operations	All ships (in the event of 2 VLCCs)	3 4



TUG ESCORTS

Orkney Harbour Authority requires that certain vessels (primarily loaded tankers) navigating in the Hoxa Sound / Scapa Flow areas are escorted by tugs. The requirements are based on the quantity of pollutants carried and are outlined in the table below. Active escort is at very slow speed only.

Area*	Quantity of Pollutants	Number of tugs	Mode
A	>5000 tonnes	1	Standby
B	>5000 tonnes	1	Passive
B	>15000 tonnes	2	Minimum 1 active
B	>170000 tonnes	3	Minimum 1 active
C	>15000 tonnes	2	Passive
C	>170000 tonnes	2	Minimum 1 active

*see map on page 27. (The above table also applies to LNG vessels)

The Master and Pilot have the authority to dispense with a tug escort in area "C" should they consider it appropriate.

It is also recommended that ballasted tankers are accompanied by a tug escort as follows:

Area A 1 tug standby

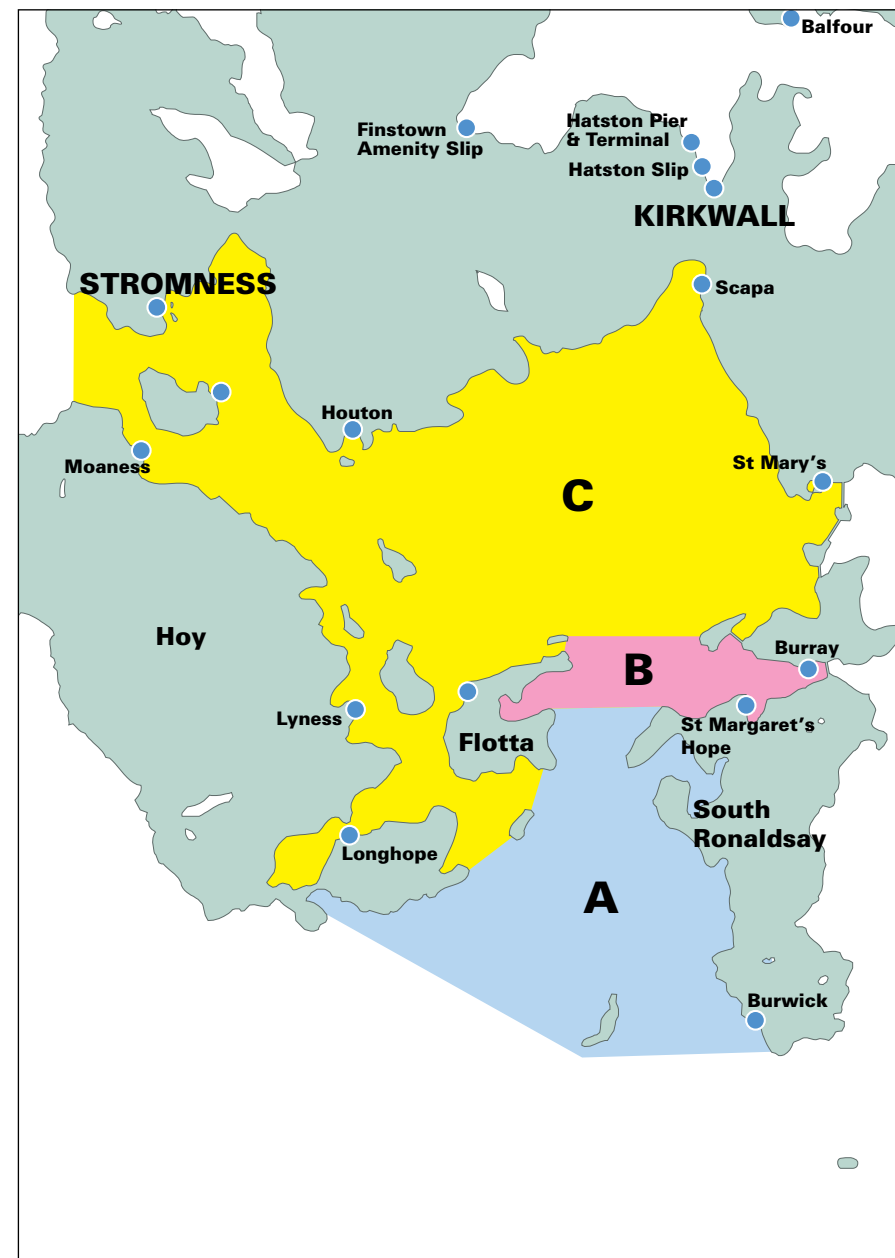
Area B 1 tug on active mode

Area C 1 tug on passive mode

For the purpose of tug escorts, a pollutant is defined as crude oil or heavy bunker fuel.



TUG AREA



SHIP TO SHIP CARGO TRANSHIPMENTS

Overview

Scapa Flow is widely seen by oil and gas exporters as an ideal location to carry out ship to ship transfers. The harbour affords excellent shelter in still, deep water and is situated on the northern shipping route between northern Europe and the U.S. east coast and Gulf of Mexico. Quantities of around 300,000 tonnes of oil are regularly transferred into single tankers for export. Any type of liquid can be transferred. The main benefit to clients is the facility to tranship cargo from "shuttle" tankers into standard vessels for long haul export or combine a number of parcels of cargo into a larger vessel.

In February 2007 the world's first commercial LNG ship to ship transfer operation took place in Scapa Flow. This transfer saw the LNG vessels Excalibar and Excelsior transfer 132,000m³ of LNG.

Fender Care Ltd, Skaugen Petro Trans (SPT) and **Safe STS** are all approved for ship to ship transfers in Scapa Flow.

Procedure

Prior to the STS operation a memo will be promulgated detailing:

- operational procedures,
- intended sequence of events,
- designated anchor position,
- mooring configuration,
- tug deployment and pilotage
- oil spill response
- liaison requirements
- security requirements

Vessels must arrive at the port with their propellers fully immersed and trimmed no more than 4 metres by the stern. The berthing and unberthing of ships is carried out by the Orkney Harbour Authority Pilots and Orkney Towage tugs and with the assistance of the assigned loading master. The number of tugs available for berthing and unberthing is outlined in the section entitled "Towage". Tugs' lines are used during these operations.

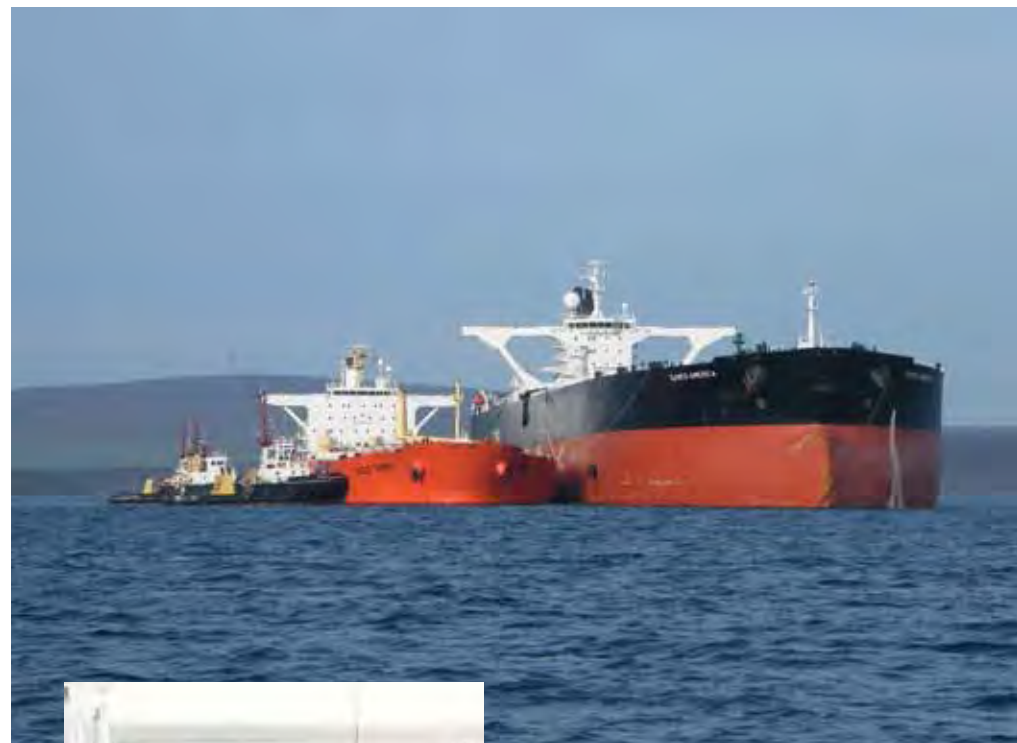
The transfer operation will comply with the current OCIMF STS Transfer Guide and any Company procedures approved by the Harbour Authority. In addition, vessels should note that during their stay:

A trim must be maintained which allows the vessel to be manoeuvred at any time without difficulty,

There is an approved Ballast Water Management Policy for Scapa Flow in existence. This must be adhered to on all occasions with compliance being rigorously checked by the Harbour Authority.

Please refer to:

www.orkneyharbours.com/ballast_water_management.asp



FLOTTA OIL TERMINAL

(For details on cargo operations, refer to Talisman's Port Information Booklet)

Operator

Talisman Sinopec

Flotta Oil Terminal

Flotta

Orkney KW16 3NP

Tel. +44(0)1856 88420

Fax. +44(0)1856 884222

E-mail. flotta.shipping@talisman.co.uk

Special Note

For vessels using Flotta Oil Terminal pumping ballast water directly into Scapa Flow is not allowed with the exception of LPG carriers and then only in accordance with the approved Ballast Water Management Policy for Scapa Flow.

Berthing Operations

Vessels must arrive at the port with their propellers fully immersed and trimmed no more than 3 metres by the stern.

The berthing and unberthing of ships at Flotta oil terminal is carried out by the harbour's authorised Pilots and tugs, and with the assistance of the terminal's mooring masters and workboats. Information on the number of tugs available for berthing operations can be found under the section entitled "Towage." Tugs' lines are used during berthing and unberthing operations. Information on mooring arrangements can be found on page 37. Full details of each berthing or unberthing operation will be discussed during the Pilot/Master exchange of information.

LPG/Crude Oil Jetty

A "T" shaped jetty capable of handling either crude oil or LPG is situated on the north coast of Flotta (see admiralty charts 35 and 2568).

The minimum depth of water alongside is 20.12m and vessels of up to 170,000 tonnes DWT can be handled there.

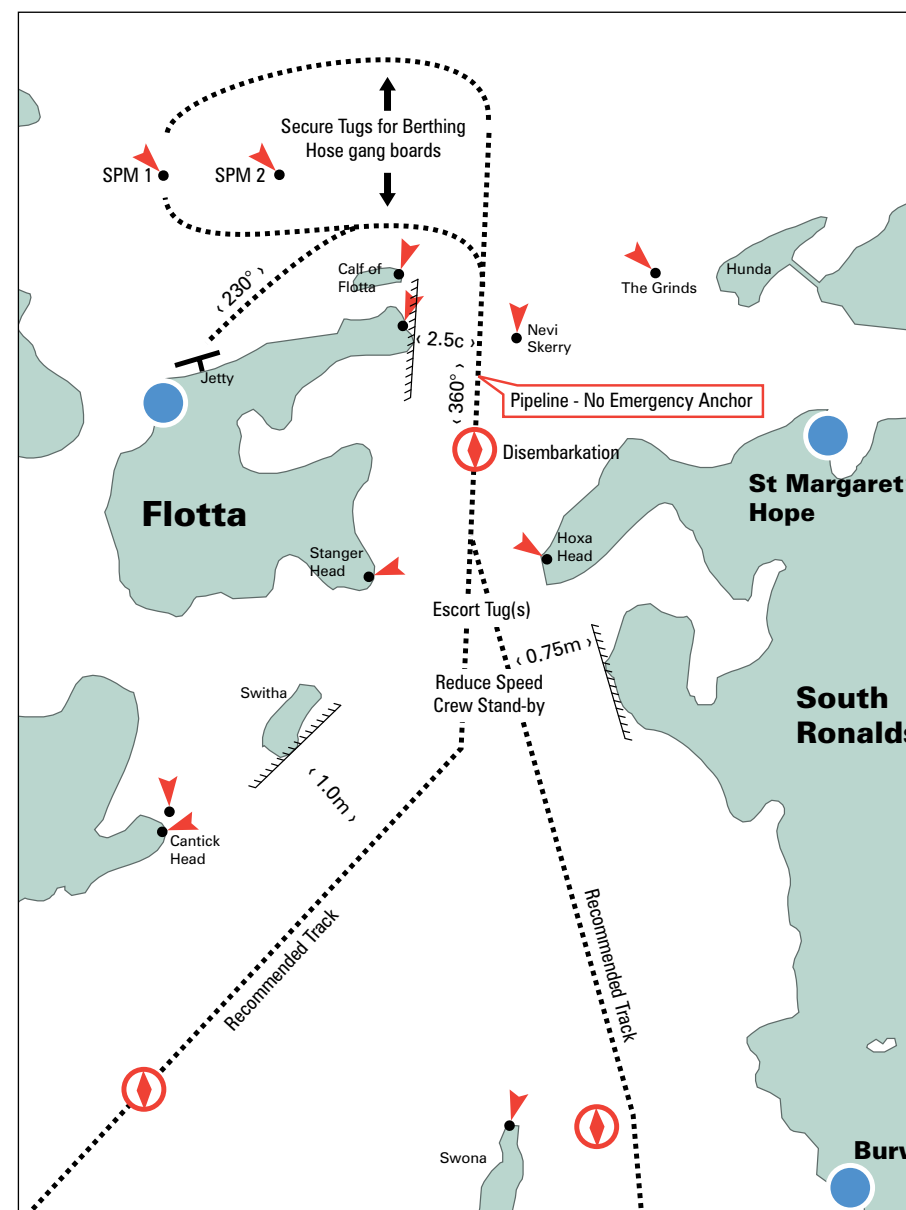
Single Point Moorings

There are two single point moorings positioned approximately 1½ miles north of Flotta's northern coastline (see admiralty charts 35 and 2568). SPM1 and SPM2 are not in use at present.



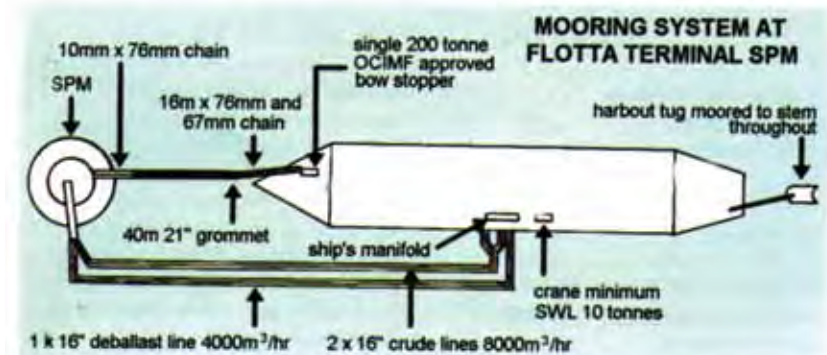
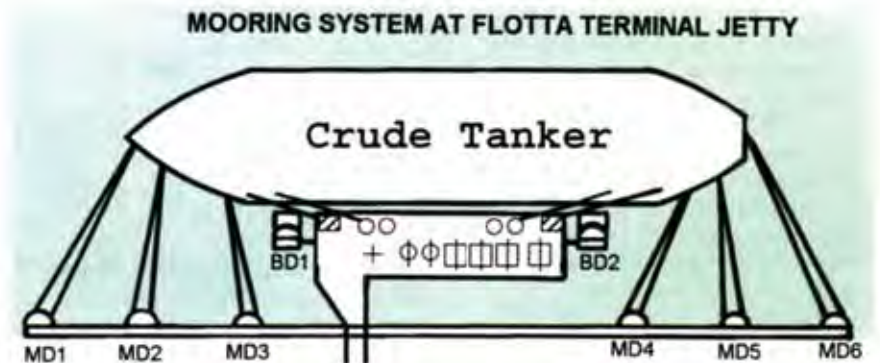
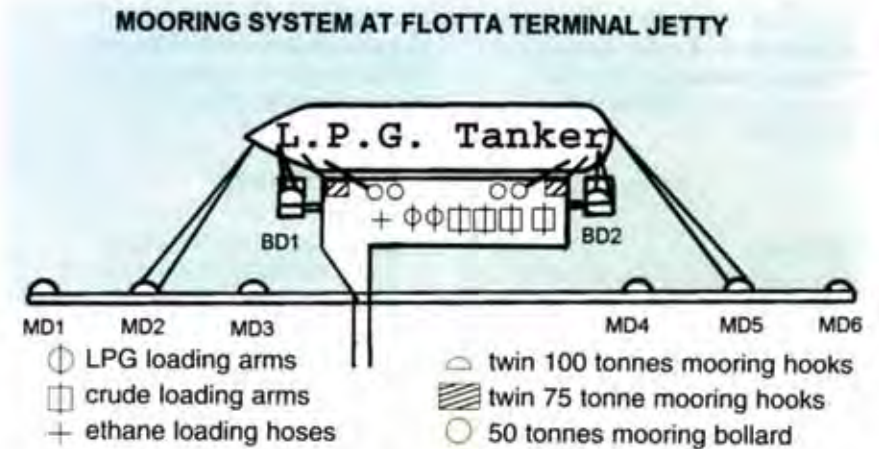
APPROACHES TO FLOTTA OIL TERMINAL

Suggested Tracks - Not to be used for navigation





MOORING SYSTEM AT FLOTTA TERMINAL JETTY



TERMINAL SERVICES

(Further information available in the Talisman's Port Information Booklet)

Bunkers and Fresh Water

There are no facilities for vessels to either bunker or take on fresh water at the terminal. However, these services can be organised while the vessel is anchored in Scapa Flow. Fresh water and gas oil are obtainable locally but fuel oil has to be shipped into the port.

Stores

Stores may be taken on board at the terminal but not on the ship's main cargo deck during cargo operations and not, in any case, without the loading master's prior consent. There are no restrictions relating to storage while anchored in Scapa Flow.

Garbage Disposal

There is a limited service for the disposal of garbage at the terminal. Again, this service may be organised while the vessel is at anchor.

Telephone

A public telephone for outgoing calls is available to vessels moored at the jetty. The telephone only accepts "phonecards" which are available from the ship's agent.

Medical

There is a medic on site at the terminal at all times ready to deal with emergency medical situations.

Flotta Oil Terminal



GUIDE TO GOOD PRACTICE FOR SMALL VESSEL BUNKERING OPERATIONS

Orkney Islands Council Marine Services has produced this guide for small vessel owners and operators.

The aim is to highlight the need for safe and environmentally friendly working practices in what is an everyday occurrence in the many piers and harbours operated by Marine Services.

The following is a list of recommended procedures to follow during bunkering operations.

- Agree communications between the driver and yourself.
 - Disengage any mechanical bilge pumps and switch to manual any automatic electrical bilge pumps.
 - Ensure a suitable size of nozzle is used on the fuel delivery line into the fuel tank.
 - If bunkering using oil drums or other, ensure a suitable size of funnel is used for filling the fuel tank.
 - Have an adequate quantity of absorbent material available for use in the event of any spillage occurring.
 - Once refuelling is complete ensure all tank lids are closed and secured.
 - Wipe up any spillage with absorbent material and clean away any residual oil with suitable detergent.
 - Dispose of any waste material in the appropriate bins and tanks situated around the harbour.
 - Report to pier master and/or Orkney VTS at the start and end of bunkering operations.
- Ensure the vessel is securely moored in a suitable berth with a safe means of access between the vessel and the shore.
 - Ensure all suitable safety precautions are taken e.g. no smoking, no naked lights and suitable personal protection
 - A suitable fire extinguisher should be to hand in case of emergency.
 - If receiving bunkers from a road tanker, always confirm with the driver the quantity and type of fuel to be taken.



GUIDE TO GOOD PRACTICE FOR THE DISPOSAL OF WASTE MATERIALS

There are in place number of regulations where vessels and ports have to provide information, facilities and methods of disposal to ensure all waste is disposed of appropriately. Marine Services provide waste reception facilities to meet the needs of the vessels routinely visiting the numerous piers and harbours under their jurisdiction.

Marine Services have produced this guide for all vessel owners and operators. The aim is to highlight the need for environmentally friendly methods of disposal in what is an everyday occurrence in the many piers and harbours operated by Marine Services.

Protecting Orkney's marine environment is essential



It is in everybody's interest that we all follow these recommended procedures to ensure a safe and environmentally friendly method of disposal.

- Dispose of waste oils in the oil storage tanks provided. If there is no facility available contact the Piermaster at the location to arrange for the disposal or contact 01856 873 636.
- Dispose of all garbage in the waste reception bins provided. Do not place heavy metal or other hazardous waste objects in these bins.
- Double bag all food waste to prevent leakage.
- If your vessel has been outside of the European Union ports please contact the Piermaster or contact 01856 873 636 to arrange for disposal of food wastes.
- Dispose of larger items, metals, ropes, nets etc in the waste skips provided. If there is no facility is available contact the Piermaster at the location to arrange for the disposal or contact 01856 873 636.

The cost of disposal of garbage is part of the harbour dues charged to port users, when quantities of over 2.0 tonnes or 16.0m³ is landed an additional charge is applied. Small quantities of waste oils that can be disposed of in reception tanks provided are free of charge but when a reception tank is required a fee is applied. All charges for port waste reception are available in the schedule of charges.

The locations of port waste reception facilities can be found in the various plans contained in this port handbook.

Fixed Navigation lights – Orkney Mainland, North and South Isles

Location/name	Latitude N	Longitude W	Character	Additional Info
North Ronaldsay				
Dennis Head lighthouse	59 23.36	002 22.89	Fl W 10s	fl 0.3 racon
Nouster Pier	59 21.31	002 26.47	Q R	
Papa Westray				
Moclett Pier	59 19.61	002 53.52	Fl WRG 5s	
Westray				
Noup Head lighthouse	59 19.86	003 04.21	Fl W 30s	
Pierowall East Pier	59 19.36	002 58.52	Fl WRG 3s	
Pierowall West Pier	59 19.37	002 58.52	2 F R (vert)	
Rapness Terminal	59 14.94	002 51.43	2 F R (vert)	
Eday				
Calf Sound	59 14.21	002 45.82	Fl (3) WRG 10s	
Backaland Pier	59 09.93	002 44.91	Fl R 3s	
Sanday				
Loth Terminal	59 11.50	002 41.90	2 F G (vert)	
Kettletoft Pier	59 13.85	002 35.82	Fl WRG 3s	
Start Point lighthouse	59 16.64	002 22.56	Fl (2) W 20s	
Stronsay & Papa Stronsay				
Whitehall Pier	59 08.62	002 35.93	2 F G (vert)	
The Ness lighthouse	59 09.35	002 34.90	Fl (4) W 20s	
Shapinsay & Helliar Holm				
Balfour Pier	59 01.86	002 54.49	Fl (2) WRG 5s	
Helliar Holm lighthouse	59 01.14	002 54.60	Fl WRG 10s	
Egilsay				
Egilsay Pier	59 09.30	002 56.70	Fl G 3s	
Auskerry				
Lighthouse	59 01.55	002 34.36	Fl W 20s	
Copinsay				
Lighthouse	58 53.79	002 40.33	Fl (5) W 30s	
Thieves Holm				
Light tower	59 01.06	002 56.31	Q R	
Swona				
North Head	58 45.11	003 03.10	Fl (3) W 10s	
Selkie Skerry	58 44.25	003 04.23	Fl W 8s	

Location/name	Latitude N	Longitude W	Character	Additional Info
South Ronaldsay				
Burwick Breakwater	58 44.34	002 58.29	2 F R (vert)	
Hoxa Head	58 49.32	003 02.09	Fl WR 3s	
Needle Point Reef	58 50.09	002 57.46	Fl G 3s	
St Margarets Hope Pier	58 49.93	002 57.66	2 F G (vert)	
Leading lights front	58 49.61	002 57.27	F G 174 deg	
Leading lights rear	58 49.57	002 57.26	F G 174 deg	
Hoy & South Walls				
Ruff Reef	58 47.43	003 07.80	Fl W 10s	
Cantick Head lighthouse	58 47.23	003 07.89	Fl W 20s	
Torness	58 46.70	003 17.79	Fl W 5s	
Lyness Golden Wharf	58 50.15	003 11.45	2 F R (vert)	
Lyness Wharf	58 50.01	003 11.41	2 F R (vert)	
Longhope Pier	58 48.05	003 12.35	Fl WRG 3s	
Flotta & Calf of Flotta				
Stanger Head	50 49.00	003 04.74	Fl R 5s	
Sutherland Pier	58 50.18	003 08.05	Q G	
Gibraltar Pier	58 50.27	003 07.88	2 F G (vert)	
Roan Head	58 50.72	003 03.94	Fl (2) R 6s	
Calf of Flotta	58 51.27	003 03.95	Q R	
Flotta Oil Terminal				
Flotta Terminal Jetty E	58 50.72	003 06.94	2 F R (vert)	
Flotta Terminal Jetty W	58 50.70	003 07.01	2 F R (vert)	
Flotta Terminal dolphins E	58 50.72	003 06.78	Q R	
Flotta Terminal dolphins W	58 50.66	003 07.18	Q R	
Flotta Terminal SPM tower 1	58 52.16	003 07.44	Fl Y 5s	
Flotta Terminal SPM tower 2	58 52.25	003 05.92	Fl (4) Y 15s	
Cava				
Cava lighthouse	58 53.23	003 10.67	Fl WR 3s	
Graemsay				
Hoy Low lighthouse	58 56.42	003 18.60	Iso W 3s	Front
Hoy High lighthouse	58 56.14	003 16.40	Oc WR 8s	Rear
Graemsay Pier Sector Light	58 54.99	003 18.70	2 F R (vert)	
North Hoy				
Moaness Pier Sector Light	58 55.89	003 15.99	Dir WRG 173 deg	

Orkney Mainland				
Location/name	Latitude N	Longitude W	Character	Additional Info
Brough of Birsay				
Lighthouse	59 08.21	003 20.35	Fl (3) W 25 s	
Kirkwall Harbour				
Kirkwall Pier	N End	58 59.29	002 57.72	Iso WRG 5s
Kirkwall Pier E End	58 59.32	002 57.52	2 F G (vert)	
Kirkwall Inner Basin	58 59.15	002 57.62	2 F R (vert)	
Kirkwall West Pier	58 59.13	002 57.61	2 F G (vert)	
Kirkwall Marina Breakwater	58 59.28	002 57.54	2 F R (vert)	
Hatston Pier East	58 59.95	002 58.30	2 F G (vert)	
Hatston Pier West	59 00.62	002 58.62	2 F G (vert)	
Scapa Flow				
Scapa Rose Ness	58 52.35	002 49.92	Fl W 6s	
Scapa Pier	58 57.42	002 58.43	Fl G 3s	
Houton Terminal	58 55.00	003 11.01	Iso R 4s	
Pier Head	58 55.02	003 11.11	2 F R	
Leading lights front	58 55.00	003 11.54	Fl G 3s	316 deg
Leading lights rear	58 55.05	003 11.68	F G	316 deg
Houton Marker Post	58 54.62	003 10.97	Fl R 3s	
Stromness Harbour				
Skerry of Ness	58 56.96	003 17.83	Fl WG 4s	
Pole Star Pier	58 57.73	003 17.92	Iso R 6s	
Leading lights front	58 57.61	003 18.15	F R	317 deg
Leading lights rear	58 57.63	003 18.19	F R	317 deg
North Pier	58 57.75	003 17.71	Fl R 3s	
South Pier	58 57.70	003 17.82	F R (vert)	
Marina breakwater	58 57.85	003 17.61	Fl (2) R 5s	
Copland's Dock Pier	58 57.64	003 17.63	2 F G (vert)	
Tingwall				
Tingwall Pier	59 05.38	003 02.54	2 F R (vert)	
SE Extention	59 05.35	003 00.52	2 FG (vert)	
Lit Beacons				
Nevi Skerry	58 50.68	003 02.71	Fl (2) W 6s	
Barrel of Butter	58 53.43	003 07.59	Fl (2) W10s	
Lothar Rock	58 43.79	002 58.69	Fl W 2s	fl 0.6 racon

Navigation Buoys

Location/name	Latitude N	Longitude W	Character	Additional Info
Kirkwall Harbour				
Holm of Faray	59 14.07	002 50.60	Fl (2) R 12s	
Scargun Shoal	59 00.70	002 58.58	Q (3) W	E cardinal
Linga Skerry	59 02.40	002 57.56	Q (3) W 10s	E cardinal
Boray Skerry	59 03.66	002 57.65	Q (6)+LFI W 15s	S cardinal
Skertours	59 04.15	002 56.60	Q W	N cardinal
Graand	59 06.90	002 54.40	Q (6)+LFI W 15s	S cardinal
Galt Skerry	59 05.30	002 54.30	Q W	N cardinal
Eday Gruna	59 08.50	002 43.80	Q W	N cardinal
Rusk Holm	59 12.70	002 50.60	Fl (2) R 6s	
Rapness Sound	59 14.05	002 50.58	Fl (2) R 12s	
Wyre Skerry	59 07.00	003 02.00	Q W 9s	W cardinal
Stronsay Harbour				
Quiabow	59 09.82	002 36.30	Fl (2) G 12s	
No 1 buoy	59 09.70	002 36.50	Fl G 5s	
No 2 buoy	59 08.92	002 36.60	Fl R 5s	
No 4 buoy	59 08.79	002 36.50	Fl (2) R 5s	
No 3 buoy	59 08.70	002 36.123	Fl (2) G 5s	
Scapa Flow				
Grinds	58 50.90	003 00.08	Fl (2) R 10s	
Vanguard Wreck	58 51.41	003 06.23	VQ (3) W 5s	E cardinal
PrudentiaWreck	58 50.83	003 07.75	Q (3) W 10s	E cardinal
Royal Oak Wreck	58 00.70	002 59.30	Fl (3) G 20s	
Scapa Skerry	58 56.88	002 59.16	Fl (2) R 12s	
Crockness	58 49.21	003 09.72	Fl (2) R 12s	
Gutter Sound Wreck	58 50.70	003 11.48	Fl R 6s	
Bay of Houton	58 54.81	003 11.12	Fl G	
Peter Skerry	58 58.28	003 13.50	Fl G 6s	
Riddock Shoal	58 55.89	003 15.00	Fl (2) R 12s	
Sand Eel	58 56.42	003 15.35	Q (3) W 10s	E cardinal
Barr Rock	58 56.65	003 16.90	Q W	N cardinal
Stromness Harbour				
Outer Buoy	58 57.25	003 17.60	Q R	
Inner Buoy	58 57.40	003 17.65	Fl G 3s	
Coplands Dock	58 57.75	003 17.63	Fl G (2) 5s	
European Marine Energy Test Site				
North buoy	58 59.52	003 23.80	Q W	N cardinal
East buoy	58 58.39	003 22.41	Q (3) W 10s	E cardinal
South buoy	58 57.43	003 23.45	Q (6)+LFI W 15s	S cardinal
West buoy	58 58.53	003 24.67	Q (9) W 15s	W cardinal
West buoy (2)	58 59.50	003 25.33		W cardinal (2)

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MAIN PIERS DATA

PIER	BERTH NUMBER/NAME	QUAY LENGTH		DRAFT AT CHART DATUM	HEAVY LIFT CAPACITIES	
					Concentrated Load	Distributed load
HATSTON PIER	1A	225 m		10.0 - 10.5 m		50KN/sq.m
	1B	160 m		10.0 - 10.5 m	1250KN on 1m x 1m	50KN/sq.m
	2A	103 m		5.0 - 8.0 m		50KN/sq.m
	2B	126 m		8.0 - 8.5 m		50KN/sq.m
	3	116 m		3.7 - 7.5 m		50KN/sq.m
	Ro-Ro	158 m		8.0 - 9.0 m		50KN/sq.m
	Finger Pier	61 m		7.5 m		
	New extension					100KN/sq.m
KIRKWALL PIER	East Pier sections 1 - 3	190 m		2.0 - 5.0 m		20KN/sq.m
	East Fishing berth	82 m		4.7 - 5.1 m		20KN/sq.m
	Fishing berths	99 m		4.7 - 5.5 m		20KN/sq.m
	North 1 and 2	124 m		5.4 - 6.6 m		20KN/sq.m
	Tanker Berth	119 m		6.1 - 5.9 m		20KN/sq.m
	Ro - Ro Berth	82 m		4.4 - 4.8 m		20KN/sq.m
	Layby berth	67 m		3.4 - 4.8 m		20KN/sq.m
	Basin Harbour Street	284 m		0.0 - 3.0 m		
STROMNESS PIER	South Pier Inner	71 m and 51 m		0.0 - 3.5 m		20KN/sq.m
	South Pier Outer	135 m		5.7 - 4.8 m		20KN/sq.m
	South Pier dog leg outer	28 m		4.3 - 5.6 m		20KN/sq.m
	North Pier Inner	140 m		3.8 - 5.7 m		20KN/sq.m
	Northlink Berth	131 m		6.5 - 5.1 m		20KN/sq.m
	Northlink Berth from linkspan	126 m		6.5 - 5.1 m		
	Marina Finger Pier south	105 m		3.7 - 4.1 m		20KN/sq.m
	Marina Finger Pier north	101 m		dredged to 3.5 m		
	Middle Pier Inner	44 m		0.0 - 3.5 m		20KN/sq.m
	Middle Pier Outer	48 m		0.0 - 3.9 m		20KN/sq.m
	Inner Basin North	71 m		0.0 - 3.8 m		20KN/sq.m
	Outer Basin South	28 m		0.8 - 3.4 m		20KN/sq.m
COPLANDS DOCK	Pier 1 West	100 m		5.0 - 5.8m	1000KN on 1m x 1m	50KN/sq.m
	Pier 2 East	92.40 m		3.5 - 5.0m	1000KN on 1m x 1m	50KN/sq.m
	Pier 3 South	81.80 m		1.0 - 3.5m	1000KN on 1m x 1m	50KN/sq.m
	Pier 4 North	98 m		1.0 - 5.0m	1000KN on 1m x 1m	50KN/sq.m
LYNESS HOY	Ro - Ro	66 m		4.0 - 9.0 m		
	Lyness Wharf	122 m		8.0 - 9.1 m		
	Golden Wharf	171 m		3.5 - 8.0 m		
	Lyness Creek	24 + 26 m		3.4 - 5.0 m		
	Heavy lift Area				1500KN on 1m x 1m	50KN/sq.m

BURRAY PIER

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 50.60'N 02° 54.93'W
Admiralty chart numbers	2581-0
Water Depth (Below Chart Datum)	3-4m
Maximum available length*	n/a
Maximum beam*	n/a
Environmental sensitivities	SSSI/SPA – Pentland Firth Islands. For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	n/a
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

BURRAY PIER

Tel: 01856 873636

Fax: 01856 873012

Cargo handling: Conventional.

The slipway adjacent to the pier is a private facility and not for public use.

Fresh water is available via 25mm hose.

Pier is of sheet pile and concrete construction.

Toilet facilities are available at the head of the pier.

Electricity is available on the pier.

There is a mooring for visiting yachts up to 18 tonnes in position.

58° 50.60'N 02° 54.93'W

The mooring is only in place between April and October.



BURWICK - SOUTH RONALDSAY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 44.40` N 02° 57.90` W
Admiralty chart numbers	2581-0
Water Depth (Below Chart Datum)	3-4m
Maximum available length*	n/a
Maximum beam*	n/a
Environmental sensitivities	SSSI/SPA – Pentland Firth Islands. For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	n/a
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

BURWICK - SOUTH RONALDSAY

Tel: 01856 873636

No cargo handling facilities exist here.

There is a floating link span that has a barge moored on the end during the summer months.

Fresh water is available via 25mm hose.

During the summer the berth is used by the passenger ferry from John O' Groats. Buses connect with the ferry for transport to/from Kirkwall.

For ferry time table see:
www.jogferry.co.uk

or the Orkney Islands Council website:
www.orkney.gov.uk/publications



BACKALAND PIER - EDAY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59°09.40' N 02°44.70' W
Admiralty chart numbers	2562-2
Water Depth (Below Chart Datum)	5-7m
Maximum available length*	50m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	SPA – Calf of Eday. For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Contact VTS.
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Ro-Ro and conventional
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

BACKALAND PIER - EDAY

Tel: 01856 873636

For berth availability call Eday Pier on VHF CH 16/12.

Cargo Handling: Ro-Ro and Conventional

Local ferry uses the Ro-Ro berth and has priority.

For ferry time table see www.orkneyferries.co.uk.

Fresh water via 25mm hose.

The slipway facility is available for public use.

There is a waiting room with telephone and toilets at the top of the pier.

There is a mooring for visiting vessels in Calf Sound at

59° 08.710'N
002° 45.363'W

The mooring is only in place between April and October.



EGILSAY PIER

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59°09.30'N 02°56.60'W
Admiralty chart numbers	2249/2250
Water Depth (Below Chart Datum)	1-2m
Maximum available length*	28m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	SPA – Rousay. Wyre & Rousay Sounds MPA. For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Hard Ramp
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

EGILSAY PIER

Tel: 01856 873636

Cargo handling: Ro-Ro

Fresh water via 25mm hose.

For berth availability call piermaster by telephone. Local Ferry uses the pier and has priority.

For ferry time table see
www.orkneyferries.co.uk.

There is a waiting room with telephone and toilets at the top of the pier.



GIBRALTAR PIER - FLOTTA

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 50.30' N 03° 07.80' W
Admiralty chart numbers	2568-2
Water Depth (Below Chart Datum)	2-3m
Maximum available length*	53m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Conventional/ Ro-Ro
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

GIBRALTAR PIER - FLOTTA

Tel: 01856 873636

For berth availability call Orkney VTS
on VHF Ch 16/11.

Cargo Handling: Conventional /Ro-Ro

Fresh water is available via 25mm hose.

Pier is of sheet pile and concrete
construction with limited fendering.

A waiting room and toilets are available at
the head of the pier.

The local ferry uses the Ro-Ro berth.
For ferry time table see
www.orkneyferries.co.uk



SUTHERLAND PIER - FLOTTA

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 50.20' N 03° 07.90' W
Admiralty chart numbers	2562-2
Water Depth (Below Chart Datum)	3-5m
Maximum available length*	100m
Maximum beam*	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Conventional
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

SUTHERLAND PIER - FLOTTA

Tel: 01856 873636

Cargo handling: Conventional.

For berth availability call Orkney VTS VHF Ch 16/11.

Fresh water is available via 25mm hose.

The pier is of sheet pile and concrete construction with limited fendering available.

This pier is used mainly by the tugs and work boats that serve the Flotta Oil Terminal.



GRAEMSAY PIER

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 55.90' N 03° 15.90' W
Admiralty chart numbers	2568-1
Water Depth (Below Chart Datum)	2-5m
Maximum available length*	20m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	SPA – Hoy Natural Scenic Area – Hoy and West Mainland For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities — i.e. dry docks and slipways	n/a
Cargo handling facilities — i.e. bulk, fuel, containers	Conventional
Local authority	Orkney Islands Council
Hazards — pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

GRAEMSAY PIER

Tel: 01856 873636

For berth availability call Orkney VTS on VHF Ch 16/11.

Cargo Handling: conventional

Fresh water is available through a 25mm hose.

There are toilets and a waiting room at the head of the pier.

Pier is of sheet pile and concrete construction with diagonal rubber fendering.

Local Ferry uses the pier regularly and has priority for the outermost set of steps.

For ferry time table see www.orkneyferries.co.uk



HOLM PIER - ST MARY'S

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 53.80' N 02° 54.50' W
Admiralty chart numbers	2250-0
Water Depth (Below Chart Datum)	1-3m
Maximum available length*	30m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	Small boat slipway
Cargo handling facilities – i.e. bulk, fuel, containers	Conventional
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

HOLM PIER - ST MARY'S

Tel: 01856 873636

For berth availability call Orkney VTS on VHF Ch 16/11.

Cargo handling: Conventional

Fresh water is available via 25mm hose.

Pier is of concrete construction with very little fendering.

There is a mooring for visiting vessels up to 18 tonnes in position.

58°53.56'N
002°54.72'W

The mooring is only in place from April to October.

The pier is home to the Holm Sailing Club.



HOUTON TERMINAL - ORPHIR

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 55.10'N 03° 11.00'W
Admiralty chart numbers	2568-3
Water Depth (Below Chart Datum)	1-3m
Maximum available length*	53m
Maximum beam*	n/a
Environmental sensitivities	SPA – Hoy Natural Scenic Areas – Hoy and West Mainland For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Contact Orkney VTS on VHS channel 11/16
Berths	This is the ferry terminal that serves Lyness and Flotta.
Repair facilities — i.e. dry docks and slipways	n/a
Cargo handling facilities — i.e. bulk, fuel, containers	Ro - Ro Linkspan
Local authority	Orkney Islands Council
Hazards — pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

HOUTON TERMINAL - ORPHIR

Tel: 01856 811397

Cargo Handling: Ro-Ro.

No fresh water available.

Pier is of sheet pile construction with limited fendering.

Toilets and waiting room are available at the top of the pier.

This is the ferry terminal that serves Lyness and Flotta.

For ferry time table see www.orkneyferries.co.uk

The North Pier is for the private use of Flotta Terminal.



LONGHOPE PIER - HOY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 48.10' N 03° 12.25' W
Admiralty chart numbers	2162-0
Water Depth (Below Chart Datum)	2-5m
Maximum available length*	53m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	Small boat slipway
Cargo handling facilities – i.e. bulk, fuel, containers	Conventional
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

LONGHOPE PIER - HOY

Tel: 01856 873636

For berth availability call Orkney VTS on VHF Ch16/11.

Cargo Handling: Conventional

Fresh water is available via 25mm hose. Pier is of sheet pile construction with limited fendering.

Two yacht mooring buoys lie close to the pier for yachts up to 18 tonnes. In positions:

58° 48.080'N
003°11.990'W

58° 48.050'N
003° 12.000'W

The moorings are only in place between April and October.

Toilets and shower facilities are located at the head of the pier.

Fuel and groceries are available from the shop at the top of the pier as is the local post office. Fuel is also available for members of the Orkney Marine Fuel Co., from a bunded tank located on the pier.

Longhope Lifeboat is stationed at the pier on its own berthing pontoon. The local ferry berths at the pier overnight.



LYNESS PIER - HOY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 50.15'N 03° 11.45'W
Admiralty chart numbers	2568-2
Water Depth (Below Chart Datum)	4-8m
Maximum available length*	170m
Maximum beam*	No limit
Lock dimensions	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	For Tug availability contact Orkney VTS on VHF Ch11/16.
Pilotage	Pilotage on request
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Conventional/ Ro-Ro Linkspan
Local authority	Orkney islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

LYNESS PIER - HOY

Tel: 01856 873636

For berth availability call Lyness pier on VHF CH 12 or Orkney VTS on VHF CH 16/11

Cargo handling: Conventional /Ro-Ro

The pier is of large concrete block construction, and recently refurbished in 2011. Numerous dive boats and the local fish farm boats use this pier.

Shore side facilities include Yokohama fendering, quayside hard standing, lighting, shore power and fresh water.

Fresh water is available via 25mm hose. A 200 tonne fresh water storage tank is now installed, however a filtration system is yet to be implemented for potable water.

The local ferry uses the Ro-Ro berth.

For ferry time table see www.orkneyferries.co.uk

There are toilets and waiting room close to the Ro-Ro berth. During the summer months a café is available in the interpretation centre a short walk from the pier.





MOANESS PIER - HOY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 55.00' N 03° 18.70' W
Admiralty chart numbers	2568-1
Water Depth (Below Chart Datum)	1-2m
Maximum available length*	20m
Maximum beam*	n/a
Environmental sensitivities	SPA – Hoy National Scenic Area – Hoy and West Mainland For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities — i.e. dry docks and slipways	n/a
Cargo handling facilities — i.e. bulk, fuel, containers	Conventional
Local authority	Orkney Islands Council
Hazards — pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

MOANESS PIER - HOY

Tel: 01856 873636

Cargo handling: Conventional.

For berth availability call Orkney VTS on VHF CH 16/11.

Pier is of concrete construction with limited fendering.

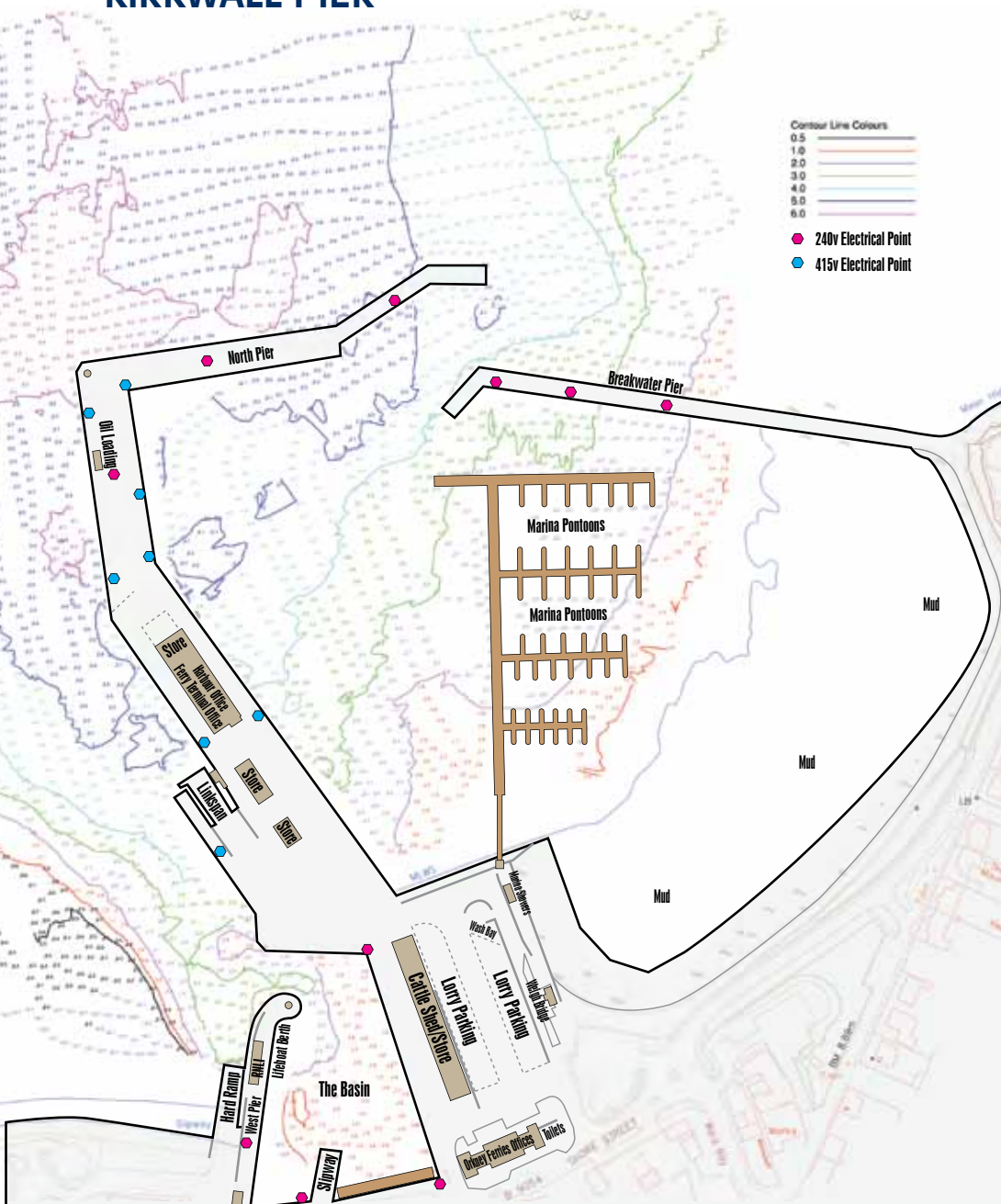
There are toilets and waiting room at the head of the pier.

The local ferry uses the pier regularly and it has priority on the steps.

For ferry timetable see:
www.orkneyferries.co.uk



KIRKWALL PIER



KIRKWALL & HATSTON

Pre-arrival

Vessels requiring a pilot should give 12 and 2 hours notice prior to arrival. All other vessels over 12 metres in length or certified to carry 12 passenger or more, should give 2 hours notice prior to arrival at the harbour limits (see "VTS").

Approach and Navigation

Reference documents include:

Charts: BA 2584 and 1553.

North coast of Scotland Pilot NP52.

Admiralty Tidal Atlas NP209.

On approaching Kirkwall Bay, vessels over 12 metres in length or certified to carry more than 12 persons, should contact "Kirkwall Harbour" on VHF Ch.14. While in the port, these vessels should also advise "Kirkwall Harbour" when they are securely moored and just prior to any movement they are about to make in the port.

Anchorage

During foul weather, vessels can anchor in the Bay of Isbister or north Shapinsay Sound in strong northerlies, or Inganess Bay or Kirkwall Bay in southerlies. Swept anchorages in Kirkwall Bay are ½ mile and 1 mile north of Kirkwall pier.

Pilots

Service operates 24hrs.

Pilotage is compulsory for passenger vessels over 65 metres and all other vessels over 80 metres in length.

All vessels under tow where the length of tow is over 65 meters and all vessels over 300gt carrying persistent oils in bulk must carry a pilot.

Vessels requiring or requesting a pilot must provide a minimum of 2hrs notice to Orkney VTS.

Arrival

A pilot launch is on station, listening on VHF Ch.11 when a vessel is expected. Call "Kirkwall Pilots".

Pilot launch: 12knots.

Boarding speed: as requested by launch coxswain.

Departure

Vessels requiring a pilot for departure should give at least 2 hours notice.

Tugs

The pilot launch "Kirkwall Bay" is normally available for towage duty. See section on "Harbour Craft".

Berths

See chartlets on pages 66 and 113 for details.

Kirkwall Services

Bunkers

Gas oil is available from road tankers. There is no local supply of fuel oil.

Fresh Water

Fresh water is available for vessels berthed alongside. A 100 ton tank will be installed at Hatston Pier in 2015.

Stores

There are no restrictions to vessels taking on stores in the port. There are three supermarkets and numerous smaller shops in the town.

Cranes

Cranes are available by arrangement with local contractors.

Garbage Disposal

Garbage may be landed. Euro bins, a skip and an oil collection tank is provided. Charges may apply.

Medical

The town has full medical and dental facilities.



KIRKWALL PIER

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 59.18' N 02° 57.42' W
Admiralty chart numbers	1553-0
Water Depth (Below Chart Datum)	1-5.5m
Maximum available length*	119m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Available
Pilotage	Kirkwall Harbour Radio VHF channel 14 or contact Orkney VTS on VHF Ch11/16.
Berths	Available
Repair facilities – i.e. dry docks and slipways	There is a boat slip at Hatston
Cargo handling facilities – i.e. bulk, fuel, containers	Fuel Gantry; bulk loading and Lo-Lo contingency
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	Yes

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

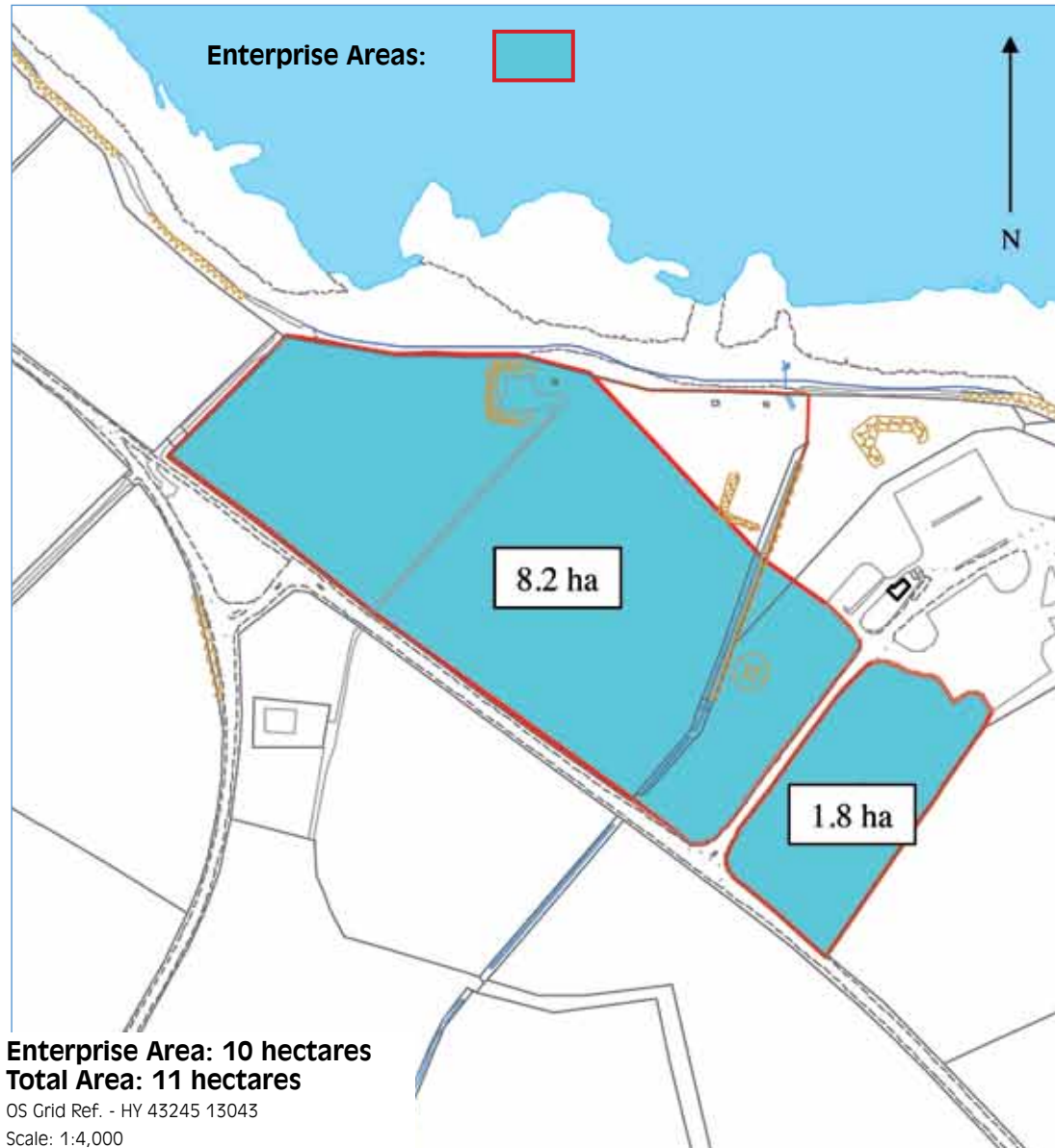
HATSTON PIER

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59° 00.18' N 02° 58.12' W
Admiralty chart numbers	1553-0
Water Depth (Below Chart Datum)	5-10.5m
Maximum available length*	385m
Maximum beam*	No restraint
Lock dimensions	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	May be available from Scapa Flow
Pilotage	For berth availability contact Orkney VTS on VHF Ch11/16
Berths	1A=225m, 1B=160m, 2A=103m, 2b=124m, 3=115m, Ro Ro=157m
Repair facilities – i.e. dry docks and slipways	Boat slip
Cargo handling facilities – i.e. bulk, fuel, containers	Bulk and Lo-Lo and linkspan
Local authority	Orkney Island Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	Yes

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

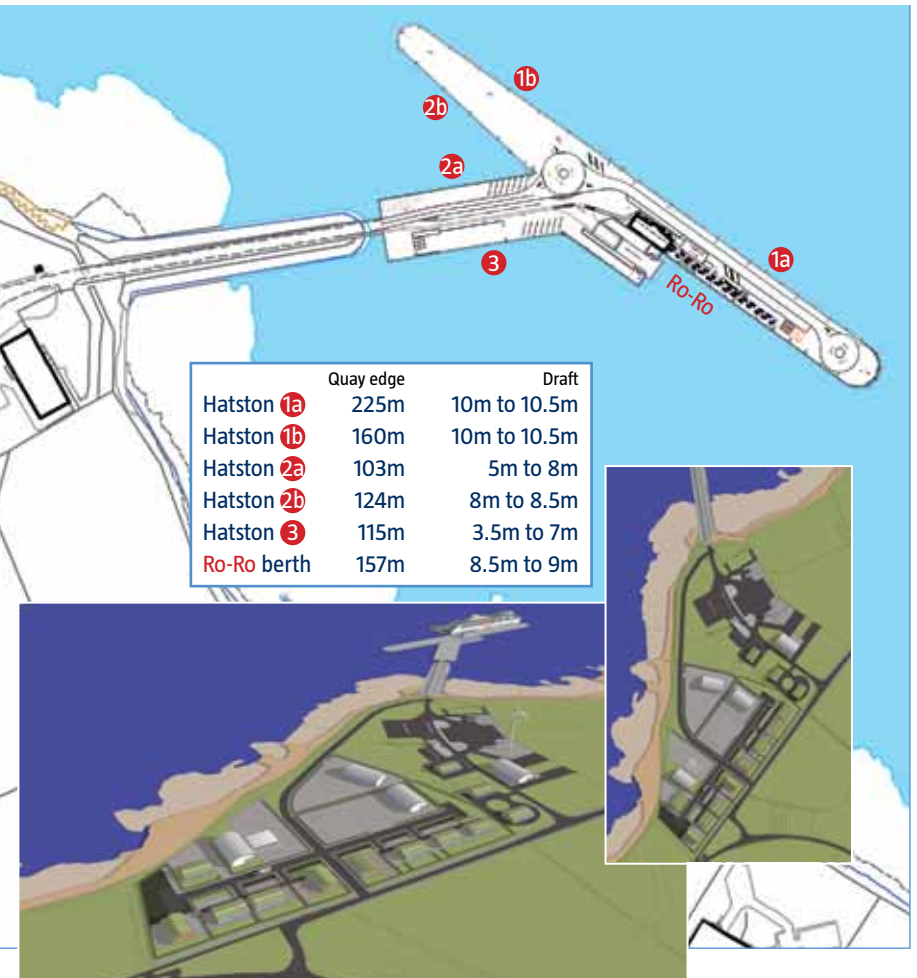
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HATSTON DEVELOPMENT & ENTERPRISE AREA - KIRKWALL



Hatston and Lyness have between them 16.9 hectares of designated Enterprise Area status by the Scottish Government. The designation is for an initial 5 year period commencing April 2012 and includes:

- Business Rates Discounts
 - Enhanced Capital Allowances for investment in plant and machinery
 - A streamlined approach to planning
 - High speed broadband connections
 - International promotion and marketing of Enterprise Areas
 - Skills and training support to fully capitalise on the employment opportunities created
- For further information on Enterprise Areas please contact stuart.allison@orkney.gov.uk



HATSTON SLIPWAY - KIRKWALL

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 59.40'N 02° 58.00'W
Admiralty chart numbers	1553-0
Water Depth (Below Chart Datum)	0.74m at toe.
Maximum available length*	n/a
Maximum beam*	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	n/a
Repair facilities – i.e. dry docks and slipways	Slipway
Cargo handling facilities – i.e. bulk, fuel, containers	n/a
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	Creel buoys on approach
Tidal range	4m
ISPS compliant	No
ISPS compliant	Yes

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

HATSTON SLIPWAY - KIRKWALL

Tel: 01856872292/873636

Launching and drying out facilities available with the permission of the piermaster.

Contact Piermaster on by telephone or VHF ch 14.

Crane required for drying out facilities.



NOUSTER PIER - NORTH RONALDSAY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59° 21.24'N 02° 26.18'W
Admiralty chart numbers	2250-0
Water Depth (Below Chart Datum)	1-3m
Maximum available length*	50m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	SPC – Sanday. For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Conventional
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

NOUSTER PIER - NORTH RONALDSAY

Tel : 01856 873636

For berth availability call Orkney VTS on VHF CH 16/11.

Cargo Handling: Conventional Lo-Lo

Local ferry uses the pier weekly and has priority for the outermost set of steps.

Fresh water via 25mm hose.

For ferry time table see www.orkneyferries.co.uk

Waiting room with toilets at the top of the pier.

There are two moorings for visiting vessels up to 18 tonnes at positions

59° 21.255'N
002° 26.100'W.

The moorings are in place between April and October.



MOCLETT PIER - PAPA WESTRAY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59° 19.60'N 02° 53.40'W
Admiralty chart numbers	2249/2250
Water Depth (Below Chart Datum)	1-3m
Maximum available length*	50m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	SSSI – Holm of Papa Westray SPA – Papa Westray (North Hill and Holm) For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Conventional Lo-Lo
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

MOCLETT PIER - PAPA WESTRAY

Tel: 01856 873636

For berth availability call Orkney VTS on VHF CH 16/11.

Cargo Handling: Conventional

Fresh water via 25mm hose.

Local ferry (to Westray) uses the pier and has priority for the outermost set of steps. There is a waiting room and toilets at the head of the pier.

For ferry time table see www.orkneyferries.co.uk

There is a mooring buoy for visiting vessels up to 18 tonnes in position

59° 21.070'N
002° 52.995'W,

The mooring is in place between April and October.



TRUMLAND PIER - ROUSAY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59° 07.80'N 02° 59.10'W
Admiralty chart numbers	2249/2250
Water Depth (Below Chart Datum)	1-4m
Maximum available length*	28m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	SPA/SSSI – Rousay SSSI – Eynhallow Wyre & Rousay Sounds MPA For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	Ferry slip
Cargo handling facilities – i.e. bulk, fuel, containers	Hard Ramp and Conventional
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

TRUMLAND PIER - ROUSAY

Tel: 01856 873636

For berth availability call Orkney VTS on VHF CH 16/11.

Cargo Handling: Ro-Ro and Conventional

Local Ferry uses the hard ramp berth and has priority. The ferry berths here overnight.

For ferry time table see www.orkneyferries.co.uk

There is a waiting room with toilets at the top of the pier. There is fuel and a shop next to the pier, a hotel approximately 1 km to the west.

Fresh water via 25mm hose.

There is a mooring for visiting vessels up to 18 tonnes in position

59° 07.757'N,
002° 59.312'W

The mooring is only in place between April and October.



KETTLETOFT - SANDAY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59° 13.90'N 02° 35.80'W
Admiralty chart numbers	2562-2
Water Depth (Below Chart Datum)	1-2m
Maximum available length*	50m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	SAC – Sanday SSSI/SPA/Ramsar – East Sanday Coast. For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Conventional
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

KETTLETOFT - SANDAY

Tel: 01856 873636

For berth availability call Orkney VTS on VHF ch 16/11.

Cargo Handling: Conventional

Fresh water via 25mm hose.

There are toilets on the pier, with fuel, a shop and two hotels next to the pier.



LOTH PIER - SANDAY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59° 11.50'N 02° 41.80'W
Admiralty chart numbers	2562-2
Water Depth (Below Chart Datum)	3-7m
Maximum available length*	50m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	SPA – Calf of Eday. For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Ro-Ro and Conventional Linkspan
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

LOTH PIER - SANDAY

Tel: 01856 873636

For berth availability call Orkney VTS
on VHF ch 16/11.

Cargo Handling: Ro-Ro and Conventional

Local ferry uses the pier and has priority.

Fresh water via 25mm hose.

For ferry time table see
www.orkneyferries.co.uk

Waiting room telephone and toilets at the
top of the pier.

For members of the Orkney Marine Fuel
Co., marine diesel is available from a
bunded tank located on the pier.



SCAPA PIER

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 57.40'N 02° 58.40'W
Admiralty chart numbers	35-0
Water Depth (Below Chart Datum)	3-6m
Maximum available length*	80m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Available
Pilotage	Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	Boat slip
Cargo handling facilities – i.e. bulk, fuel, containers	Conventional and Oil Pipeline
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

SCAPA PIER

Tel: 01856 872292/873636

For berthing information call Orkney VTS on VHF CH 16/11.

Cargo handling: Conventional and oil pipeline

Electricity available.

Fresh water available from a mains hydrant

Pier recently widened and includes an area of hard standing and a slipway providing launching facilities at the shoreward end of the north side.

Pier is of sheet pile construction.

Pier is the main base for Pilot boats, tugs and agents' craft servicing the oil port of Scapa Flow. It is also the import route for general fuels into Orkney.

No berths on inner south side.

There is a mooring for visiting vessels up to 18 tonnes in position

58°57.486'N
002°58.322'W

The mooring is only in place between April and October.



Scapa Flow



Scapa Flow

Pre – arrival

Tankers visiting Scapa Flow should report their ETA to Orkney VTS 24, 12 and 2 hours prior to arrival at the harbour limits. Other vessels requiring a pilot to give 12 and 2 hours notice. All vessels over 20 metres should give 2 hours notice.

(See VTS page 8)

Approach & Navigation

Reference documents include:

Charts: BA 2162, 2581 and 35.

North Coast of Scotland Pilot NP52.

Admiralty Tidal Atlas NP209.

Note: - The principle entrance to Scapa Flow is from the south via the Pentland Firth. This stretch of water contains some of the strongest tidal flows in the world and it is therefore imperative that mariners study the contents of the relative documents and charts relating to navigational recommendations and tidal flows for this area before approaching the harbour limits. A detailed voyage plan is essential.

While in the port, the vessel's VHF radio should be set to channel 11 and, where applicable, to the appropriate channel for the intended destination (see appendix). Listen out for traffic information.

Ships navigating in the port should do so with caution, paying particular attention to tide flows and the traffic situation.

Recommended tracks should be used for guidance.

Note:- Orkney VTS has radar coverage over the Pentland Firth/Scapa Flow areas.

Tugs

Certain vessels are required to be accompanied by a tug escort while navigating this area. See section entitled "Towage" for details.

Pilots

Service operates 24hrs.

Pilotage is compulsory for passenger vessels over 65 metres and all other vessels over 80 metres in length.

All vessels under tow where length of tow is over 65 meters;

All vessels over 300gt carrying persistent oils in bulk.

Vessels requiring or requesting a pilot must provide a minimum of 2hrs notice to Orkney VTS.

Arrival

The Pentland Firth west pilot station is the preferred boarding area as it affords more sea room and has a more predictable tide flow.

A pilot launch is on station, listening on VHF Ch.11, when a vessel is expected.

Call: "SCAPA FLOW PILOTS"

Pilot Launch: 13/20 knots.

Boarding Speed: As requested by launch coxswain.

Departure

Vessels requiring a pilot for departure should give at least 2 hours notice.

The pilot will normally disembark between Nevi Skerry and Stanger Head to allow the vessel to build up to full speed prior to entering the tidal flow in the Pentland Firth.

Anchoring

Scapa Flow offers a spacious, secure anchorage with good shelter from foul weather. Vessels should anchor as directed by the harbour authority.

BALFOUR PIER - SHAPINSAY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59° 01.90'N 02° 54.40'W
Admiralty chart numbers	2584-0
Water Depth (Below Chart Datum)	2-4m
Maximum available length*	33m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Hard Ramp and Conventional
Local authority	Orkney Islands Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

BALFOUR PIER - SHAPINSAY

Tel: 01856 873636

For berth availability call Orkney VTS on VHF CH 16/11.

Cargo Handling: Ro-Ro and Conventional.

Electricity (240v) is available.

Fresh water is available.

Balfour village, with shops, fuel and a hotel, is close to the pier.

There are two mooring buoys for visiting vessels up to 18 tonnes in positions

59° 01.912'N,
002° 54.321'W

59° 01.898'N,
02° 54.355'W

The moorings are in place between April and October.



STROMNESS PIER

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 57.4' N 03° 17.5' W
Admiralty chart numbers	2568-1
Water Depth (Below Chart Datum)	3-6m
Maximum available length*	135m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	SSSI – Stromness Heaths and Coast National Scenic Area – Hoy and West Mainland For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	May be available from Scapa Flow
Pilotage	Contact Orkney VTS on VHF Ch11/16
Berths	Available
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	n/a
Local authority	Orkney Island Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	Yes

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

STROMNESS PIER

Pre-arrival

Vessels requiring a pilot should give 12 and 2 hours notice prior to arrival. All other vessels over 12 metres in length and arriving from outwith Orkney, should give 2 hours notice prior to arrival at the harbour limits, (see "VTS").

Approach and Navigation

Reference documents include:
Charts: BA 2162, 2581, 2568 and 35.
North coast of Scotland Pilot NP52.
Admiralty Tidal Atlas NP209.
Vessels over 12 metres in length and arriving via the Pentland Firth should advise Orkney VTS when crossing the harbour limits. VHF radios should be set to channels 11 and 14. Ships navigating in the port should do so with caution, paying particular attention to tide flows and the traffic situation. See also "Scapa Flow".
On approaching Hoy/Clestrain Sound, vessels over 12 metres in length or certified to carry more than 12 persons, should contact "Stromness Harbour" on VHF Ch.14. While in the port, these vessels should also advise "Stromness Harbour" when they are securely moored and just prior to any movement they are about to make in the port.

Anchorage

Anchorage close to Stromness and suitable for vessels up to 6m draught, can be found at Cairston Road to the southeast of Outer Holm (see chart no. BA 2568). Numerous additional anchorages can be found in Scapa Flow. See page --.

Pilots

Service operates 24hrs.
Pilotage is compulsory for passenger vessels over 65 metres and all other vessels over 80 metres in length.
All vessels under tow where length of tow is over 65 meters;

All vessels over 300gt carrying persistent oils in bulk.

Vessels requiring or requesting a pilot must provide a minimum of 2hrs notice to Orkney VTS.

Arrival

A pilot launch is on station, listening on VHF Ch.11 when a vessel is expected. Call "Stromness Pilots".

Pilot launch: 13/20 knots.

Boarding speed: as requested by launch coxswain.

Departure

Vessels requiring a pilot for departure should give at least 2 hours notice.

Tugs

The port tugs based in Scapa Flow may be available. However, they may be considered unsuitable for vessels using Stromness as a port. See section on Towage

Berths

See chartlet on pages 104/105 for details.

There is also a yacht marina -

Tel 07810 465 825

Stromness Services

Bunkers

Gas oil is available from road tankers. There is no local supply of fuel oil.

Fresh Water

Fresh water is available for vessels berthed alongside.

Stores

There are no restrictions to vessels taking on stores in the port. There is one mini-market and numerous smaller shops in the town.

Cranes

Cranes are available by arrangement with local contractors.

Garbage Disposal

Garbage may be landed. Euro bins, a skip and an oil collection tank are provided. Charges may apply.

Medical

There medical and dental facilities. There is a hospital in Kirkwall, 15 miles east of Stromness.

STROMNESS PIER & MARINA



ELECTRICITY



0.0 metre contour

1.0 " "

2.0 " "

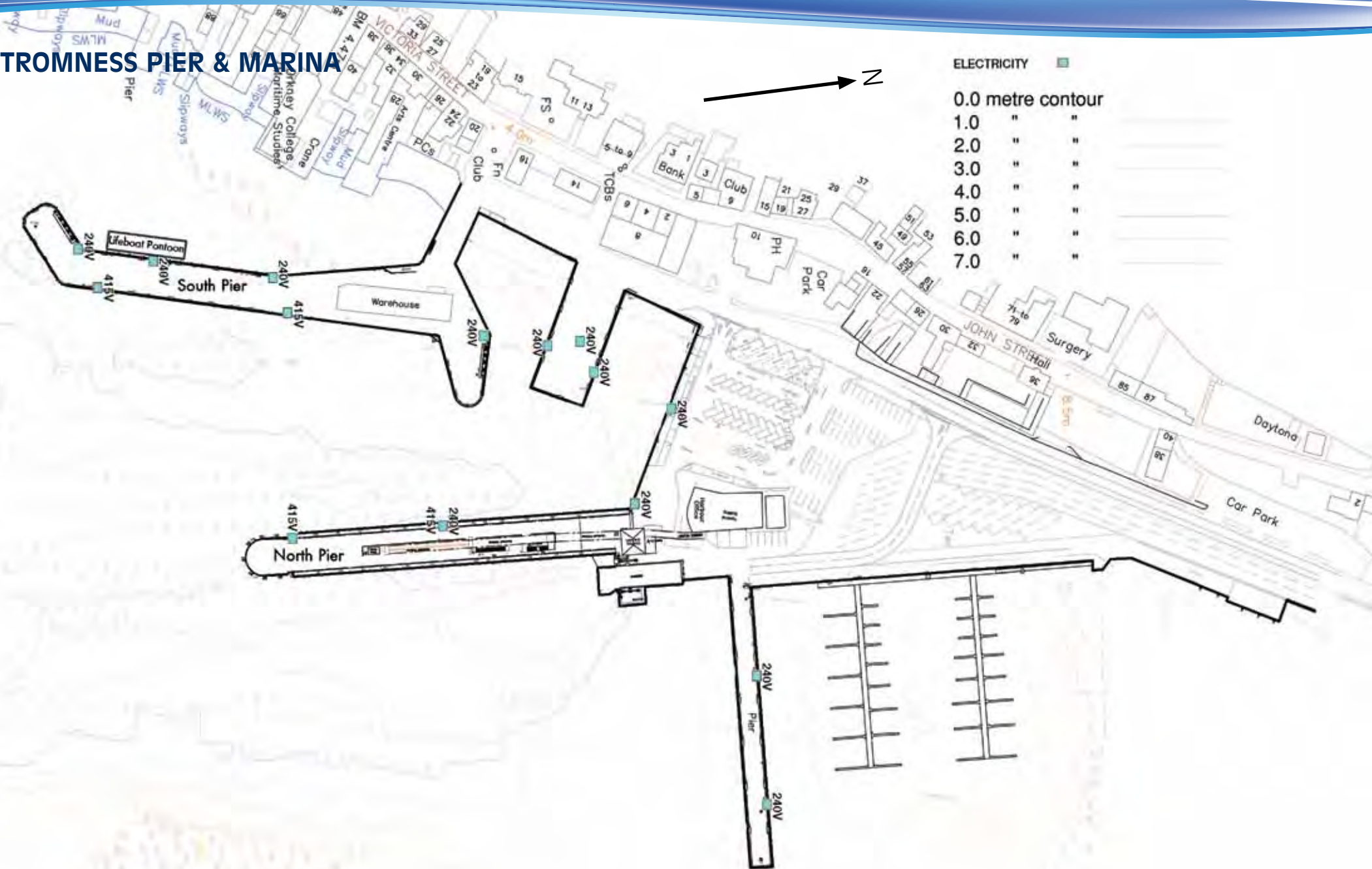
3.0 " "

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6.0 " "

7.0 " "





COPLAND'S DOCK - STROMNESS

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58 57.70'N 03 17.60'W
Admiralty chart numbers	1553-0
Water Depth (Below Chart Datum)	3.5 — 6m
Maximum available length*	100m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	SSSI — Stromness Heaths and Coast National Scenic Area — Hoy and West Mainland For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities — i.e. dry docks and slipways	n/a
Cargo handling facilities — i.e. bulk, fuel, containers	Lift on / Lift off
Local authority	Orkney Islands Council
Hazards — pipelines, overhead cables	
Tidal range	4m
ISPS compliant	Yes

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

COPLAND'S DOCK - STROMNESS

58 57' 75"N 003 17' 60"W

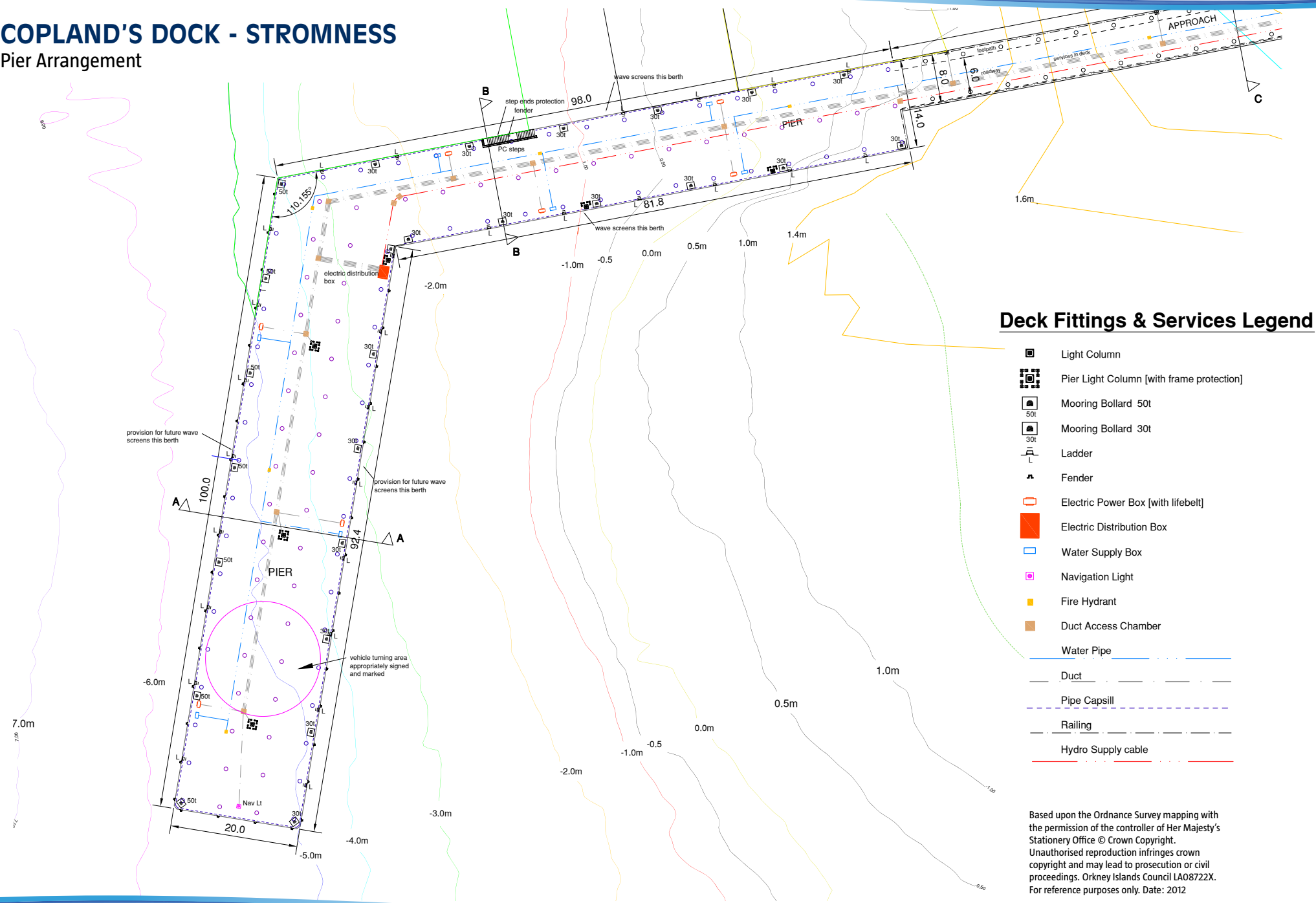
Copland's Dock, which was opened for business in May 2014, provides in excess of 370m of new quay edge and additional lay-down areas for wave technologies and their supply vessels and supply chain to service the Crown Estate leasing areas to the west and south of Orkney. Fishing and dive support vessels, plus other commercial and leisure shipping, are also to utilise this new strategic asset.

- A West 100m 5m to 6m draft
- B East 92.4m 3.5m to 5m draft
- C South 81.8m
- D North 98m



COPLAND'S DOCK - STROMNESS

Pier Arrangement



POLE STAR PIER - STROMNESS

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	58° 57.51'N 03° 17.90'W
Admiralty chart numbers	2568-1
Water Depth (Below Chart Datum)	3-6m
Maximum available length*	50m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	SSSI – Stromness Heaths and Coast National Scenic Area – Hoy and West Mainland For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Available
Pilotage	Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities — i.e. dry docks and slipways	n/a
Cargo handling facilities — i.e. bulk, fuel, containers	n/a
Local authority	Orkney Islands Council
Hazards — pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

POLE STAR PIER - STROMNESS

**Tel : 01856 873636
or 01856 850744**

For berth availability call Stromness Harbour Radio on VHF ch 14 or VTS on VHF ch 11.

Fresh water and mains shore power available.

Use primarily by marine renewables by agreements only with Harbour Authority.

The pier is also the home of Orkney College safety and lifeboat training facilities.



STRONSAY - WEST PIER

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59° 08.60'N 02° 36.10'W
Admiralty chart numbers	2562-2
Water Depth (Below Chart Datum)	1-2m
Maximum available length*	n/a
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Conventional
Local authority	Orkney Island Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

STRONSAY - WEST PIER

Tel : 01856 873636

For berth availability call Stronsay Pier on VHF CH 16/12. Orkney VTS on VHF CH 11.

Cargo Handling: Conventional

Fresh water via 25mm hose.

Electricity (240v) via coin box.

Fuel, groceries and hotel available in Whitehall village next to the pier.

For members of the Orkney Marine Fuel Co. marine diesel is available from a bunded tank on the pier.



WHITEHALL - STRONSAY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59°08.60'N 02°36.00'W
Admiralty chart numbers	2562-2
Water Depth (Below Chart Datum)	1-4m
Maximum available length*	50m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Ro-Ro and Conventional Linkspan
Local authority	Orkney Island Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

WHITEHALL - STRONSAY

Tel: 01856 873636

For berth availability call Stronsay Pier on VHF CH 16/12 Orkney VTS on VHF CH 11.

Cargo Handling: Ro-Ro and Conventional.

Local ferry uses the pier and has priority.

Fresh water via 25mm hose.

Electricity (240v) via coin box.

For ferry time table see www.orkneyferries.co.uk

Fuel, groceries and hotel available in Whitehall village next to the pier.

There is a mooring buoy for visiting vessels up to 18 tonnes in position

59°08.747'N
002°35.716'W

The mooring is in place between April and October.



TINGWALL PIER

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59° 05.40'N 03° 02.50'W
Admiralty chart numbers	2249-0
Water Depth (Below Chart Datum)	1.5-3.5m
Maximum available length*	28m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Hard Ramp
Local authority	Orkney Island Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

TINGWALL PIER

Tel: 01856 872292/873636

Cargo handling: Ro-Ro

For berth availability call Orkney VTS on VHF ch 16/11 or piermaster by telephone.

Fresh water via 25mm hose.

The pier is of sheet pile and concrete construction with limited fendering available.

Fuel is available for members of the Orkney Marine Fuel Co., from a bunded tank located on the pier.

The hard ramp is used by the Ro-Ro ferry.

For ferry time table see www.orkneyferries.co.uk

Toilets and waiting rooms are at the head of the peir.

A regular bus service is available.



PIEROWALL PIER - WESTRAY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59° 19.32'N 02° 58.60'W
Admiralty chart numbers	2249/2250
Water Depth (Below Chart Datum)	2-5m
Maximum available length*	50m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	Small boat slipway and marina
Cargo handling facilities – i.e. bulk, fuel, containers	Conventional
Local authority	Orkney Island Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

PIEROWALL PIER - WESTRAY

Tel: 01856 873636

For berth availability call Pierowall Harbour on VHF CH 16/12 Orkney VTS on VHF CH 11.

Cargo Handling: Conventional

Local ferry uses the pier and has priority.

Fresh water via 25mm hose.

Electricity (240v) via several coin boxes.

For ferry time table see www.orkneyferries.co.uk

Waiting room, toilets and showers on the pier. Fuel, groceries and hotel in Pierowall village some 0.5 km from the pier. For members of the Orkney Marine Fuel Co. marine diesel is available from a bunded tank on the pier.

A hard standing area is available for drying out.

For further details of marina berths see Westray Marina on page 99.

There is a mooring for visiting vessels up to 18 tonnes in position.

59° 19.320'N
002° 58.600'W

The mooring is in place between April and October.



RAPNESS PIER - WESTRAY

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59° 14.90'N 02° 51.40'W
Admiralty chart numbers	2562-2
Water Depth (Below Chart Datum)	2-5m
Maximum available length*	50m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	SAC/SSSI – Faray and Holm of Faray. For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Ro-Ro and Conventional.
Local authority	Orkney Island Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

RAPNESS PIER - WESTRAY

Tel: 01856 873636

For berth availability call Orkney VTS on VHF CH 16/11.

When a ferry is at the pier call 'Rapness Terminal' on Ch 12.

Cargo Handling: Ro-Ro and Conventional.

Local ferry uses the pier and has priority.

For ferry time table see www.orkneyferries.co.uk

Waiting room, telephone and toilets next to the pier.

Fresh water via 25mm hose.



WYRE PIER

Harbour Office contact details	Orkney Islands Council Marine Services Harbour Authority Building Scapa Orkney, KW15 1SD Telephone: +44 (0)1856 873636 Email: harbours@orkney.gov.uk Website: www.orkneyharbours.com
Latitude and longitude of harbour entrance	59° 07.50'N 02° 58.40'W
Admiralty chart numbers	2249/2250
Water Depth (Below Chart Datum)	1-3m
Maximum available length*	28m
Maximum beam*	n/a
Lock dimensions	n/a
Environmental sensitivities	Wyre & Rousay Sounds MPA For full designations see: http://gateway.snh.gov.uk/sitelink/searchmap.jsp
Tugs	Not Available
Pilotage	Not Available
Berths	For berth availability contact Orkney VTS on VHF Ch11/16.
Repair facilities – i.e. dry docks and slipways	n/a
Cargo handling facilities – i.e. bulk, fuel, containers	Ro-Ro hard ramp
Local authority	Orkney Island Council
Hazards – pipelines, overhead cables	
Tidal range	4m
ISPS compliant	No

*Larger vessels may be accepted on a case by case basis at the sole discretion of the harbour master

WYRE PIER

Tel: 01856 873636

Cargo handling: Ro-Ro

For berth availability call Orkney VTS
on VHF CH 11.

Local Ferry uses the pier and has priority.

For ferry time table see
www.orkneyferries.co.ukS

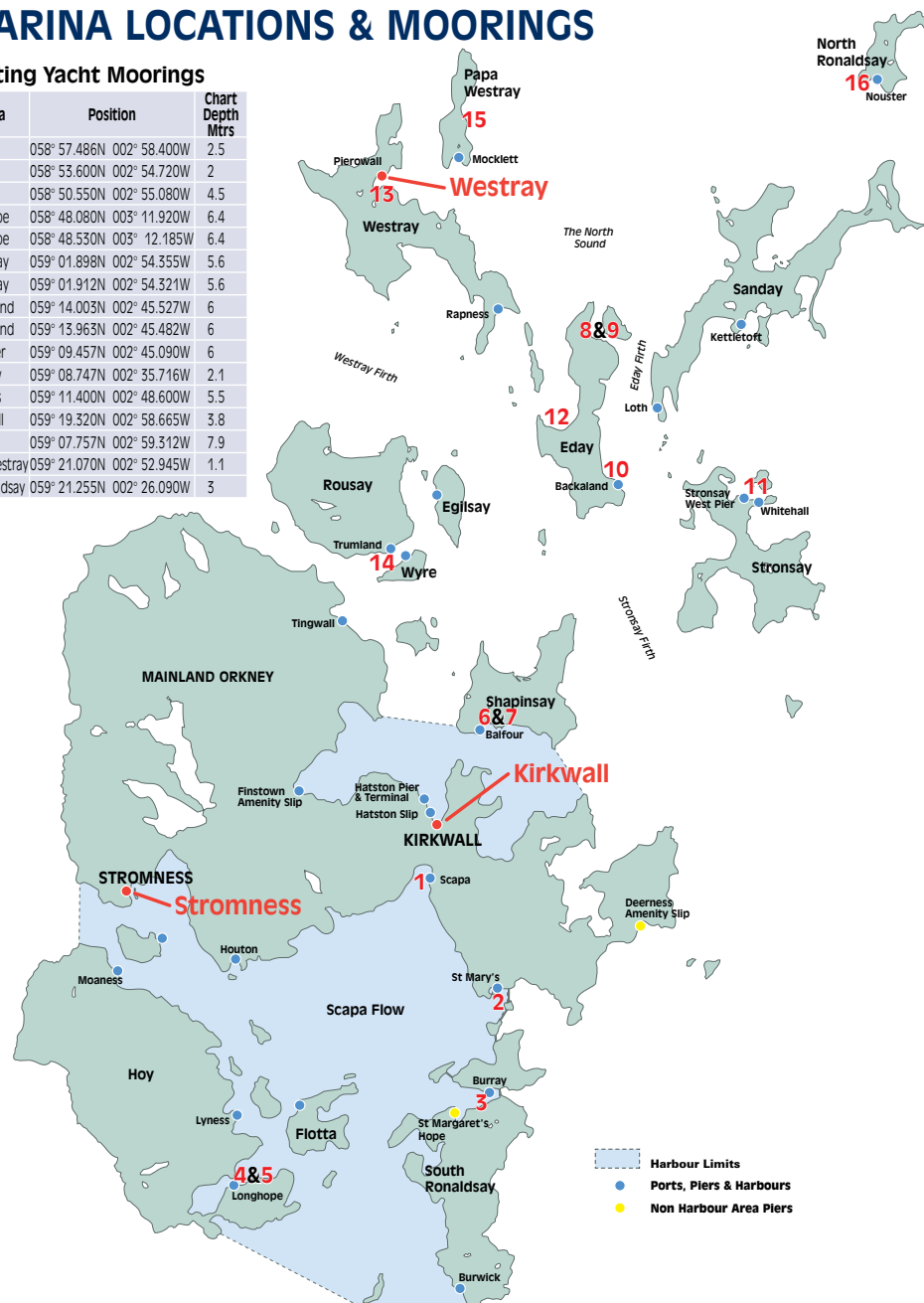
There is a waiting room with telephone
and toilets at the top of the pier.



MARINA LOCATIONS & MOORINGS

Visiting Yacht Moorings

Buoy No.	Area	Position	Chart Depth Mtrs
1	Scapa	058° 57.486N 002° 58.400W	2.5
2	Holm	058° 53.600N 002° 54.720W	2
3	Burray	058° 50.550N 002° 55.080W	4.5
4	Longhope	058° 48.080N 003° 11.920W	6.4
5	Longhope	058° 48.530N 003° 12.185W	6.4
6	Shapinsay	059° 01.898N 002° 54.355W	5.6
7	Shapinsay	059° 01.912N 002° 54.321W	5.6
8	Calif Sound	059° 14.003N 002° 45.527W	6
9	Calif Sound	059° 13.963N 002° 45.482W	6
10	Eday Pier	059° 09.457N 002° 45.090W	6
11	Stronsay	059° 08.747N 002° 35.716W	2.1
12	Fersness	059° 11.400N 002° 48.600W	5.5
13	Pierowall	059° 19.320N 002° 58.665W	3.8
14	Rousay	059° 07.757N 002° 59.312W	7.9
15	Papa Westray	059° 21.070N 002° 52.945W	1.1
16	N. Ronaldsay	059° 21.255N 002° 26.090W	3



MARINAS

There are three marinas situated at Kirkwall, Stromness and Westray (Westray is May to September only).

They all lie within the area covered by the Orkney Harbour Authority but are operated by Orkney Marinas Ltd. The marinas provide deep water sheltered berths for visiting craft.

Facilities on site include water and electricity (240v). Showers and toilets are available nearby. It is possible to purchase a "Rover" ticket at any one marina which is valid for all three marinas.

Vessels intending to enter or depart from any marina must contact the pier master on VHF channel 14 prior to entering or leaving. This is particularly important for Kirkwall and Stromness where there are frequent movements of ferries and commercial craft.

The marina agent can be contacted by mobile phone. Full details of berthing and booking arrangements can be found at www.orkneymarinas.co.uk



Telephone:

Kirkwall Marina 07810 465 835

Stromness Marina 07810 465 825

Westray Marina 07810 465 784

Main office tel 01856 871313

Email: info@orkneymarinas.co.uk

Stromness Marina

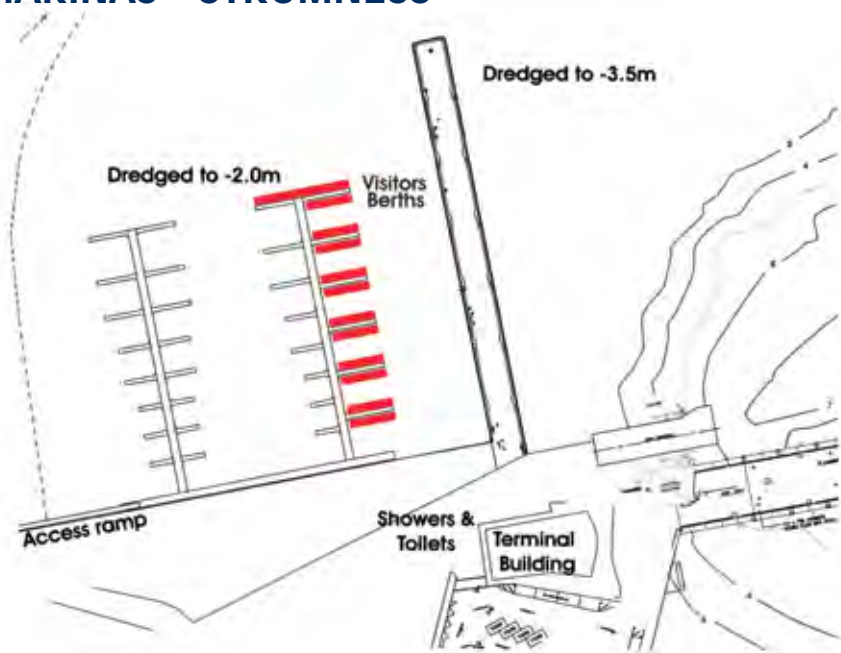


Westray Marina

Kirkwall Marina



MARINAS - STROMNESS



MARINAS - KIRKWALL



MARINAS - WESTRAY



Tidal Atlas

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The North Coast of Scotland Pilot (Admiralty Sailing Directions NP 52) includes the following comments. (For full details, mariners are strongly advised to consult this publication directly).

For the Pentland Firth

General Information. Tidal streams are highly significant to the mariner navigating in or through the Pentland Firth and need to be considered at all times. They encounter a number of obstructions which give rise to eddies and races, which, in several areas of the firth can be very strong and extremely violent.

Rates. Tidal streams run with great strength, rates up to 16 knots having been reported close to W of Pentland Skerries.

Eddies. In some parts of the firth the transition between the main stream and an eddy, and vice versa, can occur so suddenly as to cause even a large vessel to take a violent sheer. All the islands, headlands and other dangers in the Firth should therefore be given a wide berth, particularly in poor visibility.

Races. Even in calm conditions there can be heavy turbulence in the races; in disturbed conditions, particularly when the tidal streams are opposed by strong winds or a swell, the sea in the races can be extraordinarily violent and confused, and extremely dangerous to small vessels which may become unmanageable.

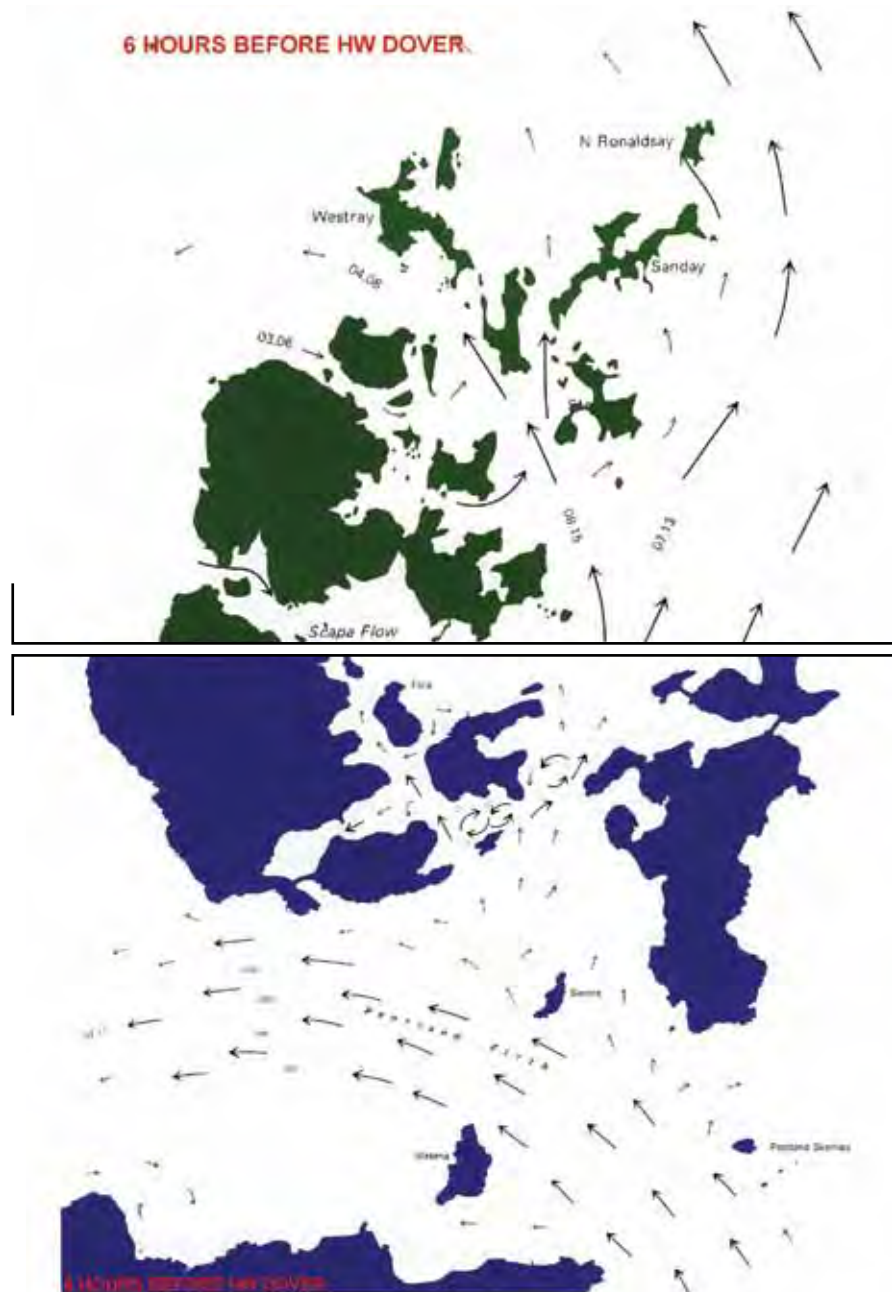
Merry Men of Mey. The most extensive and dangerous race in the Pentland Firth, forms off St John's Point during the W-going tidal stream, and, when fully established, extends NNW the whole way across the firth to Tor Ness. With a W sea or swell the entire race becomes very violent; large waves form suddenly and from varying directions.

For the Orkney Islands

General Information. Navigation in the vicinity of the Orkney Islands presents little difficulty in clear weather except in the Pentland Firth (see above). In poor visibility however, caution is required as tidal streams in the firths and sounds among the islands are generally strong except in Scapa Flow where they are barely perceptible.

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Tidal Atlas



Tidal Atlas



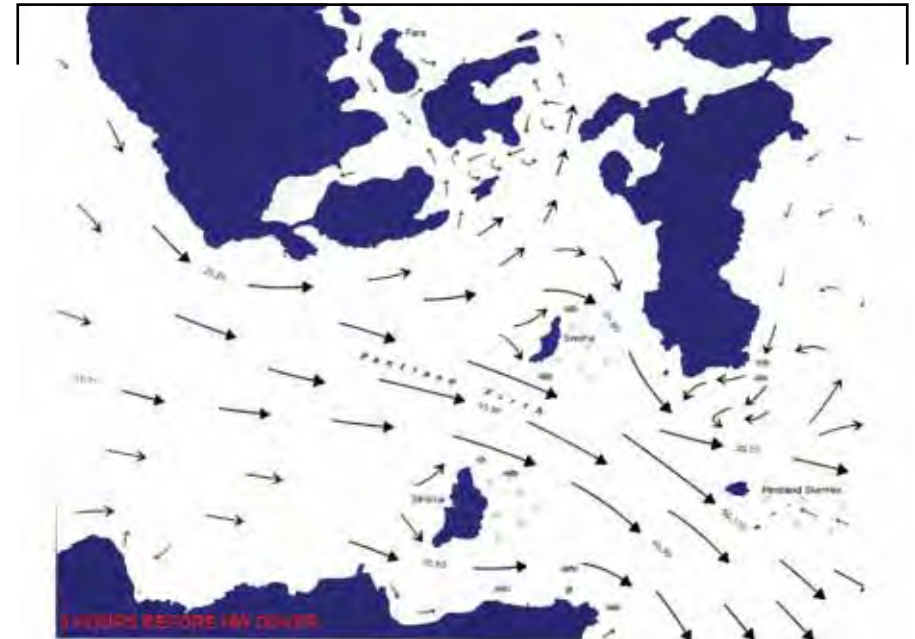
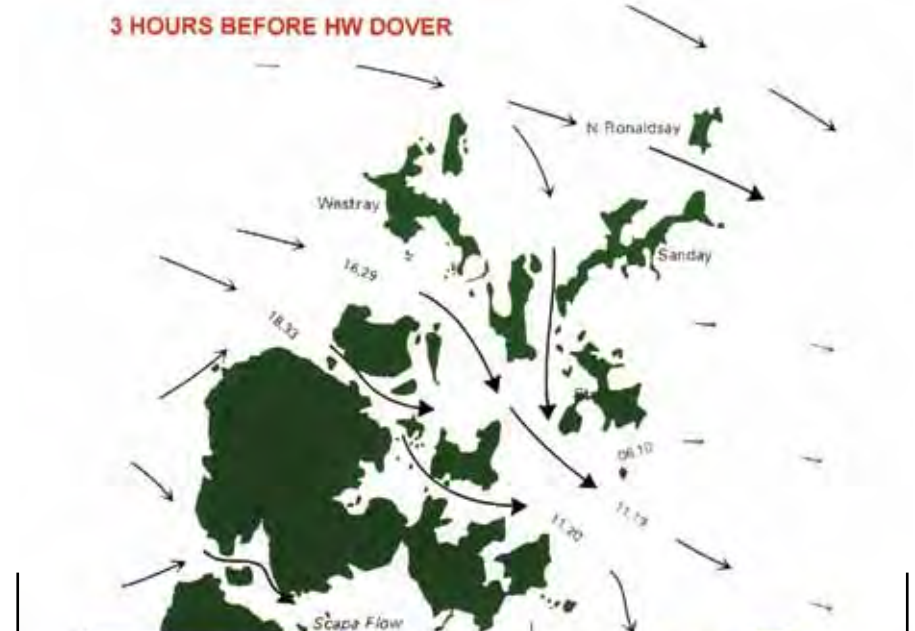
Tidal Atlas

4 HOURS BEFORE HW DOVER



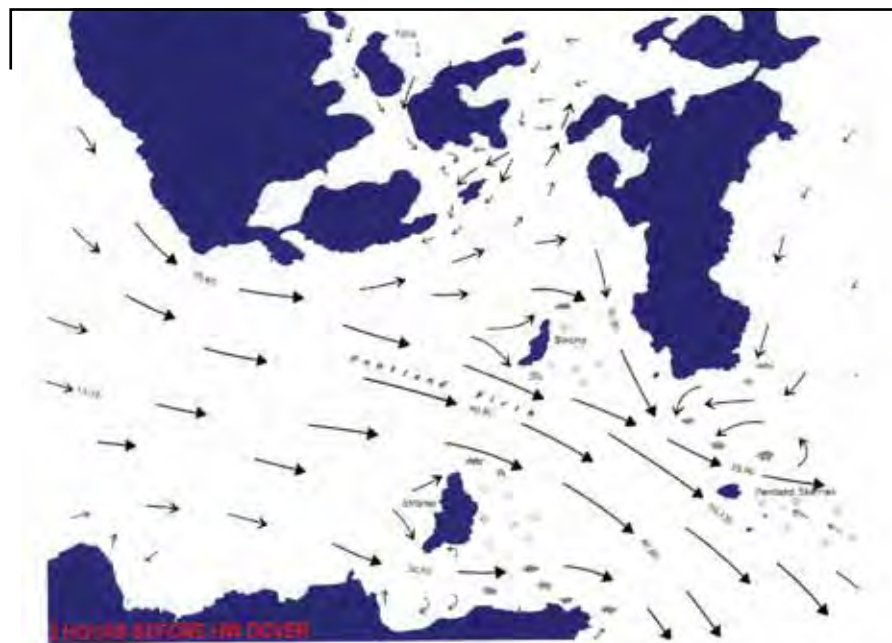
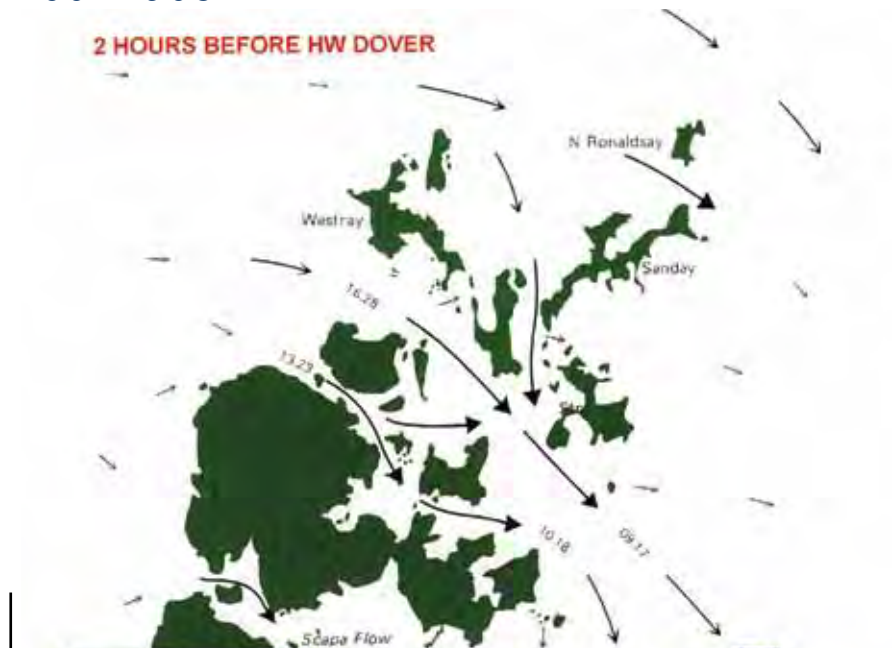
Tidal Atlas

3 HOURS BEFORE HW DOVER



Tidal Atlas

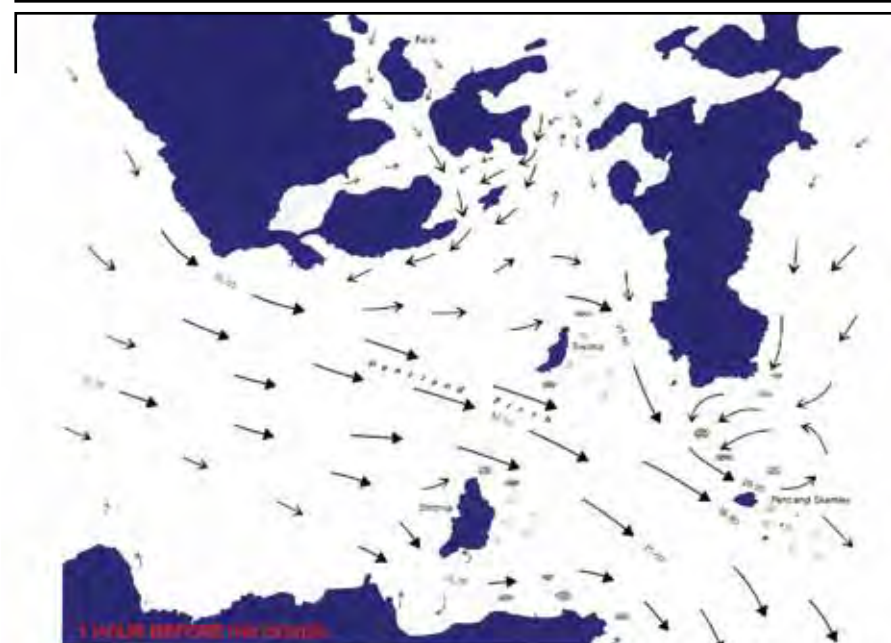
2 HOURS BEFORE HW DOVER



1 HOUR BEFORE HW DOVER

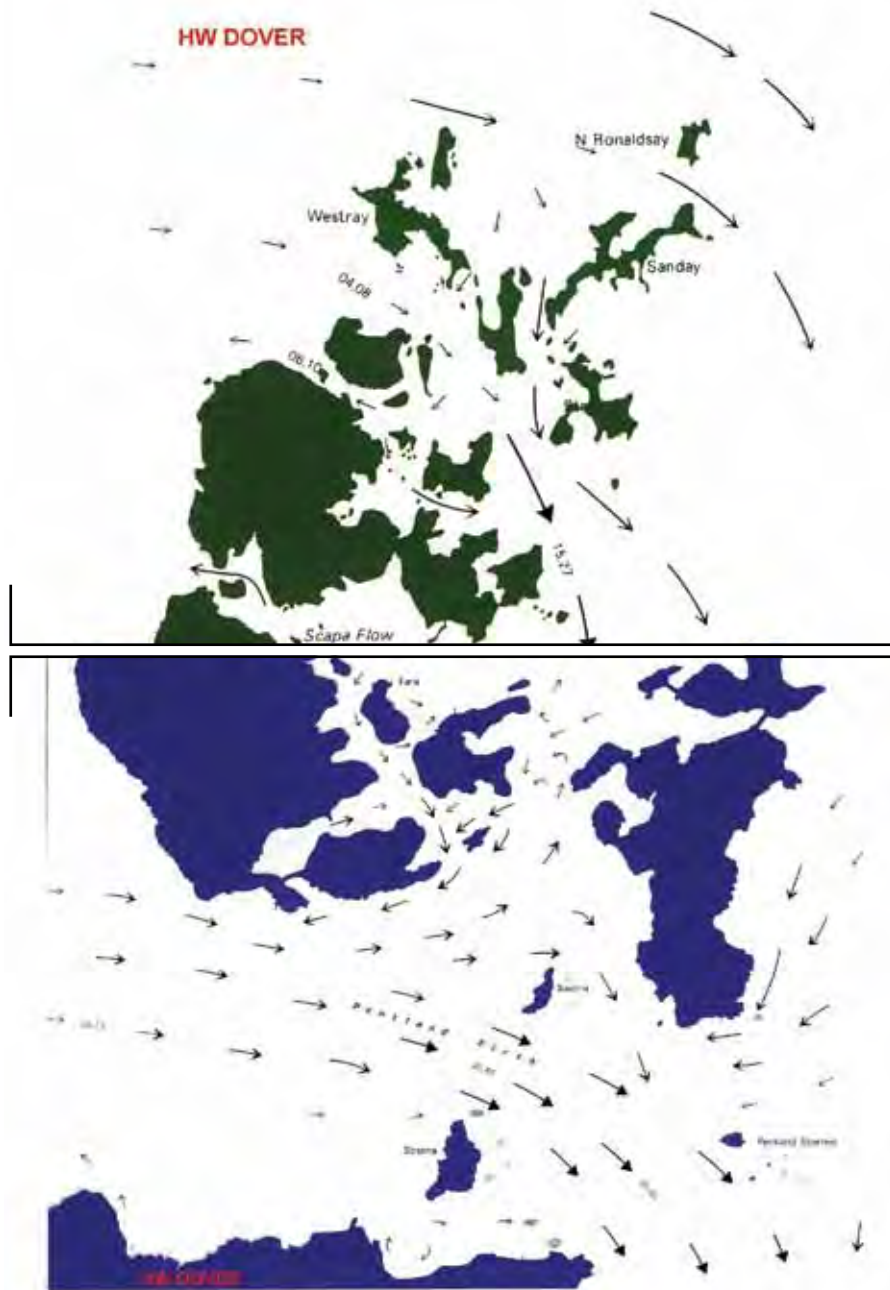
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1 HOUR BEFORE HW DOVER

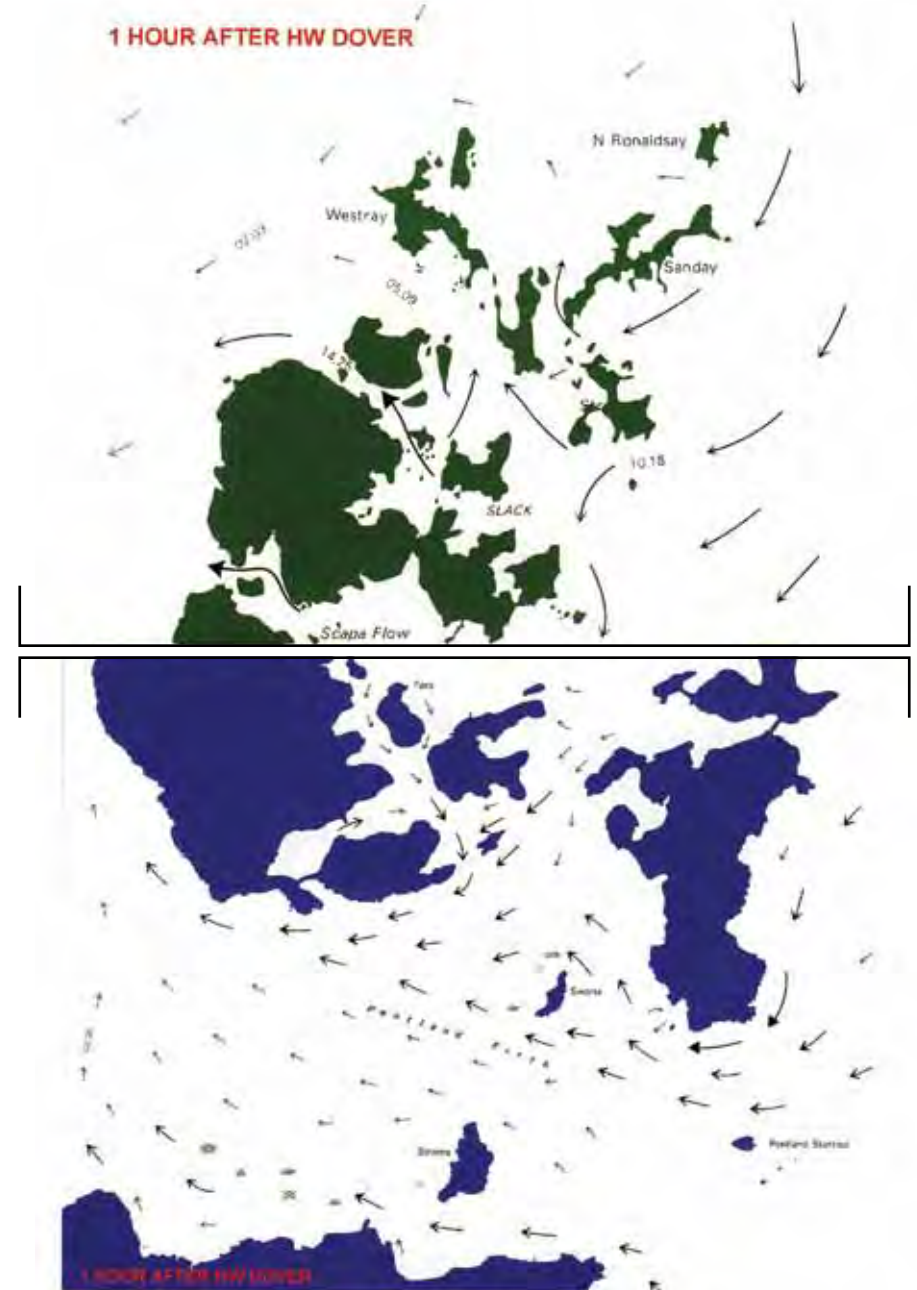


1 HOUR BEFORE HW DOVER

Tidal Atlas

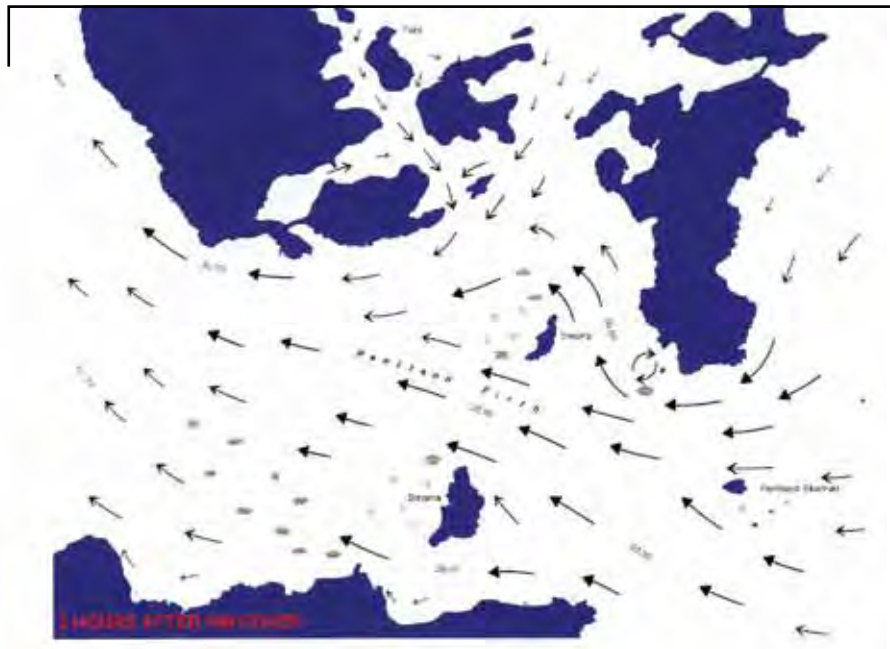


Tidal Atlas



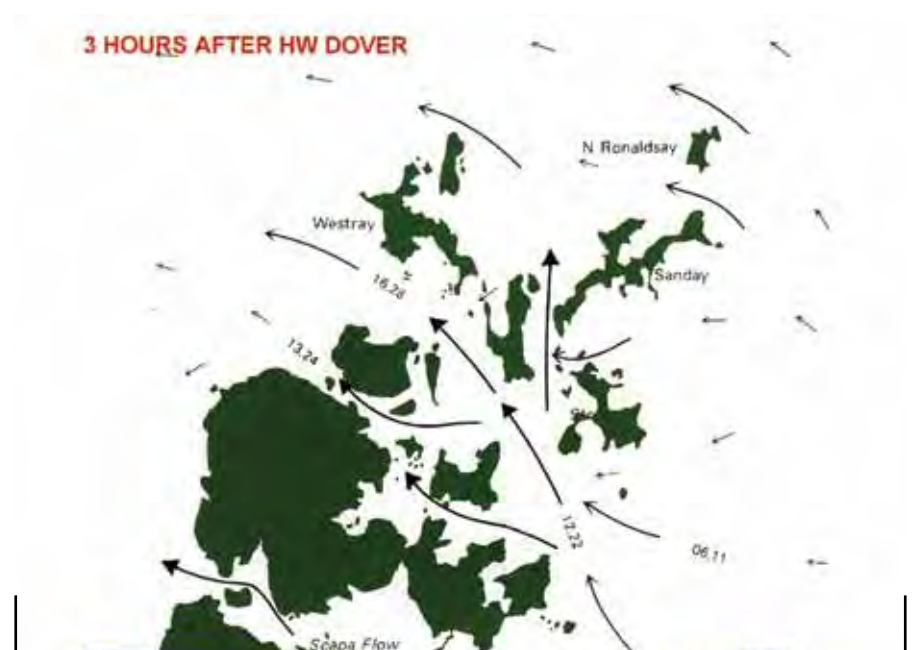
Tidal Atlas

2 HOURS AFTER HW DOVER



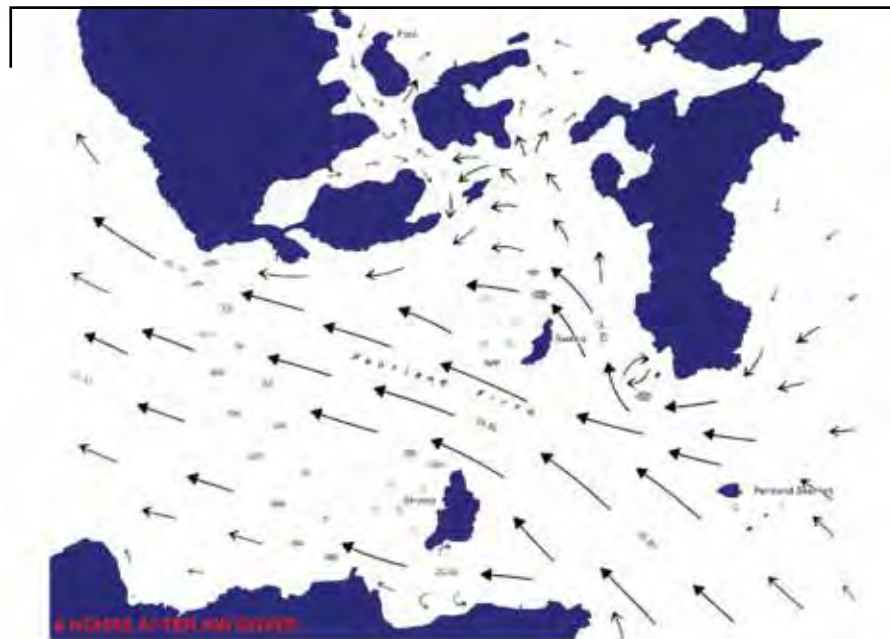
Tidal Atlas

3 HOURS AFTER HW DOVER



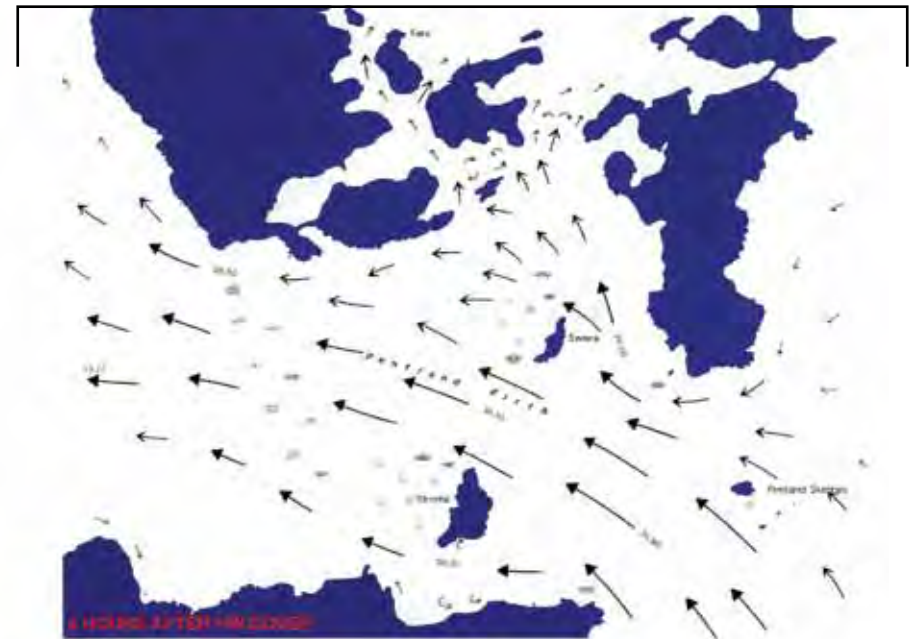
Tidal Atlas

4 HOURS AFTER HW DOVER



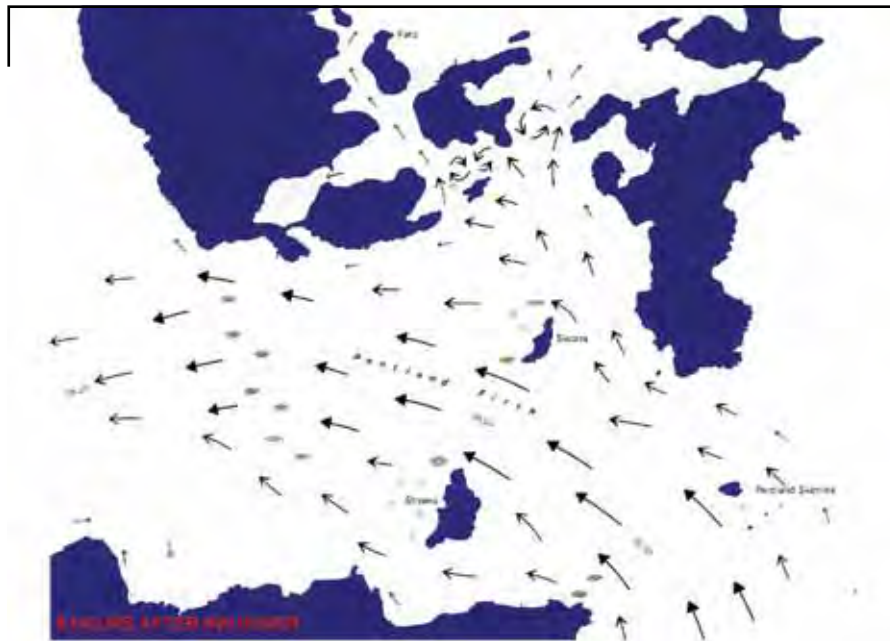
Tidal Atlas

5 HOURS AFTER HW DOVER



Tidal Atlas

6 HOURS AFTER HW DOVER



Pollution Prevention Guidelines

Marinas and Craft: PPG14

These guidelines provide general guidance to all who enjoy the use of waterways, estuaries and coastal waters, and are particularly relevant to users of powered boats and operators of boating support facilities. The information given is additional to any specific bye-laws or licensing conditions that apply to the waterway being used. They are jointly produced by the Environment Agency, the Scottish Environmental Protection Agency (SEPA) and the Environment and Heritage Service for Northern Ireland.

Copies of PPG14 are available via the SEPA website (www.SEPA.org.uk) and from the local SEPA office.

The Guidelines provide guidance on a range of topics including :-

- Fuels and oil
- Boat hull cleaning, painting and anti-fouling
- Fuel and oil facilities at marinas
- Sewage disposal at marinas
- Marina maintenance
- Fuels and oils on board craft
- Onboard sewage collection and disposal
- Waste from craft

Owners and operators are encouraged to pay heed to all the above but especially that relating to hull cleaning and painting where this is carried out at open slips or alongside piers.

All hull cleaning and paint removal must be authorised by the Harbour Authority. All removed paint must be treated as hazardous waste.

