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Beilagen

In den Beilagen finden Sie sämtliche Unterlagen, welche zur Lösung der Aufgaben vom Kapitel F und G verwendet werden können.

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9.18.5 PASSAGE INFORMATION

More Passage Information is threaded between successive harbours in this Area. **Bibliography:** *North Brittany and Channel Islands CC* (Wiley/Cumberlidge); *The Channel CC* (NDL/Featherstone & Aslett); *Channel Pilot* (NP 27). *Channel Havens* (ACN/Endean).

THE WEST COAST OF THE COTENTIN PENINSULA

This coast is exposed and often a lee shore (AC 3653, 3655, 3656, 3659). North of Carteret it is mostly rocky. Southward to Mont St Michel and W to St Malo the coast changes to extensive offshore shoals, sand dunes studded with rocks and a series of drying hbrs; there is little depth of water, so that a nasty sea can build.

► *The seas around this coast are dominated by powerful tidal streams rotating anti-clockwise; and a very large tidal range. In the Alderney Race the main English Channel tidal streams are rectilinear NE/SW. Tidal streams need to be worked carefully; neaps are best, particularly for a first visit. The Admiralty tidal stream atlas NP 264 covers the French coast and Channel Islands. The equivalent SHOM 562-UJA gives more details.* ◀

CAP DE LA HAGUE TO MONT ST MICHEL

Cap de La Hague is low-lying, but the ground rises steeply to the south. Between the coast and Gros du Raz It ho a difficult and narrow passage leads S to Gourey. It is sheltered when the Alderney Race is fully exposed, but is not for the inexperienced.

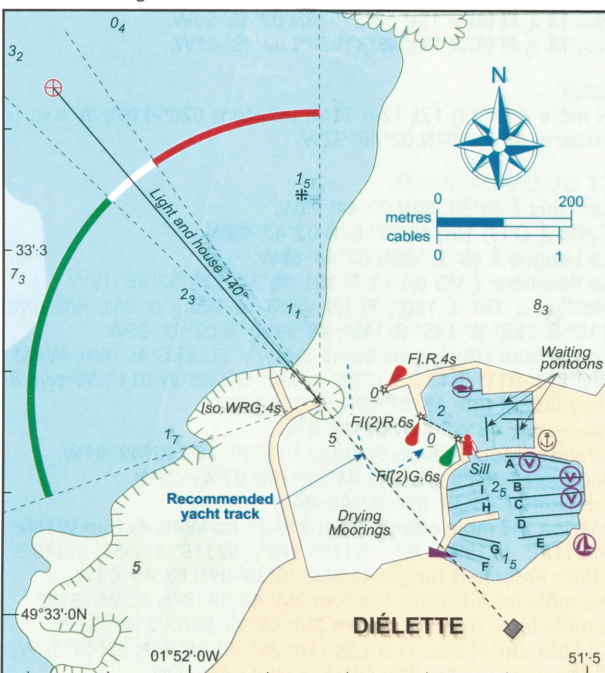
The high chimneys (279m, R lights) of the Jobourg nuclear plant are conspic 3-7M SE. CROSS Jobourg is adjacent.

5M S of Cap de la Hague beware Les Huquets de Jobourg, an extensive unmarked bank of drying (2-1m) and submerged rks, and Les Huquets de Vauville (5-4m) close SE of them.

The drying hbrs at **Gourey**, **Carteret** and **Portbail** are more readily accessible if cruising from S to N on the flood. The marinas at **Diélette** and **Carteret** are non-tidal. The former has H24 access for 1-5m draught if coefficient is <80.

Déroute de Terre and Passage de la Déroute are coastal chans, poorly marked, shallow in places and not advised at night.

Déroute de Terre (not shown on AC 2669 and 3655) passes W of Plateau des Trois Grunes; Basses de Portbail; La Basse du Sénéquet WCM buoy; Les Nattes WCM buoy; Roches d'Agon; E of La Cathéue SCM It buoy; E of Iles Chausey; and W of Pte du Roc (Granville). Between Granville and Iles Chausey it carries <1m in places, but with adequate rise of tide this is not a problem for small craft; the *Channel Pilot* gives directions.



Passage de la Déroute is used by ferries from the UK to St Malo. It passes W of Les Trois Grunes; between Basses de Taillepied and Les Écrehou; Chaussée des Boeufs and Plateau de l'Arconie; E of Les Minquiers and Les Ardentes; thence NW of Iles Chausey via Entrée de la Déroute, a side channel.

Granville has an excellent but very crowded half-tide marina. **Iles Chausey**, 8-3M WNW of Granville, is a popular and attractive archipelago. The Sound can be entered from the S or N with careful pilotage and sufficient rise of tide.

The drying expanse of Baie du Mont St Michel should not be entered by sea, but is an enjoyable visit from the mainland.

9.18.6 SPECIAL NOTES FOR FRANCE: see Area 17

MINOR HARBOUR CLOSE SOUTH OF CAP DE LA HAGUE

GOURY, Manche, 49°42'85N 01°56'83W. AC 1114, 3653, 5604.2; SHOM 7158, 5636, 7133 (essential). HW -0410 on Dover (UT); ML 5-1m. See Omonville-la-Rogue. For visitors, appr at slack water nps with no swell and good vis; a fair weather hbr only, dries to flattish shingle. At tidal diamond M, 1-3M W, the N-S stream reaches 9-7kn at sp, 5-8kn at nps.

Cap de la Hague (Gros du Raz) It ho is 0-5M NW of hbr; La Foraine WCM It bn is 1-0M to the W. 065° ldg lts, by day: Front W patch with R ■ at end of bkwr; rear, W pylon, lead between Diotret to S and Les Grios to N. ↓ W of the 2 ⊠ slips in 1-7m or dry out on shingle banks SE of the bkwr.

☎ 02-33-52-85-92. Facilities: R, ⊠ at Auderville (0-5M).

9.18.7 DIÉLETTE

Manche, 49°33'20N 01°51'79W

CHARTS AC 2669, 3653; SHOM 7158, 7133; Navi 528, 1014; Imray C33A

TIDES HW -0430 on Dover (UT); ML 5-4m

Standard Port ST MALO (→)

Times		Height (metres)					
High Water	Low Water	MHWS	MHWN	MLWN	MLWS		
0100	0800	0300	0800	12.2	9.3	4.2	1.5
1300	2000	1500	2000				

Differences DIÉLETTE

+0045	+0035	+0020	+0035	-2.5	-1.9	-0.7	-0.3
-------	-------	-------	-------	------	------	------	------

SHELTER Good in marina, but when retaining wall covers boats surge fore and aft; rig good springs. No entry in strong W'lies.

NAVIGATION WPT 49°33'45N 01°52'16W, 140°/650m to W bkwr It. Appr is exposed to W'ly winds/swell; 2kn cross tide at hbr ent. Caution: drying rks 3ca E of ⊕, marked by unlit WCM buoy. 1-5M WSW, keep seaward of WCM It buoy off Flamanville power stn. Outer hbr ent dredged CD +0.5m; with Coefficient <55 accessible for 2m draft. W side of outer hbr dries approx 5m.

LIGHTS AND MARKS Two power stn chys (69m) are conspic 1-2M to SW. A single conspic house on the skyline is aligned 140° with ent, in 10° W sector of Dir It 140°, W twr/G top at head of W bkwr.

COMMUNICATIONS CROSS 02-33-52-16-16; ⊠ 02-33-04-93-17; ☎ 08-92-68-08-50; Emergency 15; ⊕ 02-33-23-34-00; Brit Consul 01-44-51-31-00; Dr 02-33-52-99-00; HM VHF Ch 09, summer 0800-1300, 1400-2000LT, winter 0900-1200, 1330-1800LT; Aff Mar 02-33-23-36-00; YC 02-33-04-14-78; Tourist office ☎ 02-33-52-81-60.

FACILITIES Marina ☎ 02-33-53-68-78. portdielette@cc-lespieux.com www.cc-lespieux.fr 350+75 Ⓜ €3-00. Enter about HW±3 for 1-5m draft, over a sill with lifting gate 3-5m above CD; waiting pontoon outside. ⊕ berths 'A' pontoon and the E ends of 'B' (S side only) and 'C' (N side only). Rig stout springs to minimise surging around HW. D & P, ⚓, ⚙, BH (40 ton) ⊠; Ferry to Cl.

Village, basic foods, mkt Sun AM, ⊠, R. Flamanville 15 mins walk, ☎, ✉.

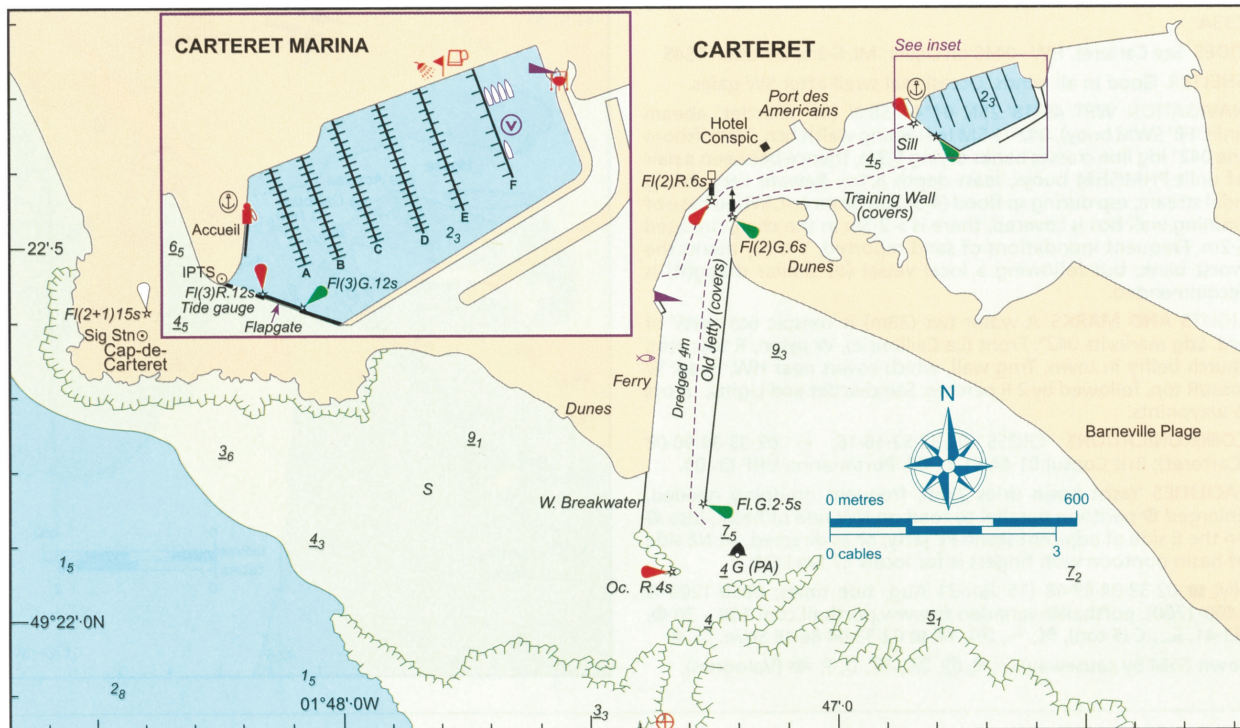
Les Pieux ☎, R, ⊠, ✉, ⊕. A third 1,750MW reactor is being built at Flamanville.

WGS84 DATUM

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9.18.8 CARTERET

Manche 49°22'·08N 01°47'·33W



CHARTS AC 2669, 3655; SHOM 7157, 7158, 7133; Navi 1014; Imray C33A

TIDES -0440 Dover; ML 5.9; Duration 0545

Standard Port ST MALO (→)

Times	Height (metres)			
	MHWS	MHWN	MLWN	MLWS
High Water	12.2	9.3	4.2	1.5
Low Water				
0100				
0800				
0300				
0800				
1300				
2000				
1500				
2000				

Differences CARTERET

+0030	+0020	+0015	+0030	-1.6	-1.2	-0.5	-0.2
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PORTBAIL

+0030	+0025	+0025	+0030	-0.8	-0.6	-0.2	-0.1
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ST GERMAIN-SUR-AY 49°13'·6N 01°39'·3W

+0025	+0025	+0035	+0035	-0.7	-0.5	0.0	+0.1
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LE SÉNÉQUET 49°05'·9N 01°41'·0W

+0015	+0015	+0025	+0025	-0.3	-0.3	+0.1	+0.1
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SHELTER Good in marina, but very crowded at weekends and in season. No safe $\frac{1}{2}$ s offshore.

NAVIGATION WPT 49°21'·86N 01°47'·36W, 006°/420m to W bkwr lt. From N/NW, keep well off shore on appr to avoid rks 1M N of Cap de Carteret extending about 7ca from coast. From W beware Trois Grune Rks (dry 1.6m), about 4M offshore, marked by WCM lt buoy. Appr dries $\frac{1}{2}$ M offshore and is exposed to fresh W/SW winds which can make ent rough. Caution: strong cross streams on the flood.

Best appr at HW-1 to avoid max tidal stream, $4\frac{1}{2}$ kn sp. The outer end of W bkwr covers at big springs. Bar, at right angles to W bkwr, dries 4m; a SHM buoy east of the W bkwr marks a shifting shoal patch. Best water is to port of a mid-channel course. The

chan dries progressively to firm sand, and is dredged to 4m and 4.5m just W of the marina.

LIGHTS AND MARKS Cap de Carteret, grey lt twr, G top, and conspic Sig stn are 8ca 295° from the ent. Breakwater and channel lts as chartlet. Marina sill is marked by PHM/SHM lt bcns, and Y poles on the retaining wall.

COMMUNICATIONS CROSS/☎ 02-33-52-16-16; ☎ 02-33-22-91-77; Auto 08-92-68-02-50; Police 02-33-53-80-17; ☎ 02-33-04-90-08; Brit Consul 01-44-51-31-00; ☎ (Valognes) 02-33-40-14-39; Signal station VHF 09, 16; Marina VHF Ch 09; Tourist Office 02-33-04-90-58.

FACILITIES Marina Access HW $\pm 2\frac{1}{2}$ for 1.5m draft over sill 5m; lifting flapgate retains 2.3m within. IPTS N side of marina ent control ent/exit (sigs 2 & 4). Cross the sill squarely, ie heading NE, to clear the concrete bases each side. ⚓rafted on E side only of 'F' pontoon (no need to stop at accueil pontoon).

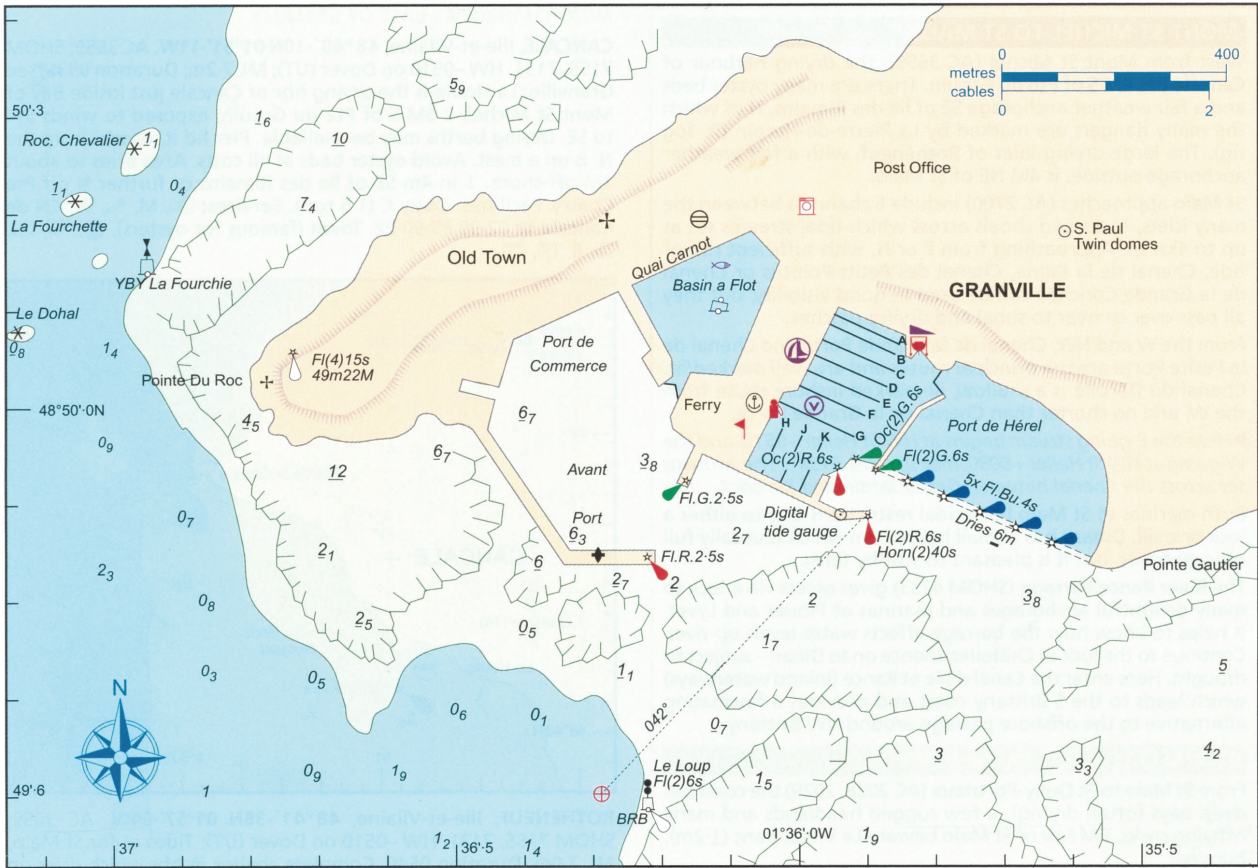
☎ 02-33-04-70-84. www.barneville-carteret.net barneville-carteret@wanadoo.fr 311 + 60 ⚓, €2.95 (Apr-Sep; discounts possible Mon-Thu). D & P at accueil pontoon (limited hrs, as posted on the pumps), BH (35 ton), C (24 ton), ⚓, ⚓. YC ☎ 02-33-52-60-73, Shwrs, ⚓, M, ⚓.

West quay Possible waiting berth clear of ferry, if too late for the marina. A 1.5m draft boat can stay afloat for 6 hrs np, 9 hrs sp. ⚓ free for 6 hrs then at 50% of marina rates. ⚓, Slip.

Other options: Dry out in the tiny Port des Américains and basin close W of marina (up to 5m at HW); or on fine sand SW of marina.

Town ⚓, ☎ & ☎, ⚓, Gaz, R, ⚓, ☎, ⚓, ⚓ (Valognes), ⚓ (Cherbourg). Ferry: Cherbourg, Jersey.

Central N France



Central N France

9.18.11 ÎLES CHAUSEY

Manche 48°52'·08N 01°49'·08W SHM By, S ent

CHARTS AC 3656, 3659; SHOM 7156, 7155, 7161, 7134; Navi 534, 535; Imray C33B

TIDES -0500 Dover; ML 7·4; Duration 0530

Standard Port ST MALO (→)

Times		Height (metres)			
High Water	Low Water	MHWS	MHWN	MLWN	MLWS
0100	0800	12·2	9·3	4·2	1·5
1300	2000	1500	2000		

Differences ÎLES CHAUSEY (Grande Île)

+0005	+0005	+0015	+0015	+0·8	+0·7	+0·6	+0·4
LES ARDENTES (48°58'N 01°52'W, 6M NNW of Grande Île)							
+0010	+0010	+0020	+0010	0·0	-0·1	0·0	-0·1

SHELTER Good except in strong NW or SE winds. Grande Île is privately owned, but may be visited; it is not a Port of Entry.

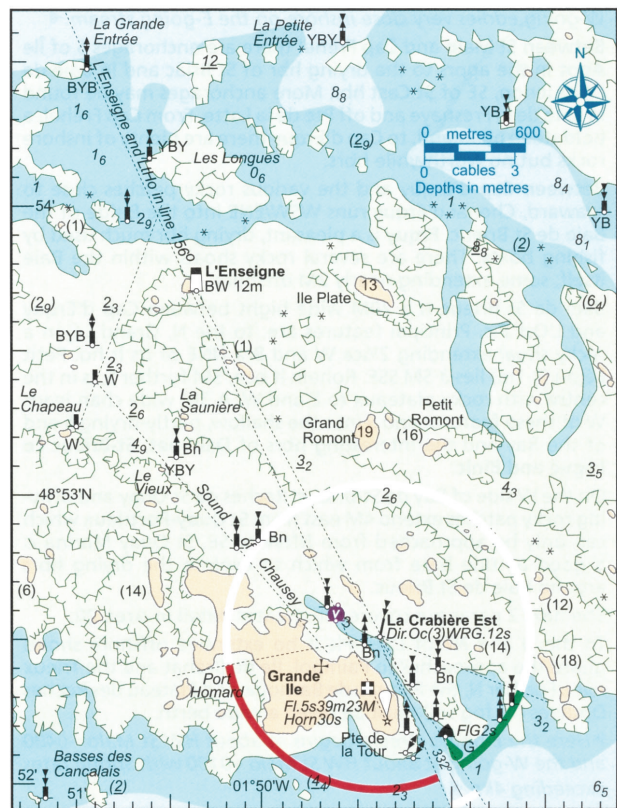
NAVIGATION WPT 48°51'·43N 01°48'·55W, 332°/1·1M to Crabière lt. In transit with L'Enseigne, W bn tr, B top, leads 332° to Sound. 1 SHM lt buoy, thence between unlit cardinal bns.

The N chan needs adequate ht of tide (max drying ht 5·3m), SHOM 7134, a good Pilot and/or local knowledge, plus careful pilotage. L'Enseigne ≠ Grande Île lt ho leads 156° to the N ent; thence follow charted dogleg. No access 1/4 - 30/6 to a bird sanctuary, ie all E of line from Grande Île lt ho to L'Enseigne bcn twr (except Aneret).

LIGHTS AND MARKS Grande Île lt ho is conspic. La Crabière lt is on blackish stilts with Y top. See chartlet and Lights, bys & w'points.

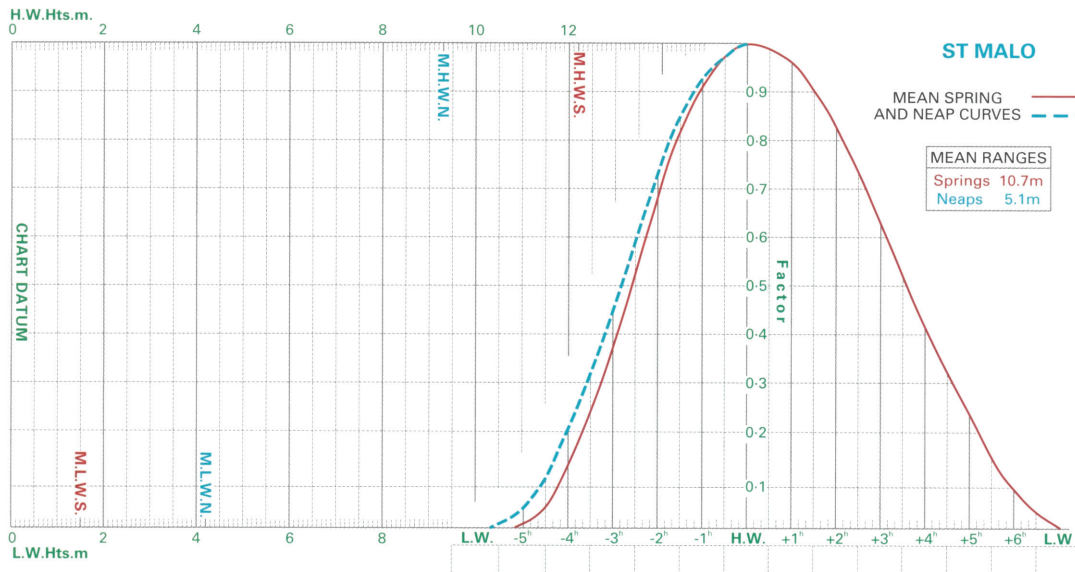
COMMUNICATIONS CROSS 02-33-52-16-16; 02-33-50-28-33; Auto 08-92-68-08-50; Police 02-33-52-72-02.

FACILITIES Moor fore-and-aft to W Os, free, in about 1·3m; some dry at sp. Very crowded w/ends in season, especially as drying out in Port Homard (W side of Grande Île) is discouraged. Tidal streams are moderate. **Village** (limited), Gaz, R, ☑.



St Malo and tides

WGS84 DATUM



LIGHTS AND MARKS See chartlets/Lights, buoys & waypoints for Idg lts/buoys. Conspic daymarks: Île de Cézembre, Le Grand Jardin Lt ho, Le Buron SHM twr, Petit and Grand Bé islets, the W Lt twr/R top on Mole des Noires head and St Malo cathedral spire.

COMMUNICATIONS CROSS

02-98-89-31-31; 02-99-46-10-46; Auto 08-92-68-08-35; Police 02-99-81-52-30; 02-99-81-65-90; Brit Consul 01-44-51-31-00; 02-99-56-56-19; Port HM 02-99-20-63-01, St Malo Port Ch 12; Aff Mar 02-99-56-87-00; Marinas VHF Ch 09.

FACILITIES Les Bas-Sablons Marina is entered over sill 2m. Access for 1.5m draft approx HW -3½ to +4½ sp; H24 at nps. 2 W waiting buoys outside. A conventional gauge on S bkwtr head shows depths <3m over sill. A large digital gauge on N side of marina is visible from all berths.

02-99-81-71-34. port.plaisance@ville-saint-malo.fr www.ville-saint-malo.fr 1216 + 64 V, €3.05. V berths on A pontoon: 32-66 (E side) and 43-75 (W side), and on B pontoon: 92-102 and 91-101. C (2.5 ton), BH (20 ton), Gaz, P & D pontoon 'I'; use French credit card or pay at office. St Malo/St Servan: Gaz, R, YC, P & D pontoon 'I'; use Ferry: Portsmouth, Poole, Weymouth.

Bassin Vauban (6m) is entered by lock; help given with warps. Outside the lock 3 waiting buoys are N of appr chan; keep clear of vedette and ferry berths.

Lock times may vary with traffic & tides. Lock is scheduled to operate 5 or 6 times in each direction, ie:

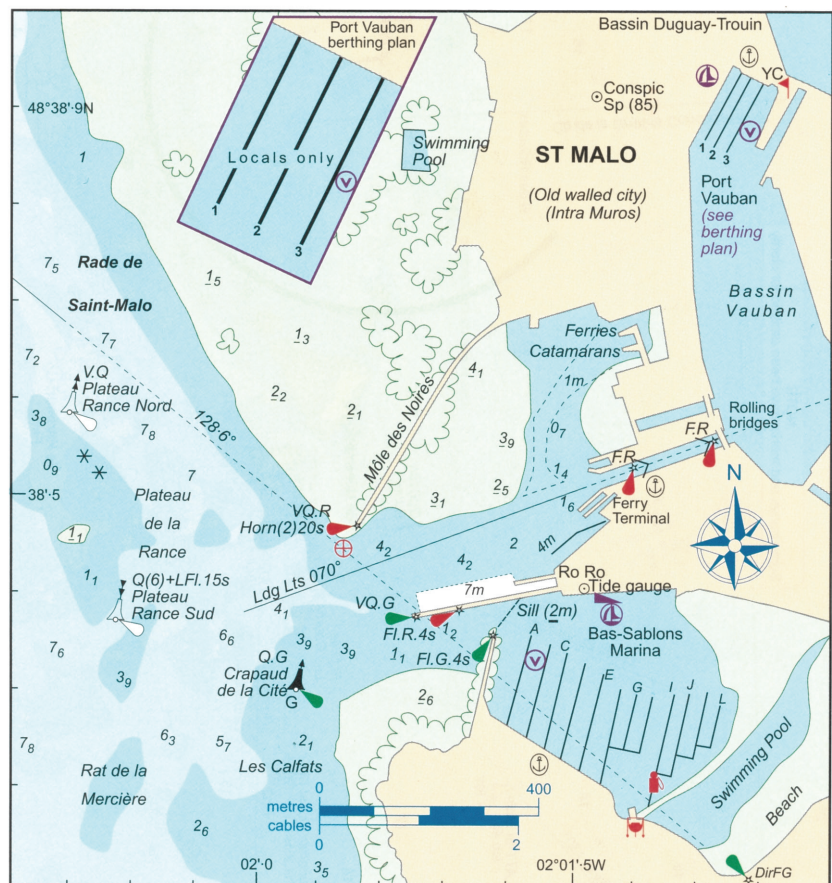
Inward	-2½	-1½	-½	+½	+1½	+2½
Outward	-2	-1	HW	+1	+2	

Lock sigs are IPTS Nos 2, 3 and 5. In addition:

● next to the top lt = both lock gates are open, ie freeflow, beware current initially. Main message is the same. Freeflow is rare due to busy road traffic over retracting roller bridges.

● over ● = all movements prohib, big ship is outbound.

Port Vauban 02-99-56-51-91 portplaisancevauban@saint-malo.



cci.fr www.saint-malo.cci.fr 175 + 50 V, €3.13. V E side of pontoon No 3 or larger yachts on wall in front of YC; no fingers; no turning room between pontoons 1-3. No ⚓ in basins; 3kn speed limit. C (1 ton). YC 02-99-40-84-42, V welcome. Bassin Duguay-Trouin is better for long stay.

DINARD Access by 1m marked chan to yacht basin 2m; see inset overleaf (many local boats; best to pre-arrange). Poss trot moorings. HM 02-99-46-65-55. ⚓, M €2.30 (afloat), €1.56 (drying). P&D, YC 02-99-46-14-32, R, Town, Gaz, R, 02-99-46-18-68. Ferries to St Malo.

AREA 18 – Central N France

ST MALO LAT 48°38'N LONG 2°02'W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

Dates in **red** are **SPRINGS**
Dates in **blue** are **NEAPS**

YEAR 2014

STANDARD TIME UT -01
Subtract 1 hour for UT
For French Summer Time add
ONE hour in non-shaded areas

JANUARY		FEBRUARY		MARCH		APRIL	
Time	m	Time	m	Time	m	Time	m
1 0108 1.7		16 0142 2.4		1 0141 1.0		1 0251 0.7	
0635 12.2		0711 11.4		0702 12.8		0807 12.9	
W 1337 1.3		TH 1405 2.3		SA 1408 0.5		TU 1510 0.7	
● 1903 12.2		○ 1935 11.3		● 1928 12.7		○ 1922 11.7	
2 0203 1.3		17 0218 2.2		2 0231 0.5		2 0328 0.9	
0726 12.7		0745 11.6		0748 13.2		0844 12.6	
TH 1432 0.9		F 1440 2.1		SU 1456 0.2		W 1544 1.1	
1953 12.6		2007 11.4		2011 13.0		2059 12.4	
3 0255 1.0		18 0253 2.1		3 0315 0.4		3 0359 1.4	
0814 13.0		0817 11.7		0830 13.3		0918 12.0	
F 1523 0.6		SA 1514 2.1		M 1537 0.3		TH 1614 1.7	
2041 12.7		2039 11.4		M 2051 12.9		2132 11.8	
4 0343 0.9		19 0325 2.1		4 0353 0.6		4 0428 2.0	
0901 13.0		0848 11.7		0909 13.0		0951 11.3	
SA 1610 0.7		SU 1545 2.2		TU 1613 0.7		F 1642 2.5	
2127 12.5		2109 11.4		2127 12.5		2203 11.1	
5 0427 1.1		20 0355 2.3		5 0426 1.1		5 0457 2.8	
0946 12.6		0919 11.6		0944 12.3		1023 10.4	
SU 1654 1.1		M 1614 2.3		W 1645 1.5		SA 1709 3.3	
2210 12.0		2140 11.1		2200 11.9		2235 10.3	
6 0511 1.7		21 0424 2.5		6 0458 2.0		6 0526 3.6	
1029 12.0		0950 11.3		1018 11.4		1059 9.5	
M 1735 1.7		TU 1643 2.6		TH 1714 2.4		SU 1742 4.2	
2253 11.4		2210 10.8		2232 11.0		2314 9.4	
7 0551 2.4		22 0455 2.9		7 0527 2.9		7 0604 4.4	
1113 11.2		1022 10.8		1051 10.4		1148 8.7	
TU 1816 2.6		W 1714 3.0		F 1742 3.4		M 1831 4.9	
2337 10.6		2243 10.3		2306 10.1		● 2237 10.6	
8 0633 3.2		23 0530 3.3		8 0558 3.8		8 0014 8.6	
1200 10.3		1057 10.3		1130 9.4		0707 5.0	
W 1901 3.4		TH 1751 3.5		SA 1818 4.2		TU 1322 8.2	
● 2322 9.8		2322 9.8		● 2349 9.2		1953 5.2	
9 0027 9.8		24 0612 3.8		9 0643 4.6		9 0158 8.4	
0724 3.9		1143 9.8		1230 8.6		0849 5.0	
TH 1259 9.6		● 1838 3.9		SU 1916 4.9		W 1504 8.5	
1955 4.0		● 2322 9.8		● 2349 9.2		2131 5.0	
10 0133 9.3		25 0017 9.4		10 0106 8.5		10 0324 8.8	
0830 4.3		0710 4.2		0801 5.1		1013 4.5	
F 1418 9.1		SA 1249 9.4		M 1425 8.2		TH 1607 9.1	
2103 4.3		1944 4.2		2051 5.1		2240 4.3	
11 0256 9.2		26 0137 9.2		11 0301 8.5		11 0422 9.5	
0947 4.3		0829 4.2		0948 4.9		1111 3.8	
SA 1539 9.2		SU 1417 9.3		TU 1555 8.7		F 1654 9.9	
2219 4.1		2113 4.1		2223 4.7		2332 3.5	
12 0410 9.6		27 0307 9.5		12 0415 9.1		12 0507 10.3	
1059 3.9		0959 3.8		1102 4.2		1159 3.1	
SU 1645 9.7		M 1544 9.7		W 1650 9.4		SA 1735 10.6	
2324 3.7		2241 3.5		2325 3.9		2322 2.8	
13 0507 10.1		28 0424 10.3		13 0505 9.9		13 0018 2.8	
1157 3.4		1115 2.9		1155 3.4		0549 10.9	
M 1737 10.2		TU 1657 10.5		TH 1733 10.2		SU 1242 2.5	
		2350 2.6		F 1731 11.3		1813 11.2	
14 0017 3.2		29 0529 11.2		14 0014 3.2		14 0100 2.3	
0554 10.7		1224 2.0		0546 10.6		0628 11.5	
TU 1245 2.9		W 1759 11.4		F 1239 2.8		M 1323 2.0	
1821 10.7				1812 10.9		1850 11.7	
15 0102 2.8		30 0055 1.8		15 0056 2.6		15 0141 1.9	
0635 11.1		0625 12.1		0624 11.2		0705 11.9	
W 1327 2.5		TH 1326 1.2		SA 1320 2.3		TU 1402 1.7	
1859 11.0		● 1854 12.1		1848 11.4		○ 1926 12.0	
		31 0154 1.1		31 0209 0.8			
		0716 12.8		0726 12.8			
		F 1423 0.6		M 1432 0.6			
		1944 12.7		1947 12.7			

Chart Datum is 6-29 metres below IGN Datum. HAT is 13-6 metres above Chart Datum.

St Malo tides

STANDARD TIME UT -01
Subtract 1 hour for UT
For French Summer Time add
ONE hour in non-shaded areas

ST MALO LAT 48°38'N LONG 2°02'W
TIMES AND HEIGHTS OF HIGH AND LOW WATERS

Dates in **red** are **SPRINGS**
Dates in **blue** are **NEAPS**

YEAR 2014

MAY		JUNE		JULY		AUGUST						
Time	m	Time	m	Time	m	Time	m					
1	0259 1.5	16	0235 1.4	1	0340 2.3	16	0354 1.1	1	0428 2.7	16	0529 2.0	
	0819 12.0		0756 12.1		0906 11.1		0914 12.2		0957 10.9		1047 11.4	
	TH 1513 1.7		F 1457 1.5		SU 1551 2.6		M 1614 1.5		F 1639 2.9		SA 1743 2.6	
	2032 12.0		2015 12.3		2116 11.2		2134 12.4		2207 10.9		2306 10.9	
2	0331 1.8	17	0318 1.4	2	0411 2.7	17	0440 1.4	2	0456 3.0	17	0604 3.0	
	0854 11.7		0837 12.1		0939 10.7		1001 11.9		1027 10.5		1126 10.5	
	F 1544 2.0		SA 1537 1.6		M 1622 3.0		TU 1659 1.9		SA 1710 3.3		SU 1822 3.5	
	2105 11.7		2056 12.2		2149 10.8		2221 11.9		2239 10.4		⊙ 2351 9.9	
3	0402 2.2	18	0400 1.5	3	0441 3.1	18	0526 1.8	3	0529 3.5	18	0645 3.9	
	0926 11.1		0921 11.9		1014 10.2		1049 11.4		1102 10.0		1215 9.6	
	SA 1614 2.6		SU 1618 1.9		TU 1653 3.5		W 1745 2.4		SU 1748 3.8		M 1912 4.3	
	2137 11.1		2140 11.9		2224 10.3		2310 11.3		2319 9.9			
4	0432 2.8	19	0443 1.8	4	0513 3.6	19	0614 2.4	4	0610 3.9	19	0054 9.1	
	0959 10.5		1006 11.4		1051 9.7		1139 10.8		1148 9.6		0743 4.5	
	SU 1643 3.2		M 1701 2.4		W 1728 4.0		TH 1835 3.0		M 1838 4.2		TU 1329 9.0	
	2210 10.5		2227 11.3		2304 9.7		⊙		⊙		2030 4.7	
5	0501 3.4	20	0529 2.4	5	0551 4.0	20	0004 10.6	5	0600 3.8	20	0029 10.1	
	1035 9.8		1057 10.8		1136 9.3		0706 2.9		1142 9.5		0726 3.6	
	M 1715 3.9		TU 1750 3.0		TH 1813 4.4		F 1235 10.2		SA 1824 4.2		SU 1258 9.8	
	2247 9.8		2321 10.7		⊙ 2354 9.3		⊙		⊙		1956 4.0	
6	0536 4.1	21	0622 2.9	6	0640 4.4	21	0106 10.1	6	0002 9.5	21	0137 9.4	
	1118 9.1		1155 10.2		1235 9.0		0805 3.4		0650 4.2		0829 4.1	
	TU 1756 4.5		W 1849 3.5		F 1911 4.6		SA 1341 9.8		SU 1240 9.3		M 1413 9.4	
	2336 9.1		⊙		2039 3.7		2039 3.7		1922 4.4		2111 4.2	
7	0624 4.6	22	0025 10.2	7	0059 9.1	22	0218 9.8	7	0108 9.3	22	0300 9.3	
	1221 8.6		0726 3.3		0743 4.5		0912 3.6		0754 4.3		0943 4.2	
	W 1856 5.0		TH 1305 9.8		SA 1348 9.0		SU 1455 9.8		M 1353 9.3		TU 1534 9.5	
	⊙		2001 3.7		2023 4.6		2150 3.7		2037 4.3		2228 4.0	
8	0047 8.7	23	0140 9.9	8	0213 9.2	23	0332 9.9	8	0224 9.4	23	0415 9.5	
	0733 4.8		0838 3.4		0858 4.3		1021 3.5		0914 4.1		1055 3.9	
	TH 1347 8.5		F 1422 9.8		SU 1458 9.3		M 1604 10.1		TU 1508 9.6		W 1641 10.0	
	2018 5.0		2116 3.6		2136 4.2		2258 3.4		2156 3.9		2333 3.5	
9	0212 8.7	24	0257 10.1	9	0320 9.6	24	0436 10.2	9	0337 9.8	24	0514 10.0	
	0903 4.7		0951 3.2		1011 3.8		1125 3.2		1031 3.6		1155 3.4	
	F 1504 8.9		SA 1535 10.1		M 1559 9.9		TU 1702 10.5		W 1615 10.2		TH 1733 10.5	
	2137 4.6		2227 3.2		2241 3.6		2357 3.0		2304 3.2			
10	0322 9.2	25	0404 10.4	10	0419 10.2	25	0531 10.5	10	0442 10.4	25	0026 3.1	
	1012 4.1		1058 2.9		1113 3.2		1220 2.9		1137 2.9		0602 10.5	
	SA 1602 9.6		SU 1636 10.6		TU 1652 10.6		W 1752 10.9		TH 1715 11.0		F 1245 3.0	
	2238 3.9		2330 2.8		2339 2.9						1818 11.0	
11	0417 9.9	26	0502 10.9	11	0513 10.8	26	0048 2.7	11	0007 2.5	26	0111 2.7	
	1107 3.5		1158 2.5		1208 2.6		0619 10.8		0542 11.1		0644 10.9	
	SU 1650 10.3		M 1728 11.1		W 1742 11.2		TH 1306 2.7		F 1237 2.3		SA 1327 2.6	
	2330 3.2				1836 11.2		1836 11.2		1809 11.7		● 1857 11.3	
12	0506 10.6	27	0026 2.4	12	0034 2.3	27	0131 2.5	12	0107 1.8	27	0151 2.4	
	1157 2.8		0553 11.2		0604 11.3		0702 11.1		0637 11.7		0721 11.2	
	M 1734 11.0		TU 1249 2.3		TH 1302 2.1		F 1347 2.5		SA 1335 1.7		SU 1405 2.4	
			1815 11.5		1829 11.8		● 1915 11.4		⊙ 1901 12.3		1932 11.6	
13	0019 2.6	28	0114 2.2	13	0127 1.8	28	0210 2.3	13	0204 1.3	28	0227 2.3	
	0551 11.1		0639 11.4		0653 11.8		0740 11.2		0728 12.2		0755 11.3	
	TU 1245 2.3		W 1333 2.1		F 1353 1.7		SA 1424 2.4		SU 1429 1.3		M 1440 2.3	
	1815 11.5		● 1856 11.7		⊙ 1915 12.2		1951 11.5		1950 12.8		2005 11.7	
14	0106 2.1	29	0155 2.0	14	0218 1.4	29	0246 2.3	14	0257 0.9	29	0301 2.2	
	0634 11.6		0720 11.5		0740 12.1		0815 11.2		0817 12.5		0827 11.4	
	W 1331 1.9		TH 1411 2.1		SA 1442 1.5		SU 1458 2.3		M 1519 1.0		TU 1512 2.3	
	⊙ 1856 11.9		1934 11.7		2001 12.5		2024 11.5		2038 13.0		2036 11.7	
15	0152 1.7	30	0232 2.0	15	0307 1.2	30	0320 2.3	15	0347 0.7	30	0333 2.2	
	0715 11.9		0758 11.5		0827 12.3		0847 11.2		0904 12.6		0857 11.4	
	TH 1415 1.6		F 1446 2.1		SU 1529 1.4		M 1532 2.4		TU 1605 1.0		W 1542 2.3	
	1935 12.2		2009 11.7		2047 12.6		2056 11.4		2123 12.9		2106 11.6	
		31	0306 2.1							31	0400 2.4	
			0833 11.3								0927 11.2	
			SA 1519 2.3								TH 1610 2.6	
			2043 11.5								2136 11.3	
											31	
												0432 2.7
												0958 11.0
												SU 1646 2.9
												2212 10.8

Chart Datum is 6-29 metres below IGN Datum. HAT is 13-6 metres above Chart Datum.

AREA 18 – Central N France

ST MALO LAT 48°38'N LONG 2°02'W
TIMES AND HEIGHTS OF HIGH AND LOW WATERS

Dates in red are **SPRINGS**
Dates in blue are **NEAPS**

YEAR 2014

STANDARD TIME UT -01
Subtract 1 hour for UT
For French Summer Time add
ONE hour in non-shaded areas

SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
Time	m	Time	m	Time	m	Time	m
1 0503 3.2	16 0605 4.1	1 0524 3.7	16 0618 4.8	1 0042 9.4	16 0126 8.6	1 0142 9.8	16 0123 8.8
1031 10.4	1135 9.6	1055 10.1	1159 8.9	0733 4.3	0758 5.1	0836 3.8	0757 4.8
M 1721 3.5	TU 1829 4.5	W 1752 3.8	TH 1853 5.0	SA 1325 9.6	SU 1353 8.7	M 1418 10.0	TU 1350 8.9
2249 10.2	☉	☉ 2325 9.6		2021 3.9	2045 4.9	2113 3.4	2034 4.7
2 0542 3.8	17 0012 8.9	2 0618 4.2	17 0100 8.4	2 0214 9.5	17 0248 8.8	2 0259 10.0	17 0240 9.0
1114 9.8	0658 4.8	1202 9.4	0734 5.3	0904 4.0	0920 4.8	0950 3.4	0915 4.6
TU 1808 4.0	W 1244 8.8	TH 1859 4.3	F 1336 8.5	SU 1451 10.0	M 1507 9.1	TU 1532 10.3	W 1504 9.2
☉ 2341 9.5	1941 5.0	2031 5.1		2144 3.4	2158 4.4	2225 3.0	2155 4.2
3 0635 4.3	18 0154 8.4	3 0050 9.1	18 0243 8.5	3 0332 10.2	18 0348 9.5	3 0405 10.5	18 0345 9.6
1219 9.3	0826 5.2	0741 4.5	0912 5.1	1020 3.3	1023 4.2	1059 2.9	1023 4.0
W 1915 4.4	TH 1431 8.7	F 1342 9.3	SA 1506 8.9	M 1601 10.7	TU 1604 9.7	W 1635 10.8	TH 1659 9.8
	2126 4.9	2036 4.2	2157 4.6	2255 2.6	2253 3.7	2329 2.6	2256 3.6
4 0104 9.1	19 0329 8.8	4 0235 9.3	19 0350 9.2	4 0434 11.0	19 0435 10.2	4 0502 11.1	19 0438 10.3
0756 4.5	1000 4.8	0926 4.1	1023 4.4	1126 2.5	1115 3.5	1159 2.4	1122 3.3
TH 1357 9.2	F 1552 9.2	SA 1515 9.9	SU 1605 9.6	TU 1659 11.5	W 1651 10.4	TH 1729 11.3	F 1659 10.5
2053 4.3	2243 4.3	2206 3.5	2255 3.9	2356 1.9	2341 3.1		2350 3.0
5 0247 9.3	20 0430 9.5	5 0355 10.1	20 0437 9.9	5 0527 11.7	20 0518 10.9	5 0025 2.2	20 0527 11.0
0939 4.1	1105 4.0	1043 3.2	1115 3.7	1224 1.9	1202 2.8	0552 11.6	1215 2.6
F 1531 9.8	SA 1646 10.0	SU 1625 10.8	M 1651 10.3	W 1750 12.1	TH 1735 11.0	F 1252 2.1	SA 1748 11.1
2222 3.5	2337 3.5	2318 2.5	2342 3.2			1818 11.6	
6 0410 10.1	21 0514 10.2	6 0457 11.1	21 0518 10.7	6 0051 1.5	21 0026 2.6	6 0113 2.0	21 0041 2.4
1059 3.2	1154 3.3	1149 2.3	1200 3.0	0614 12.2	0558 11.4	0637 11.9	0612 11.6
SA 1642 10.8	SU 1728 10.7	M 1722 11.8	TU 1732 11.0	TH 1316 1.5	F 1247 2.3	SA 1338 1.9	SU 1306 2.0
2334 2.5				☉ 1837 12.4	1816 11.5	☉ 1902 11.8	1835 11.6
7 0514 11.1	22 0021 2.9	7 0020 1.6	22 0024 2.7	7 0138 1.3	22 0110 2.2	7 0156 1.9	22 0131 1.9
1206 2.3	0553 10.9	0550 12.0	0555 11.3	0658 12.5	0637 11.8	0718 12.0	0656 12.0
SU 1740 11.8	M 1237 2.7	TU 1247 1.5	W 1241 2.5	F 1401 1.3	SA 1330 2.0	SU 1419 1.8	M 1356 1.6
	1806 11.3	1813 12.6	1810 11.5	1920 12.5	● 1856 11.8	1943 11.8	● 1920 12.0
8 0038 1.6	23 0101 2.4	8 0115 1.0	23 0104 2.3	8 0220 1.3	23 0153 1.9	8 0233 1.9	23 0219 1.6
0609 12.0	0629 11.4	0637 12.6	0631 11.7	0738 12.5	0715 12.1	0756 12.0	0740 12.4
M 1307 1.4	TU 1316 2.3	W 1340 1.0	TH 1320 2.1	SA 1441 1.4	SU 1413 1.7	M 1455 1.9	TU 1404 1.3
1832 12.7	1842 11.7	☉ 1859 13.0	● 1846 11.8	2000 12.3	1935 12.0	2020 11.7	2005 12.2
9 0136 0.9	24 0137 2.1	9 0204 0.7	24 0141 2.0	9 0257 1.5	24 0234 1.8	9 0308 2.1	24 0306 1.4
0659 12.7	0703 11.7	0721 12.9	0706 12.0	0815 12.3	0753 12.2	0831 11.8	0825 12.6
TU 1401 0.9	W 1351 2.1	TH 1426 0.8	F 1358 1.9	SU 1516 1.7	M 1454 1.6	TU 1529 2.1	W 1531 1.2
☉ 1920 13.2	● 1915 12.0	1942 13.1	1921 12.0	2037 12.0	2014 12.1	2055 11.4	2050 12.3
10 0227 0.4	25 0211 2.0	10 0247 0.7	25 0218 1.9	10 0330 1.9	25 0313 1.8	10 0341 2.4	25 0351 1.4
0744 13.1	0735 11.9	0802 12.9	0739 12.1	0850 12.0	0832 12.2	0905 11.5	0909 12.5
W 1449 0.6	TH 1425 1.9	F 1507 0.9	SA 1434 1.8	M 1550 2.1	TU 1535 1.7	W 1630 2.5	TH 1616 1.3
2004 13.4	1947 12.1	2022 12.9	1954 12.1	2112 11.5	2055 11.9	2128 11.0	2135 12.1
11 0312 0.4	26 0244 1.9	11 0325 1.1	26 0252 1.9	11 0402 2.5	26 0353 2.0	11 0414 2.8	26 0434 1.7
0827 13.1	0805 12.0	0839 12.6	0811 12.1	0924 11.4	0914 12.0	0939 11.1	0955 12.2
TH 1531 0.6	F 1456 1.9	SA 1542 1.3	SU 1509 1.8	TU 1621 2.7	W 1617 1.9	TH 1634 3.0	F 1701 1.6
2046 13.2	2018 12.1	2059 12.4	2028 12.0	2147 10.8	2139 11.6	2202 10.5	2221 11.7
12 0352 0.7	27 0314 2.0	12 0358 1.6	27 0326 2.0	12 0433 3.1	27 0435 2.4	12 0445 3.3	27 0519 2.1
0906 12.8	0835 11.9	0914 12.1	0845 12.0	0958 10.7	0959 11.5	1013 10.5	1042 11.6
F 1608 1.1	SA 1527 2.0	SU 1616 2.0	M 1543 2.1	W 1653 3.4	TH 1701 2.4	F 1705 3.5	SA 1746 2.1
2124 12.7	2048 11.9	2134 11.7	2103 11.8	2223 10.1	2226 11.0	2237 9.9	2309 11.1
13 0428 1.3	28 0343 2.2	13 0429 2.4	28 0359 2.3	13 0506 3.8	28 0520 2.9	13 0517 3.9	28 0605 2.7
0942 12.2	0905 11.7	0948 11.4	0921 11.6	1035 10.0	1049 10.9	1049 9.9	1132 11.0
SA 1643 1.8	SU 1557 2.2	M 1645 2.7	TU 1619 2.4	TH 1727 4.0	F 1750 2.9	SA 1738 4.0	SU 1834 2.7
2200 11.9	2119 11.6	2209 10.8	2142 11.3	2304 9.4	2320 10.4	2318 9.4	☉
14 0459 2.2	29 0413 2.5	14 0458 3.3	29 0436 2.8	14 0545 4.5	29 0614 3.4	14 0557 4.4	29 0001 10.4
1017 11.4	0936 11.3	1022 10.6	1001 11.1	1121 9.3	1148 10.3	1133 9.4	0658 3.3
SU 1713 2.7	M 1629 2.7	TU 1716 3.6	W 1659 2.9	F 1812 4.6	SA 1849 3.3	SU 1821 4.4	M 1230 10.3
2236 10.9	2152 11.1	2246 9.8	2226 10.6	☉	☉	☉	1930 3.3
15 0529 3.2	30 0445 3.0	15 0531 4.1	30 0518 3.4	15 0002 8.8	30 0025 9.9	15 0011 9.0	30 0104 9.9
1052 10.5	1011 10.7	1102 9.7	1050 10.4	0640 5.0	0719 3.8	0649 4.7	0801 3.7
M 1746 3.6	TU 1705 3.2	W 1754 4.4	TH 1748 3.5	SA 1227 8.8	SU 1300 10.0	M 1233 9.0	TU 1340 9.9
2316 9.8	2231 10.4	☉ 2335 9.0	2323 9.9	1916 5.0	1958 3.5	1920 4.7	2036 3.6
			31 0614 4.0				31 0219 9.7
			1157 9.8				0914 3.8
			F 1855 3.9				W 1459 9.8
			☉				2150 3.6

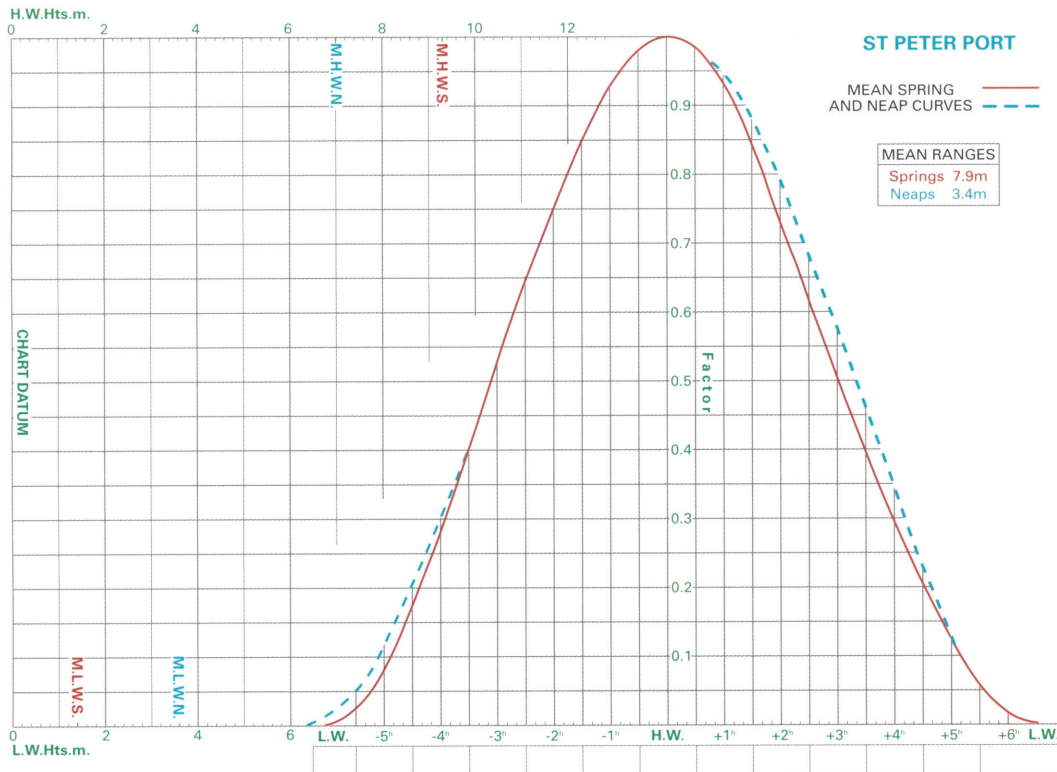
Central N France

Chart Datum is 6-29 metres below IGN Datum. HAT is 13-6 metres above Chart Datum.

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St Peter Port

WGS84 DATUM



CHARTS AC 3654, 808, 807, 3140, 5604.10/11; SHOM 7159, 6903, 6904; Navi 1014; Imray C33A, 2500

TIDES -0439 Dover; ML 5-2; Duration 0550
NOTE: St Peter Port is a Standard Port (→).

To find depth of water over the sill into Victoria Marina:

1. Look up predicted time and height of HW St Peter Port.
2. Enter table below on the line for height of HW.
3. Extract depth (m) of water for time before/after HW.

Ht (m) of HW St Peter Port	Depth of water in metres over the sill (dries 4-2 m)							
	HW	±1hr	±2hrs	±2½hrs	±3hrs	±3½hrs	±4hrs	
6:20	1.85	1.67	1.30	1.03	0.75	0.47	0.20	
.60	2.25	2.00	1.50	1.13	0.75	0.37	-	
7:00	2.65	2.34	1.70	1.23	0.75	0.27	-	
.40	3.05	2.67	1.90	1.33	0.75	0.27	-	
.80	3.45	3.00	2.10	1.43	0.75	0.07	-	
8:20	3.85	3.34	2.30	1.53	0.75	-	-	
.60	4.25	3.67	2.50	1.63	0.75	-	-	
9:00	4.65	4.00	2.70	1.73	0.75	-	-	
.40	5.05	4.34	2.90	1.83	0.75	-	-	
.80	5.45	4.67	3.10	1.93	0.75	-	-	

SHELTER Good, but Victoria Marina is exposed to strong E'lies.

NAVIGATION WPT 49°27'82N 02°30'78W, 227°0'68M to hbr ent. Offlying dangers, big tidal range and strong tidal streams demand careful navigation. From N the Little Russel is most direct appr, but needs care especially in poor visibility; see Passage Information and Little Russel Channel chartlet. Big Russel between Herm and Sark, passing S of Lower Hds SCM Lt buoy, is an easier appr. From W and S of Guernsey, give Les Hanois a wide berth. Beware ferries, shipping and ulit racing marks. Hbr speed limits: 6kn from outer pier hds to line S from New Jetty to Castle pier; 4kn W of that line (see chartlet).

Access via buoyed/lit chan along S side of hbr. Marina boat will direct yachts to marina, waiting pontoon (colour coded) or Ⓞ pontoons (nos 1-5, with ⚓) N of the waiting pontoon. Pontoons for tenders are each side of marina ent. Local moorings are in centre of hbr,

with a secondary fairway N of them. ⚓ prohib. Ⓞ berths in Queen Elizabeth II and Albert Marinas only by prior arrangement.

GY RDF beacon, 304-50kHz, on Castle Bkwtr is synchronised with the co-located horn (15s) to give distance finding; see LBW.

LIGHTS AND MARKS See chartlet and Lights, buoys & waypoints. Outer ldg lts 220°: Front, Castle bkwtr hd; rear, Belvedere. By day, white patch at Castle Cornet in line 223° with Belvedere Ho (conspic). Inner ldg lts 265° are for ferries berthing at New Jetty. The ldg line stops short of moorings in The Pool. Yachts should appr Victoria marina via the buoyed/lit S channel (dashed line).

Traffic Signals When a large vessel is under way a single FR ● is shown from: White Rock pier hd, facing landward and/or seaward; S ends of New Jetty* and the Inter-Island Quay*. It means 'No vessel may enter or leave hbr', but boats <15m LOA under power are exempt and may proceed, keeping well clear of access to commercial vessel berths. *with an attention-getter ☆ Fl Y above.

COMMUNICATIONS (Code 01481) *Guernsey Coastguard* 720672, Ch 20 (H24) for safety traffic, VHF Ch 16/67 for DF brgs, VHF Ch 62 for emergency link calls; *Guernsey Met* office 0906 713 0111 (from Guernsey only, at lowest premium rate) for local weather; *Police* 725111; ☎ 741410; Dr 711237 (H24), *Pier Steps at Boots*; *St John Ambulance* 725211; HM 720229; *St Sampson* VHF Ch 12 (H24); *Port Control* 720481, monitor *St Peter Port Control* Ch 12 (H24) only calling, if absolutely necessary, when within the pilotage area; *St Peter Port Marinas* VHF Ch 80 (0700-2300); *Water taxi* 424042, VHF Ch 10 (0800-2359LT).

FACILITIES *Victoria Marina* has a sill 4-2m; gauges either side show depth over sill (on entry, PH is accurate, SH overreads). Marina staff and/or R/G t/c lts control ent/exit. ☎ 725987. guernsey.harbour@gov.gg www.guernseyharbours.gov.gg 400, all Ⓞ, £2-40, special deals outside Jul/Aug. Max LOA/draft = 12-8m/1-8m (yachts with slightly greater draughts should enquire first); max stay 14 days, longer if arranged. ⚓, Ⓞ, Ⓞ.

Castle Pier ⚓, P, D (risk of grounding, check tides carefully), 0730-1730 Mon-Sat, 0730-1230 Sun; (also fuel pontoon at QE II marina). Ⓞ, Gas, Gaz, ACA, Ⓞ, Ⓞ, Ⓞ, BY, Ⓞ.

Royal Channel Islands YC ☎ 723154 Ⓞ. **Guernsey YC** ☎ 722838. **Town** Ⓞ, Ⓞ, Ⓞ, Ⓞ, Ⓞ, R, Ⓞ, Ⓞ. Fast ferry to Weymouth, Poole, Jersey, St Malo. Ferry to Portsmouth, Diélette, Sark, Herm; ➔.

AREA 19 – Channel Islands

ST PETER PORT LAT 49°27'N LONG 2°32'W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

Dates in red are SPRINGS
Dates in blue are NEAPS

YEAR 2014

STANDARD TIME (UT)
For Summer Time add ONE
hour in non-shaded areas

JANUARY		FEBRUARY		MARCH		APRIL	
Time	m	Time	m	Time	m	Time	m
1	0004 1.6	16	0039 2.1	1	0133 0.6	16	0128 1.6
	0603 9.4		0635 8.8		0729 10.1		0725 9.1
	W 1233 1.2		TH 1304 2.0	SA 1359 0.3	SU 1350 1.5	SA 1255 0.5	SU 1250 1.5
	● 1831 9.3		○ 1859 8.6	1954 9.9	1946 8.9	● 1852 9.7	○ 1847 8.9
2	0056 1.2	17	0114 2.0	2	0218 0.5	17	0200 1.5
	0653 9.8		0710 8.9		0813 10.2		0757 9.1
	TH 1324 0.8		F 1338 1.8	SU 1442 0.3	M 1419 1.5	SU 1340 0.2	M 1323 1.3
	1920 9.6		1934 8.7	2036 9.9	2016 8.9	1935 10.0	1921 9.1
3	0144 0.9	18	0147 1.9	3	0300 0.6	18	0230 1.6
	0741 10.0		0744 9.0		0855 10.0		0827 9.0
	F 1412 0.6		SA 1410 1.8	M 1523 0.6	TU 1448 1.7	M 1421 0.2	TU 1355 1.3
	2008 9.7		2006 8.7	2116 9.5	2045 8.7	2015 9.9	1952 9.1
4	0231 0.9	19	0218 1.9	4	0339 1.0	19	0259 1.8
	0827 10.0		0816 8.9		0935 9.5		0856 8.8
	SA 1458 0.7		SU 1440 1.9	TU 1602 1.1	W 1516 1.9	TU 1459 0.5	W 1425 1.4
	2053 9.6		2037 8.6	2154 9.0	2114 8.5	2051 9.6	2022 9.0
5	0315 1.1	20	0248 2.1	5	0417 1.6	20	0329 2.1
	0912 9.7		0846 8.7		1013 8.8		0928 8.5
	SU 1542 1.0		M 1509 2.1	W 1639 1.9	TH 1547 2.2	W 1534 1.1	TH 1455 1.6
	2136 9.2		2106 8.4	2231 8.3	2146 8.2	2125 9.1	2053 8.8
6	0359 1.5	21	0318 2.3	6	0455 2.4	21	0402 2.4
	0956 9.3		0917 8.5		1054 8.0		1005 8.1
	M 1626 1.5		TU 1538 2.3	TH 1719 2.7	F 1623 2.6	TH 1607 1.8	F 1527 1.9
	2220 8.7		2137 8.1	● 2312 7.6	2226 7.9	2157 8.4	2127 8.5
7	0443 2.1	22	0350 2.6	7	0539 3.1	22	0444 2.8
	1042 8.6		0950 8.2		1141 7.3		1051 7.7
	TU 1711 2.1		W 1611 2.6	F 1807 3.4	SA 1709 3.0	F 1640 2.6	SA 1604 2.4
	2307 8.1		2211 7.9		● 2318 7.5	2231 7.7	2207 8.1
8	0531 2.7	23	0426 2.9	8	0004 7.0	23	0542 3.2
	1133 8.0		1030 7.9		0639 3.7		1154 7.2
	W 1801 2.8		TH 1650 2.9	SA 1251 6.7	SU 1815 3.4	SA 1719 3.4	SU 1651 2.9
	● 1801 2.8		2254 7.6	1912 3.9		● 2313 7.1	2300 7.6
9	0000 7.6	24	0512 3.2	9	0128 6.7	24	0031 7.1
	0628 3.3		1119 7.5		0806 4.0		0707 3.4
	TH 1234 7.4		F 1741 3.2	SU 1430 6.6	M 1321 7.0	SU 1818 4.0	M 1757 3.4
	1901 3.3		● 2351 7.3	2042 4.0	1951 3.5		● 1757 3.4
10	0108 7.2	25	0615 3.4	10	0305 6.8	25	0210 7.2
	0741 3.6		1225 7.3		0941 3.7		0850 3.2
	F 1351 7.1		SA 1850 3.4	M 1546 6.9	TU 1500 7.3	M 1332 6.3	TU 1307 7.0
	2014 3.6			2203 3.6	2129 3.1	1943 4.2	1935 3.5
11	0230 7.1	26	0107 7.2	11	0409 7.3	26	0338 7.7
	0904 3.6		0741 3.5		1041 3.2		1011 2.5
	SA 1508 7.1		SU 1349 7.2	TU 1639 7.4	W 1616 7.9	TU 1512 6.6	W 1446 7.3
	2130 3.5		2021 3.4	2257 3.1	2242 2.4	2121 3.9	2115 3.1
12	0339 7.3	27	0237 7.4	12	0456 7.8	27	0444 8.5
	1011 3.3		0910 3.1		1126 2.7		1113 1.7
	SU 1610 7.4		M 1516 7.5	W 1722 7.8	TH 1715 8.6	W 1610 7.1	TH 1600 7.9
	2230 3.2		2145 2.9	2340 2.6	2339 1.6	2225 3.3	2224 2.3
13	0432 7.7	28	0354 7.9	13	0537 8.3	28	0538 9.2
	1103 2.9		1024 2.5		1206 2.3		1206 1.0
	M 1659 7.7		TU 1627 8.1	TH 1801 8.3	F 1806 9.3	TH 1654 7.7	F 1656 8.6
	2319 2.8		2254 2.3			2311 2.7	2320 1.6
14	0517 8.2	29	0457 8.6	14	0019 2.1	29	0518 9.1
	1147 2.5		1126 1.8		0615 8.7		1145 1.1
	TU 1743 8.1		W 1727 8.7	F 1243 1.9	○ 1838 8.6	F 1734 8.2	SA 1745 9.2
			2352 1.6			2350 2.2	
15	0001 2.4	30	0552 9.3	15	0055 1.8	30	0009 1.0
	0557 8.5		1222 1.1		0651 8.9		0605 9.6
	W 1228 2.2		TH 1821 9.3	SA 1318 1.6	1913 8.8	SU 1233 0.6	SU 1233 0.6
	1822 8.4		●			● 1829 9.6	● 1829 9.6
		31	0045 1.0			31	0055 0.6
			0642 9.8				0650 9.9
			F 1312 0.6				M 1316 0.4
			1909 9.7				1911 9.8

Channel Islands

Chart Datum is 5.06 metres below Ordnance Datum (Local). HAT is 10.3 metres above Chart Datum.

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St Peter Port tides

STANDARD TIME (UT)
For Summer Time add ONE hour in non-shaded areas

ST PETER PORT LAT 49°27'N LONG 2°32'W
TIMES AND HEIGHTS OF HIGH AND LOW WATERS

Dates in **red** are **SPRINGS**
Dates in **blue** are **NEAPS**

YEAR 2014

MAY		JUNE		JULY		AUGUST							
Time	m	Time	m	Time	m	Time	m						
1 0151	1.1	16 0126	1.1	1 0238	1.9	16 0319	0.7	1 0325	2.3	16 0422	1.6		
0746	9.3	0724	9.2	0835	8.4	0850	8.3	0926	8.2	1017	8.7		
TH 1407	1.2	F 1345	1.2	SU 1449	2.2	M 1503	1.3	F 1538	2.5	SA 1640	2.0		
2000	9.2	1943	9.4	2044	8.5	2101	9.4	2136	8.2	2236	8.4		
2 0226	1.3	17 0207	1.1	2 0310	2.2	17 0330	1.1	2 0321	2.3	17 0404	1.0		
0821	8.9	0806	9.2	0909	8.1	0929	9.0	0922	8.1	1001	9.1		
F 1440	1.6	SA 1425	1.3	M 1520	2.5	TU 1549	1.6	W 1532	2.6	TH 1622	1.5		
2032	8.9	2024	9.3	2116	8.2	2148	9.1	2129	8.1	2219	9.0		
3 0258	1.7	18 0249	1.2	3 0342	2.6	18 0418	1.5	3 0352	2.6	18 0449	1.6		
0854	8.5	0849	9.0	0943	7.7	1017	8.7	0955	7.8	1046	8.5		
SA 1511	2.1	SU 1507	1.6	TU 1553	2.9	W 1638	2.0	TH 1530	2.9	F 1708	2.1		
2103	8.5	2107	9.0	2151	7.8	2238	8.7	2203	7.8	2307	8.4		
4 0329	2.2	19 0333	1.5	4 0417	2.9	19 0510	1.9	4 0426	2.9	19 0537	2.3		
0927	8.0	0935	8.6	1021	7.4	1110	8.2	1031	7.5	1136	7.9		
SU 1541	2.6	M 1552	2.0	W 1631	3.3	TH 1732	2.4	F 1642	3.2	SA 1800	2.8		
2136	8.0	2154	8.7	2231	7.4	2333	8.2	2243	7.6	2351	7.3		
5 0402	2.8	20 0423	1.9	5 0500	3.3	20 0607	2.4	5 0507	3.2	20 0002	7.7		
1003	7.5	1026	8.2	1107	7.1	1209	7.8	1115	7.3	0633	2.9		
M 1615	3.2	TU 1644	2.4	TH 1720	3.6	F 1834	2.8	SA 1730	3.4	SU 1236	7.4		
2213	7.5	2248	8.2	2321	7.2			2333	7.3	1904	3.3		
6 0442	3.3	21 0521	2.4	6 0556	3.5	21 0037	7.8	6 0601	3.4	21 0112	7.2		
1047	7.0	1125	7.8	1204	6.9	0712	2.7	1211	7.1	0741	3.3		
TU 1659	3.6	W 1747	2.9	F 1824	3.7	SA 1317	7.6	SU 1833	3.5	M 1350	7.2		
2259	7.1	2352	7.8			1946	3.0			2024	3.5		
7 0538	3.6	22 0631	2.7	7 0023	7.0	22 0150	7.6	7 0036	7.2	22 0233	7.1		
1147	6.7	1236	7.6	0704	3.5	0823	2.9	0711	3.4	0859	3.4		
W 1805	3.9	TH 1903	3.0	SA 1314	6.9	SU 1429	7.6	M 1321	7.2	TU 1507	7.3		
2351	7.1			1935	3.6	2100	3.0	1949	3.4	2141	3.3		
8 0005	6.8	23 0108	7.7	8 0135	7.1	23 0302	7.6	8 0150	7.2	23 0344	7.3		
0653	3.8	0747	2.7	0813	3.4	0930	2.8	0827	3.3	1006	3.2		
TH 1307	6.6	F 1353	7.6	SU 1423	7.2	M 1534	7.7	TU 1436	7.4	W 1608	7.6		
1923	3.9	2023	2.9	2043	3.3	2204	2.8	2103	3.1	2240	3.0		
9 0129	6.8	24 0225	7.8	9 0245	7.3	24 0404	7.8	9 0305	7.5	24 0440	7.6		
0808	3.6	0859	2.5	0916	3.0	1028	2.6	0936	2.9	1100	2.8		
F 1423	6.9	SA 1504	7.8	M 1524	7.6	TU 1629	8.0	W 1543	7.8	TH 1658	8.0		
2035	3.6	2132	2.6	2144	2.9	2258	2.5	2209	2.6	2329	2.6		
10 0243	7.1	25 0332	8.0	10 0346	7.7	25 0457	8.0	10 0411	8.0	25 0527	8.0		
0913	3.2	1000	2.2	1013	2.6	1119	2.4	1039	2.4	1146	2.5		
SA 1524	7.3	SU 1603	8.2	TU 1618	8.1	W 1717	8.3	TH 1643	8.4	F 1742	8.3		
2137	3.2	2230	2.2	2239	2.4	2346	2.2	2309	2.0				
11 0341	7.5	26 0428	8.3	11 0440	8.2	26 0544	8.3	11 0511	8.4	26 0012	2.2		
1007	2.8	1054	2.0	1106	2.2	1204	2.1	1136	1.9	0608	8.3		
SU 1614	7.8	M 1653	8.5	W 1708	8.5	TH 1801	8.6	F 1737	8.9	SA 1227	2.2		
2229	2.6	2320	1.9	2331	1.9					1821	8.6		
12 0431	8.0	27 0518	8.6	12 0532	8.6	27 0029	2.0	12 0004	1.4	27 0051	2.0		
1055	2.3	1141	1.7	1156	1.7	0627	8.5	0605	8.9	0647	8.5		
M 1659	8.3	TU 1739	8.8	TH 1757	9.0	F 1246	2.0	SA 1230	1.4	SU 1304	2.0		
2316	2.1					1840	8.8	1828	9.4	1858	8.8		
13 0516	8.4	28 0007	1.7	13 0021	1.4	28 0110	1.8	13 0058	1.0	28 0126	1.8		
1139	1.9	0604	8.8	0621	9.0	0706	8.6	0657	9.3	0723	8.7		
TU 1741	8.7	W 1226	1.6	F 1245	1.4	SA 1324	1.9	SU 1321	1.0	M 1339	1.9		
		1821	9.0	1843	9.3	1918	8.8	1918	9.7	1933	8.9		
14 0000	1.7	29 0050	1.5	14 0110	1.1	29 0146	1.8	14 0147	0.6	29 0159	1.8		
0559	8.8	0646	8.9	0709	9.2	0743	8.6	0745	9.6	0757	8.7		
W 1223	1.5	TH 1307	1.6	SA 1332	1.2	SU 1358	2.0	M 1409	0.8	TU 1410	1.9		
1822	9.1	1901	9.1	1929	9.5	1953	8.8	2005	9.9	2006	8.8		
15 0044	1.3	30 0129	1.5	15 0157	0.9	30 0219	1.9	15 0234	0.5	30 0229	1.8		
0642	9.1	0725	8.8	0756	9.3	0817	8.5	0832	9.6	0828	8.6		
TH 1304	1.3	F 1344	1.7	SU 1417	1.1	M 1430	2.1	TU 1454	0.8	W 1440	2.0		
1902	9.3	1937	9.0	2015	9.6	2026	8.6	2050	9.8	2036	8.7		
		31 0205	1.7							31 0258	2.0		
		0801	8.7							0858	8.4		
		SA 1417	1.9							TH 1509	2.2		
		2011	8.8							2105	8.5		
											31 0327	2.3	
											0929	8.2	
											SU 1544	2.5	
											2110	8.5	
												31 0327	2.3
												0929	8.2
												SU 1544	2.5
												2143	8.2

Chart Datum is 5.06 metres below Ordnance Datum (Local). HAT is 10.3 metres above Chart Datum.

AREA 19 – Channel Islands

STANDARD TIME (UT)
For Summer Time add ONE hour in non-shaded areas

ST PETER PORT LAT 49°27'N LONG 2°32'W

Dates in **red** are **SPRINGS**
Dates in **blue** are **NEAPS**

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

YEAR 2014

SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER					
Time	m	Time	m	Time	m	Time	m				
1	0400 2.7	16	0511 3.3	1	0422 3.1	16	0526 4.0	1	0113 7.6	16	0050 6.9
	1005 7.9		1106 7.3		1032 7.7		1126 6.9		0746 3.2		0715 4.0
M	1621 2.9	TU	1739 3.6	W	1654 3.2	TH	1810 4.1	M	1350 7.8	TU	1319 7.0
	2225 7.8	☉	2340 6.8	☉	2303 7.4				2024 2.9		1950 3.8
2	0442 3.1	17	0611 4.0	2	0523 3.5	17	0620 6.5	2	0232 7.8	17	0207 7.0
	1052 7.5		1139 7.3		1139 7.3		0645 4.3		0903 2.9		0826 3.7
TU	1712 3.3	W	1855 4.1	TH	1810 3.5	F	1259 6.6	TU	1502 8.0	W	1431 7.2
☉	2320 7.3				1938 4.2			☉	2132 2.6		2057 3.5
3	0542 3.5	18	0119 6.5	3	0023 7.1	18	0207 6.6	3	0337 8.2	18	0311 7.4
	1158 7.2		0738 4.2		0656 3.7		0818 4.2		1005 2.5		0929 3.3
W	1826 3.6	TH	1401 6.6	F	1312 7.2	SA	1431 6.9	W	1603 8.4	TH	1532 7.6
			2041 4.1		1953 3.4		2105 3.8		2230 2.2		2156 3.0
4	0039 7.1	19	0259 6.7	4	0205 7.3	19	0316 7.0	4	0431 8.6	19	0405 7.9
	0712 3.7		0738 4.0		0839 3.4		0930 3.7		1059 2.1		1025 2.8
TH	1329 7.2	F	1519 7.0	SA	1445 7.7	SU	1531 7.3	TH	1656 8.7	F	1626 8.0
	2008 3.4		2154 3.6		2119 2.8		2200 3.3		2321 1.9		2249 2.6
5	0218 7.2	20	0356 7.2	5	0326 7.9	20	0403 7.6	5	0519 9.0	20	0454 8.4
	0852 3.3		1013 3.4		0953 2.7		1019 3.1		1148 1.8		1115 2.3
F	1501 7.6	SA	1611 7.6	SU	1553 8.4	M	1617 7.9	F	1744 9.0	SA	1715 8.5
	2134 2.8		2242 3.0		2223 2.1		2244 2.8				2338 2.1
6	0341 7.8	21	0439 7.8	6	0426 8.6	21	0443 8.1	6	0007 1.7	21	0539 8.9
	1008 2.7		1057 2.9		1051 1.9		1100 2.6		0603 9.2		1203 1.8
SA	1611 8.3	SU	1653 8.1	M	1649 9.1	TU	1657 8.4	SA	1233 1.6	SU	1802 8.8
	2240 2.1		2321 2.5		2317 1.4		2322 2.3	☉	1828 9.1		
7	0444 8.5	22	0518 8.3	7	0517 9.2	22	0521 8.6	7	0050 1.6	22	0024 1.7
	1108 1.9		1136 2.4		1142 1.3		1139 2.2		0645 9.3		0624 9.2
SU	1708 9.0	M	1731 8.6	TU	1738 9.6	W	1736 8.8	SU	1315 1.5	M	1251 1.4
	2336 1.3		2358 2.1				2359 1.9		1909 9.1	☉	1848 9.1
8	0537 9.2	23	0554 8.7	8	0005 0.9	23	0558 8.9	8	0130 1.6	23	0110 1.4
	1201 1.2		1212 2.0		0603 9.7		1216 1.8		0724 9.3		0708 9.5
M	1759 9.7	TU	1808 8.9	W	1229 0.8	TH	1813 9.0	M	1354 1.6	TU	1336 1.2
				☉	1824 10.0	☉			1948 9.0		1933 9.3
9	0026 0.7	24	0032 1.8	9	0051 0.6	24	0034 1.7	9	0206 1.8	24	0154 1.3
	0625 9.7		0629 8.9		0647 10.0		0633 9.1		0759 9.1		0752 9.6
TU	1250 0.7	W	1247 1.7	TH	1314 0.6	F	1252 1.6	TU	1429 1.8	W	1421 1.1
☉	1845 10.1	☉	1843 9.1		1908 10.1		1848 9.2		2023 8.7		2017 9.3
10	0114 0.3	25	0105 1.6	10	0134 0.6	25	0109 1.6	10	0239 2.1	25	0238 1.3
	0710 10.0		0703 9.1		0728 10.0		0707 9.2		0833 8.8		0836 9.6
W	1336 0.4	TH	1320 1.6	F	1355 0.7	SA	1327 1.5	W	1502 2.2	TH	1506 1.2
	1930 10.3		1916 9.2		1949 10.0		1923 9.2		2056 8.4		2102 9.2
11	0157 0.3	26	0136 1.6	11	0213 0.8	26	0142 1.6	11	0310 2.5	26	0322 1.5
	0753 10.1		0735 9.1		0807 9.8		0740 9.2		0906 8.4		0921 9.3
TH	1418 0.4	F	1351 1.6	SA	1434 1.0	SU	1402 1.6	TH	1534 2.5	F	1551 1.4
	2012 10.2		1947 9.2		2027 9.6		1957 9.1		2130 8.0		2147 8.9
12	0238 0.5	27	0206 1.7	12	0250 1.3	27	0215 1.8	12	0342 2.9	27	0407 1.9
	0832 9.9		0804 9.0		0843 9.3		0814 9.1		0940 8.0		1009 8.9
F	1457 0.8	SA	1422 1.7	SU	1509 1.5	M	1436 1.8	F	1607 3.0	SA	1638 1.8
	2051 9.8		2017 9.0		2102 9.0		2033 8.9		2205 7.6		2236 8.5
13	0316 1.0	28	0235 1.9	13	0324 1.9	28	0250 2.1	13	0417 3.3	28	0457 2.4
	0910 9.4		0834 8.8		0916 8.7		0850 8.8		1018 7.6		1101 8.4
SA	1534 1.3	SU	1452 2.0	M	1544 2.2	TU	1513 2.1	SA	1645 3.3	SU	1731 2.3
	2128 9.1		2048 8.7		2137 8.3		2112 8.5		2247 7.2	☉	2331 8.0
14	0352 1.7	29	0305 2.2	14	0357 2.7	29	0328 2.5	14	0501 3.7	29	0556 2.8
	0946 8.7		0906 8.5		0951 8.1		0932 8.4		1104 7.2		1201 8.0
SU	1611 2.1	M	1524 2.3	TU	1619 2.9	W	1555 2.5	SU	1734 3.7	M	1832 2.8
	2205 8.3		2123 8.4		2214 7.6		2158 8.1	☉	2340 7.0		
15	0429 2.5	30	0339 2.6	15	0434 3.4	30	0414 2.9	15	0601 3.9	30	0036 7.6
	1022 8.0		0943 8.1		1030 7.4		1023 8.0		1204 7.0		0707 3.2
M	1649 2.9	TU	1603 2.7	W	1703 3.6	TH	1649 3.0	M	1839 3.8	TU	1314 7.6
	2245 7.5		2206 7.9	☉	2301 6.9		2255 7.6				1944 3.0
				31	0515 3.4					31	0154 7.5
					1129 7.6						0828 3.2
					F 1802 3.3						W 1432 7.6
				☉							2100 3.0

Chart Datum is 5-06 metres below Ordnance Datum (Local). HAT is 10-3 metres above Chart Datum.

Herm – Sark

WGS84 DATUM

9.19.12 HERM

49°28'·22N 02°27'·26W

CHARTS and TIDES As for St Peter Port.

SHELTER Good shelter E or W of island depending on winds.

NAVIGATION Access is not difficult, if properly planned. Herm is reached from the Little Russel Channel via any of 7 passages all of which require reasonable visibility and care with tidal streams. AC 807 & 808 list the marks and bearings of all the passages.

The Alligande Passage is the simplest and most direct from St Peter Port. Approach with the Vermerette bcn (topmark 'V') in transit 074° with W patch on Hbr quay. Leave Alligande 'A', Godfrey 'GB' and Epec 'E' bcns to starboard; skirt close N of Vermerette. When its base is awash, there is 1m at hbr ent. The tide will be setting N. Sand build-up W of Vermerette affects craft NW-bound in the Percée Passage.

The appr from the Big Russel is more open and leads easily to pleasant ⚓ at Belvoir Bay and Shell Bay.

LIGHTS AND MARKS Ldg lts, both FW (occas) and W drums at 078°. 2FG (vert) on quay hd. Night appr not advised for visitors.

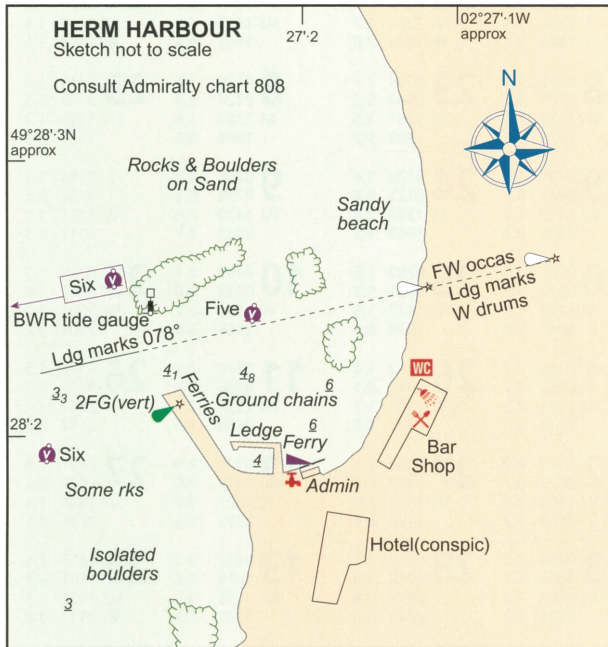
COMMUNICATIONS Island Admin ☎ 750000 for overnight stay in hbr.

FACILITIES

Herm Harbour, options:

- Lie to mooring lines secured to N and S walls inside hbr.
- Dry out on the beach to the E, moored fore/aft to chains.
- 5 ⚓s to N and 6 to W of hbr dry out; 6 more to NW: rky bottom to the N; isolated boulders/sand to W.

www.herm.com for navigation details and webcams of hbr & buoys. No fees; donations welcome. Showers, 🚻, 📺, R, limited 🚰. Can be busy at summer weekends, better mid-week.



Rosière Steps Easiest appr is from the Big Russel via Percée passage; avoid Fourquies (2, NCM lt buoy), Meulettes (1,) and Tinker (2,). ⚓ 49°28'·22N 02°27'·22W NW of Rosière steps; good holding on sand, but exposed to S and SW. Access for landing only; do not linger alongside. Buoys are for ferries and Herm-owned boats only; hourly ferries by day. The bottom step is about 1.5m above the seabed which may be inconvenient at LWS. Caution: From just before HW to HW+2 tide sets hard onto the steps.

Belvoir Bay 49°28'·40N 02°26'·34W and **Shell Bay** are good ⚓s on sand, sheltered from W. Easy access from E; from S keep 400m offshore. Beach café or walk 800m to Harbour village. Note: Jethou, Crevichon and Grande Fauconnière are private. No landing.

9.19.13 SARK

Sark 49°25'·81N 02°20'·45W Creux

CHARTS AC 808, 5604.12; SHOM 7159, 6904; Navi 1014; Imray C33A, 2500

TIDES -0450 Dover; ML 5·3; Duration 0550

Standard Port ST HELIER (→)

Times		Height (metres)			
High Water	Low Water	MHWS	MHWN	MLWN	MLWS
0300	0900	11·0	8·1	4·0	1·4
1500	2100	1400	2100		
Differences SARK (MASELINE PIER)					
+0005	+0015	+0005	+0010	-2·1	-1·5
				-0·6	-0·3

Tidal streams Beware large tidal range, strong streams and many lobster pots. In Gouliot (W coast) and Goulet Passages the streams reach 6-7kn at springs. Note that at about half-tide the streams are slack around Sark. At HW the stream sets hard to the N, ie onto Little Sark. At LW the stream sets hard to the S, ie onto Bec du Nez (N tip). If bound from Guernsey to Sark's E coast, go N-about at HW and S-about at LW; conversely on the return.

SHELTER Sark is fringed by rocks, but the centres of the bays are mainly clear of dangers. A safe ⚓age or ⚓s can usually be found sheltered from offshore winds. But, depending on wind and tide, they may be uncomfortable, except in settled weather; see also Facilities.

NAVIGATION From the West, WPT 49°25'·27N 02°24'·30W, 070°/1·29M towards the Pilcher monument (Sark mill is obscd by trees) for Havre Gosselin or La Grande Grève.

From the N or after rounding Bec du Nez, the WPT is 49°27'·30N 02°21'·42W, on the 153° charted transit (aka the outside passage) towards Grève de la Ville and Maseline. Noirr Pierre rk is unlit but marked with a Y post & radar reflector. The inside passage, W of drying Pécheresse, is used by locals but ill advised for visitors.

LIGHTS AND MARKS Point Robert lt ho and Courbée du Nez are the only navigational lights on Sark; see chartlet and Lights, buoys & waypoints.

COMMUNICATIONS (Code 01481) Police (Guernsey) 725111; ☎ (Guernsey) 726911; Dr 832045; HM 832323, VHF Ch 10; Maseline Hbr VHF Ch 13, season only; Tourist Office 832345.

ANCHORAGES, ⚓s, HARBOURS AND FACILITIES

Anti-clockwise from Bec du Nez, the ⚓s below (all unlit) are safe in off-shore winds; in other conditions they can be exposed and sometimes dangerous. Some are only suitable around LW.

⚓s at Havre Gosselin and Grève de la Ville are free (courtesy Sark Moorings ☎ 832260, 07781 106065). Donations welcome in local boxes or c/o Le Grand Fort, Sark, Channel Islands, GY9 0SF. Water taxi Ch 10. All other moorings are private; use only in emergency.

WEST COAST (all ⚓s are exposed to W'lies)

Saignie Bay 49°26'·53N 02°22'·10W. Sand and shingle with fair holding. Picturesque rock formations.

Port à la Jument 49°26'·17N 02°22'·42W. Sand and shingle with fair holding. Difficult shore access.

Brecqhou Island is strictly private; landing prohibited.

Havre Gosselin 49°25'·77N 02°22'·68W. Popular deep (4-9m) ⚓. 20 Y ⚓s (see above). Beware of drying rk at extreme NW of bay. Crowded in summer. 299 steps to cliff top and panoramic views.

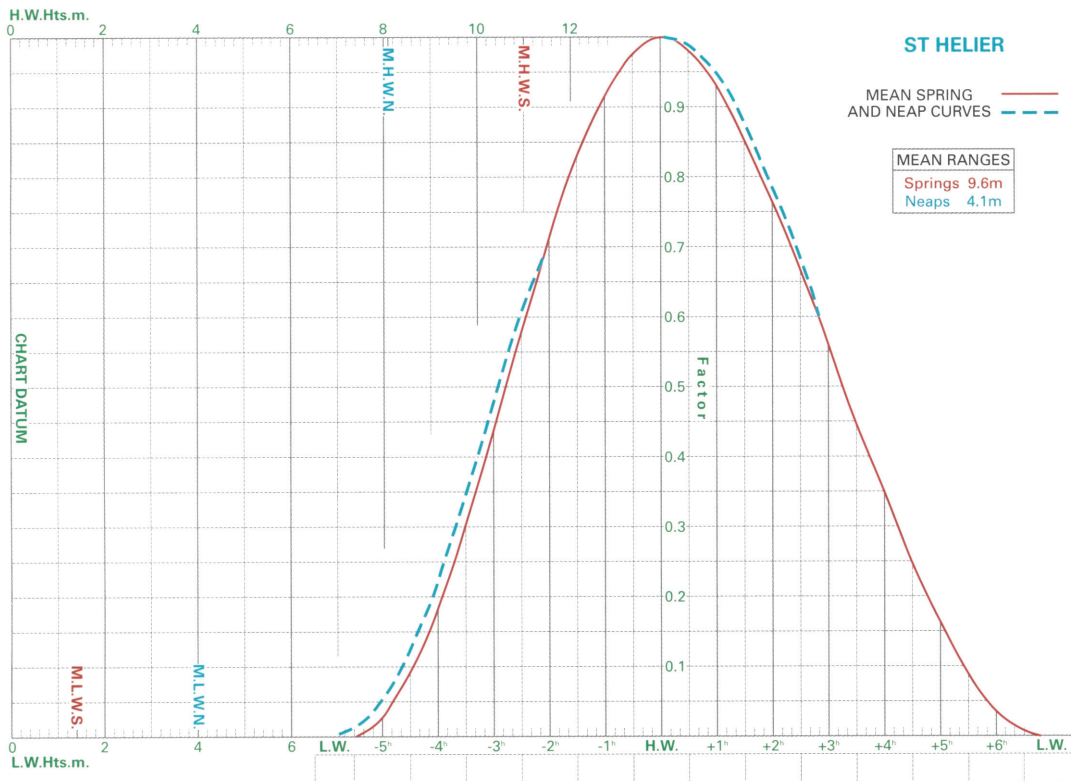
Port és Saies 49°25'·41N 02°22'·28W. Sandy inlet, steep cliff path.

La Grande Grève 49°25'·38N 02°22'·59W. Wide sandy bay, subject to swell, but popular day ⚓age. Exposed to E. Landing with cliff path and ☎ in the appr. Temporary steps to cliff-top panoramic views.

LITTLE SARK

Port Gorey 49°24'·60N 02°22'·72W. ⚓ or pick up Foc Y ⚓ in centre of deep, weedy bay over LW only; heavy swell begins near half-flood. Rocky appr from just NW of Grande Bretagne (18m high) then 045° into bay. Rocks must be positively identified. Remains of quay with ladder. Cliff walk past silver mine ruins to hotel.

Rouge Terrier 49°24'·78N 02°21'·87W. Sandy with some local moorings under high cliffs. Exposed to E. Landing with cliff path to hotel. Also ⚓ 49°25'·09N 02°21'·70W, 4ca NNE in Baleine Bay.



NAVIGATION WPT 49°11'18N 01°59'59W, 298°/1.3M to pier hd/front ldg lt. On appr, keep well outside all local bcns until the ldg marks are identified, but beware Banc du Chateau (0-4m least depth), 1M offshore NE of 298° ldg line; and Azicot Rk (dries 2-2m) just S of 298° ldg line, 2ca from ent. There are at least 3 approaches:

- Dir Lt 298°: Gorey pierhead, W framework twr; rear ldg mark House (west gable end). Best for visitors.
- Pierhead ≠ spire 304° (line between R & G sectors) leads close to Road Rk (3-3m) and over Azicot Rk (2-2m).
- Pierhead ≠ white house/R roof 250° leads close to Les Arch bn (B/W with A topmark) and Pacquet Rk (0-3m).

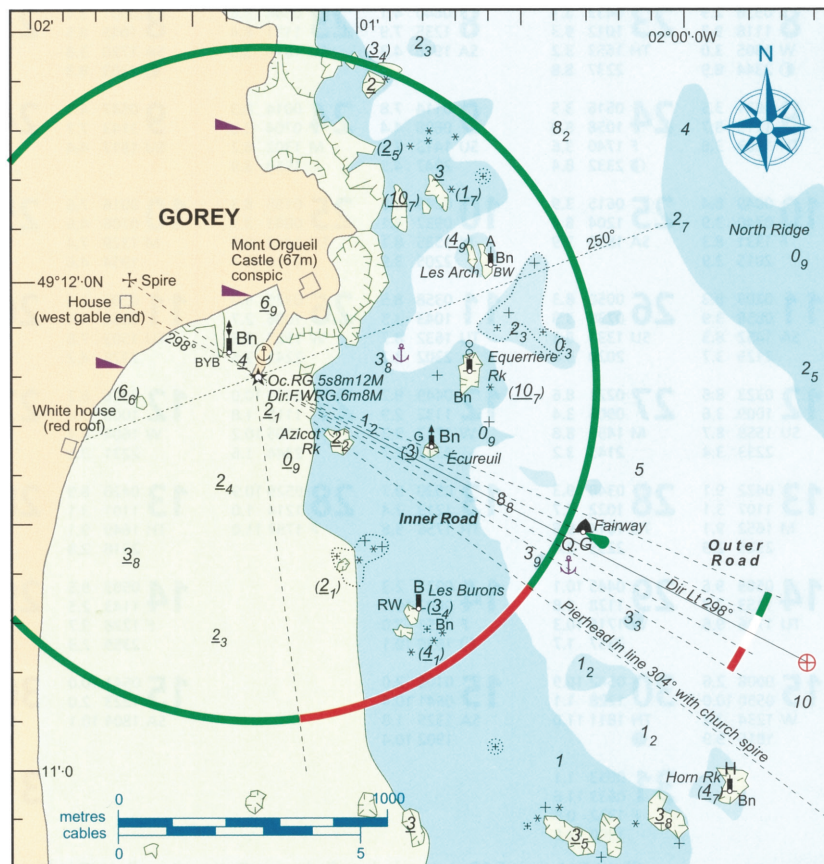
See Passage information for the Violet Chan to St Helier. The Gutters and Boat Passage across Violet Bank are not advised.

LIGHTS AND MARKS See chartlet and Lights, buoys & waypoints. Mont Orgueil Castle (67m) is highly conspic.

COMMUNICATIONS (Code 01534) Marine-call 09068 969656; ☎ 833833; for Dr contact Port Control St Helier 447788; Gorey Hbr Ch 74 (not permanently manned); Info Jersey Coastguard Ch 82.

FACILITIES Hbr dries to 6-9m. 12 drying ⚓s 150m W pierhd. 4 drying berths against pierhd. Port Control ☎ 447708. M, ☎ free. P & D HW ±3 (HO) by hose at pierhead 07797 742384. ⚓, C (7 ton), ⚓, ⚓, Gas.

Town 🏠, 📺, R, 📧, 🚌, bus to St Helier. Ferry (Apr-Sept) to Carteret.



St Helier tides

STANDARD TIME (UT)
For Summer Time add ONE hour in non-shaded areas

ST HELIER LAT 49°11'N LONG 2°07'W
TIMES AND HEIGHTS OF HIGH AND LOW WATERS

Dates in **red** are **SPRINGS**
Dates in **blue** are **NEAPS**

YEAR 2014

JANUARY		FEBRUARY		MARCH		APRIL					
Time	m	Time	m	Time	m	Time	m				
1	0011 1.6	16	0046 2.3	1	0145 0.7	16	0137 1.8	1	0149 0.6	16	0122 1.4
	0553 11.0		0626 10.2		0721 11.9		0713 10.7		0723 11.6		0655 10.9
	W 1239 1.2		TH 1310 2.1	SA	1411 0.3	SU	1357 1.6	SA	1307 0.5	SU	1300 1.7
	● 1821 11.1		○ 1850 10.1		1946 11.7		1933 10.5	●	1844 11.5	○	1836 10.5
2	0104 1.2	17	0121 2.1	2	0231 0.5	17	0208 1.6	2	0129 0.5	17	0114 1.6
	0644 11.5		0700 10.4		0805 12.0		0744 10.8		0704 11.9		0648 10.7
	TH 1333 0.8		F 1343 2.0	SU	1456 0.3	M	1427 1.6	SU	1353 0.2	M	1334 1.5
	1911 11.4		1922 10.2		2028 11.6		2003 10.6		1926 11.8		1908 10.7
3	0155 1.0	18	0154 2.0	3	0313 0.7	18	0239 1.6	3	0213 0.4	18	0147 1.4
	0733 11.7		0732 10.5		0847 11.7		0814 10.7		0746 12.0		0721 10.9
	F 1423 0.6		SA 1415 1.9	M	1536 0.6	TU	1456 1.7	M	1435 0.3	TU	1406 1.4
	1959 11.5		1954 10.3		2107 11.2		2033 10.5		2006 11.7		1940 10.8
4	0243 0.9	19	0225 2.0	4	0352 1.1	19	0309 1.8	4	0252 0.5	19	0219 1.3
	0820 11.7		0803 10.5		0926 11.1		0845 10.5		0825 11.7		0753 10.9
	SA 1509 0.7		SU 1445 2.0	TU	1613 1.3	W	1525 1.9	TU	1511 0.6	W	1436 1.4
	2045 11.3		2024 10.2		2144 10.6		2103 10.2		2042 11.3		2011 10.8
5	0328 1.1	20	0256 2.1	5	0427 1.8	20	0339 2.1	5	0327 1.0	20	0251 1.4
	0904 11.4		0834 10.4		1003 10.3		0915 10.2		0901 11.1		0825 10.8
	SU 1554 1.0		M 1515 2.1	W	1647 2.1	TH	1555 2.3	W	1544 1.3	TH	1506 1.6
	2128 10.9		2054 10.0		2220 9.8		2133 9.8		2115 10.7		2043 10.6
6	0411 1.6	21	0326 2.3	6	0503 2.6	21	0412 2.6	6	0359 1.7	21	0323 1.7
	0947 10.9		0904 10.1		1041 9.4		0949 9.6		0934 10.3		0859 10.4
	M 1636 1.6		TU 1545 2.4	TH	1723 3.0	F	1628 2.8	TH	1614 2.1	F	1538 2.6
	2211 10.2		2125 9.7		● 2259 9.0		2209 9.2		2147 9.9		2116 10.1
7	0453 2.2	22	0358 2.7	7	0543 3.5	22	0450 3.1	7	0429 2.5	22	0357 2.2
	1031 10.1		0936 9.7		1127 8.5		1031 9.0		1007 9.4		0934 9.8
	TU 1719 2.3		W 1617 2.8	F	1807 3.7	SA	1710 3.4	F	1644 3.0	SA	1613 2.6
	2254 9.5		2157 9.3		2352 8.2		● 2258 8.7		2220 9.1		2153 9.5
8	0538 2.9	23	0433 3.1	8	0640 4.1	23	0544 3.6	8	0501 3.4	23	0437 2.8
	1118 9.3		1012 9.3		1235 7.9		1131 8.4		1045 8.5		1018 9.1
	W 1805 3.0		TH 1653 3.2	SA	1916 4.3	SU	1814 3.8	SA	1720 3.8	SU	1656 3.2
	● 2344 8.9		2237 8.8						● 2303 8.3		2243 8.9
9	0631 3.5	24	0516 3.5	9	0114 7.8	24	0014 8.3	9	0547 4.1	24	0530 3.3
	1215 8.7		1058 8.8		0808 4.4		0704 3.8		1143 7.7		1119 8.5
	TH 1903 3.6		F 1740 3.6	SU	1413 7.7	M	1302 8.2	SU	1817 4.4	M	1800 3.7
			● 2332 8.4		2047 4.3		1950 3.9				● 2358 8.4
10	0049 8.4	25	0615 3.9	10	0249 8.0	25	0155 8.3	10	0016 7.6	25	0650 3.6
	0740 3.9		1204 8.4		0937 4.1		0843 3.5		0706 4.6		1250 8.2
	F 1331 8.3		SA 1850 3.9	M	1535 8.1	TU	1443 8.5	M	1329 7.4	TU	1935 3.9
	2015 3.9				2205 3.9		2126 3.4		1954 4.6		
11	0209 8.3	26	0050 8.3	11	0358 8.5	26	0325 9.0	11	0207 7.6	26	0140 8.4
	0858 3.9		0738 3.9		1043 3.5		1006 2.7		0854 4.4		0827 3.4
	SA 1452 8.3		SU 1331 8.3	TU	1632 8.7	W	1603 9.3	TU	1503 7.8	W	1431 8.5
	2129 3.7		2020 3.8		2302 3.2		2241 2.5		2128 4.2		2110 3.3
12	0323 8.6	27	0221 8.6	12	0449 9.2	27	0433 10.0	12	0326 8.2	27	0310 9.0
	1009 3.6		0906 3.4		1132 2.9		1115 1.8		1009 3.8		0949 2.7
	SU 1559 8.7		M 1459 8.8	W	1717 9.3	TH	1705 10.2	W	1604 8.4	TH	1548 9.3
	2233 3.4		2145 3.2		2347 2.7		2344 1.6		2231 3.5		2224 2.5
13	0422 9.1	28	0340 9.3	13	0530 9.7	28	0529 10.9	13	0420 8.9	28	0416 9.9
	1107 3.1		1022 2.7		1213 2.4		1214 1.0		1101 3.1		1056 1.8
	M 1652 9.1		TU 1614 9.5	TH	1756 9.8	F	1757 11.0	TH	1649 9.1	F	1647 10.2
	2325 2.9		2255 2.4						2318 2.8		2326 1.7
14	0509 9.6	29	0445 10.1	14	0027 2.3	29	0027 2.3	14	0503 9.5	29	0511 10.7
	1153 2.7		1128 1.8		0607 10.1				1143 2.5		1154 1.2
	TU 1736 9.6		W 1716 10.3	F	1251 2.0			F	1728 9.7	SA	1737 10.9
			2357 1.7		○ 1830 10.1				2359 2.3		
15	0008 2.6	30	0542 10.9	15	0103 2.0	30	0103 2.0	15	0541 10.0	30	0019 1.1
	0550 10.0		1228 1.1		0641 10.4				1223 2.0		0558 11.3
	W 1234 2.4		TH 1811 11.0	SA	1325 1.8			SA	1804 10.1	SU	1245 0.7
	1815 9.9		●		1902 10.4						● 1822 11.3
		31	0053 1.1					15		30	0107 0.7
			0633 11.6								0642 11.6
			F 1322 0.6								M 1330 0.6
			1900 11.5								1903 11.5

Chart Datum is 5-88 metres below Ordnance Datum (Local). HAT is 12.2 metres above Chart Datum.

AREA 19 – Channel Islands

STANDARD TIME (UT)

For Summer Time add ONE hour in non-shaded areas

ST HELIER LAT 49°11'N LONG 2°07'W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

Dates in red are SPRINGS
Dates in blue are NEAPS

YEAR 2014

MAY		JUNE		JULY		AUGUST	
Time	m	Time	m	Time	m	Time	m
1	0201 1.3	16	0138 1.2	1	0255 2.2	16	0333 0.7
	0736 10.9		0713 11.0		0837 9.9		0908 11.2
	TH 1415 1.5		F 1357 1.3		TU 1506 2.4		W 1552 1.1
	1949 10.9		1934 11.1		2045 10.0		2124 9.8
2	0234 1.6	17	0219 1.2	2	0326 2.4	17	0416 1.1
	0811 10.5		0756 10.9		0908 9.6		0952 10.7
	F 1447 1.8		SA 1438 1.4		W 1538 2.7		TH 1634 1.6
	2021 10.5		2016 11.0		2117 9.7		2212 10.6
3	0305 2.0	18	0301 1.3	3	0358 2.7	18	0459 1.7
	0844 10.0		0841 10.7		0941 9.2		1035 10.0
	SA 1516 2.3		SU 1519 1.7		TH 1612 3.0		F 1718 2.3
	2052 10.0		2101 10.7		2151 9.3		2257 9.8
1	0335 2.3	16	0433 1.7	1	0513 3.5	20	0634 3.1
	0913 9.8		1005 10.2		1100 8.5		1218 8.7
	F 1548 2.6		SA 1650 2.3		SA 1737 3.8		SU 1907 3.5
	2124 9.8		2226 9.8		2319 8.5		

Chart Datum is 5-88 metres below Ordnance Datum (Local). HAT is 12-2 metres above Chart Datum.

FREE monthly updates. Register at www.reedsnauticalalmanac.co.uk

St Helier tides

STANDARD TIME (UT)
For Summer Time add ONE
hour in non-shaded areas

ST HELIER LAT 49°11'N LONG 2°07'W
TIMES AND HEIGHTS OF HIGH AND LOW WATERS

Dates in **red** are **SPRINGS**
Dates in **blue** are **NEAPS**

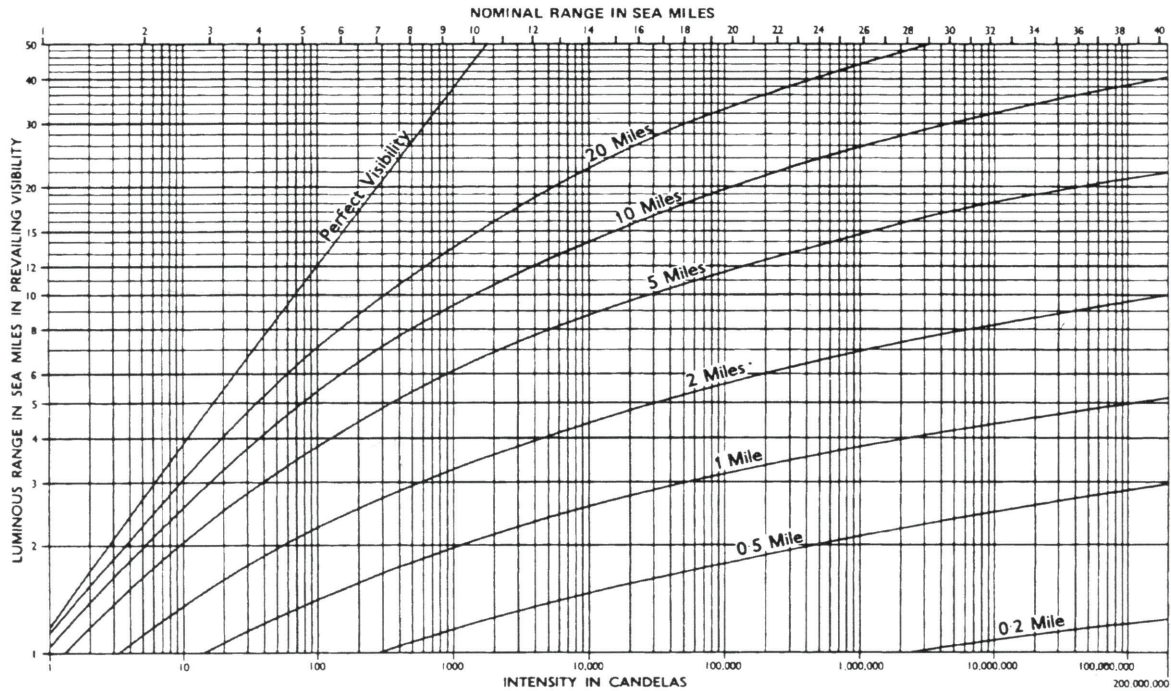
YEAR 2014

SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER									
Time	m	Time	m	Time	m	Time	m								
1	0411 2.9 0947 9.3 M 1632 3.2 2206 9.1	16	0513 3.7 1051 8.5 TU 1741 4.1 2329 7.9	1	0431 3.4 1012 9.0 W 1703 3.5 2245 8.6	16	0526 4.4 1113 7.9 TH 1807 4.6	1	0001 8.5 0643 3.9 SA 1243 8.6 1931 3.5	16	0048 7.7 0709 4.6 SU 1317 7.8 1955 4.4	1	0059 8.8 0742 3.4 M 1336 9.0 2021 3.1	16	0044 7.9 0713 4.4 TU 1311 8.0 1952 4.2
2	0449 3.5 1030 8.7 TU 1720 3.7 2259 8.5	17	0609 4.4 1159 7.8 W 1858 4.6	2	0529 3.9 1120 8.4 TH 1816 3.9	17	0016 7.5 0644 4.8 F 1943 4.6	2	0132 8.6 0812 3.6 SU 1411 9.0 2052 3.0	17	0211 8.0 0830 4.3 M 1432 8.2 2107 4.0	2	0217 9.0 0857 3.1 TU 1450 9.3 2130 2.7	17	0202 8.1 0830 4.2 W 1425 8.3 2104 3.9
3	0546 3.9 1137 8.3 W 1832 4.0	18	0107 7.5 0739 4.7 TH 1347 7.7 2039 4.4	3	0009 8.2 0656 4.1 F 1300 8.3 1950 3.7	18	0200 7.7 0822 4.6 SA 1426 8.0 2106 4.2	3	0251 9.2 0927 2.9 M 1521 9.7 2159 2.4	18	0310 8.5 0934 3.8 TU 1526 8.8 2202 3.4	3	0324 9.5 1003 2.7 W 1553 9.8 2231 2.3	18	0304 8.6 0936 3.7 TH 1523 8.8 2204 3.3
4	0023 8.1 0711 4.1 TH 1316 8.2 2006 3.8	19	0245 7.8 0911 4.3 F 1509 8.2 2153 3.8	4	0153 8.4 0833 3.7 SA 1435 8.9 2115 3.0	19	0309 8.3 0932 4.0 SU 1526 8.6 2204 3.5	4	0353 9.9 1029 2.2 TU 1619 10.4 2257 1.8	19	0356 9.1 1024 3.2 W 1611 9.4 2249 2.8	4	0421 10.0 1102 2.2 TH 1648 10.2 2226 2.0	19	0355 9.2 1032 3.0 F 1615 9.4 2257 2.7
5	0205 8.3 0849 3.7 F 1451 8.8 2131 3.1	20	0347 8.5 1014 3.6 SA 1604 9.0 2245 3.2	5	0315 9.1 0950 2.9 SU 1545 9.8 2223 2.2	20	0358 9.0 1023 3.3 M 1612 9.3 2249 2.9	5	0446 10.6 1125 1.7 W 1710 10.9 2350 1.4	20	0437 9.7 1110 2.6 TH 1652 9.9 2333 2.4	5	0511 10.4 1154 1.9 F 1736 10.5	20	0442 9.9 1123 2.4 SA 1703 10.0 2347 2.2
6	0329 9.1 1006 2.8 SA 1601 9.8 2240 2.2	21	0433 9.2 1102 3.0 SU 1647 9.6 2327 2.6	6	0417 10.1 1052 2.0 M 1641 10.7 2321 1.4	21	0438 9.6 1106 2.7 TU 1651 9.9 2329 2.4	6	0533 11.0 1215 1.3 TH 1756 11.2 1838 11.3	21	0516 10.2 1153 2.1 F 1732 10.4	6	0015 1.8 0555 10.7 SA 1241 1.7 1819 10.7	21	0528 10.4 1212 1.9 SU 1750 10.5
7	0434 10.0 1111 2.0 SU 1659 10.7 2341 1.3	22	0513 9.8 1142 2.4 M 1725 10.1	7	0509 10.8 1148 1.3 TU 1732 11.3	22	0515 10.1 1146 2.2 W 1728 10.3	7	0037 1.2 0615 11.3 F 1301 1.2 1838 11.3	22	0015 2.0 0553 10.7 SA 1236 1.8 1811 10.7	7	0059 1.8 0635 10.9 SU 1322 1.7 1900 10.7	22	0034 1.8 0613 10.9 M 1259 1.5 1837 10.9
8	0528 10.9 1208 1.2 M 1751 11.5	23	0005 2.2 0547 10.2 TU 1220 2.1 1759 10.5	8	0014 0.9 0556 11.4 W 1238 0.9 1817 11.7	23	0008 2.0 0549 10.5 TH 1225 1.9 1820 10.6	8	0120 1.2 0655 11.3 SA 1342 1.3 1918 11.2	23	0056 1.7 0632 10.9 SU 1316 1.6 1851 10.9	8	0137 1.8 0713 10.8 M 1359 1.8 1937 10.5	23	0120 1.5 0658 11.2 TU 1345 1.2 1923 11.1
9	0036 0.7 0617 11.5 TU 1300 0.7 1838 11.9	24	0042 1.9 0620 10.5 W 1255 1.8 1832 10.7	9	0103 0.7 0639 11.7 TH 1324 0.7 1900 11.8	24	0046 1.8 0622 10.7 F 1302 1.7 1836 10.8	9	0159 1.4 0732 11.1 SU 1419 1.5 1955 10.8	24	0135 1.6 0711 11.1 M 1356 1.5 1932 10.9	9	0212 2.0 0748 10.7 TU 1433 2.0 2012 10.2	24	0205 1.4 0744 11.4 W 1430 1.1 2009 11.1
10	0127 0.4 0702 11.8 W 1348 0.5 1922 12.1	25	0116 1.7 0651 10.7 TH 1329 1.7 1903 10.9	10	0146 0.7 0719 11.7 F 1406 0.8 1940 11.6	25	0121 1.7 0655 10.9 SA 1337 1.6 1911 10.9	10	0233 1.8 0807 10.8 M 1453 2.0 2030 10.3	25	0214 1.7 0752 11.0 TU 1436 1.5 2015 10.8	10	0244 2.3 0821 10.3 W 1505 2.4 2045 9.8	25	0249 1.4 0829 11.3 TH 1515 1.2 2055 10.9
11	0212 0.3 0744 11.8 TH 1431 0.6 2004 11.9	26	0147 1.6 0722 10.8 F 1400 1.6 1934 10.9	11	0225 1.0 0757 11.4 SA 1444 1.2 2018 11.2	26	0155 1.7 0729 11.0 SU 1412 1.6 1946 10.8	11	0305 2.3 0840 10.2 TU 1525 2.5 2104 9.7	26	0253 1.9 0834 10.8 W 1518 1.8 2059 10.4	11	0315 2.7 0854 9.9 TH 1536 2.8 2119 9.4	26	0333 1.6 0915 11.0 F 1600 1.5 2140 10.5
12	0252 0.6 0823 11.6 F 1510 0.9 2043 11.4	27	0218 1.7 0752 10.8 SA 1432 1.7 2005 10.7	12	0300 1.5 0832 10.9 SU 1518 1.8 2053 10.5	27	0228 1.8 0804 10.8 M 1446 1.8 2023 10.6	12	0337 2.9 0913 9.6 W 1557 3.1 2139 9.0	27	0336 2.2 0919 10.4 TH 1603 2.2 2147 9.9	12	0347 3.1 0927 9.4 F 1608 3.2 2154 8.9	27	0418 2.0 1001 10.5 SA 1646 1.9 2228 10.0
13	0329 1.1 0859 11.0 SA 1546 1.6 2119 10.6	28	0247 1.9 0822 10.5 SU 1503 2.0 2037 10.4	13	0332 2.2 0904 10.2 M 1550 2.5 2127 9.6	28	0302 2.1 0840 10.4 TU 1523 2.2 2102 10.1	13	0410 3.6 0949 8.9 TH 1633 3.7 2221 8.3	28	0423 2.7 1009 9.8 F 1655 2.6 2240 9.4	13	0422 3.6 1004 8.9 SA 1646 3.7 2235 8.4	28	0506 2.5 1050 9.9 SU 1737 2.5 2319 9.4
14	0403 1.9 0934 10.2 SU 1620 2.4 2155 9.7	29	0318 2.2 0853 10.1 M 1536 2.4 2110 9.9	14	0404 3.0 0937 9.4 TU 1623 3.3 2203 8.7	29	0340 2.6 0920 9.9 W 1605 2.7 2146 9.5	14	0451 4.1 1035 8.3 F 1722 4.2 2320 7.9	29	0518 3.1 1107 9.3 SA 1755 3.0 2344 9.0	14	0505 4.0 1050 8.4 SU 1734 4.1 2330 8.0	29	0601 3.0 1147 9.3 M 1835 2.9
15	0436 2.8 1008 9.3 M 1655 3.3 2234 8.7	30	0351 2.8 0928 9.6 TU 1614 3.0 2150 9.2	15	0438 3.8 1015 8.6 W 1704 4.1 2252 8.0	30	0424 3.1 1009 9.3 TH 1657 3.2 2244 8.8	15	0550 4.5 1144 7.9 SA 1832 4.5	30	0626 3.4 1217 9.0 SU 1906 3.2	15	0602 4.3 1152 8.0 M 1837 4.3	30	0020 8.9 0706 3.4 TU 1256 8.9 1943 3.3
						31	0523 3.6 1115 8.8 F 1807 3.5				31	0134 8.7 0821 3.5 W 1414 8.8 2056 3.3			

Chart Datum is 5.88 metres below Ordnance Datum (Local). HAT is 12.2 metres above Chart Datum.

LUMINOUS RANGE DIAGRAM

HD574



GEOGRAPHICAL RANGE TABLE

HD5

Elevation in	Height of Eye of Observer in feet/metres																							
	3	7	10	13	16	20	23	26	30	33	39	46	52	59	66	72	79	85	92	98	115	131	14	
ft																								
m	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	22	24	26	28	30	35	40	4:	
Range in Sea Miles																								
0 0	2.0	2.9	3.5	4.1	4.5	5.0	5.4	5.7	6.1	6.4	7.0	7.6	8.1	8.6	9.1	9.5	10.0	10.4	10.7	11.1	12.0	12.8	13	
3 1	4.1	4.9	5.5	6.1	6.6	7.0	7.4	7.8	8.1	8.5	9.1	9.6	10.2	10.6	11.1	11.6	12.0	12.4	12.8	13.2	13.6	14.0	14.9	15
7 2	4.9	5.7	6.4	6.9	7.4	7.8	8.2	8.6	9.0	9.3	9.9	10.5	11.0	11.5	12.0	12.4	12.8	13.2	13.6	14.0	14.9	15.7	16	
10 3	5.5	6.4	7.0	7.6	8.1	8.5	8.9	9.3	9.6	9.9	10.6	11.1	11.6	12.1	12.6	13.0	13.5	13.9	14.3	14.6	15.5	16.4	17	
13 4	6.1	6.9	7.6	8.1	8.6	9.0	9.4	9.8	10.2	10.5	11.1	11.7	12.2	12.7	13.1	13.6	14.0	14.4	14.8	15.2	16.1	16.9	17	
16 5	6.6	7.4	8.1	8.6	9.1	9.5	9.9	10.3	10.6	11.0	11.6	12.1	12.7	13.2	13.6	14.1	14.5	14.9	15.3	15.7	16.6	17.4	18	
20 6	7.0	7.8	8.5	9.0	9.5	9.9	10.3	10.7	11.1	11.4	12.0	12.6	13.1	13.6	14.1	14.5	14.9	15.3	15.7	16.1	17.0	17.8	18	
23 7	7.4	8.2	8.9	9.4	9.9	10.3	10.7	11.1	11.5	11.8	12.4	13.0	13.5	14.0	14.5	14.9	15.3	15.7	16.1	16.5	17.4	18.2	19	
26 8	7.8	8.6	9.3	9.8	10.3	10.7	11.1	11.5	11.8	12.2	12.8	13.3	13.9	14.4	14.8	15.3	15.7	16.1	16.5	16.9	17.8	18.6	19	
30 9	8.1	9.0	9.6	10.2	10.6	11.1	11.5	11.8	12.2	12.5	13.1	13.7	14.2	14.7	15.2	15.6	16.0	16.4	16.8	17.2	18.1	18.9	19	
33 10	8.5	9.3	9.9	10.5	11.0	11.4	11.8	12.2	12.5	12.8	13.5	14.0	14.5	15.0	15.5	15.9	16.4	16.8	17.2	17.5	18.4	19.3	20	
36 11	8.8	9.6	10.3	10.8	11.3	11.7	12.1	12.5	12.8	13.2	13.8	14.3	14.9	15.4	15.8	16.3	16.7	17.1	17.5	17.9	18.8	19.6	20	
39 12	9.1	9.9	10.6	11.1	11.6	12.0	12.4	12.8	13.1	13.5	14.1	14.6	15.2	15.7	16.1	16.6	17.0	17.4	17.8	18.2	19.1	19.9	20	
43 13	9.4	10.2	10.8	11.4	11.9	12.3	12.7	13.1	13.4	13.7	14.4	14.9	15.4	15.9	16.4	16.8	17.3	17.7	18.1	18.4	19.3	20.2	20	
46 14	9.6	10.5	11.1	11.7	12.1	12.6	13.0	13.3	13.7	14.0	14.6	15.2	15.7	16.2	16.7	17.1	17.6	18.0	18.3	18.7	19.6	20.4	21	
49 15	9.9	10.7	11.4	11.9	12.4	12.8	13.2	13.6	14.0	14.3	14.9	15.5	16.0	16.5	17.0	17.4	17.8	18.2	18.6	19.0	19.9	20.7	21	
52 16	10.2	11.0	11.6	12.2	12.7	13.1	13.5	13.9	14.2	14.5	15.2	15.7	16.2	16.7	17.2	17.7	18.1	18.5	18.9	19.2	20.1	21.0	21	
56 17	10.4	11.2	11.9	12.4	12.9	13.3	13.7	14.1	14.5	14.8	15.4	16.0	16.5	17.0	17.4	17.9	18.3	18.7	19.1	19.5	20.4	21.2	22	
59 18	10.6	11.5	12.1	12.7	13.2	13.6	14.0	14.4	14.7	15.0	15.7	16.2	16.7	17.2	17.7	18.1	18.6	19.0	19.4	19.7	20.6	21.5	22	
62 19	10.9	11.7	12.4	12.9	13.4	13.8	14.2	14.6	14.9	15.3	15.9	16.5	17.0	17.5	17.9	18.4	18.8	19.2	19.6	20.0	20.9	21.7	22	
66 20	11.1	12.0	12.6	13.1	13.6	14.1	14.5	14.8	15.2	15.5	16.1	16.7	17.2	17.7	18.2	18.6	19.0	19.4	19.8	20.2	21.1	21.9	22	
72 22	11.6	12.4	13.0	13.6	14.1	14.5	14.9	15.3	15.6	15.9	16.6	17.1	17.7	18.1	18.6	19.1	19.5	19.9	20.3	20.7	21.5	22.4	23	
79 24	12.0	12.8	13.5	14.0	14.5	14.9	15.3	15.7	16.0	16.4	17.0	17.6	18.1	18.6	19.0	19.5	19.9	20.3	20.7	21.1	22.0	22.8	23	
85 26	12.4	13.2	13.9	14.4	14.9	15.3	15.7	16.1	16.4	16.8	17.4	18.0	18.5	19.0	19.4	19.9	20.3	20.7	21.1	21.5	22.4	23.2	24	
92 28	12.8	13.6	14.3	14.8	15.3	15.7	16.1	16.5	16.8	17.2	17.8	18.3	18.9	19.4	19.8	20.3	20.7	21.1	21.5	21.9	22.8	23.6	24	
98 30	13.2	14.0	14.6	15.2	15.7	16.1	16.5	16.9	17.2	17.5	18.2	18.7	19.2	19.7	20.2	20.7	21.1	21.5	21.9	22.2	23.1	24.0	24	
115 35	14.0	14.9	15.5	16.1	16.6	17.0	17.4	17.8	18.1	18.4	19.1	19.6	20.1	20.6	21.1	21.5	22.0	22.4	22.8	23.1	24.0	24.9	25	
131 40	14.9	15.7	16.4	16.9	17.4	17.8	18.2	18.6	18.9	19.3	19.9	20.4	21.0	21.5	21.9	22.4	22.8	23.2	23.6	24.0	24.9	25.7	26	
148 45	15.7	16.5	17.1	17.7	18.2	18.6	19.0	19.4	19.7	20.0	20.7	21.2	21.7	22.2	22.7	23.2	23.6	24.0	24.4	24.7	25.6	26.5	27	
164 50	16.4	17.2	17.9	18.4	18.9	19.3	19.7	20.1	20.5	20.8	21.4	22.0	22.5	23.0	23.4	23.9	24.3	24.7	25.1	25.5	26.4	27.2	28	
180 55	17.1	17.9	18.6	19.1	19.6	20.0	20.4	20.8	21.2	21.5	22.1	22.7	23.2	23.7	24.1	24.6	25.0	25.4	25.8	26.2	27.1	27.9	28	
197 60	17.8	18.6	19.3	19.8	20.3	20.7	21.1	21.5	21.8	22.2	22.8	23.3	23.9	24.3	24.8	25.3	25.7	26.1	26.5	26.9	27.7	28.6	29	
213 65	18.4	19.2	19.9	20.4	20.9	21.4	21.7	22.1	22.5	22.8	23.4	24.0	24.5	25.0	25.5	25.9	26.3	26.7	27.1	27.5	28.4	29.2	30	
230 70	19.0	19.9	20.5	21.1	21.5	22.0	22.4	22.7	23.1	23.4	24.0	24.6	25.1	25.6	26.1	26.5	26.9	27.4	27.7	28.1	29.0	29.8	30	
246 75	19.6	20.5	21.1	21.7	22.1	22.6	23.0	23.3	23.7	24.0	24.6	25.2	25.7	26.2	26.7	27.1	27.5	27.9	28.3	28.7	29.6	30.4	31	

Channel Islands

		N/W		metres miles				
GUERNSEY—(contd)								
1558	-- Ldg Lts 286°. Front. S Pier. Head	49 28·9 2 30·8	F R	3	5	Post 2	Vis 230°-340°(110°)	
1558·1	--- Rear. 390m from front	49 29·0 2 31·0	F G	13	..	Clock tower 12	2 F R(vert) on 2 chimneys 300m N	
1559	- Brehon	49 28·3 2 29·2	Iso W 4s	19	9	Beacon on round tower		
1560	- ST PETER PORT. Ldg Lts 220°. Castle Breakwater. Head. Front	49 27·4 2 31·4	Al WR 10s	14	16	Dark round granite tower, white on NE side 12	<i>lt</i> W7·5, R2·5. Vis 187°-007°(180°). Unintens landward. RC (synchronised with fog signal) <i>bl</i> 2·5	
			Horn 15s	..	..	..
1560·1	--- Belvedere. Rear	49 26·9 2 31·9	Oc W 10s	61	14	White □, orange stripe, on white tower 4	<i>ec</i> 2·5. Vis 179°-269°(90°), intens 217°-223°(6°)	
1562	-- White Rock Pier. Head	49 27·4 2 31·5	Oc G 5s	11	14	Round stone tower 10	<i>ec</i> 1. Intens 174°-354°(180°). Traffic signals	
1567	-- Fish Quay. NW end	49 27·3 2 31·8	F R	2				
1567·2	--- SW end	49 27·3 2 31·9	F R	2				
1569	- Victoria Marina. Ldg Lts 265°. Front. South Pier. Head	49 27·4 2 31·9	Oc R 5s	10	14	White framework tower, red lantern 7	<i>ec</i> 1	
1569·1	---- Rear. 160m from front	49 27·4 2 32·1	Iso R 2s	22	3	..	Vis 260°-270°(10°)	
1570	-- Queen Elizabeth II Marina. Dir Lt 270°	49 27·8 2 31·8	Dir Oc WRG 3s	5	6	..	G258°-268°(10°), W268°-272°(4°), R272°-282°(10°)	
1574	- St Martin's Point	49 25·3 2 31·7	Fl(3)WR 10s	15	14	Flat-roofed white concrete building 5	<i>fl</i> 1, <i>ec</i> 1·5, <i>fl</i> 1, <i>ec</i> 1·5, <i>fl</i> 1, <i>ec</i> 4, R185°-191°(6°), W191°-011°(180°), R011°-081°(70°) <i>bl</i> 1, <i>si</i> 2·5, <i>bl</i> 1, <i>si</i> 2·5, <i>bl</i> 1, <i>si</i> 22	
			Horn(3) 30s	..	..	..
1580	- Les Hanois (T)	49 26·2 2 42·1	Fl(2)W 13s	33	20	Grey round granite tower, black lantern 33	<i>fl</i> 0·1, <i>ec</i> 3·1, <i>fl</i> 0·1, <i>ec</i> 9·7. Vis 294°-237°(303°). Helicopter landing platform above lantern. 4 F R on masts 1·7M ESE <i>bl</i> 3, <i>si</i> 2, <i>bl</i> 3, <i>si</i> 52	
			Horn(2) 60s	..	..	..
JERSEY								
1584	- Sorel Point	49 15·7 2 09·4	LFl WR 7·5s	50	15	Black and white chequered round concrete tower 3	<i>fl</i> 2. W095°-112°(17°), R112°-173°(61°), W173°-230°(57°), R230°-269°(39°), W269°-273°(4°). F R lights on radio tower 1·25M ESE	
1585	- Bonne Nuit Bay. Ldg Lts 223°. Pier. Head. Front	49 15·1 2 07·0	F G	7	6	White column		
1585·1	--- Rear. 170m from front	49 15·1 2 07·2	F G	34	6	Red day mark		
1585·5	- Rozel Bay. Dir Lt 245°	49 14·3 2 02·7	Dir F WRG	11	5	White column	G240°-244°(4°), W244°-246°(2°), R246°-250°(4°)	
1586	- St Catherine Bay. Verclut Breakwater. Head	49 13·4 2 00·5	Fl W 1·5s	18	13	White framework tower 9	<i>fl</i> 0·2	
1588	- GOREY. Ldg Lts 298°. Pier. Head. Front	49 11·9 2 01·3	Oc RG 5s	8	12	White metal framework tower 5	<i>ec</i> 1. R304°-353°(49°), G353°-304°(311°)	
1588·1	--- Rear. 490m from front	49 12·0 2 01·6	Oc R 5s	24	8	White, □ orange sides, on stone wall 1	<i>ec</i> 1	
1594	- Ldg Lts 082°. La Grève d'Azette. Front	49 10·2 2 05·0	Oc W 5s	23	14	Red □ on white metal framework tower 20	<i>ec</i> 1. Vis 034°-129°(95°)	

Channel Islands

		N/W	metres miles			
JERSEY—(contd)						
1616	- Noirmont Point	49 10:0 2 10:0	Fl(4)W 12s	18 13	Black tower, white band 10	<i>fl 0-7, ec 1-5</i> × 3, <i>fl 0-7, ec 4-7</i>
1620	- La Corbière	49 10:8 2 14:9 ..	Iso WR 10s Horn Mo(C) 60s	36	W18 R16 White round stone tower 19 ..	W shore-294°, R294°-328°(34°), W328°-148°(180°), R148°-shore, RC <i>bl 3, si 1, bl 1, si 1, bl 3, si 1, bl 1, si 49</i>
1621	--	49 10:9 2 14:3	F R	.. ..	..	Vis 331°-151°(180°), except where obscured by 2 buildings
1622	- Grosnez Point	49 15:5 2 14:7	Fl(2)WR 15s	50	W19 R17 White concrete hut	<i>fl 0-7, ec 1-5, fl 0-8, ec 12</i> , W081°-188°(107°), R188°-241°(53°)
1625	- NW Minquiers (T)	48 59:7 2 20:5 ..	Q W Bell	.. .. .. ..	5 ..	⚓ on yellow buoy, black top Wave activated
1626	- SW Minquiers (T)	48 54:4 2 19:3 ..	Q(9)W 15s Whis	.. .. .. ..	5 ..	⚓ on yellow buoy, black band Wave activated

France — North Coast

DIÉLETTE						
1632	- Breakwater. W	49 33:2 1 51:7	Iso WRG 4s	12	W10 R 7 G 7 White tower, green top 11	G070°-135°(65°), W135°-145°(10°), R145°-180°(35°)
1632-1	-- Head	49 33:2 1 51:7	Fl G 4s	6 2	..	Vis 115°-358°(243°)
1632-2	-- N. Head	49 33:3 1 51:7	Fl R 4s	8 5	White metal mast, red top 6	
1632-3	- Basin corner	49 33:2 1 51:6	Fl(2)R 6s	6 1	Metal post 3	<i>fl 0-2, ec 1-4, fl 0-2, ec 4-2</i>
1632-4	--	49 33:2 1 51:6	Fl(2)G 6s	6 2	..	Vis 115°-358°(243°)
1638	Cap de Carteret - 180m SW	49 22:4 1 48:4 ..	Fl(2+1)W 15s Horn(3) 60s	81	26 .. Grey tower, green top 18 ..	<i>fl 0-3, ec 2-3, (fl 0-3, ec 5-9) × 2</i> , Sig Sm. R lights on pylon 80m NNE <i>bl 2, si 3, bl 2, si 3, bl 2, si 48</i>
CARTERET						
1640	- Jetée Ouest. Head	49 22:1 1 47:2	Oc R 4s	7 7	White metal post, red top 3	<i>ec 1</i>
1641	- Training Wall. Head	49 22:2 1 47:2	Fl G 2-5s	4 2	White metal post, green top 3	<i>fl 0-5</i>
1642	-	49 22:6 1 47:1	Fl(2)R 6s	5 1	Red metal pylon 3	<i>fl 0-2, ec 1-4, fl 0-2, ec 4-2</i>
1642-2	-	49 22:6 1 47:1	Fl(2)G 6s	5 1	Green metal pylon 3	<i>fl 0-2, ec 1-4, ec 0-2, ec 4-2</i>
1643	-	49 22:7 1 46:7	Fl(3)R 12s	.. ..	Red metal pylon 3	<i>fl 1, ec 1-5, fl 1, ec 1-5, fl 1, ec 6</i>
1643-2	-	49 22:7 1 46:7	Fl(3)G 12s	.. ..	Green metal pylon 3	<i>fl 1, ec 1-5, fl 1, ec 1-5, fl 1, ec 6</i>
PORT DE PORTBAIL						
1644	- Ldg Lts 042°, La Caillourie. Front	49 19:8 1 42:5	Q W	14 10	White pylon, red top 8	
1644-1	-- Rear. 870m from front	49 20:2 1 41:9	Oc W 4s	20 10	Belfry 35	<i>ec 1</i>
1646	- Training wall. Head	49 19:5 1 43:0	Q(2)R 5s	5 1	White mast, red top 7	<i>fl 0-2, ec 0-8, fl 0-2, ec 3-8</i>
1648	Le Sénéquet	49 05:5 1 39:7	Fl(3)WR 12s	18	W13 R10 White tower 26	<i>fl 1, ec 1-5, fl 1, ec 1-5, fl 1, ec 6</i> , R083°-5°-116°-5°(33°), W116°-5°-083°-5°(327°), R lights on mast 7M NE

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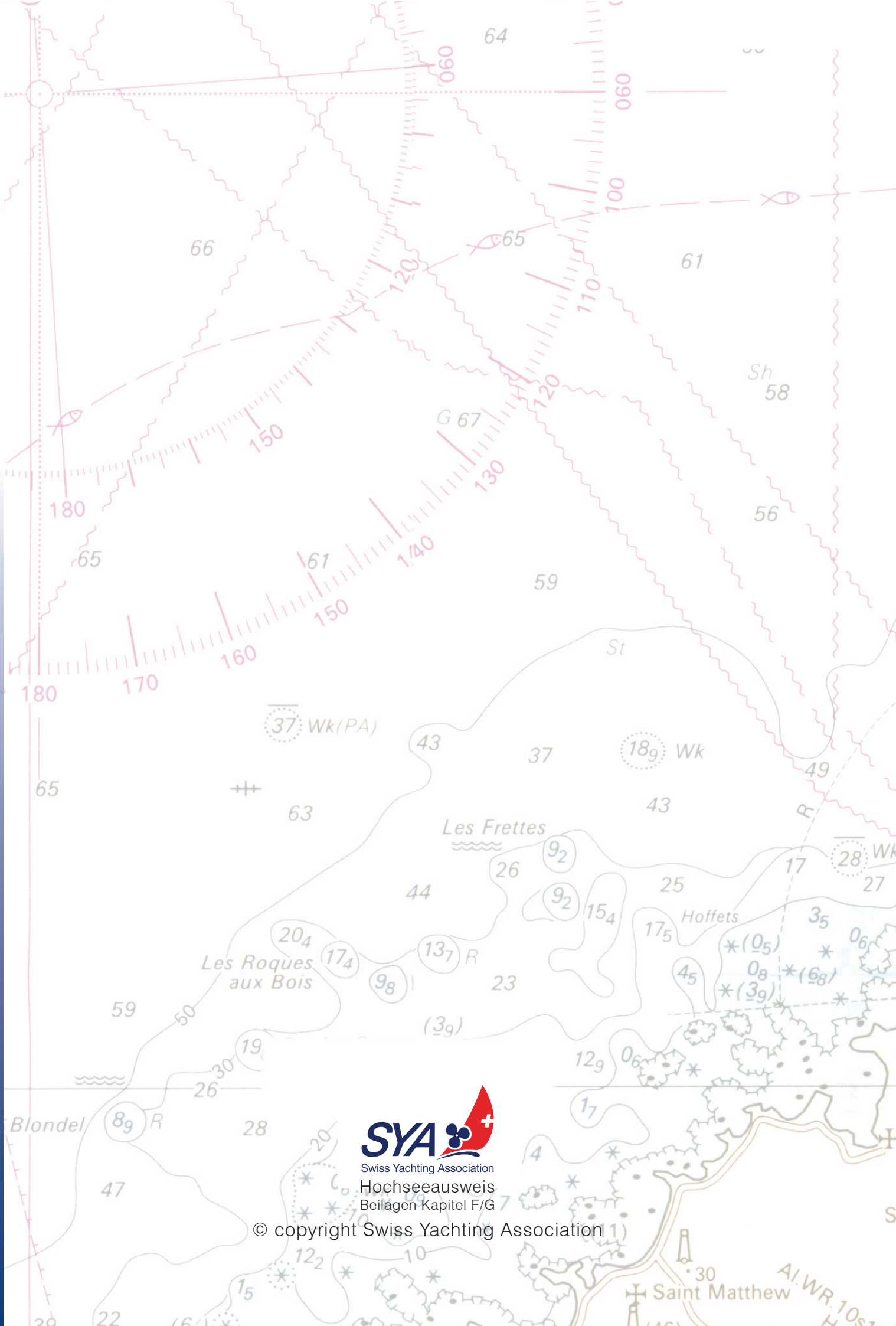
		N/W		metres	miles		
1649	Le Ronquet	49 00-1 1 38-1	Fl(2)WR 6s	11	W 6 R 4	Black $\frac{2}{3}$ on black tower, red band	<i>fl 1, ec 1, fl 1, ec 3.</i> R100°-293°(193°), W293°-100°(167°)
	REGNÉVILLE						
1650	- Pointe d'Agon	49 00-2 1 34-6	Oc(2)WR 6s	12	W10 R 7	White tower, red top, white dwelling 12	<i>ec 1, lt 1, ec 1, lt 3.</i> R063°-110°(47°), W110°-063°(313°)
1651	- Dir Lt 028°	49 00-7 1 33-3	Dir Oc WRG 4s	9	W12 R 9 G 9	House 6	<i>ec 1.</i> G024°-027°(3°), W027°-029°(2°), R029°-033°(4°)
	ÎLES CHAUSEY						
1654	- Îles Chausey. Grande Île. SE point - 80m SE	48 52-2 1 49-3	Fl W 5s Horn 30s	39	23	Grey square tower 19	<i>fl 0-3</i> <i>bl 3</i>
1655	- La Crabière Est	48 52-5 1 49-4	Oc WRG 4s	5	W 9 R 6 G 6	Yellow and black pylon 11	<i>ec 1.</i> W079°-291°(212°), G291°-329°(38°), W329°-335°(6°), R335°-079°(104°)
1656	Le Pignon	48 53-5 1 43-4	Oc(2)WR 6s	10	W11 R 8	Yellow and black tower 20	<i>ec 1, lt 1, ec 1, lt 3.</i> R005°-150°(145°), W150°-005°(215°)
	PORT DE GRANVILLE						
1660	- Pointe du Roc	48 50-1 1 36-8	Fl(4)W 15s Horn (4) 60s	49	23	Grey tower, red top 16	<i>(fl 0-2, ec 2-3) × 3, fl 0-2, ec 7-3</i> <i>(bl 2, si 3) × 3, bl 2, si 43. TD 1996</i>
1662	- Jetée Ouest. Head	48 49-9 1 36-3	Iso R 4s	12	6	Red pylon 9	
1664	- Jetée Est. Head	48 50-0 1 36-2	Iso G 4s	11	6	White pylon, green top, on hut 8	
1666	- Le Loup	48 49-6 1 36-2	Fl(2)W 6s	8	11	Black tower, red band 24	<i>fl 1, ec 1, fl 1, ec 3. Ra refl</i>
1668	- Hével. Marina. Digue Principale. Head	48 49-9 1 35-9	Fl R 4s Horn(2) 40s	12	8	White round tower, red top 9	<i>fl 1</i> <i>bl 2, si 3, bl 2, si 33. TD 1999</i>
1668-2	--- Secondary Mole. Head	48 50-0 1 35-9	Fl G 4s	4	5	Green structure 13	<i>fl 1. Shelter mole marked by 5 Fl Bu 4s 3M</i>
1668-4	-- Entrance to Basin. W side	48 50-0 1 35-9	Oc R 4s	4	5	Grey pylon, red top 13	<i>ec 1</i>
1668-6	--- E side	48 50-0 1 35-9	Oc G 4s	4	5	Grey pylon, green top 13	<i>ec 1</i>
1670	La Pierre-de-Herpin	48 43-8 1 48-9	Oc(2)W 6s Siren Mo(N) 60s	20	17	White tower, black top and base 28	<i>ec 1, lt 1, ec 1, lt 3</i> <i>bl 3, si 3, bl 1, si 53. Sounded in daylight</i>
1672	La Houle-sous-Cancale. Jetty. Head	48 40-1 1 51-1	Oc(3)G 12s	12	7	White pylon, green top, green hut 11	<i>(ec 1-5, lt 1-5) × 2, ec 1-5, lt 4-5.</i> Obscured when bearing less than 223°
	PORT SAINT MALO						
1674	- Les Courtis	48 40-5 2 05-7	Fl(3)G 12s	14	7	Green tower 21	<i>fl 1, ec 1-5, fl 1, ec 1-5, fl 1, ec 6</i>
1675	- La Plate	48 40-8 2 01-9	Fl WRG 4s	11	W10 R 7 G 7	Black and yellow tower 22	<i>fl 1.</i> W140°-203°(63°), R203°-210°(7°), W210°-225°(15°), G225°-140°(275°)
1676	- Ldg Lts 089°06'. Le Grand Jardin S end. Front	48 40-2 2 04-9	Fl(2)R 10s	24	15	Grey tower, red top 38	<i>fl 0-3, ec 2-2, fl 0-3, ec 7-2.</i> In line 129-7° with A1686-1 leads through the channel of Petite Port. Obscured by Cap Fréhel when bearing less than 097°, by Île de Cézembre 220°-233°(13°), by Grande Conchée 241°-243°(2°), by Grande Chevreun and Pointe du Meinga when bearing more than 251°. RC. TR 1998

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		N/W		metres	miles		
1703	Le Rohein	48 38-9 2 37-8	VQ(9)WRG 10s	13	W10 R 7 G 7	Yellow tower, black band 15	R072°-105°(33°), W105°-180°(75°), G180°-193°(13°), W193°-237°(44°), G237°-282°(45°), W282°-301°(19°), G301°-330°(29°), W330°-072°(102°)
1704	Dahouet. La-Petite-Muette	48 34-9 2 34-3	Fl WRG 4s	10	W 9 R 6 G 6	△ on green and white tower 17	fl 1. G055°-114°(59°), W114°-146°(32°), R146°-196°(50°)
1705	- Entrance	48 34-8 2 34-2	Fl(2)G 6s	5	1	Green metal pylon 6	fl 0-2, ec 1-4, fl 0-2, ec 4-2. Vis 156°-286°(130°)
1708	Le Légué. Point à l'Aigle. Jetty	48 32-2 2 43-1	VQ G	13	8	White tower, green top 14	Vis 160°-070°(270°)
1709	- Custom House Jetty	48 31-9 2 43-5	Iso G 4s	6	2	White columns, green top 9	
1710	Binic. Môle de Penthièvre. Head	48 36-1 2 49-0	Oc(3)W 12s	12	11	White tower, green lantern 12	(ec 1-5, lt 1-5) × 2, ec 1-5, lt 4-5. Unintens 020°-110°(90°)
PORTRIEUX							
1712	- Port d'échouage. N Môle. Head	48 38-7 2 49-4	Fl G 2-5s	11	2	White and green 8-sided metal tower 12	fl 0-5. Vis 265°-155°(250°)
1713	-- S Môle. Head	48 38-7 2 49-4	Fl R 2-5s	8	2	White mast, red top 6	fl 0-5
1713-5	- Port en eau profonde. NE Môle. Head	48 38-9 2 48-9	Fl(3)G 12s	10	2	Green tower 6	fl 0-5, ec 2, fl 0-5, ec 2, fl 0-5. ec 6-5
1713-55	--- Elbow	48 39-0 2 49-1	Dir Iso WRG 4s	16	W15 R11 G11	Concrete tower 12	W159°-179°(20°), G179°-316°(137°), W316°-320-5°(4-5°), R320-5°-159°(198-5°). Reserve light ranges 12-9M
1713-6	-- SE Môle. Head	48 38-9 2 49-1	Fl(3)R 12s	10	2	Red tower 6	fl 0-5, ec 2, fl 0-5, ec 2, fl 0-5, ec 6-5
ROCHES DE SAINT-QUAY							
1714	- Île Harbour	48 40-0 2 48-5	Oc(2)WRG 6s	16	W10 R 8 G 8	White tower and dwelling, red top 13	ec 1, lt 1, ec 1, lt 3. R011°-133°(122°), G133°-270°(137°), R270°-306°(36°), G306°-358°(52°), W358°-011°(13°)
1714-5	- Herflux. Dir Lt 130°	48 39-1 2 47-9	Dir Fl(2)WRG 6s	10	W 8 R 6 G 6	⊘ on black tower, yellow top	fl 0-2, ec 1-4, fl 0-2, ec 4-2. G115°-125°(10°), W125°-135°(10°), R135°-145°(10°)
1716	Le Grand-Léjon	48 44-9 2 39-9	Fl(5)WR 20s	17	W18 R14	Red tower, white bands 25	(fl 0-1, ec 2-7) × 4, fl 0-1, ec 8-7. R015°-058°(43°), W058°-283°(225°), R283°-350°(67°), W350°-015°(25°)
1720	L'Ost-Pic	48 46-8 2 56-5	Oc WR 4s	20	W11 R 8	2 white towers, red tops 15	ec 1. W105°-116°(11°), R116°-221°(105°), W221°-253°(32°), R253°-291°(38°), W291°-329°(38°). Obscured by islets near Bréhat when bearing less than 162°
PAIMPOL							
1722	- Pointe de Porz-Don	48 47-5 3 01-6	Oc(2)WR 6s	13	W15 R11	White house 8	ec 1, lt 1, ec 1, lt 3. W269°-272°(3°), R272°-279°(7°)
1724	- Kernoa. Ldg Lts 262-2°. Front	48 47-1 3 02-4	F R	5	7	White and red hut 4	
1724-1	--- Rear. 370m from front. Kerpallud	48 47-1 3 02-6	Dir F R	12	14	White pylon, red top 10	Intens 260-2°-264-2°(4°)
1726	La Horaine	48 53-5 2 55-3	Fl(3)W 12s	13	11	Grey 8-sided tower on black hut 23	fl 1, ec 1-5, fl 1, ec 1-5, fl 1, ec 6
1730	Barnouic	49 01-7 2 48-4	VQ(3)W 5s	15	7	⊘ on black 8-sided tower, yellow band, white base 19	Reserve light

Ablenkungstabelle

MgK resp. mwK	Ablenkung
0	-2
10	+1
20	+3
30	+5
40	+7
50	+8
60	+9
70	+10
80	+10
90	+10
100	+9
110	+8
120	+7
130	+6
140	+6
150	+5
160	+4
170	+3
180	+2
190	+2
200	+1
210	-1
220	-2
230	-3
240	-4
250	-5
260	-6
270	-8
280	-9
290	-9
300	-10
310	-10
320	-9
330	-8
340	-6
350	-4
360	-2



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