

**Bestimmung der Wassertiefe in der Nähe eines Standard Ports, aufgrund einer Lotung zu einer bestimmten Zeit.**

**F1** Am 7. April 2021, um 18:40 h zeigt das Echolot in der Bucht bei PORTSMOUTH 3.5 m an. Unsere Yacht hat 2.2 m Tiefgang, wir setzen Anker. Leider haben wir keine genaue Kartenangabe an unserem Ankerplatz.

Frage: Gesucht ist die Kartentiefe?

- a) Die Kartentiefe ist -1.2 m, wir können nur etwa 2 Std. bleiben.
- b) Die Kartentiefe ist 1.0 m, wir sollten einen tieferen Ankerplatz aufsuchen .
- c) Die Kartentiefe ist 1.3 m, wir könnten sogar über Nacht bleiben.
- d) Die Kartentiefe ist - 0.7 m, wir können nicht über Nacht bleiben.

Standard Port	PORTSMOUTH
Secondary Port	
Datum	7.4.21
Zeit	18:40
Tiefgang	2.2
Reserve	
Kartentiefe	?
Wassertiefe	3.5

## 9.2.19 COWES/RIVER MEDINA

Isle of Wight 50°46'·08N 01°17'·95W 🌸🌸🌸🌸🌸🌸🌸🌸

**CHARTS** AC 5600, 2036, 2793; Imray C3, C15, 2200

**TIDES** +0029 Dover; ML 2·7

**Standard Port PORTSMOUTH (→); Tidal Curve see 9.2.17 (←)**

Times				Height (metres)			
High Water		Low Water		MHWS	MHWN	MLWN	MLWS
0000	0600	0500	1100	4·7	3·8	1·9	0·8
1200	1800	1700	2300				
<b>Differences COWES</b>							
-0015	+0015	0000	-0020	-0·5	-0·3	-0·1	0·0
<b>FOLLY INN</b>							
-0015	+0015	0000	-0020	-0·6	-0·4	-0·1	+0·2
<b>NEWPORT</b>							
ND	ND	ND	ND	-0·6	-0·4	+0·1	+0·8

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1200	1800				
	0500				
	1100				
	1700				
	2300				
<b>Differences COWES</b>					
-0015	+0015	0000	-0020	-0·5	-0·3
				-0·1	0·0
<b>FOLLY INN</b>					
-0015	+0015	0000	-0020	-0·6	-0·4
				-0·1	+0·2
<b>NEWPORT</b>					
ND	ND	ND	ND	-0·6	-0·4
				+0·1	+0·8

**NOTE:** Double HWs occur at/near Sp. At other times there is a stand of about 2hrs. Times are for the middle of the stand. See 9.2.17.

**SHELTER** Excellent now that outer hbr is protected from N/NE winds by outer bkwr. ⚠ prohib in hbr. 10 large ⚠s off The Green; pontoons S of chain ferry on both sides of river and in Folly Reach and several marinas. Good ⚠ in Osborne Bay, 2M E, sheltered from SE to W but exposed to wash from large ships.

**NAVIGATION** WPT 50°46'·35N 01°18'·0W, 173°2·7ca to mid chan between Nos 1 and 2 buoys. Shrape Mud, on the E side of the hbr, extends to Old Castle Pt. Eastern Channel for small craft <20m runs from the fairway to Shrape Bn. It is dredged to 2·5m below CD, 35m wide at its narrowest and bounded by lateral marks. It is an alternative route recommended for vessels sailing to/fm the East R Medina is navigable to Newport, but dries S of Folly Inn.

- Yachts should use engines. Sp limit 6kn enforced in hbr.
- Strong tidal streams run between HW-2½ and HW setting vessels towards W shore in Inner Fairway; see next page
- No sailing through or ⚠ amongst moorings.
- Craft should not depart in fog visibility <2ca.
- Beware frequent ferry movements, High-Speed to W Cowes, large RoRo ferries to E Cowes, and commercial shipping.
- RoRo ferries use thrust when manoeuvring at E Cowes causing considerable turbulence across the river. Hi-Speed ferries turn short round to stbd when appr Jubilee Pontoon.
- All vessels <20m must give way to the chain ferry which displays a Y FI It when about to depart and under way; daily 0530-0030, Sun 0635-0030. Beware ebb (4·5kn at Sp) in its vicinity.

**LIGHTS AND MARKS** See 9.2.4 and chartlet. Outer b'water marked along its length by 5 sync lts FI Y 2.5s. Small craft chan is marked by Shrape Bn LFI R 10s 3m 3M, and paired PHM and SHM with 3 lit Y SPM and R Bn, L FI R 5s where it joins fairway.

**COMMUNICATIONS** (Code 01983 (entire loW)) ☎ (02380) 228844; ☎ 524081; Dr 294902; Cowes HM 293952; Monitor *Cowes Hbr Radio* VHF Ch 69 for hbr launches and HM's ⚠s. Yachts >20m LOA should advise arr/dep, and call *Chain Ferry* Ch 69 if passing. Marinas Ch 80. Harbour taxi 07855 767918; *Hbr Taxi* Ch 77 or *Sally Water Taxi* 07831 331717/299033; *Water Taxi* Ch 06. Casualties: (Ch 16/69) for ambulance at S end of Trinity Landing.

**FACILITIES** www.cowes.co.uk / www.cowesharbourcommission.co.uk from seaward: **RYS Haven** (strictly members only).

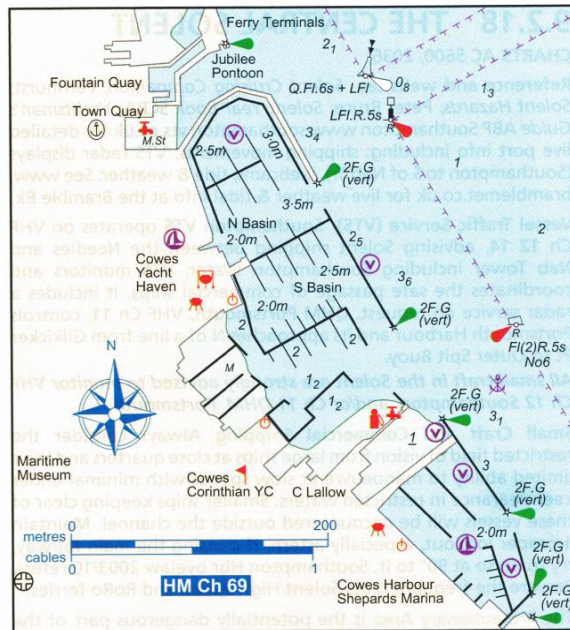
**Trinity Landing**, on The Parade, short stay on inner side only, pick-up/landing on outer side, call HM Ch 69. The concentration of wash W of the b'water impinges on the pontoon which can be lively.

**Cowes Yacht Haven** www.cowesyachthaven.com ☎299975, 35+200 ⚠, £3·00, ⚠ (35t) ⚠ (12t) X.

**Cowes Harbour Shepards Marina**, www.shepards.co.uk ☎297821, ⚠30+100⚠ £2·95 (£3·35 Fri/Sat) ⚠ (35t) ⚠ (12t) X wi-fi. UKSA ☎294941, info@uksa.org, 5+ ⚠, £3·30, ⚠ X ⚠.

**East Cowes Marina** www.eastcowesmarina.co.uk ☎293983, 230+150⚠ £3·00, ⚠ (35t) ⚠ (12t) X wi-fi.

**Town** All marine services and facilities.



↳ Town Quay, Trinity Landing, and Whitegates public pontoon.

**Fuel** Lallows ⚠, Cowes Hbr Fuels pontoon off Souters ⚠.

**Scrubbing berths** Town Quay, UKSA, Sealift, Folly Inn.

**Ferries** Red Funnel www.redfunnel.co.uk to/from Southampton:

☎(02380) 334010 Car/pax – E Cowes; foot pax – W Cowes.

**Chain Ferry** ☎293041, W/E Cowes.

**YACHT CLUBS** Royal Yacht Squadron ☎292191; **Island SC** ☎296621;

**Royal Corinthian YC** ☎293581; **Royal London YC** ☎299727;

**Cowes Corinthian YC** ☎296333; **RORC** ☎295144 (Cowes Week);

**E Cowes SC** www.eastcowessc.co.uk ☎531687.

**Cowes Combined Clubs** ccc@cowesweek.co.uk ☎295744.

#### RIVER MEDINA, FOLLY REACH TO NEWPORT

**FOLLY REACH**, 50°44'·03N 01°16'·99W. Above Medham min depth 0·6m to S Folly bn. ⚠ on ⚠ pontoons off W bank (£1-25). *Folly Launch* Ch 72/☎07884 400046; *Folly Waterbus* ☎07974 864627.

**Folly Inn** ☎297171, ⚠ ⚠ scrubbing berth ⚠ (pontoon) for 9⚠(max LOA 40') £1·80.

**Island Harbour Marina** (5ca S of Folly Inn) island-harbour.co.uk ☎539994, ⚠ 96+20⚠ £3·20 (£2·80 midweek), ⚠ (50t) ⚠ (12t) X. Call *Island Harbour Control* on Ch 80 on entering Folly Reach. Excellent shelter; approach via marked channel (dries approx 0·1m) with waiting pontoon to stbd, withies to port. Access HW±3 (draught 1·5m) via lock (width 7·9m) 0800-1730, or by arrangement.

**NEWPORT**, 50°42'·21N 01°17'·43W. HM ☎525994/ 07970 009589. VHF Ch 69. Tides: Special treatment is required as the hbr dries 1·4m. Use the LW time and height differences for Cowes, and the HW height differences for Newport. Above Island Hbr Marina the chan to Newport (1·2M) dries, but from HW Portsmouth -1½ to +2 it carries 2m or more. S from Folly Inn, the Hbr Authority is loW Council. Sp limit 6kn to Sealclose, S of Newport Rowing Club (NRC); thence 4kn to Newport. Buoyed and partially lit chan favours W bank. Power lines have 33m clearance. 192° ldg marks/lts are W ⚠ bns (lit) on E bank.

**Odessa Boatyard** ☎524337, odessaboatyard@hotmail.co.uk 75+5⚠s on pontoons downstream on W side £1·50, ⚠ (35t) ⚠ (12t) X slipway (35t) ⚠ (6t) X.

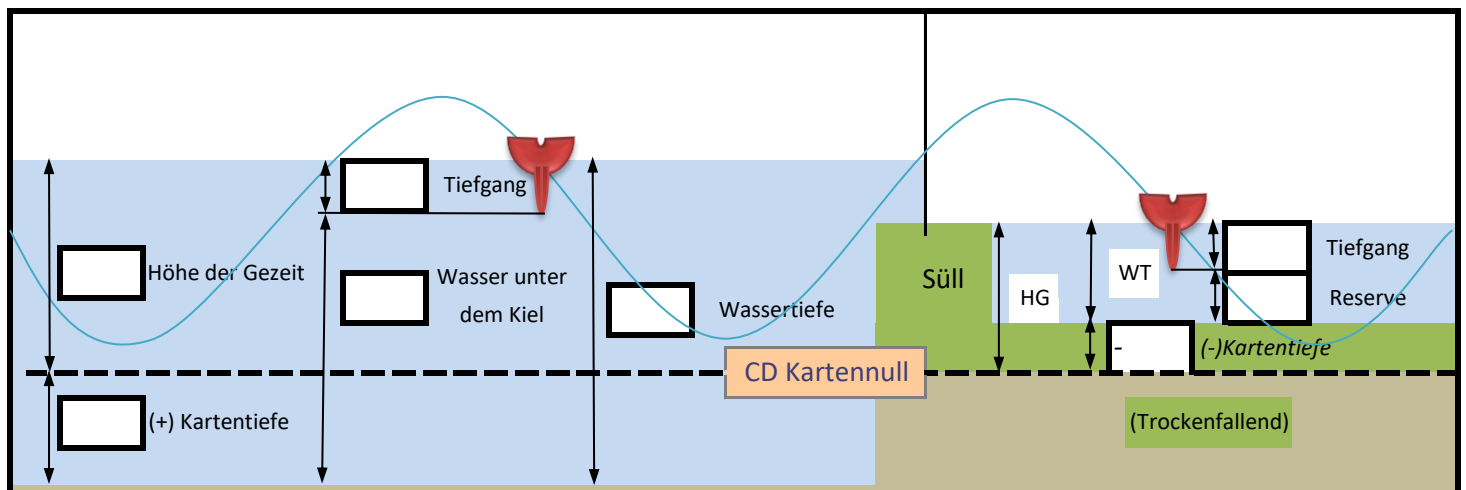
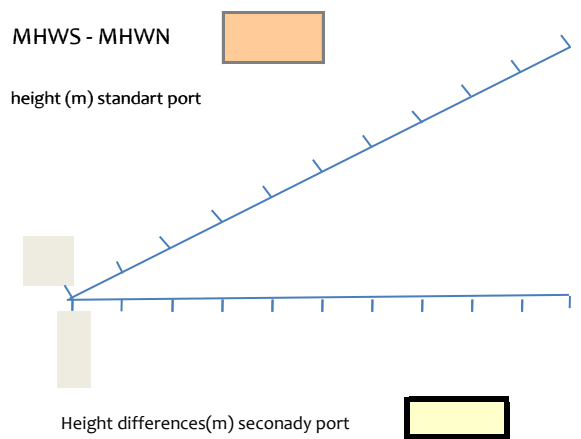
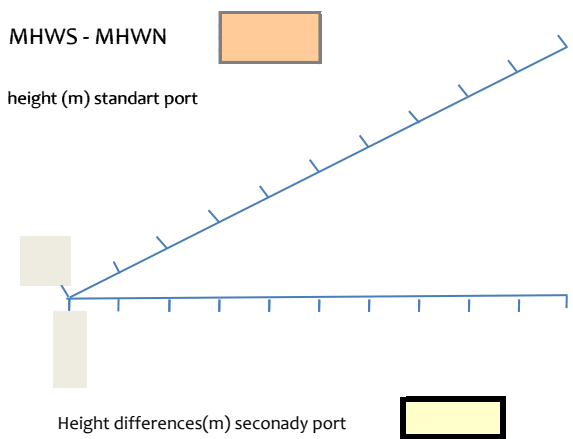
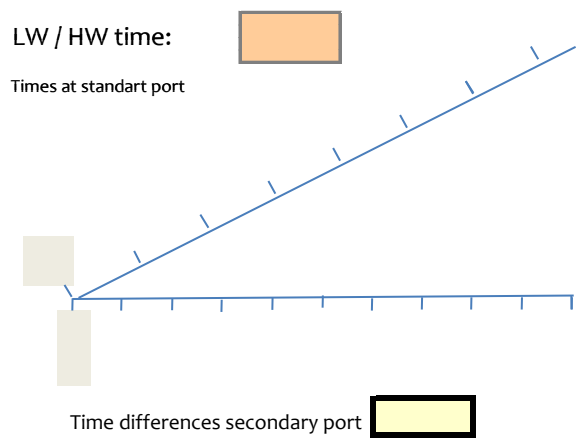
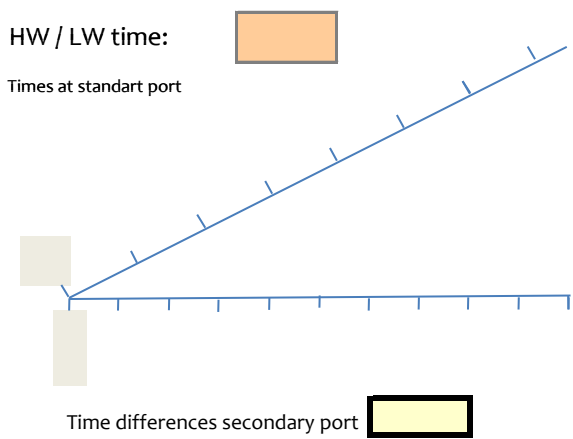
**Newport Yacht Hbr** ☎525994, 50⚠s pontoons on the E/SE sides of the basin have 1·4m at HW ±2 £1·75. Bilge keelers lie alongside pontoons (soft mud); fin keelers against quay wall (firm level bottom). Fender boards can be supplied. ⚠ (8t) Classic Boat Centre. **Town** ⚠ (8t) X ⚠.

# SYA Gezeitenformular



Aufgabe:		Datum:		Bord time:	
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Spring <input type="checkbox"/>	Mean <input type="checkbox"/>	Neap <input type="checkbox"/>	HW / LW		LW / HW		LW/HW	
Name			time	m	time	m	time	m
Standart Port								
Diff. Secondary Port								
Summer Time			Ja <input type="checkbox"/>	Nein <input type="checkbox"/>				
Port			Werte Tidenkurve					



**STANDARD TIME (UT)**

For Summer Time add ONE hour in non-shaded areas

**PORTSMOUTH** LAT 50°48'N LONG 1°07'W

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

Dates in red are SPRINGS  
Dates in blue are NEAPS

YEAR 2021

JANUARY		FEBRUARY		MARCH		APRIL					
Time	m	Time	m	Time	m	Time	m				
<b>1</b> 0038	4.6	<b>16</b> 0124	4.6	<b>1</b> 0139	4.7	<b>16</b> 0220	4.5	<b>1</b> 0131	4.9	<b>16</b> 0137	4.4
F 0546	1.2	SA 0633	1.0	M 0653	0.8	TU 0724	1.1	TH 0654	0.5	F 0647	1.1
F 1243	4.5	SA 1324	4.5	M 1344	4.6	TU 1422	4.3	TH 1350	4.8	F 1354	4.3
1807	1.0	1854	0.9	1914	0.6	1937	1.1	1914	0.6	1902	1.2
<b>2</b> 0114	4.6	<b>17</b> 0211	4.6	<b>2</b> 0224	4.6	<b>17</b> 0253	4.4	<b>2</b> 0219	4.7	<b>17</b> 0206	4.3
SA 0625	1.2	SU 0715	1.2	TU 0734	0.9	W 0753	1.3	TH 0736	0.7	SA 0716	1.2
SA 1319	4.5	SU 1409	4.4	TU 1430	4.5	W 1456	4.2	F 1446	4.6	SA 1427	4.3
1846	1.0	1934	1.0	1955	0.7	2007	1.2	1958	0.9	1934	1.4
<b>3</b> 0156	4.5	<b>18</b> 0255	4.5	<b>3</b> 0314	4.6	<b>18</b> 0323	4.2	<b>3</b> 0313	4.5	<b>18</b> 0241	4.2
TH 0706	1.2	SA 0756	1.3	TH 0819	1.0	W 0825	1.4	SA 0824	1.1	SU 0751	1.3
SU 1400	4.4	M 1453	4.4	W 1523	4.4	TH 1531	4.1	SA 1509	4.4	SU 1509	4.1
1927	1.0	2013	1.2	2041	1.0	2041	1.5	2052	1.4	2012	1.6
<b>4</b> 0243	4.5	<b>19</b> 0336	4.3	<b>4</b> 0408	4.5	<b>19</b> 0358	4.1	<b>4</b> 0413	4.2	<b>19</b> 0325	4.0
TH 0749	1.3	SA 0836	1.5	TH 0910	1.2	F 0903	1.6	TH 0927	1.5	M 0835	1.6
M 1447	4.3	TU 1536	4.1	TH 1624	4.2	F 1612	3.9	SU 1659	4.1	M 1601	3.9
2012	1.1	2053	1.5	2135	1.2	2124	1.7	2217	1.8	2103	1.9
<b>5</b> 0337	4.4	<b>20</b> 0415	4.2	<b>5</b> 0505	4.3	<b>20</b> 0442	3.9	<b>5</b> 0522	3.9	<b>20</b> 0421	3.7
TU 0839	1.4	W 0920	1.7	M 1013	1.5	SA 0954	1.9	M 1105	1.7	TU 0934	1.8
TU 1544	4.2	W 1620	3.9	F 1730	4.1	SA 1704	3.7	M 1814	3.9	TU 1705	3.7
2104	1.3	2137	1.7	2248	1.5	2221	2.0	2350	1.9	2216	2.1
<b>6</b> 0435	4.4	<b>21</b> 0456	4.0	<b>6</b> 0608	4.2	<b>21</b> 0536	3.7	<b>6</b> 0642	3.8	<b>21</b> 0531	3.6
TH 0938	1.6	TH 1014	1.9	M 1137	1.6	TH 1108	2.1	TH 1224	1.8	TH 1121	2.0
W 1650	4.1	TH 1708	3.8	SA 1841	4.0	SU 1812	3.5	TU 1935	3.9	W 1832	3.7
2207	1.4	2236	1.9	2358	2.1	2358	2.1	2358	2.1	2358	2.1
<b>7</b> 0536	4.3	<b>22</b> 0546	3.9	<b>7</b> 0015	1.7	<b>22</b> 0700	3.6	<b>7</b> 0102	1.9	<b>22</b> 0027	2.1
TH 1051	1.6	TH 1128	2.0	TH 0718	4.1	M 1254	2.0	TH 0800	3.8	TH 0711	3.6
TH 1757	4.1	F 1813	3.6	SU 1257	1.6	M 2024	3.6	W 1329	1.6	TH 1255	1.8
2326	1.5	2351	2.0	1954	4.0			2101	4.1	2007	3.9
<b>8</b> 0638	4.3	<b>23</b> 0658	3.8	<b>8</b> 0128	1.6	<b>23</b> 0125	2.1	<b>8</b> 0203	1.7	<b>23</b> 0130	1.8
M 1210	1.6	SA 1238	2.0	M 0825	4.2	TH 0848	3.8	TH 0913	4.0	TH 0824	3.9
F 1903	4.1	SA 1945	3.6	M 1404	1.5	TU 1400	1.8	TH 1423	1.4	F 1350	1.4
				2103	4.1	2124	3.9	2212	4.3	2057	4.3
<b>9</b> 0038	1.5	<b>24</b> 0055	2.0	<b>9</b> 0230	1.5	<b>24</b> 0224	1.8	<b>9</b> 0251	1.4	<b>24</b> 0219	1.4
TH 0740	4.4	TH 0818	3.9	M 0925	4.3	W 0938	4.0	M 1033	4.1	SA 0909	4.2
SA 1315	1.5	SU 1335	1.9	TU 1459	1.2	W 1451	1.5	F 1509	1.2	SA 1438	1.1
2007	4.2	2055	3.8	2203	4.3	2208	4.1	2254	4.4	2137	4.5
<b>10</b> 0139	1.4	<b>25</b> 0151	1.9	<b>10</b> 0324	1.3	<b>25</b> 0313	1.5	<b>10</b> 0333	1.1	<b>25</b> 0303	1.0
TH 0839	4.5	M 0917	4.0	M 1015	4.4	TH 1017	4.2	M 1025	4.3	SA 0949	4.5
SU 1413	1.3	M 1425	1.7	W 1548	1.0	TH 1535	1.1	SA 1550	1.0	SU 1522	0.7
2106	4.3	2150	4.0	2254	4.4	2245	4.4	2257	4.5	2216	4.7
<b>11</b> 0235	1.3	<b>26</b> 0242	1.7	<b>11</b> 0411	1.1	<b>26</b> 0356	1.2	<b>11</b> 0413	0.9	<b>26</b> 0346	0.7
TH 0933	4.6	TH 1004	4.2	M 1059	4.5	TH 1053	4.4	M 1101	4.4	TH 1030	4.7
M 1506	1.1	TU 1511	1.5	TH 1633	0.8	F 1617	0.8	SU 1629	0.8	M 1605	0.5
2204	4.4	2234	4.2	2337	4.5	2319	4.6	2329	4.5	2257	4.9
<b>12</b> 0328	1.2	<b>27</b> 0329	1.5	<b>12</b> 0455	0.9	<b>27</b> 0437	0.9	<b>12</b> 0450	0.8	<b>27</b> 0427	0.5
TH 1024	4.6	TH 1043	4.4	M 1141	4.5	TH 1128	4.6	M 1139	4.4	M 1112	4.8
TU 1556	0.9	W 1554	1.2	F 1715	0.7	SA 1657	0.6	M 1706	0.8	TU 1647	0.4
2257	4.5	2311	4.4	2356	4.7	2356	4.7	2338	5.0	2338	5.0
<b>13</b> 0418	1.1	<b>28</b> 0413	1.3	<b>13</b> 0019	4.6	<b>28</b> 0517	0.7	<b>13</b> 0003	4.6	<b>28</b> 0509	0.4
TH 1111	4.7	TH 1118	4.5	M 0536	0.8	TH 1204	4.7	M 0525	0.8	W 1156	4.9
W 1644	0.8	TH 1636	1.0	SA 1222	4.5	SU 1737	0.4	TU 1217	4.4	W 1729	0.4
2348	4.6	2345	4.5	1756	0.6			1739	0.9		
<b>14</b> 0505	1.0	<b>29</b> 0454	1.1	<b>14</b> 0100	4.6	<b>29</b> 0516	0.8	<b>14</b> 0038	4.5	<b>29</b> 0021	5.0
TH 1155	4.7	F 1552	4.5	M 0615	0.9	M 1202	4.5	M 0555	0.9	TH 0551	0.4
TH 1729	0.7	F 1716	0.8	SU 1304	4.5	SU 1733	0.7	W 1253	4.4	TH 1243	4.9
				1833	0.7			1808	1.0	1812	0.5
<b>15</b> 0035	4.6	<b>30</b> 0020	4.6	<b>15</b> 0142	4.5	<b>30</b> 0033	4.6	<b>15</b> 0110	4.5	<b>30</b> 0106	4.9
F 0550	1.0	SA 0535	0.9	M 0652	0.9	M 0552	0.8	TH 0621	1.0	SU 0634	0.5
F 1239	4.6	SA 1226	4.6	M 1344	4.4	M 1241	4.5	TH 1325	4.4	F 1335	4.8
1813	0.7	1756	0.7	1907	0.9	1808	0.7	1834	1.1	1855	0.7
<b>31</b> 0058	4.6	<b>31</b> 0058	4.6	<b>31</b> 0140	4.6	<b>31</b> 0033	4.6	<b>31</b> 0047	4.9	<b>31</b> 0047	4.9
TH 0614	0.8	SU 0614	0.8	M 0529	0.9	M 0529	0.9	W 0613	0.3	W 0613	0.3
SU 1304	4.6	SU 1304	4.6	SA 1301	4.2	SA 1301	4.2	W 1302	4.8	W 1302	4.8
1834	0.6	1834	0.6	1815	4.1	1815	4.1	1833	0.3	1833	0.3

Chart Datum: 2.73 metres below Ordnance Datum (Newlyn). HAT is 5.1 metres above Chart Datum.

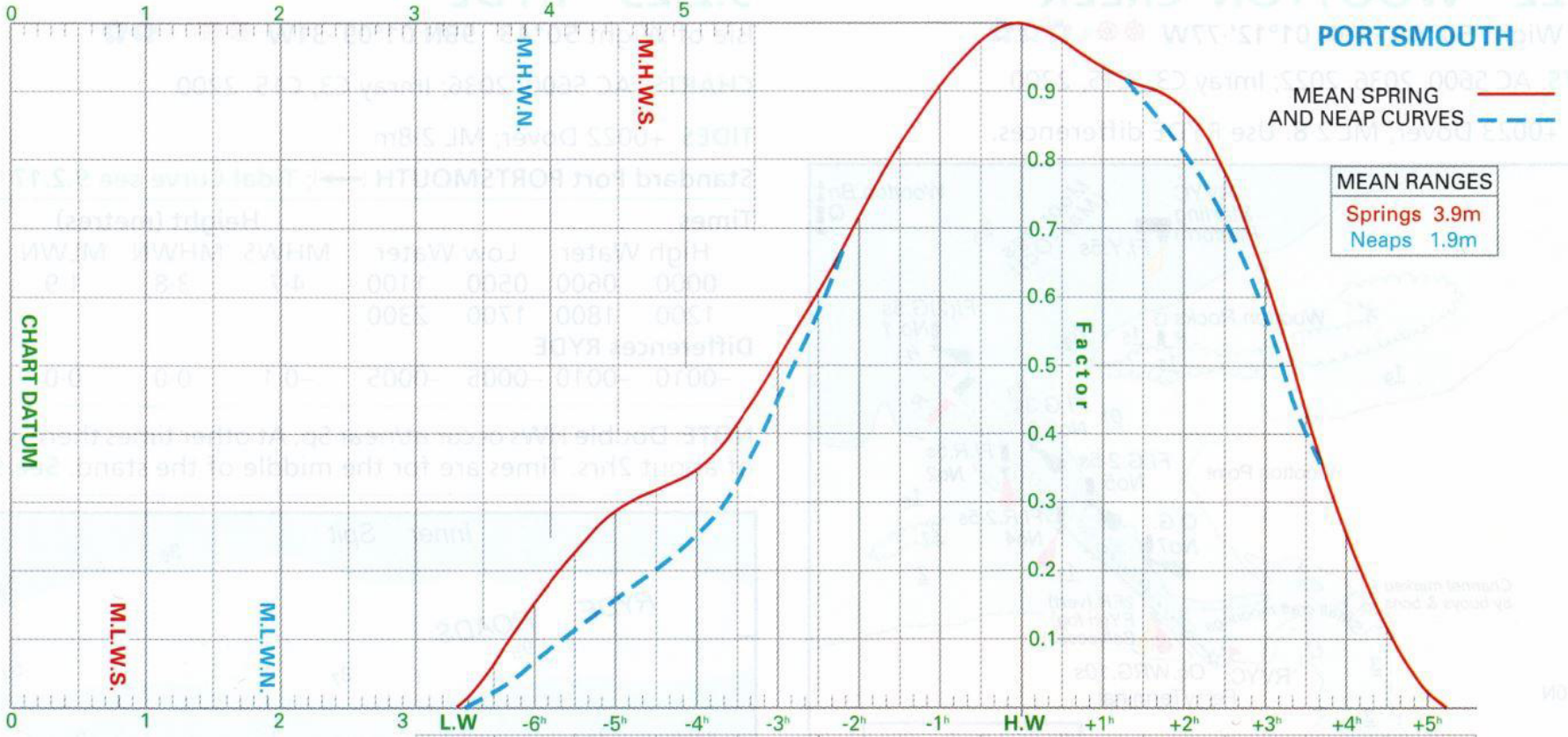
Aufgabe:

SPRING MEAN NEAP

H.W.Hts.m

HG

m  
Uhr



L.W.Hts.m

m  
Uhr

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Ges. HG

**Bestimmung der Wassertiefe in der Nähe eines Standard Ports, aufgrund einer Lotung zu einer bestimmten Zeit.**

**F1** Am 7. April 2021, um 18:40 h zeigt das Echolot in der Bucht bei PORTSMOUTH 3.5 m an. Unsere Yacht hat 2.2 m Tiefgang, wir setzen Anker. Leider haben wir keine genaue Kartenangabe an unserem Ankerplatz.

Frage: Gesucht ist die Kartentiefe?

- a) Die Kartentiefe ist 1.0 m, wir sollten einen tieferen Ankerplatz aufsuchen .
- b) Die Kartentiefe ist -1.2 m, wir können nur etwa 2 Std. bleiben.
- c) Die Kartentiefe ist 1.3 m, wir könnten sogar über Nacht bleiben.
- d) Die Kartentiefe ist - 0.7 m, wir können nicht bleiben.

Auszug aus der Gezeitentafel:

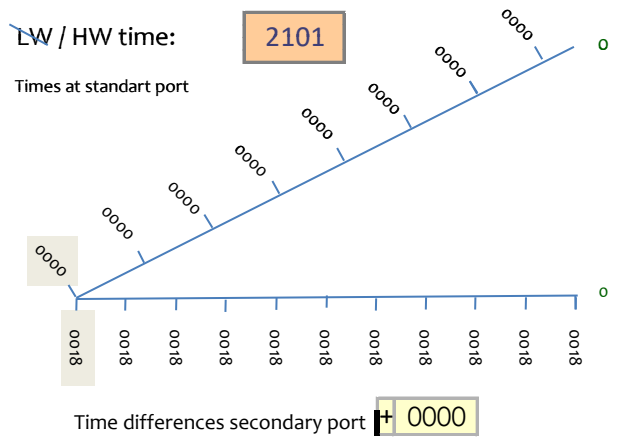
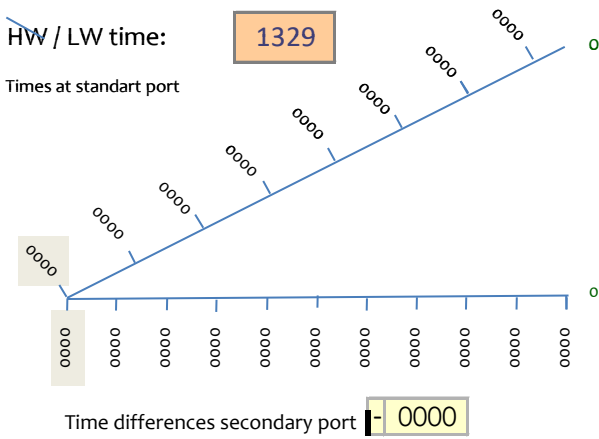
Standard Port	PORTSMOUTH
Secondary Port	
Datum	7.4.21
Zeit	18:40
Tiefgang	2.2
Reserve	
Kartentiefe	?
Wassertiefe	3.5

# SYA Gezeitenformular

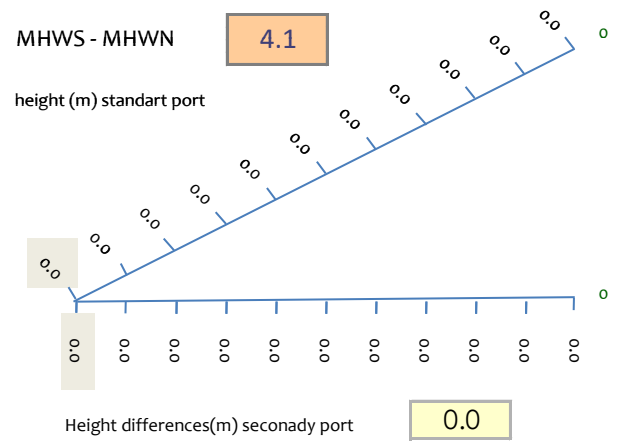
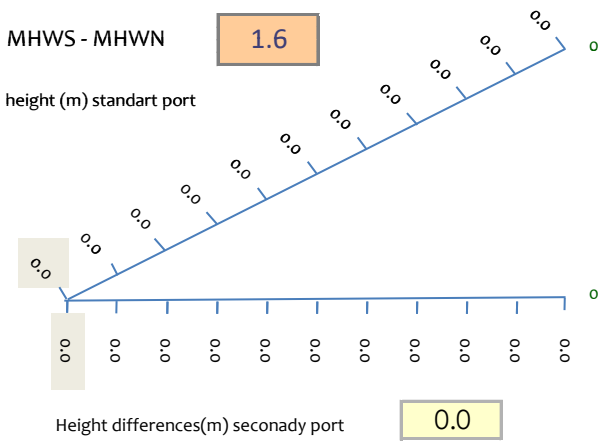


Aufgabe:	F1 6043	Datum:	07.04.2021	Bord time:	1840
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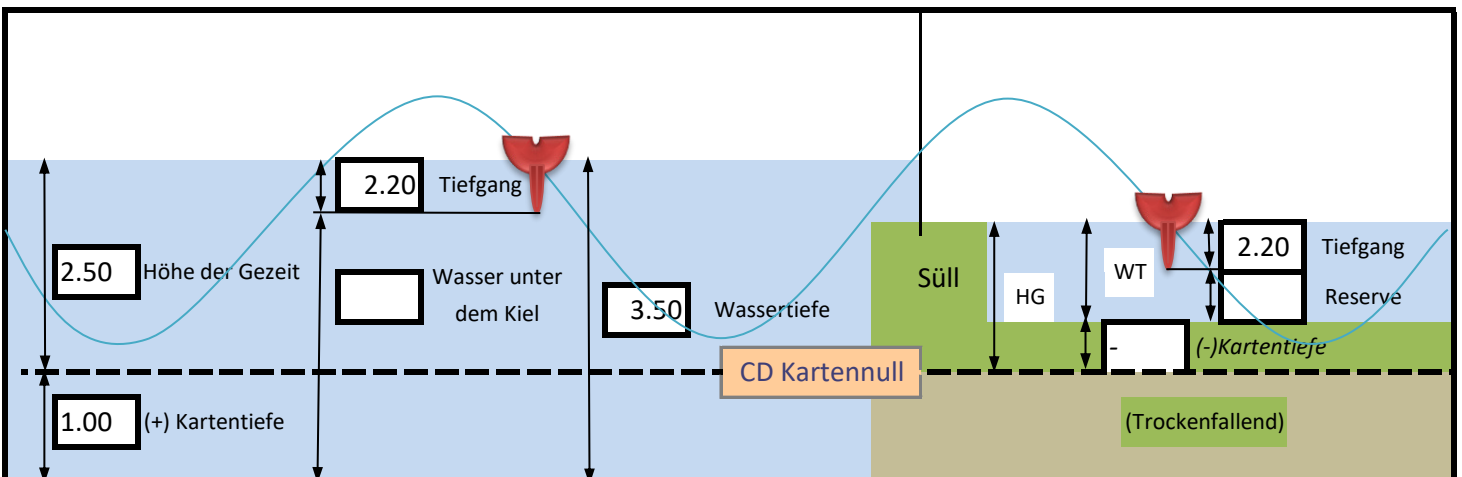
Spring <input type="checkbox"/>	Mean <input type="checkbox"/>	Neap <input checked="" type="checkbox"/>	HW / LW		LW / HW		LW/HW		
Name			time	m	time	m	time	m	
Standart Port			PORTSMOUTH	UT	1329	1.6	2101	4.1	
Diff. Secondary Port			0		- 0000	0.0	+ 0000	0.0	
Summer Time			Ja <input checked="" type="checkbox"/>	Nein <input type="checkbox"/>	0100		0100		
Port			Werte Tidenkurve		1429	1.6	2201	4.1	



Zeitdifferenzen



Höhendifferenzen



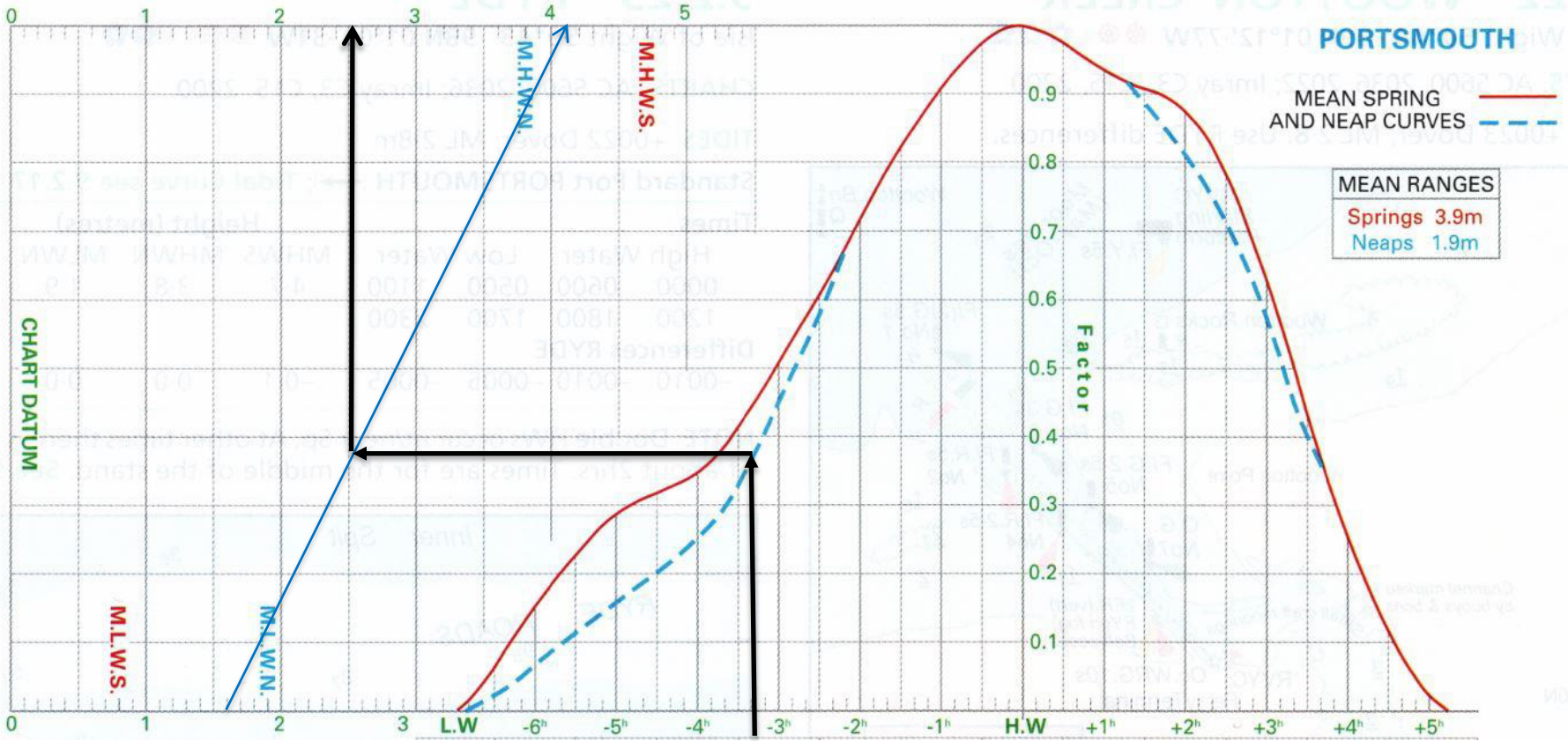
Aufgabe: F1 6043

SPRING	0	MEAN	0	NEAP	X
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4.1	m
2201	Uhr

H.W.Hts.m

HG	2.50
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L.W.Hts.m

1.6	m
1429	Uhr

1501	1601	1701	1801	1901	2001	2101	2201	2301	0001	0101	0201	0301	0401
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Ges. HG 

18:40
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