

4460(P)/11 BALTIC SEA - Gulf of Finland to Germany - Vyborgskiy Zaliv North-westwards to Greifswalder Bodden - Submarine pipelines. (continued)

2. * Construction of Pipeline 1 is now complete and joins positions along the following approximate route (WGS84 Datum):

- 60° 31'·65N., 28° 04'·46E.
- *60° 29'·44N., 28° 05'·16E.
- *60° 27'·11N., 28° 02'·12E.
- *60° 24'·46N., 28° 01'·28E.
- *60° 18'·08N., 27° 51'·86E.
- 60° 15'·00N., 27° 50'·01E.
- *60° 08'·82N., 27° 30'·52E.
- 60° 07'·82N., 26° 56'·87E.
- *60° 06'·14N., 26° 50'·27E.
- *60° 05'·67N., 26° 45'·63E.
- *60° 03'·91N., 26° 39'·58E.
- *60° 03'·17N., 26° 31'·89E.
- *60° 01'·61N., 26° 27'·60E.
- *60° 00'·65N., 26° 18'·46E.
- *60° 01'·05N., 26° 12'·59E.
- *59° 57'·76N., 26° 02'·26E.
- *59° 55'·89N., 26° 00'·54E.
- *59° 54'·02N., 25° 54'·67E.
- *59° 53'·16N., 25° 44'·10E.
- *59° 53'·62N., 25° 40'·39E.
- 59° 53'·99N., 25° 00'·97E.
- *59° 50'·29N., 24° 43'·76E.
- *59° 49'·99N., 24° 39'·90E.
- *59° 47'·18N., 24° 32'·74E.
- *59° 46'·79N., 24° 28'·90E.
- *59° 43'·71N., 24° 17'·25E.
- *59° 39'·64N., 24° 01'·06E.
- *59° 27'·75N., 22° 36'·42E.
- *59° 21'·89N., 21° 59'·23E.
- 59° 12'·65N., 21° 06'·99E.
- 58° 48'·58N., 20° 24'·94E.
- 58° 19'·91N., 20° 02'·12E.
- 56° 33'·19N., 18° 49'·95E.
- 56° 20'·35N., 18° 33'·92E.
- 56° 13'·78N., 18° 03'·27E.
- 55° 39'·98N., 16° 28'·16E.
- 55° 32'·32N., 15° 42'·55E.
- 55° 23'·25N., 15° 26'·00E.
- 54° 56'·48N., 15° 13'·73E.
- 54° 49'·52N., 14° 47'·98E.
- 54° 36'·55N., 14° 30'·23E.
- *54° 32'·40N., 14° 12'·09E.
- *54° 32'·16N., 14° 05'·45E.
- 54° 14'·40N., 13° 42'·78E.
- *54° 12'·73N., 13° 42'·05E.
- *54° 10'·91N., 13° 37'·81E.
- *54° 09'·28N., 13° 39'·20E.

- 3. * Construction of Pipeline 2 is ongoing and runs parallel to Pipeline 1, separated by 100m in most areas.
 - 4. In Danish waters, a temporary prohibited area with a radius of 1.5M will be established and will follow the pipe laying vessels. Unauthorised navigation, diving, anchoring, fishing and works on the seabed are prohibited within this area.
 - 5. Mariners are advised to navigate with caution in the vicinity of the pipelines.
 - 6. Charts will be updated when all works are complete.
 - 7. Former Notice 1299(P)/11 is cancelled.
- * Indicates new or revised entry.

Charts affected — 259 — 798 — 958 — 1088 — 2150 — 2222 — 2223 — 2251 — 2288 — 2362 — 2365 — 2816 — 2817

5336(T)/11 RUSSIA - Baltic Sea Coast - Kaliningradskiy Morskoy Kanal - Povorot Izhevskiy North-eastwards - Jetty.

Source: Russian Notice 46/5834(T)/11

- 1. The floating jetty centred on position 54° 41'·48N., 20° 11'·59E. (Pulkovo 1942 Datum) has been destroyed.

Chart affected — 2278

5427(T)/11 FINLAND - South Coast - Approaches to Hamina - Kuorsalo Southwards - Buoyage.

Source: Finnish Notice 29-30/582(T)/11

- 1. Special marks have been temporarily established in the following positions (WGS84 Datum):

- 60° 25'·96N., 27° 23'·04E.
- 60° 26'·32N., 27° 22'·85E.
- 60° 26'·43N., 27° 23'·33E.

- 2. Mariners are advised to navigate with caution in the area. Anchoring near the special marks should be avoided.

Chart affected — 1089

125(T)/12 POLAND - Gdynia - Basen I - Prezydenta - Obstructions.

Source: Polish Notice 49/914(T)/11

- 1. Obstructions exist in the following positions:

Depth	Position (WGS84 Datum)
7.4m	54° 31'·31N., 18° 33'·60E.
7.8m	54° 31'·27N., 18° 33'·59E.
7.8m	54° 31'·13N., 18° 33'·66E.

Chart affected — 2680

285(P)/12 FINLAND - South Coast - Gulf of Bothnia to Gulf of Finland - Radio reporting points. Radio reporting lines. Pilotage.

Source: Finnish Notice 29-30/576/11

- 1. There have been amendments to Finnish VTS systems, including amendments to radio reporting points, radio reporting lines and pilotage.
- 2. Full details of all changes are included in the latest edition of Admiralty List of Radio Signals Vol.6(2), NP286(2).
- 3. Charts will be updated at the next New Edition.
- 4. Former Notice 5872(P)/10 is cancelled.

Charts affected — 893 — 1088 — 2296 — 2303 — 3438 — 3443

286(P)/12 FINLAND - West Coast - and Gulf of Finland - Maximum authorised draughts.

Source: Finnish Notices 33/633/11, 33/636/11 & 33/638/11

- 1. * The charted maximum draught may be exceeded in a channel, for which the fairway area and its swept depth have been indicated.
- 2. The channels affected by the change of practice are listed below. This list is updated as necessary.

3.

Channel	Swept Depth	From	To	Charts affected
*a. <15.3m> channel to Sköldvik	17.4m	59° 59'·6N., 25° 32'·6E.	60° 09'·2N., 25° 39'·7E.	2248
	16.9m	60° 09'·2N., 25° 39'·7E.	60° 17'·2N., 25° 33'·4E.	
*b. <8.5m> channel to Uusikaupunki (Hepokari channel)	9.7m	60° 47'·0N., 21° 19'·2E.	60° 47'·3N., 21° 22'·3E.	3438, 2297
c. <10.0m> channel to Rauma (Rihtniemi channel)	12.0m	61° 09'·5N., 21° 02'·7E.	61° 05'·9N., 21° 17'·6E.	2298, 3415
	11.5m	61° 05'·9N., 21° 17'·6E.	61° 06'·8N., 21° 24'·4E.	
d. <12.0m> channel to Kristiinankaupunki	14.2m	62° 11'·6N., 21° 07'·7E.	62° 15'·7N., 21° 18'·7E.	2298
e. <9.0m> channel to Pietarsaari	10.5m	63° 44'·6N., 22° 27'·7E.	63° 43'·6N., 22° 38'·4E.	2300, 2301
*f. <9.0m> channel to Vaasa (Vasa)	11.0m	63° 18'·6N., 20° 37'·6E.	63° 08'·0N., 21° 19'·6E.	2300
	10.5m	63° 08'·0N., 21° 19'·6E.	63° 05'·2N., 21° 32'·3E.	893, 2300
g. <13.0m> channel to Kokkola	15.4m	64° 00'·7N., 22° 49'·6E.	63° 55'·0N., 22° 58'·5E.	2301
h. <10.0m> channel to Uusikaupunki	11.8m	60° 48'·5N., 20° 46'·5E.	60° 44'·9N., 21° 11'·2E.	3438
	11.4m	60° 44'·9N., 21° 11'·2E.	60° 47'·4N., 21° 19'·8E.	
	11.2m	60° 47'·4N., 21° 19'·8E.	60° 47'·7N., 21° 20'·7E.	
i. <11.0m> channel to Vuosaari	13.0m	59° 56'·9N., 25° 02'·3E.	60° 06'·1N., 25° 11'·4E.	2248
	12.5m	60° 06'·1N., 25° 11'·4E.	60° 12'·6N., 25° 12'·7E.	
	10.5m	60° 12'·6N., 25° 12'·7E.	Northern part of Vuosaari Harbour	
*j. <13.0m> channel to Hanko	15.5m	59° 42'·5N., 23° 05'·6E.	59° 46'·1N., 23° 01'·0E.	3437, 3443, 2241
	15.0m	59° 46'·0N., 23° 01'·0E.	59° 49'·1N., 22° 56'·4E.	
*k. <9.0m> Utö - Hanko Channel (eastern part)	10.4m	59° 52'·8N., 22° 48'·2E.	59° 49'·2N., 22° 50'·9E.	3437, 3443, 2241, 2297
	10.5m	59° 49'·2N., 22° 50'·9E.	59° 46'·8N., 22° 58'·7E.	
*l. <9.0m> channel to Förby	11.0m	59° 53'·1N., 22° 48'·8E.	60° 06'·3N., 22° 51'·6E.	3443, 2241, 2297
*m. <8.0m> channel to Taalintehdas	9.0m	59° 59'·4N., 22° 47'·4E.	60° 00'·9N., 22° 30'·6E.	3443, 2241, 2297
*n. <15.3m> channel to Mussalo	18.4m	60° 05'·7N., 26° 25'·3E.	60° 24'·4N., 26° 53'·7E.	1088, 2248
*o. <9.5m> channel to Loviisa	12.0m	60° 15'·6N., 26° 26'·5E.	60° 19'·1N., 26° 20'·9E.	2248
*	11.5m	60° 19'·1N., 26° 20'·9E.	60° 22'·1N., 26° 17'·9E.	
*	11.0m	60° 22'·1N., 26° 17'·9E.	60° 24'·2N., 26° 15'·8E.	
*	10.5m	60° 24'·2N., 26° 17'·0E.	60° 24'·7N., 26° 15'·8E.	
*p. <10.0m> Orregrund-Kotka channel	12.0m	60° 11'·1N., 26° 22'·4E.	60° 18'·0N., 26° 33'·2E.	2248
*	11.7m	60° 18'·0N., 26° 33'·2E.	60° 23'·4N., 26° 49'·4E.	
*	18.4m	60° 23'·4N., 26° 49'·4E.	60° 24'·7N., 26° 54'·3E.	
*	17.5m	60° 24'·7N., 26° 54'·3E.	60° 25'·3N., 26° 55'·8E.	
*q. <15.3m> Utö - Naantali channel	17.4m	59° 42'·2N., 21° 19'·9E.	60° 07'·8N., 21° 19'·5E.	3441, 2297
*	16.8m	60° 07'·8N., 21° 19'·5E.	60° 26'·3N., 22° 04'·8E.	3439, 3441, 2297
*	16.5m	60° 26'·3N., 22° 04'·8E.	60° 27'·1N., 22° 04'·0E.	3439, 2297

* Swept depth (safe clearance) values indicate the least water depth that has been checked by a method of sufficient accuracy.

4. A detailed description of the authorised channel draught practice has been published in the Finnish Maritime Bulletins. See Admiralty Sailing Directions for further information.

* Indicates new or revised entry.

(All positions are referred to WGS84 Datum)

5. Former Notice 5445(P)/09 is cancelled.

Charts affected — 893 — 1088 — 3437 — 3438 — 3439 — 3441 — 3443

709(T)/12 POLAND - Gdańsk - Westerplatte North-westwards - Works. Breakwater. Lights.

Source: Polish Notices 3/41(T)/12 & 3/80(T)/12

1. Works are in progress to reconstruct the east breakwater in the entrance to the Port of Gdańsk and are expected to last until November 2012.

2. The works are marked by warning lights, Fl.Y.2s, in the following positions:

54° 24'·83N., 18° 39'·61E.

54° 24'·75N., 18° 39'·68E.

54° 24'·66N., 18° 39'·71E.

(All positions are referred to WGS84 Datum).

3. Mariners are advised to navigate with caution when passing the works area.

Charts affected — 2680 — 2688

1407(T)/12 POLAND - Port Wladyslawowo - Depths.

Source: ENC PL5WLADY

1. A shoal area of least depth 2.7m exists in the fairway in position 54° 47'·76N., 18° 25'·50E. (WGS84 Datum).

2. Mariners are advised to navigate with caution in the area.

Chart affected — 2688

1499(P)/12 FINLAND - West Coast - North end of Gulf of Bothnia - Maximum authorised draughts. Swept areas.

Source: Finnish Charts 55, 56, 57, 58, 59 & 60

1. The charted maximum draught may be exceeded in a channel, for which the fairway area and its swept depths have been indicated.

2. The channels affected by the change of practice are listed below. This list is updated as necessary.

Channel	Swept Depth	From	To	Charts affected
a) <10.0m> channel to Kemi	12.0m	65° 21'·9N., 24° 00'·0E.	65° 35'·9N., 24° 28'·3E.	2302, 2303
b) <9.0m> channel to Röyttä (Tornio)	10.8m	65° 35'·9N., 24° 28'·3E.	65° 43'·2N., 24° 10'·3E.	2302, 2303
	10.2m	65° 43'·2N., 24° 10'·3E.	65° 44'·8N., 24° 09'·4E.	2302
c) <7.0m> channel to Kemi	8.2m	65° 38'·6N., 24° 34'·9E.	65° 40'·9N., 24° 37'·1E.	2302, 2303
d) <10.0m> Kemi-Oulo channel	12.0m	65° 31'·4N., 24° 23'·2E.	65° 26'·4N., 24° 47'·9E.	2302, 2303
	11.5m	65° 26'·4N., 24° 47'·9E.	65° 06'·7N., 25° 05'·9E.	2302, 3062
e) <8.0m> Kemi-Oulo channel	10.0m	65° 23'·4N., 24° 07'·9E.	65° 11'·1N., 24° 28'·7E.	2302, 3062
f) <10.0m> West channel to Oulo	12.0m	65° 11'·4N., 23° 42'·2E.	65° 03'·1N., 25° 14'·8E.	2302, 3062
	11.5m	65° 03'·1N., 25° 14'·8E.	65° 00'·9N., 25° 21'·4E.	2302, 3062
g) <10.0m> Raahe-Oulo channel	12.0m	64° 33'·0N., 23° 51'·7E.	65° 10'·9N., 24° 28'·5E.	2301, 2302, 3062
h) <7.8m> West channel to Raahe	12.0m	64° 40'·4N., 23° 53'·8E.	64° 38'·8N., 24° 13'·4E.	2301
	11.5m	64° 38'·8N., 24° 13'·4E.	64° 39'·6N., 24° 23'·5E.	2301

(All positions are referred to WGS84 Datum).

3. Swept depth (safe clearance) values indicate the least water depth that has been checked by a method of sufficient accuracy.

4. A detailed description of the authorised channel draught practice can be found on the Finnish Transport Agency website. See Admiralty Sailing Directions for further information.

5. These and other changes will be included in the next New Editions of Charts 2301, 2302, 2303 and 3062 to be published Summer 2012.

Charts affected — 2303 — 3062

2312(T)/12 GERMANY - Baltic Coast - Rostock North-westwards - Foul.

Source: German Notice 17/(16)1671(T)/12

1. A foul exists within anchorage area No1 in position 54° 13'·6N., 12° 00'·6E. (WGS84 Datum).

Chart affected — 2365

2504(T)/12 ESTONIA - Approaches to Tallinn - Uusmatal North-eastwards - Buoy.

Source: Estonian Notice 5/62(T)/12

1. A special light-buoy, Fl.Y.5s, has been temporarily established in position 59° 41'·16N., 24° 37'·26E. (WGS84 Datum).

Charts affected — 2241 — 2248

2778(P)/12 SWEDEN - West Coast - Southern Approaches to Strömstad - Depths.

Source: Swedish Charts 934 & 937

1. Numerous depths less than charted exist within the southern approaches to Strömstad. The most significant of these are as follows:

Depth	Position (Swedish Datum)
26m	58° 56'·29N., 11° 01'·38E.
29m	58° 56'·29N., 11° 02'·07E.
24·5m	58° 55'·86N., 10° 55'·00E.
16·8m	58° 53'·71N., 10° 51'·86E.
55m	58° 52'·49N., 10° 48'·63E.
17·8m	58° 52'·48N., 10° 53'·10E.
17·8m	58° 52'·16N., 10° 57'·42E.
21·5m	58° 51'·63N., 10° 57'·21E.
61m	58° 51'·37N., 10° 51'·20E.
12·8m	58° 51'·10N., 10° 56'·00E.
10·3m	58° 50'·53N., 10° 56'·68E.
21·5m	58° 50'·20N., 10° 55'·00E.
13·3m	58° 49'·99N., 10° 56'·91E.
13·5m	58° 46'·58N., 10° 57'·59E.
4·7m	58° 46'·42N., 10° 58'·35E.
6m	58° 46'·09N., 10° 58'·78E.
25·5m	58° 43'·50N., 10° 59'·86E.
22·5m	58° 43'·13N., 10° 59'·92E.
21m	58° 42'·39N., 10° 52'·15E.
30·5m	58° 42'·56N., 10° 59'·53E.
21·5m	58° 41'·95N., 11° 00'·96E.

2. Mariners are advised to proceed with caution in this area.

Chart affected — 879

2782(T)/12 SWEDEN - East Coast - Mysingen - Björkö Westwards - Buoy.

Source: Swedish Notice 402/7877(T)/12

1. A special spar buoy has been temporarily established, until December 2012, in position 59° 02'·81N., 18° 17'·50E. (WGS84 Datum).

Charts affected — 836 — 872

3392(T)/12 SWEDEN - West Coast - Malmö - Västra Hamnen and Nyhamnen - Depths. Buoy.

Source: Swedish Notice 406/7983(T)/12 & UKHO

1. A depth of 6·5m exists between positions 55° 36'·88N., 12° 59'·55E. and 55° 36'·83N., 12° 59'·56E.
2. * A depth of 6·5m marked by a yellow spar buoy exists in position 55° 36'·90N., 12° 59'·91E.
* Indicates new or revised entry.
(All positions are referred to WGS84 Datum)
3. Former Notice 3235(T)/12 is cancelled.

Chart affected — 911

3526(T)/12 DENMARK - East Coast - Kattegat - Randers Fjord - Buoyage.

Source: Danish Notice 27/719(T)/12

1. Buoyage in Randers Fjord between the safe water mark (56° 36'·82N., 10° 24'·69E.), and Randers (56° 27'·77N., 10° 03'·87E.), may not be in position.
2. Mariners are advised to navigate with caution in this area until further notice.
(All positions are referred to WGS84 Datum)

Charts affected — 894 — 905

3550(T)/12 DENMARK - Islands - Isefjord - Orø Østre Løb - Buoy.

Source: Danish Notice 27/716(T)/12

1. The north cardinal buoy, in position 55° 49'·17N., 11° 49'·93E. (WGS84 Datum), has been reported missing.

Chart affected — 926

3665(P)/12 BALTIC SEA - Kaliningrad to Narva Bay - Submarine cable.

Source: Swedish Notice 397/7797(P)/12 & Finnish Notice 18/198(T)/12

1. Cable laying is taking place between Zelenogradsk, North of Kaliningrad, to Narva-Jõesuu, in the Gulf of Finland, joining the following positions (WGS84 Datum):

54° 57'·4N., 20° 27'·6E.	Shore, Zelenogradsk
54° 59'·1N., 20° 25'·8E.	
55° 21'·1N., 20° 37'·9E.	NE of platform
55° 28'·2N., 20° 20'·1E.	
55° 54'·0N., 19° 03'·2E.	
55° 55'·9N., 18° 37'·3E.	
56° 15'·8N., 18° 37'·4E.	TSS South Hoburgs Bank
56° 35'·6N., 19° 23'·9E.	
57° 36'·6N., 20° 05'·0E.	DW Route Off Gotland Island
57° 56'·7N., 20° 22'·5E.	DW Route Off Gotland Island
57° 59'·8N., 20° 21'·5E.	DW Route Off Gotland Island
58° 13'·7N., 20° 19'·8E.	Cable crossing E of Gotska Sandön
58° 45'·8N., 20° 23'·6E.	
58° 46'·3N., 20° 22'·2E.	
58° 47'·0N., 20° 21'·4E.	
58° 56'·4N., 20° 31'·3E.	
59° 10'·6N., 21° 00'·9E.	
59° 15'·7N., 21° 08'·3E.	SE of Suomen Leijona light
59° 16'·6N., 21° 23'·2E.	
59° 24'·6N., 22° 00'·0E.	NW of Hiiumaa
59° 40'·5N., 23° 52'·8E.	
59° 38'·7N., 23° 59'·0E.	NW of Tallinn
59° 52'·6N., 25° 01'·4E.	S of Helsinki light
59° 52'·2N., 25° 56'·8E.	
59° 58'·9N., 26° 10'·5E.	
60° 01'·9N., 26° 33'·7E.	NW of Rodsher light
59° 45'·8N., 27° 02'·6E.	
59° 46'·6N., 27° 25'·8E.	
59° 34'·9N., 27° 57'·7E.	
59° 35'·8N., 28° 05'·6E.	Shore, N of Narva-Jõesuu

2. The cable route will cross: TSS South Hoburgs Bank, TSS Off Hankoniemi Peninsula, TSS Off Porkkala Lighthouse, TSS Off Kalbådagrund Lighthouse, TSS Off Rodsher Island and the DW Route Off Gotland Island.
3. Mariners are advised to pass the cable-laying vessel at a safe distance of 1·5 miles.

Charts affected — 1088 — 2222 — 2223 — 2241 — 2248 — 2264 — 2288 — 2297 — 2362 — 2369

3742(T)/12 DENMARK - Islands - Københavns Havn - Nordhavnen - Kalkbrænderiløbet - Works.

Source: Danish Notice 29/745(T)/12

1. Works are in progress, until December 2012, in the vicinity of a line joining the following positions (WGS84 Datum):

55° 43'·16N., 12° 35'·74E.
55° 42'·81N., 12° 35'·46E.

2. Mariners are advised to navigate with caution in this area.

Chart affected — 902

3805(T)/12 FINLAND - Saaristomeri - Utö Westwards - Data buoy.

Source: Finnish Notice 19-20/209(T)/12

1. A wave recorder light-buoy, *Fl(5)Y.20s*, with a circular safety zone, radius 50m, has been temporarily established in position 59° 46' 67N., 21° 21' 38E. (WGS84 Datum).

Chart affected — 3441

3913(T)/12 SWEDEN - West Coast - Uddevalla - Bäveån - Berths. Depth. Buoyage.

Source: Swedish Notice 410/5304(T)/12

1. Berths 18-20 (58° 20' 840N., 11° 55' 030E.) have collapsed and extend approximately 10m into the channel. The depth alongside is reduced to 3m. The area is marked by buoys in the following positions:

Position (WGS84 Datum)	Type
58° 20' 831N., 11° 55' 090E.	Port-hand
58° 20' 816N., 11° 54' 995E.	Port-hand
58° 20' 843N., 11° 55' 106E.	Special purpose
58° 20' 835N., 11° 55' 100E.	Special purpose
58° 20' 822N., 11° 54' 963E.	Special purpose
58° 20' 818N., 11° 54' 985E.	Special purpose

Chart affected — 869

3996(T)/12 DENMARK - Islands - Storebælt - Vesterrenden - Works. Vertical clearances.

Source: Danish Notice 32/809(T)/12

1. *Maintenance works are in progress at West Bridge (Vestbroen), between pillar 2 in position 55° 19' 50N., 10° 56' 68E. and pillar 63 in position 55° 18' 00N., 10° 51' 23E. (WGS84 Datum). The mobile platform used to carry out the works will reduce the vertical clearance of the bridge by up to 7m.
2. Vessels should monitor VHF Channel 11 for further information.
*Indicates new or revised entry.
3. Former Notice 2182(T)/12 is cancelled.

Charts affected — 938 — 2596

4133(P)/12 SWEDEN - East Coast - Mälaren, Western Part - Oknöfjärden to Västerås - Depths.

Source: Swedish Notices 411/8047(T)/12 & 413/8075(P)/12

1. Recent surveys have identified numerous changes to depths between Oknöfjärden (59° 31' 4N., 17° 05' 6E.) and Västerås (59° 37' 3N., 16° 34' 0E.). The most significant are as follows:

Depth	Position (WGS84 Datum)
5.7m	59° 31' 18N., 17° 05' 22E.
8m	59° 30' 80N., 17° 05' 16E.
3.3m	59° 34' 77N., 16° 32' 51E.
2.3m	59° 35' 35N., 16° 32' 31E.
4.9m	59° 35' 30N., 16° 32' 24E.

2. Charts will be updated when full details are known.

Charts affected — 802 — 810

4229(T)/12 SWEDEN - East Coast - Approaches to Stockholm - Lidingö North-westwards - Storholmen to Bosön - Works.

Source: Swedish Notice 414/8104(T)/12

1. Pipelaying operations are in progress, until December 2012, between positions 59° 23' 7N., 18° 08' 7E. and 59° 22' 9N., 18° 09' 9E. (WGS84 Datum).
2. Mariners are advised to navigate with caution in the vicinity.

Chart affected — 820

4233(P)/12 FINLAND - South Coast - Kaunissaari South-westwards - Orregrund - Kotka Channel - Fairway. Buoyage. Lights. Radar beacon. Recommended route.

Source: Finnish Notice 21/224/12

1. The Orregrund - Kotka Channel and associated fairway limits have been amended between positions 60° 14' 39N., 26° 25' 44E. and 60° 22' 00N., 26° 41' 21E. (Finnish Datum).
2. Extensive changes have been made to buoyage, lights and a racon associated with the amended route.
3. These changes will be included in a New Chart of the area to be published early 2013 and by Notice to Mariners for Chart 2248.

Charts affected — 1088 — 2248

4308(P)/12 SWEDEN - East Coast - Öland, East Coast - Kårehamn East-north-eastwards - Wind farm. Restricted area. Buoyage.

Source: Swedish Notice 415/8128/12

1. Construction of a wind farm, approximately 4.5 miles north-east of Kårehamn is taking place.
2. A restricted area, entry prohibited, has been established between positions 57° 00' 82N., 17° 00' 13E. and 56° 57' 60N., 17° 02' 92E. (WGS84 Datum)
3. During the construction period the area will be marked by special marks.
4. Former Notice 2165(T)/12 is cancelled.

Charts affected — 2251 — 2816 — 2817

4446(T)/12 BALTIC SEA - Denmark and Germany - Measuring instruments. Buoyage.

Source: Danish and German Hydrographic Offices

1. Measuring instruments have been established temporarily in the positions shown below and will be on station until further notice. They may be marked by yellow buoys and/or yellow light-buoys, *Fl(5)Y.20s* or *Fl(4)Y.20s*, and have to be passed at a safe distance (at least 2 cables). This list will be updated as necessary by Temporary Notices to Mariners.
- 2.

Latitude	Longitude	Largest Scale Chart(s)	Remarks
54° 28' 28N.	10° 55' 60E.	2113, 2117	
54° 32' 60N.	11° 10' 60E.	2113, 2117	
54° 36' 50N.	11° 00' 50E.	2113, 2117	
54° 34' 74N.	11° 12' 95E.	2113, 2117	
54° 31' 52N.	11° 18' 68E.	2113, 2117	
54° 24' 30N.	11° 20' 28E.	2113, 2117	ODAS
54° 23' 17N.	12° 04' 93E.	2601	
54° 22' 53N.	12° 11' 26E.	2601	ODAS
54° 27' 27N.	12° 15' 27E.	2601	
54° 27' 65N.	12° 15' 33E.	2601	
54° 27' 57N.	12° 15' 47E.	2601	
54° 27' 66N.	12° 15' 54E.	2601	
54° 27' 58N.	12° 15' 64E.	2601	
54° 33' 71N.	12° 21' 58E.	2601	ODAS
54° 17' 17N.	11° 55' 51E.	2365	VINETA 1
54° 17' 06N.	11° 55' 51E.	2365	VINETA 2
54° 17' 02N.	11° 55' 71E.	2365	VINETA 3
54° 17' 19N.	11° 55' 74E.	2365	VINETA 4
54° 18' 25N.	12° 12' 05E.	2365	ODAS GRMN, Q
54° 27' 65N.	12° 40' 75E.	2365	ODAS
54° 38' 78N.	12° 51' 23E.	2365	ODAS

3.

Latitude	Longitude	Largest Scale Chart(s)	Remarks
54° 40'·57N.	12° 59'·58E.	2365	IFAO 4
54° 40'·70N.	12° 59'·60E.	2365	IFAO 1
54° 40'·70N.	12° 59'·78E.	2365	IFAO 2
54° 40'·57N.	12° 59'·82E.	2365	IFAO 3
54° 41'·28N.	13° 06'·09E.	2365	ODAS
55° 00'·42N.	13° 08'·92E.	2365, 2115	
55° 00'·34N.	13° 08'·99E.	2365, 2115	
55° 00'·50N.	13° 09'·13E.	2365, 2115	
55° 00'·34N.	13° 09'·17E.	2365, 2115	
54° 43'·74N.	13° 21'·00E.	2365	ODAS
54° 46'·17N.	13° 35'·93E.	2365	ODAS
54° 09'·19N.	13° 37'·67E.	2365	ODAS
54° 37'·53N.	13° 40'·09E.	2365	ODAS
54° 21'·40N.	13° 47'·00E.	2365	BC4 ODAS
54° 20'·24N.	13° 48'·34E.	2365	ODAS
54° 33'·00N.	13° 50'·00E.	2365	BC2 ODAS
54° 48'·60N.	13° 50'·88E.	2365	ODAS
54° 50'·26N.	13° 56'·47E.	2365	BE01 ODAS

4.

Latitude	Longitude	Largest Scale Chart(s)	Remarks
* 54° 44'·77N.	13° 58'·09E.	2150	POD FFH 1
* 54° 44'·68N.	13° 58'·12E.	2150	POD FFH 2
* 54° 44'·72N.	13° 58'·19E.	2150	POD FFH
* 54° 44'·64N.	13° 58'·30E.	2150	POD FFH 3
* 54° 44'·81N.	13° 58'·30E.	2150	POD FFH 4
54° 31'·27N.	13° 59'·09E.	2150	ODAS
54° 29'·78N.	14° 00'·66E.	2150	BC11 ODAS
* 54° 49'·80N.	14° 00'·52E.	2150	POD WA 1
* 54° 49'·69N.	14° 00'·52E.	2150	POD WA 2
* 54° 49'·74N.	14° 00'·63E.	2150	POD WA
* 54° 49'·65N.	14° 00'·74E.	2150	POD WA 3
* 54° 49'·84N.	14° 00'·74E.	2150	POD WA 4
54° 42'·18N.	14° 06'·30E.	2150	BC1 ODAS
54° 31'·72N.	14° 09'·45E.	2150	BC10 ODAS
54° 42'·28N.	14° 09'·95E.	2150	ODAS
54° 28'·00N.	14° 10'·00E.	2150	ODAS
54° 36'·50N.	14° 13'·10E.	2150	
54° 34'·33N.	14° 17'·90E.	2150	BC9 ODAS
54° 44'·49N.	14° 20'·85E.	2150	ODAS
54° 35'·07N.	14° 27'·41E.	2150	BC8 ODAS
54° 27'·28N.	14° 32'·88E.	2150	ODAS
54° 20'·07N.	13° 51'·68E.	2679	BC13 ODAS
54° 24'·65N.	13° 57'·22E.	2679	BC12 ODAS
54° 09'·14N.	13° 57'·32E.	2679	ODAS PEE O, Q(3)10s
54° 10'·23N.	13° 59'·00E.	2679	BC6 ODAS
54° 13'·95N.	14° 07'·18E.	2679	ODAS
54° 00'·00N.	14° 09'·00E.	2679	BC7 ODAS
54° 22'·05N.	14° 13'·00E.	2679	BC3 ODAS
54° 12'·50N.	14° 17'·00E.	2679	BC5 ODAS
54° 24'·95N.	14° 18'·00E.	2679	ODAS
54° 19'·65N.	14° 24'·95E.	2679	ODAS

* Indicates new or revised entry.
(All positions are referred to WGS84 Datum)

5. Former Notice 3137(T)/12 is cancelled.

Charts affected — 2113 — 2115 — 2117 — 2150 — 2365 — 2601 — 2679

4471(T)/12 SWEDEN - East Coast - Stockholms Skärgård - Österskär North-eastwards - Works.

Source: Swedish Notice 416/8146(T)/12

- Pipelines are being laid in the north-east approach route to Österskär.
- Pipe towing operations will be taking place from Margretelund (59° 27'·3N., 18° 20'·7E.), along the Lerviksudde, Ekören and Stora Blötholmen recommended track to Stora Timrarön (59° 30'·1N., 18° 29'·7E.).
- Pipe laying operations will be taking place from Stora Timrarön to Sundviken (59° 31'·8N., 18° 35'·2E.) and thence to Östanå Färjläge (59° 32'·9N., 18° 34'·5E.).
(All positions are referred to WGS84 Datum)
- Temporary fairway closures and diversions will be in force.
- For the latest information, contact Stockholm VTS on VHF Channel 73.

Chart affected — 887

4555(P)/12 DENMARK - East Coast - Approaches to København - Saltholm Flak Northwards - Depths.

Source: ENC DK4SUNDT

- There have been numerous changes to depths north of Saltholm Flak (55° 42'·0N., 12° 45'·0E.)
- The most significant depths are as follows:

Depth	Position
6.1m	55° 45'·12N., 12° 43'·78E.
9.5m	55° 45'·00N., 12° 45'·20E.
9.9m	55° 44'·51N., 12° 45'·08E.
9.6m	55° 44'·21N., 12° 43'·14E.

(All positions are referred to WGS84 Datum)

- These changes will be included in the next New Editions of Charts 903, 2594 and 2595 to be published early 2013.

Charts affected — 903 — 2594 — 2595

4556(T)/12 POLAND - Szczecin - Wyspa Grodzka southwards - Duńczyca - Works. Dolphins. Buoyage.

Source: Polish Notice 37/634(T)/12

- Works are in progress to construct a marina at Grodzka Island.
- Dolphins have been established close to the southern shore.
- The works are marked by special pillar light-buoys, *Fl.Y.As*, with topmarks, in the following positions (WGS84 Datum):

Position	Name
53° 25'·70N., 14° 34'·36E.	D-1
53° 25'·61N., 14° 34'·10E.	D-2

- Mariners are advised to navigate with caution in the vicinity.

Chart affected — 2676

4572(T)/12 POLAND - Södra Midsjöbanken Southwards and Ławica Słupska Eastwards - Measuring instruments. Buoyage.

Source: Polish Notice 37/631(T)/12

- Measuring instruments have been established temporarily, marked by yellow light-buoys, *Fl.Y*, in the following positions:

Position (WGS84 Datum)
55° 31'·26N., 17° 11'·31E.
55° 31'·17N., 17° 22'·64E.
55° 34'·03N., 17° 18'·76E.
55° 01'·84N., 17° 15'·41E.
54° 59'·32N., 17° 19'·95E.
54° 59'·31N., 17° 27'·88E.

Charts affected — 2251 — 2369 — 2816

4956(T)/12 SWEDEN - West Coast - Göteborg - Göta älv - Majnabbehannen Westwards - Works. Buoyage.

Source: Swedish Notice 420/8204(T)/12

1. Works are in progress in the vicinity of berth 400, until 31 March 2013.
2. Yellow spar buoys mark the working area in the following positions (WGS84 Datum):

57° 41'·660N., 11° 54'·336E.
57° 41'·770N., 11° 54'·537E.

3. Mariners are advised to navigate with caution in the area.

Chart affected — 857

5092(T)/12 DENMARK - Islands - Storebælt - Langeland - Langelandsbælt South light - Light. Radar beacon. Obstruction. Buoyage.

Source: Danish Notice 41/1020(T)/12

1. *The Langelandsbælt S light (DW54), and associated radar beacon, in position 54° 48'·02N., 10° 50'·27E. has been damaged, leaving only a subsurface obstruction. The light has been temporarily replaced by an isolated danger light-buoy, *Fl(2)5s*.
2. The obstruction is further marked by the following buoyage:

Buoy	Characteristic	Position
North cardinal light-buoy	<i>Q</i>	54° 48'·13N., 10° 50'·26E.
East cardinal light-buoy	<i>Q(3)10s</i>	54° 48'·03N., 10° 50'·46E.
South cardinal light-buoy	<i>Q(6)+LFL15s</i>	54° 47'·91N., 10° 50'·25E.
*Port-hand can light-buoy	<i>Q.R</i>	54° 48'·02N., 10° 50'·08E.

(All positions are referred to WGS84 Datum)

3. Mariners are advised to navigate with caution in this area.
4. Former Notice 5776(T)/11 is cancelled.
* Indicates new or revised entry.

Charts affected — 2106 — 2113 — 2117

5095(T)/12 DENMARK - Islands - Københavns Havn - Sydhavnen - Kalvebod Brygge - Works. Buoyage.

Source: Danish Notice 41/1014(P)/12

1. Construction works are in progress until June 2013. The works area is bounded by the following positions:

Position (WGS84 Datum)	Remarks
55° 40'·226N., 12° 34'·627E.	shore
55° 40'·214N., 12° 34'·652E.	yellow spar buoy
55° 40'·165N., 12° 34'·637E.	yellow spar buoy
55° 40'·053N., 12° 34'·471E.	yellow spar buoy
55° 40'·030N., 12° 34'·382E.	yellow spar buoy
55° 40'·052N., 12° 34'·343E.	shore

Chart affected — 902

5143(P)/12 FINLAND - South Coast - Approaches to Hamina - Buoyage. Beacons. Leading line. Fairways.

Source: Finnish Notice 29/310(P)/12

1. Extensive changes to buoyage, beacons, leading line and fairway limits are being implemented in the approaches to Hamina, the most significant of which are as follows:
2. The following buoys will be removed:

Position	Remarks
60° 27'·20N., 27° 19'·36E.	starboard-hand pillar, FL.G.3s
60° 27'·42N., 27° 18'·16E.	port-hand pillar, FL.R.3s
60° 26'·78N., 27° 20'·41E.	starboard-hand spar

3. Unlit beacons, and associated leading line, 356°, will be removed from the following positions:

60° 26'·67N., 27° 21'·03E.
60° 26'·77N., 27° 21'·01E.

5143(P)/12 FINLAND - South Coast - Approaches to Hamina - Buoyage. Beacons. Leading line. Fairways. (continued)

4. A fairway centre line will be established joining the following positions:

60° 25'·65N., 27° 21'·17E.
60° 26'·07N., 27° 21'·51E.
60° 26'·32N., 27° 21'·08E.

5. The fairway limit will be amended to join the following positions:

60° 23'·59N., 27° 18'·99E.
60° 23'·12N., 27° 15'·91E.
60° 23'·23N., 27° 15'·91E.

(All positions are referred to WGS84 Datum)

6. Charts will be updated when full details become available.

Charts affected — 1089 — 2264

5220(T)/12 POLAND - Approaches to Gdynia and Gdańsk - Władysławowo - Falochron Północny - Depth. Buoyage.

Source: Polish Notice 42/698(T)/12

1. A depth of 3.5m, marked by an unlit port-hand spar buoy, 2, exists in position 54° 47'·82N., 18° 25'·29E.
2. The following buoys have been temporarily removed:

Buoy	Position
Port-hand spar buoy, 4	54° 47'·82N., 18° 25'·32E.
Port-hand pillar buoy, 2	54° 47'·79N., 18° 25'·37E.

(All positions are referred to WGS84 Datum)

3. Mariners are asked to contact the Władysławowo Harbour Master for the latest information.

Chart affected — 2688

5297(T)/12 GULF OF FINLAND - Finland and Estonia - Porvoo to Aseri - Submarine power cable.

Source: Finnish Notice 30/323(T)/12

1. Cable laying operations are in progress for the 'Estlink 2' power cable, until Spring 2013, between the following positions (WGS84 Datum):

Porvoo (Finland)	60° 23'·2N., 25° 40'·0E.
Aseri (Estonia)	59° 27'·4N., 26° 52'·5E.

2. The vessel *Nexans Skagerrak* (call sign LCEK) will be undertaking the cable laying work and will be monitoring VHF channel 16 and the mandatory GOFREP VHF channels.
3. Vessels should keep at least 500m clear of all operations.

Charts affected — 2248 — 2264

5326(T)/12 DENMARK - Islands - Storebælt - Kalundborg Fjord - Asnæs Rev South-westwards - Spoil ground. Buoyage.

Source: Danish Notice 44/1082(T)/12

1. A spoil ground has been established, until the end of March 2013, in an area bounded by the following positions:

55° 38'·97N., 10° 51'·51E.
55° 38'·92N., 10° 52'·03E.
55° 38'·50N., 10° 52'·21E.
55° 38'·44N., 10° 51'·71E.

(All positions are referred to WGS84 Datum)

2. Work will take place from an anchored barge operating within a 200m radius safety zone marked by yellow spar buoys with topmarks.
3. Mariners are advised to navigate with caution in this area.

Charts affected — 923 — 2106 — 2108 — 2596

5349(T)/12 DENMARK - East Coast - Kattegat - Horsens Fjord - Approaches to Horsens - Channel depth.

Source: Danish Notice 44/1093(T)/12

1. The depth in the approach channel to Horsens Harbour (55° 50'·80N., 9° 57'·33E. (WGS84 Datum)) has temporarily been reduced to 6·3m.

Charts affected — 929 — 2591

5350(T)/12 DENMARK - Islands - Lillebælt - Årø Northwards - Bardenfleths Grund - Buoy.

Source: Danish Notice 44/1088(T)/12

1. The red can buoy in position 55° 17'·96N., 9° 44'·19E. (WGS84 Datum) is reported missing.

Charts affected — 2106 — 2592

5460(T)/12 POLAND - Szczecin - Wyspa Gryfia Southwards - Works. Buoyage.

Source: Polish Notice 45/733(T)/12

1. Works are in progress to extend Zbożowe and Słowackie wharves and modernise Niemieckie wharf in the northern part of the Ewa Peninsula in the Port of Szczecin.
2. The works area is marked by the following buoyage:

Position (WGS84 Datum)	Designation	Characteristics
53° 26'·27N., 14° 35'·20E.	E-1	FL.Y.3s
53° 26'·31N., 14° 35'·07E.	E-2	FL.Y.3s
53° 26'·27N., 14° 35'·00E.	E-3	

3. Mariners are advised to navigate with caution in the vicinity.

Chart affected — 2676

5483(T)/12 DENMARK - Islands - Lillebælt - Tragten - Buoy.

Source: Danish Notice 45/1114(T)/12

1. The port-hand light-buoy, *Fl(3)R.10s*, in position 55° 33'·78N., 9° 49'·35E. (WGS84 Datum) is reported missing.

Charts affected — 900 — 2106 — 2591 — 2592

5725(T)/12 SWEDEN - West Coast - Approaches to Göteborg - Älvsborg Northwards and South-westwards - Asperö, Brännö, Köpstadsö, Styrö and Donsö - Submarine pipelines. Restricted area.

Source: Swedish Notice 426/8281(T)/12

1. Submarine pipelines are being laid, until May 2013, from Tångudden south-westwards to Asperö, Brännö, Köpstadsö, Styrö and Donsö.

5725(T)/12 SWEDEN - West Coast - Approaches to Göteborg - Älvsborg Northwards and South-westwards - Asperö, Brännö, Köpstadsö, Styrö and Donsö - Submarine pipelines. Restricted area. (continued)

2. The pipelines will be laid joining the following approximate positions:

57° 40'·73N., 11° 52'·07E. (shore)
57° 40'·93N., 11° 51'·46E.
57° 40'·75N., 11° 50'·85E.
57° 40'·10N., 11° 50'·24E.
57° 39'·74N., 11° 49'·59E.
57° 39'·24N., 11° 49'·41E.
57° 39'·22N., 11° 48'·65E.
57° 38'·88N., 11° 48'·47E. (shore)
and
57° 39'·08N., 11° 48'·57E.
57° 39'·22N., 11° 48'·23E.
57° 39'·16N., 11° 47'·91E. (shore)
and
57° 38'·96N., 11° 47'·49E. (shore)
57° 38'·79N., 11° 47'·07E. (shore)
and
57° 38'·88N., 11° 48'·47E. (shore)
57° 38'·48N., 11° 47'·71E.
57° 37'·80N., 11° 47'·20E.
57° 37'·81N., 11° 46'·27E.
57° 37'·13N., 11° 45'·68E. (shore)
and
57° 37'·13N., 11° 45'·68E. (shore)
57° 37'·33N., 11° 46'·19E.
57° 37'·15N., 11° 47'·64E.
57° 36'·91N., 11° 47'·65E. (shore)
and
57° 36'·91N., 11° 47'·65E. (shore)
57° 36'·84N., 11° 48'·32E.
57° 36'·44N., 11° 47'·78E.
57° 35'·88N., 11° 47'·48E. (shore)

3. Pipes, length 500m, will be towed from a restricted area at Fiskebäck in position 57° 38'·6N., 11° 51'·2E. to the work areas.
4. Charts will be updated when further information is available.
5. Mariners are advised to navigate with caution in this area. (All positions are referred to WGS84 Datum)

Charts affected — 857 — 858

5726(P)/12 FINLAND - West Coast - Gulf of Bothnia - Approaches to Uusikaupunki - Recommended tracks. Buoyage. Lights. Beacons.

Source: Finnish Notices 30/321/12, 31/338(P)/12 & 32/348(P)/12

1. Numerous changes are taking place, until Spring 2013, in the approaches to Uusikaupunki, from position 60° 34'·93N., 21° 07'·87E. to position 61° 02'·58N., 21° 06'·13E. The changes include amendments to recommended tracks, buoyage, lights and beacons.
2. Mariners are advised to consult the local authorities for further details and to navigate with caution in the area.
3. These changes will be included in the next New Edition of Chart 3438 and by Notice to Mariners for Chart 3415. (All positions are referred to Finnish Datum).

Charts affected — 3415 — 3438

5749(T)/12 ESTONIA - Approaches to Tallinn - Naissaar Southwards - Restricted area.

Source: ENC EE4C1207

1. Anchoring is prohibited in an area bounded by the following positions (WGS84 Datum):

- 59° 30'·5N., 24° 31'·5E.
- 59° 31'·6N., 24° 31'·5E.
- 59° 31'·2N., 24° 32'·7E.
- 59° 30'·5N., 24° 32'·7E.

Charts affected — 2227 — 2241 — 2248

5897(T)/12 LITHUANIA - Klaipėda - Kiaulės Nugara Northwards - Buoy.

Source: Lithuanian Navigational Warning 81/12

1. Light-buoy *No 25 Fl.G.3s*, in position 55° 40'·07N., 21° 08'·33E. has been temporarily moved to position 55° 39'·96N., 21° 08'·31E. (WGS84 Datum)

Chart affected — 2276

(5) NORTH SEA AND NORTH AND WEST COASTS OF DENMARK, GERMANY, NETHERLANDS AND BELGIUM

92(T)/10 NORTH SEA - United Kingdom Sector - Camelot Gas Field South-eastwards - Restricted area.

Source: Health & Safety Executive

1. The circular limit of restricted area, radius 500m (0·27M), centred on position 52° 54'·73N., 2° 14'·85E. has been temporarily relocated to position 52° 54'·58N., 2° 14'·85E. (All positions are referred to WGS84 Datum).

Charts affected — 106 — 1503 — 1504

1051(T)/10 GERMANY - North Sea Coast - The Jade - Wilhelmshaven - Rüstertsiel Eastwards - Measuring instruments.

Source: German Notice 3/7(21)T/10

1. Measuring instruments, marked by a yellow spar light-buoy, *Oc(3)4s*, have been established temporarily in position 53° 33'·81N., 8° 09'·90E. (WGS84 Datum).

Chart affected — 3618

3371(T)/10 BELGIUM - Oostende - Works. Piers. Depths.

Source: UKHO

1. Harbour works are in progress at the entrance to Oostende (51° 14'·4N., 2° 55'·2E. (WGS84 Datum)).
2. New piers are being constructed to the east and west of the harbour entrance.
3. Depths in the entrance channel are liable to change. Dredging operations are ongoing.
4. Mariners are requested to contact Oostende Traffic Control on VHF Channel 09 for the latest information and to navigate with caution in the area.
5. Former Notice 2628(T)/10 is cancelled.

Charts affected — 1872 — 1873 — 1874

3621(T)/10 GERMANY - North Sea Coast - The Ems - Gatjebogen (Gaatjebocht) Northwards - Foul.

Source: German Notice 25/(21)91(T)/10

1. A foul exists in approximate position 53° 20'·5N., 6° 59'·3E. (WGS84 Datum)

Chart affected — 3632

3922(T)/10 NETHERLANDS - Buitenbanken North-eastwards - Goeree - Military practice area.

Source: Netherlands Notice 27/352(T)/10

1. A military exercise area has been temporarily established in an area bounded by the following positions:

- 51° 56'·30N., 3° 38'·30E.
- 51° 56'·90N., 3° 41'·30E.
- 51° 54'·90N., 3° 42'·20E.
- 51° 54'·40N., 3° 39'·40E.

(All positions are referred to WGS84 Datum).

2. Mariners are strongly advised to avoid fishing in the above area due to measurement equipment and lines on the seabed.

Charts affected — 110 — 122 — 1630

1036(P)/11 NORTH SEA - United Kingdom Sector - Welland Gas Field - Platform. Restricted area. Works. Obstructions. Buoyage.

Source: Perenco (UK) Ltd

1. *The Welland Gas Field platform, and its associated 500m (0·27M) radius safety zone, have been removed from position 52° 59'·07N., 2° 44'·11E.
2. *Decommissioning work continues within the Welland Gas Field and seabed obstructions may exist until clearance work is complete.

1036(P)/11 NORTH SEA - United Kingdom Sector - Welland Gas Field - Platform. Restricted area. Works. Obstructions. Buoyage. (continued)

3. The following buoys have been temporarily established to mark the work area:

<i>Buoy type</i>	<i>Light</i>	<i>Position</i>
North cardinal	VQ	52° 59'·33N., 2° 44'·11E.
East cardinal	VQ(3)5s	52° 59'·06N., 2° 44'·56E.
South cardinal	Q(6)+LFl.15s	52° 58'·79N., 2° 44'·11E.
West cardinal	VQ(9)10s	52° 59'·02N., 2° 43'·60E.

4. Charts will be updated when decommissioning work is complete.

5. Former Notice 5147(P)/10 is cancelled.

*Indicates new or revised entry.

(All positions are referred to WGS84 Datum).

Charts affected — 1408 — 1503 — 1631 — 2182A

1376(T)/11 NORTH SEA - United Kingdom Sector - Everest Gas Field South-westwards - Development area.

Source: Health & Safety Executive

1. In connection with the development of Huntington Field, a development area has been established bounded by the following positions (WGS84 Datum):

57° 43'·05N., 1° 43'·23E.
57° 42'·82N., 1° 44'·14E.
57° 35'·61N., 1° 38'·82E.
57° 35'·73N., 1° 38'·01E.
57° 37'·09N., 1° 37'·97E.

2. Vessels, subsea craft and divers may be working in the area. Other vessels are strongly advised to keep clear.

Charts affected — 274 — 278

1976(P)/11 NORTH SEA - United Kingdom Sector - Indefatigable Gas Field - Works. Platforms. Lights. Buoyage.

Source: Shell UK Limited & Trinity House

1. Decommissioning work is taking place within Indefatigable Gas Field.

2. The following platforms are due to be removed during summer 2011:

<i>Position (WGS84 Datum)</i>	<i>Platform</i>
53° 21'·15N., 2° 36'·40E.	49/19-M
53° 19'·60N., 2° 37'·90E.	49/24-JP, JD
53° 17'·90N., 2° 37'·10E.	49/24-L
53° 17'·30N., 2° 43'·30E.	49/24-N
53° 16'·80N., 2° 41'·45E.	49/24-K

3. Aids to navigation have been discontinued at these platforms.

4. The related cardinal light-buoys have been relocated approximately 1500m (0·81M) from the locations listed above.

5. Charts will be updated when works are complete.

Charts affected — 1408 — 1503 — 1632 — 2182A

2533(T)/11 GERMANY - North Sea Coast - The Jade, Inner Part - Wilhelmshaven Northwards - Foul.

Source: ENC DE421070

1. A foul temporarily exists in position 53° 37'·14N., 8° 09'·68E. (WGS84 Datum) within the Voslapp-Reede anchorage area.

Chart affected — 3618

2652(T)/11 BELGIUM - Westhinder Anchorage Area - Obstruction.

Source: Belgian Notice 10/154(T)/11

1. An anchor has been reported lost in the vicinity of position 51° 24'·7N., 2° 34'·6E. (WGS84 Datum).

Charts affected — 1406 — 1630 — 1872 — 1873 — 2449

3282(T)/11 BELGIUM - Westhinder Anchorage area Eastwards - Obstruction.

Source: Belgian Notice 13/189(T)/11

1. An anchor has been reported lost in the vicinity of position 51° 24'·7N., 2° 40'·0E. (WGS84 Datum).

2. Mariners are advised not to anchor or trawl in this area.

Charts affected — 1406 — 1630 — 1872 — 1873 — 2449

3286(P)/11 NORTH SEA - United Kingdom Sector - Scapa Oil Field Westwards - Offshore installation.

Source: Petrex Ltd

1. Athena Oil Field is currently being developed. A Floating Production, Storage and Offloading vessel (FPSO) will be installed in position 58° 24'·37N., 0° 34'·43W.

2. Chains and anchors will be laid, extending approximately 900m (0·49M) from the FPSO.

3. Submarine pipelines will be laid joining the following positions:

58° 25'·21N., 0° 33'·06W.
58° 24'·37N., 0° 34'·43W.

(All positions are referred to WGS84 Datum)

Charts affected — 291 — 1239 — 2182C

4681(T)/11 BELGIUM - Westhinder - Westhinder Anchorage Eastwards - Foul.

Source: Belgian Notice 19/238(T)/11

1. An anchor and chain has been lost in position 51° 24'·33N., 2° 41'·39E. (WGS84 Datum).

Charts affected — 1406 — 1630 — 1872 — 1873 — 1874 — 2449

5080(T)/11 NETHERLANDS - Westerschelde - Schaar van Spijkerplaat - Depths.

Source: Netherlands Notice 1/42(T)/11 & UKHO

1. Shoaling is occurring in the Schaar van Spijkerplaat between buoys ARV3 (51° 24'·72N., 3° 36'·45E.) and SS11 (51° 24'·57N., 3° 40'·30E.)

2. Charted depths in this area are unreliable.

(All positions are referred to WGS84 Datum).

Chart affected — 120

5415(T)/11 DENMARK - North Sea Coast - Hvide Sande - Works. Buoyage. Light.

Source: Danish Notices 25/741/11 & 30/863/11

1. Works are in progress to extend the northern mole in the entrance to Hvide Sande. The limit of construction is marked with a red light-buoy, *Q.R.*, in position 55° 59'·88N., 8° 06'·45E. The light in position 55° 59'·94N., 8° 06'·54E. is extinguished.

2. A new mole is to be established between positions 55° 59'·82N., 8° 07'·11E. (shore) and 55° 59'·84N., 8° 06'·52E. (All positions are referred to WGS84 Datum).

3. Mariners are advised to navigate with caution in the area.

Chart affected — 1422

5447(T)/11 GERMANY - North Sea Coast - Approaches to The Elbe - Außenelbe Reede - Foul.

Source: German Notice 44/(21)3(T)/11

1. A foul temporarily exists in position 54° 02'·10N., 8° 07'·80E. (WGS84 Datum).

Charts affected — 1635 — 1875 — 3619 — 3767

129(T)/12 BELGIUM - Approaches to Zeebrugge - Scheur - Obstruction.

Source: Belgian Notice 24/286(T)/11

1. An obstruction, 0.5m above the seabed, exists in position 51° 24' 04N., 3° 06' 29E. (WGS84 Datum)
2. Mariners are advised to navigate with caution in the area.

Charts affected — 1630 — 1872 — 1874 — 2449

341(T)/12 NORTH SEA - Norwegian Sector - Troll Gas Field Northwards - Buoyage.

Source: Norwegian Notice 23/40939(T)/11

1. Weather observation buoys have been established in the following positions:

CM2 61° 05' 87N., 3° 30' 50E.

CM1 61° 07' 21N., 3° 31' 08E.

(All positions are referred to WGS84 Datum).

2. They are expected to remain on station until December 2012.

Charts affected — 299 — 2673

476(T)/12 NORTH SEA - Netherlands Sector - Maas North TSS North-eastwards - Wreck. Buoyage.

Source: Netherlands Notice 1/48(T)/12

1. A wreck is located in position 52° 20' 13N., 4° 06' 22E. It is marked by light-buoys as follows:

Buoy

North cardinal, *Q WRECK-N*

South cardinal, *Q(6)+LFl.15s WRECK-S*

East cardinal, *Q(3)10s WRECK-E*

West cardinal, *Q(9)10s WRECK-W*

West cardinal, *Q(9)10s Racon(D) WRECK-AW*

Position (WGS84 Datum)

52° 20' 24N., 4° 06' 22E.

52° 20' 02N., 4° 06' 22E.

52° 20' 13N., 4° 06' 39E.

52° 20' 13N., 4° 06' 04E.

52° 20' 13N., 4° 05' 91E.

Charts affected — 125 — 1408 — 1630 — 1631

707(T)/12 NORTH SEA - United Kingdom Sector - Franklin Gasfield South-eastwards - Obstruction.

Source: Calcore Ltd

1. An obstruction, standing approximately 6 metres above the seabed, exists in position 56° 54' 83N., 1° 57' 42E. (WGS84 Datum).

Charts affected — 272 — 273

787(T)/12 BELGIUM - Westhinder - Westhinder Anchorage - Fouls.

Source: Belgian Notices 2/45(T)-46(T)/12

1. Fouls have been reported to exist in the vicinity of the following positions (WGS84 Datum):

51° 24' 6N., 2° 38' 7E.

51° 24' 8N., 2° 34' 0E.

51° 25' 04N., 2° 33' 70E.

2. Mariners are advised not to anchor or trawl in this area.

Charts affected — 1406 — 1630 — 1872 — 1873 — 2449

2314(T)/12 GERMANY - North Sea Coast - The Elbe - Cuxhaven - Medemgrund Southwards and South-westwards - Works. Buoyage. Restricted area.

Source: German Notice 16/(21)44(T)/12

1. Works are in progress within an entry prohibited area, marked by light-buoys, bounded by the following positions:

Position

53° 51' 05N., 8° 44' 77E. (shore)

53° 51' 13N., 8° 44' 87E.

53° 50' 75N., 8° 45' 59E.

53° 50' 66N., 8° 45' 50E. (shore)

Light-buoy

North cardinal pillar

North cardinal pillar

Characteristics

Q

Q

2314(T)/12 GERMANY - North Sea Coast - The Elbe - Cuxhaven - Medemgrund Southwards and South-westwards - Works. Buoyage. Restricted area. (continued)

2. *A north cardinal pillar buoy has been established in position 53° 50' 17N., 8° 53' 13E.

(All positions are referred to WGS84 Datum)

* Indicates new or revised entry.

3. Former Notice 126(T)/12 is cancelled.

Chart affected — 3619

2855(T)/12 NORTH SEA - Norwegian Sector - East Brae Gas Field Eastwards - Utsira Ground Westwards - Current meter.

Source: Norwegian Notice 10/44058(T)/12

1. A current meter has been established on the seabed in the vicinity of position 58° 50' 55N., 2° 14' 90E. (WGS84 Datum).

Charts affected — 274 — 292

2856(T)/12 BELGIUM - Westhinder Eastwards - Westhinder Anchorage - Foul.

Source: Belgian Notice 11/169(T)/12

1. An anchor has been reported to exist in position 51° 24' 65N., 2° 34' 20E. (WGS84 Datum).

Charts affected — 1406 — 1630 — 1872 — 1873 — 2449

3006(T)/12 NORTH SEA - Netherlands Sector - TSS West Friesland Westwards - Western Mud Hole North-eastwards - Buoy. Works.

Source: Netherlands Notice 24/293(T)/12

1. A north cardinal light-buoy, *VQ K5F*, has been established in position 53° 44' 30N., 3° 37' 28E. (WGS84 Datum) to mark construction works.

2. Mariners are advised to navigate with caution in the area.

3. Former Notice 1497(T)/12 is cancelled.

Charts affected — 1423 — 1632

3390(T)/12 NETHERLANDS - IJmuiden North-westwards - Buoy. Obstruction.

Source: Netherlands Notice 27/318(T)/12

1. A north cardinal light-buoy, *VQ Q8 B*, has been established in position 52° 38' 53N., 4° 25' 97E. (WGS84 Datum) to mark an obstruction.

2. Mariners are advised to navigate with caution in the area.

Charts affected — 125 — 126 — 1408 — 1631

3980(P)/12 NORTH SEA - Norwegian Sector - Gullfaks Oil Field South-eastwards - Platform.

Source: Norwegian Notice 14/44535/12

1. Valemon Field is currently being developed. A platform jacket has been installed in position 61° 02' 41N., 2° 20' 23E. (WGS84 Datum).

2. The platform topsides will be installed on the jacket at a later date.

3. Charts will be updated when works are complete.

Charts affected — 295 — 299 — 2673

4085(P)/12 NORTH SEA - Netherlands Sector - TSS Off Botney Ground - Western Mud Hole Northwards - Submarine pipeline.

Source: Netherlands Notice 33/381(P)/12

1. Submarine pipeline laying works are in progress between the following positions (WGS84 Datum):

53° 43' 59N., 3° 05' 02E.

53° 41' 74N., 3° 20' 33E.

Charts affected — 2 — 1187 — 1423 — 1632 — 2182A — 2182B — 4140

4442(T)/12 GERMANY - North Sea Coast - The Ems - Borkum South-westwards - Obstruction.

Source: German Notice 36/(21)90(T)/12

1. An obstruction, depth unknown, exists in position 53° 33'·84N., 6° 38'·86E. (WGS84 Datum).

Chart affected — 3631

4835(T)/12 NORTH SEA - Norwegian Sector - Great Fisher Bank - Measuring instruments.

Source: Norwegian Notice 18/45017(T)/12

1. Submerged monitoring equipment has been temporarily established in the following positions (WGS84 Datum):

- 56° 38'·72N., 4° 05'·63E.
- 56° 38'·69N., 4° 05'·72E.
- 56° 38'·57N., 4° 06'·10E.
- 56° 38'·47N., 4° 06'·41E.
- 56° 38'·45N., 4° 06'·50E.
- 56° 38'·32N., 4° 06'·88E.
- 56° 38'·20N., 4° 07'·26E.
- 56° 39'·68N., 4° 07'·98E.

2. The equipment rises to approximately 10m above the seabed.

Charts affected — 272 — 1422 — 2182B

5019(T)/12 NETHERLANDS - Approaches to Westerschelde - Thornton Bank Northwards - Buoy.

Source: Belgian Notice 21/306(T)/12

1. An emergency wreck marking light-buoy, *Al.Oc.BuY.3s DANGER*, has been temporarily established in position 51° 36'·74N., 2° 58'·72E. (WGS84 Datum) to mark an exposed cable.

Charts affected — 110 — 1630 — 1872 — 1874 — 2449

5091(T)/12 NORTH SEA - Danish Sector - Valdemar Oil Field North-eastwards - Restricted area. Buoy.

Source: Danish Notice 41/1027(T)/12

1. *A circular restricted area, entry prohibited, radius 500m (0·27M), centred on position 55° 51'·61N., 4° 40'·40E. (WGS84 Datum), has been established until July 2013.
2. *The prohibited area is marked by an isolated danger light-buoy, *Fl(2)10s*.
*Indicates new or revised entry.
3. Former Notice 3038(T)/12 is cancelled.

Charts affected — 267 — 1422 — 2182B

5244(T)/12 NORTH SEA - United Kingdom Sector - Elgin Gas Field - Platform. Light. Radar beacon.

Source: Total E&P UK

1. The Elgin B platform jacket has been installed in position 57° 00'·72N., 1° 50'·42E. (WGS84 Datum). The jacket has been fitted with a light, Mo(U)15s10M, and a radar beacon, Racon (A).
2. The platform topsides are due to be installed in summer 2013.

Charts affected — 272 — 273 — 274

5325(T)/12 NORTH SEA - Netherlands Sector and German Sector - Measuring instruments. Buoyage.

Source: Netherlands and German Hydrographic Offices

1. Measuring instruments have been established temporarily in the positions shown below. They are marked by either yellow buoys or yellow light-buoys, *Q.Y*, *Fl(5)Y.20s*, *Fl.Y.4s*, *Fl(3)Y.15s* or lit cardinal buoys, and will be on station until further notice. Only the largest scale Admiralty chart is quoted. This list will be updated as necessary by Temporary Notices to Mariners.

5325(T)/12 NORTH SEA - Netherlands Sector and German Sector - Measuring instruments. Buoyage. (continued)

2.

Position	Largest Scale Chart(s)	Remarks
51° 44'·63N., 3° 18'·37E.	110	
51° 44'·60N., 3° 18'·40E.	110	
51° 26'·50N., 3° 41'·18E.	120	
51° 24'·49N., 3° 42'·31E.	120	Unlit
51° 21'·49N., 3° 44'·70E.	120	
51° 21'·34N., 3° 45'·55E.	120	Unlit
51° 22'·52N., 3° 55'·05E.	120	
51° 26'·82N., 3° 39'·79E.	120	Unlit
* 53° 31'·80N., 5° 28'·66E.	1633	
* 53° 32'·49N., 5° 39'·55E.	1633	
54° 00'·94N., 6° 07'·58E.	1633	
53° 55'·20N., 6° 11'·80E.	1635, 1633	
53° 58'·53N., 6° 13'·80E.	1635, 1633	
54° 02'·71N., 6° 13'·80E.	1635, 1633	
53° 54'·37N., 6° 13'·80E.	1635, 1633	
53° 51'·46N., 6° 15'·73E.	1635, 1633	
53° 54'·20N., 6° 17'·20E.	1635, 1633	
53° 56'·00N., 6° 18'·80E.	1635, 1633	
54° 07'·48N., 6° 20'·90E.	1635, 1633	
53° 59'·28N., 6° 21'·41E.	1635, 1633	

3.

Position	Largest Scale Chart(s)	Remarks
53° 52'·46N., 6° 27'·71E.	1635, 1633	
54° 06'·52N., 8° 52'·94E.	1875	
53° 56'·73N., 6° 28'·80E.	1635, 1633	
53° 59'·94N., 6° 28'·80E.	1635, 1633	
54° 03'·47N., 6° 28'·80E.	1635, 1633	
53° 57'·91N., 6° 29'·82E.	1635, 1633	
53° 52'·80N., 6° 30'·72E.	1635, 1633	
53° 57'·29N., 6° 33'·60E.	1635, 1633	
54° 03'·44N., 6° 33'·60E.	1635, 1633	
54° 00'·43N., 6° 33'·77E.	1635, 1633	
54° 05'·34N., 6° 36'·27E.	1635, 1633	
54° 01'·64N., 6° 36'·35E.	1635, 1633	
53° 57'·82N., 6° 36'·36E.	1635, 1633	
53° 59'·68N., 6° 36'·36E.	1635, 1633	
54° 03'·59N., 6° 36'·36E.	1635, 1633	
53° 59'·17N., 6° 36'·49E.	1635, 1633	
53° 44'·15N., 6° 37'·17E.	1635, 1633	
* 53° 44'·15N., 6° 37'·36E.	1635, 1633	
53° 58'·12N., 6° 39'·67E.	1635, 1633	
54° 00'·86N., 6° 39'·67E.	1635, 1633	
54° 03'·68N., 6° 39'·67E.	1635, 1633	
53° 54'·42N., 6° 40'·27E.	1635, 1633	
54° 17'·52N., 6° 14'·78E.	1635	
54° 15'·31N., 6° 17'·38E.	1635	

5325(T)/12 NORTH SEA - Netherlands Sector and German Sector - Measuring instruments.
Buoyage. (continued)

4.

Position	Largest Scale Chart(s)	Remarks
54° 17'·62N., 6° 19'·38E.	1635	
54° 16'·87N., 6° 28'·01E.	1635	
53° 59'·26N., 6° 44'·10E.	1635	
54° 01'·29N., 6° 44'·10E.	1635	
54° 03'·40N., 6° 44'·10E.	1635	
54° 00'·60N., 6° 58'·68E.	1635	
54° 03'·96N., 6° 58'·68E.	1635	
54° 04'·47N., 7° 22'·03E.	1635	
53° 37'·20N., 6° 22'·12E.	3631	
* 53° 41'·18N., 6° 25'·50E.	3631	
* 53° 32'·46N., 6° 27'·00E.	3631	
* 53° 42'·19N., 6° 27'·05E.	3631	
* 53° 40'·89N., 6° 27'·16E.	3631	
* 53° 29'·74N., 6° 27'·60E.	3631	
* 53° 42'·14N., 6° 29'·34E.	3631	
53° 41'·46N., 6° 30'·19E.	3631	
* 53° 41'·36N., 6° 30'·74E.	3631	
53° 37'·22N., 6° 31'·31E.	3631	
* 53° 41'·92N., 6° 31'·54E.	3631	
53° 41'·91N., 6° 34'·82E.	3631	
* 53° 34'·22N., 6° 37'·95E.	3631	
* 53° 34'·58N., 6° 39'·64E.	3631	
* 53° 30'·37N., 6° 53'·00E.	3631	
* 53° 37'·14N., 6° 55'·62E.	3631	Unlit
* 53° 37'·53N., 6° 58'·14E.	3631	
53° 19'·53N., 7° 04'·67E.	3632	
* 53° 19'·52N., 7° 05'·13E.	3632	

5.

Position	Largest Scale Chart(s)	Remarks
54° 23'·19N., 7° 37'·40E.	3767	
55° 04'·41N., 7° 47'·61E.	3767	
54° 35'·38N., 7° 43'·28E.	3767	
54° 50'·99N., 7° 52'·12E.	3767	
54° 40'·86N., 7° 55'·53E.	3767	
54° 54'·47N., 8° 15'·95E.	3767	
54° 47'·50N., 8° 16'·30E.	3767	
55° 12'·30N., 7° 16'·60E.	3766	
55° 26'·93N., 4° 18'·00E.	267	
55° 19'·83N., 4° 34'·92E.	267	
55° 05'·23N., 5° 05'·80E.	267	
54° 57'·13N., 5° 38'·16E.	1423	
54° 30'·67N., 5° 49'·21E.	1423	
54° 30'·74N., 5° 49'·27E.	1423	
54° 30'·67N., 5° 49'·35E.	1423	
54° 19'·43N., 5° 55'·18E.	1423	
54° 19'·50N., 5° 55'·25E.	1423	

5325(T)/12 NORTH SEA - Netherlands Sector and German Sector - Measuring instruments.
Buoyage. (continued)

6.

Position	Largest Scale Chart(s)	Remarks
54° 19'·43N., 5° 55'·33E.	1423	
54° 30'·19N., 6° 14'·83E.	1423	
54° 31'·39N., 6° 17'·97E.	1423	
54° 30'·82N., 6° 20'·46E.	1423	
54° 26'·67N., 6° 20'·59E.	1423	
54° 32'·65N., 6° 21'·16E.	1423	
54° 58'·75N., 6° 21'·49E.	1423	
54° 58'·67N., 6° 21'·56E.	1423	
54° 58'·82N., 6° 21'·67E.	1423	
54° 58'·68N., 6° 21'·79E.	1423	
54° 29'·20N., 6° 22'·60E.	1423	
54° 31'·40N., 6° 23'·20E.	1423	
54° 47'·72N., 6° 23'·67E.	1423	
54° 47'·80N., 6° 23'·67E.	1423	

7.

Position	Largest Scale Chart(s)	Remarks
54° 47'·70N., 6° 23'·84E.	1423	
54° 47'·82N., 6° 23'·84E.	1423	
54° 25'·69N., 6° 24'·41E.	1423	
54° 25'·61N., 6° 24'·41E.	1423	
54° 25'·71N., 6° 24'·59E.	1423	
54° 25'·59N., 6° 24'·59E.	1423	
54° 36'·84N., 6° 36'·65E.	1423	
54° 23'·20N., 6° 52'·52E.	1423	
54° 23'·12N., 6° 52'·52E.	1423	
54° 23'·22N., 6° 52'·70E.	1423	
54° 23'·10N., 6° 52'·70E.	1423	
54° 55'·00N., 6° 58'·80E.	1423	
53° 56'·45N., 7° 50'·06E.	3617	Unmarked
53° 50'·51N., 7° 56'·06E.	3617	Unmarked
53° 57'·19N., 7° 59'·86E.	3617	Unmarked
53° 52'·51N., 8° 07'·02E.	3617	Unmarked
54° 13'·19N., 8° 07'·90E.	1875	Unmarked
54° 08'·00N., 8° 08'·80E.	1875	Unmarked
54° 08'·34N., 8° 22'·12E.	1875	Unmarked
54° 15'·66N., 8° 22'·15E.	1635, 3767	Unmarked
54° 12'·42N., 8° 29'·26E.	1875	Unmarked

* Indicates new or revised entry.

(All positions are referred to WGS84 Datum)

Mariners are advised to navigate with caution in these areas.

8. Former Notice 4237(T)/12 is cancelled.

Charts affected — 110 — 120 — 267 — 1423 — 1633 — 1635 — 1875 — 3617 — 3631 — 3632 — 3766 — 3767

5486(T)/12 BELGIUM - Approaches to Zeebrugge - Sierra Ventana Westwards - Foul.

Source: Belgian Notice 23/344(T)/12

1. A foul has been reported to exist in the vicinity of position 51° 27'·18N., 3° 01'·17E. (WGS84 Datum).

2. Vessels are requested not to anchor or fish in this area.

Charts affected — 1872 — 1873 — 1874

5487(T)/12 BELGIUM - Westhinder Anchorage Eastwards - Foul.

Source: Belgian Notice 23/345(T)/12

1. A foul has been reported to exist in the vicinity of position 51° 25'·10N., 2° 40'·59E. (WGS84 Datum).

2. Vessels are requested not to anchor or fish in this area.

Charts affected — 1872 — 1873 — 1874

5728(T)/12 NORTH SEA - Belgium - Measuring instruments. Buoyage.

Source: Belgian Hydrographic Office

1. Measuring instruments have been established temporarily in the positions shown below. They are usually marked by either yellow buoys or yellow light-buoys, *Fl(5)Y.20s*, *Fl.Y.5s*, *Q*, or lit cardinal buoys and will be on station until further notice. Only the largest scale Admiralty chart is quoted. This list will be updated as necessary by Temporary Notices to Mariners.

Position	Largest Scale Chart(s)	Remarks
* 51° 29'·05N., 2° 33'·57E.	1873	Unmarked
* 51° 12'·37N., 2° 47'·70E.	1873	HD14
* 51° 12'·34N., 2° 47'·90E.	1873	H3
* 51° 12'·46N., 2° 47'·94E.	1873	HD11
* 51° 13'·23N., 2° 52'·17E.	1873	aKUST30
* 51° 13'·31N., 2° 52'·17E.	1873	H8
51° 33'·65N., 2° 59'·10E.	1874	
51° 23'·57N., 3° 11'·75E.	1874	H9
51° 21'·72N., 3° 17'·40E.	1874	HD24

2. Mariners are requested to keep a safe distance and not to sail, anchor, dive or fish in the vicinity of these measuring instruments.
3. Former Notice 3896(T)/12 is cancelled.

Charts affected — 1873 — 1874

5729(T)/12 GERMANY - North Sea Coast - Entrance to the Ems - Osterems - Restricted area. Buoyage. Foul.

Source: German Notice 45/(21)90(T)/12

1. An entry prohibited area, marked by buoys has been established, bounded by the following positions:

Position	Remarks
53° 36'·88N., 6° 51'·25E.	Lit
53° 36'·79N., 6° 51'·58E.	Lit
53° 36'·64N., 6° 51'·42E.	Unlit
53° 36'·73N., 6° 50'·95E.	Unlit

2. A foul area, containing explosives, exists in position 53° 37'·30N., 6° 49'·99E. The area is marked by an unlit south cardinal buoy. (All positions are referred to WGS84 Datum)

Chart affected — 3631

5830(T)/12 DENMARK - North Sea Coast - Limfjorden - Salling Sund - Glyngøre - Restricted area. Buoyage.

Source: Danish Notice 47/1177(T)/12

1. *A restricted area, entry prohibited, has been established, until further notice, within an area bounded by the following positions (WGS84 Datum):

56° 45'·74N., 8° 51'·70E.
 *56° 45'·52N., 8° 51'·54E.
 56° 45'·56N., 8° 51'·84E.

2. The restricted area is marked by yellow spar buoys fitted with topmarks.
* Indicates new or revised entry.
3. Former Notice 3803(T)/12 is cancelled.

Chart affected — 427

5832(P)/12 GERMANY - North Sea Coast - East Friesland TSS North-eastwards - Submarine power cable.

Source: German Notice 47/(21)50(P)/12

1. In connection with the development of BARD Offshore 1 and Global Tech 1 wind farms, a submarine power cable will be laid joining the following positions (WGS84 Datum):

54° 21'·3N., 6° 01'·5E.
 54° 26'·4N., 6° 07'·8E.
 54° 26'·7N., 6° 08'·5E.
 54° 27'·3N., 6° 14'·4E.
 54° 29'·4N., 6° 18'·1E.
 54° 29'·7N., 6° 19'·4E.

2. Chart 1423 will be updated when works are complete.

Chart affected — 1423

5874(P)/12 NETHERLANDS - Approaches to Nieuwe Waterweg and Europoort - Maasgeul - Dredged area. Buoy.

Source: Netherlands Notice 48/543/12

1. A dredged area, depth 20m, exists bounded by the following positions:

52° 01'·13N., 3° 57'·11E. (limit of DW 22·9m)
 52° 00'·05N., 4° 01'·42E.
 51° 59'·90N., 4° 01'·93E.
 51° 59'·52N., 4° 02'·74E. (existing limit)
 51° 59'·94N., 4° 01'·31E.
 52° 01'·01N., 3° 57'·00E. (W border)
 52° 01'·07N., 3° 57'·00E. (W border)

2. The safe water light-buoy, *Mo(A)8s MO*, has been moved to position 52° 01'·10N., 3° 58'·19E. (All positions are referred to WGS84 Datum)
3. These changes will be included in a New Edition of Chart 207 to be published January 2013.

Chart affected — 207

5892(T)/12 BELGIUM - Westerschelde - Antwerp - Oosterweel - Noordkasteelbruggen - Bridge.

Source: Belgian Notice 24/367(T)/12

1. Passage through the middle fairway of Noordkasteel bridge, in position 51° 14'·83N., 4° 23'·22E. (WGS84 Datum), is restricted until February 2013.
2. Mariners are advised to consult the local port authorities for the latest information.

Chart affected — 128

(6) FRANCE AND SPAIN, NORTH AND WEST COASTS, AND PORTUGAL

5181(P)/05 SPAIN - North Coast - Approaches to Puerto de Luanco and Puerto de Lastres - Depths.

Source: Spanish Chart 4041

1. Numerous depths less than charted exist in the approaches to Puerto de Luanco and Puerto de Lastres. The most significant are as follows:

Approaches to Puerto de Luanco:

30m	43° 38'·148N., 5° 45'·172W.
13 ₈ m	43° 38'·087N., 5° 46'·368W.
25 ₅ m	43° 38'·040N., 5° 45'·766W.
16 ₉ m	43° 37'·982N., 5° 46'·228W.
27 ₅ m	43° 37'·944N., 5° 44'·236W.
24m	43° 37'·935N., 5° 45'·126W.
12 ₇ m	43° 37'·935N., 5° 46'·406W.
17 ₇ m	43° 37'·885N., 5° 45'·928W.
23 ₅ m	43° 37'·825N., 5° 44'·854W.
21 ₅ m	43° 37'·725N., 5° 45'·222W.
19 ₂ m	43° 37'·595N., 5° 45'·634W.
16 ₄ m	43° 37'·540N., 5° 45'·879W.
14 ₁ m	43° 37'·465N., 5° 46'·104W.
9 ₃ m	43° 37'·458N., 5° 46'·460W.
2 ₅ m	43° 37'·120N., 5° 46'·916W.
1m	43° 37'·105N., 5° 47'·006W.
3 ₂ m	43° 36'·894N., 5° 46'·419W.
7 ₂ m	43° 36'·730N., 5° 45'·795W.
2 ₄ m	43° 36'·628N., 5° 46'·166W.

Approaches to Puerto de Lastres:

13 ₈ m	43° 31'·997N., 5° 16'·545W.
6 ₇ m	43° 31'·793N., 5° 16'·534W.
2 ₈ m	43° 31'·754N., 5° 16'·691W.
10m	43° 31'·585N., 5° 16'·206W.
1 ₅ m	43° 31'·555N., 5° 16'·495W.
15 ₈ m	43° 31'·513N., 5° 15'·656W.
17 ₈ m	43° 31'·505N., 5° 15'·324W.
15 ₈ m	43° 31'·253N., 5° 15'·206W.
18 ₄ m	43° 31'·245N., 5° 14'·811W.
7 ₅ m	43° 31'·227N., 5° 15'·525W.
14 ₈ m	43° 31'·154N., 5° 15'·128W.
13 ₇ m	43° 31'·023N., 5° 15'·211W.
14 ₁ m	43° 30'·997N., 5° 15'·028W.
7 ₁ m	43° 30'·384N., 5° 14'·727W.
4 ₉ m	43° 30'·326N., 5° 14'·949W.

Depths within the harbour are now less than 5 metres.

2. Mariners are advised to proceed with caution in these areas.
3. These changes will be included in the next New Edition of Chart 1150.
4. Former Notice 733(P)/03 is cancelled.

Chart affected — 1150

1240(T)/09 FRANCE - West Coast - Anse Du Poulmic Northwards - Fouls.

Source: French Notice 5/2(T)/09

1. Three concrete cubes have been placed in the following positions (WGS84 Datum):

48° 18'·246N., 4° 24'·485W.
48° 18'·240N., 4° 24'·424W.
48° 18'·204N., 4° 24'·479W.

2. Mariners are requested not to fish, dredge, trawl or anchor within this vicinity.

Chart affected — 3429

6867(P)/09 FRANCE - West Coast - Approaches to Brest - Avant Goulet de Brest, Goulet de Brest and Rade de Brest - Restricted area.

Source: French Notice 9/41/33, French SD's 9.3.2.1 & French Chart 7398

1. A restricted area has been established bounded by the coastline and the following positions (WGS84 Datum):

48° 19'·13N., 4° 35'·00W.(shore)
48° 17'·53N., 4° 39'·75W.(limit)
48° 18'·66N., 4° 43'·02W.
48° 20'·20N., 4° 36'·87W.(shore)
and
48° 21'·46N., 4° 32'·02W.(shore)
48° 22'·15N., 4° 29'·21W.(limit)
48° 21'·94N., 4° 28'·98W.(limit)
48° 22'·48N., 4° 27'·36W.
48° 22'·38N., 4° 27'·28W.
48° 21'·84N., 4° 28'·88W.(limit)
48° 21'·62N., 4° 28'·65W.
48° 20'·50N., 4° 31'·93W.(shore)

2. Details of navigation restrictions can be obtained from Brest Port Control Station. See Admiralty List of Radio Signals for contact details.
3. Charts will be updated when full details become available.

Charts affected — 2356 — 3427 — 3428 — 3429

5383(T)/10 FRANCE - North Coast - Boulogne-Sur-Mer South-westwards - Radar beacon.

Source: French Notice 40/05(T)/10

1. The radar beacon at the Vergoyer Nord light-buoy (50° 39'·65N., 1° 22'·20E. (WGS84 Datum)) will be out of service for a period of more than one year.

Charts affected — 2451 — 2675

5997(T)/10 PORTUGAL - West Coast - Canhão da Nazaré - Mooring buoys.

Source: Portuguese Notices 11/329(T)/09 & 10/357(T)/10.

1. *Sub-surface oceanographic buoys and moorings are deployed and retrieved on a periodic basis within Canhão da Nazaré and the surrounding area from position 39° 38'·0N., 9° 15'·0W. to position 39° 30'·1N., 9° 54'·9W.
2. These instruments, which may be marked or unmarked, can be up to 500m beneath the surface.
3. Mariners are advised to navigate with caution in these areas.
*(All positions are referred to WGS84 Datum).
* Indicates new or revised entry.
4. Former Notice 221(T)/10 is cancelled.

Chart affected — 3635

6175(P)/10 PORTUGAL - West Coast - Figueira da Foz - Works. Lights.

Source: Portuguese Notices 4/208/09, 6/265(T)/10 & 10/347/10

1. Works are in progress in the port of Figueira da Foz to extend exterior Molhe N by 400m to the south-west.
2. *The Molhe N light, Fl.R.6s14m9M Horn(1)35s, has been permanently re-established in position 40° 08'·674N., 8° 52'·615W. (WGS84 Datum).
3. Mariners are advised to navigate with caution in this area.
4. All vessels intending to enter this port should contact the pilotage department on VHF Channel 14 for the latest information.
5. Charts will be updated when further information becomes available.
6. Former Notice 4335(P)/10 is cancelled.
* Indicates new or revised entry.

Charts affected — 3228 — 3634 — 3635

715(P)/11 FRANCE - West Coast - La Garonne - Bordeaux - Quais de Rive Gauche Eastwards - Bridge.

Source: French Notice 3/29/11

1. A bridge is under construction centred on position 44° 51'·460N., 0° 33'·130W. (WGS84 Datum).
2. Mariners are advised to navigate with caution in this area.

Chart affected — 3069

1577(T)/11 PORTUGAL - West Coast - Lisboa South-eastwards - Estação Sul e Sueste South-westwards - Buoyage. Works. Restricted area.

Source: Portuguese Hydrographic Office

1. Buoys have been established marking the works in progress south-westwards of Estação Sul e Sueste, in the vicinity of position 38° 42'·23N., 9° 08'·24W. (WGS84 Datum).
2. Navigation is prohibited between the buoys and the shore.
3. Mariners are advised to navigate with caution in the area.
4. Charts will be updated on completion of the works.
5. Former Notice 6286(T)/10 is cancelled.

Charts affected — 3221 — 3222

1814(P)/11 FRANCE - West Coast - Lorient and Pass de l'Ouest - Depths.

Source: French Notice 12/08(P)/11

1. Depths less than charted have been reported to exist in Passe de l'Ouest, Rade de Pen-mane, Anse du Ter and Le Blavet. The most significant are as follows (WGS84 Datum):

Depth	Position
2·4m	47° 45'·02N., 3° 20'·95W.
0·5m	47° 44'·94N., 3° 19'·35W.
5·9m	47° 44'·93N., 3° 21'·02W.
0·9m	47° 44'·88N., 3° 19'·35W.
5·2m	47° 44'·87N., 3° 21'·00W.
5·4m	47° 44'·81N., 3° 21'·02W.
5·7m	47° 44'·76N., 3° 21'·00W.
5·9m	47° 44'·76N., 3° 20'·89W.
6·3m	47° 44'·55N., 3° 20'·88W.
3·9m	47° 44'·52N., 3° 20'·94W.
0·7m	47° 44'·47N., 3° 21'·04W.
4·9m	47° 44'·44N., 3° 21'·04W.
4·9m	47° 44'·35N., 3° 20'·85W.
6·7m	47° 44'·34N., 3° 21'·19W.
6·6m	47° 44'·34N., 3° 20'·93W.
7·7m	47° 44'·25N., 3° 21'·27W.
2·7m	47° 43'·70N., 3° 21'·79W.
1·6m	47° 43'·70N., 3° 22'·34W.
3·5m	47° 43'·58N., 3° 22'·17W.
5·6m	47° 41'·02N., 3° 24'·48W.

2. The relevant charts will be updated as more information becomes available.

Charts affected — 304 — 2821 — 2822

2476(P)/11 FRANCE - North Coast - Rade de Caen, Ouistreham - Works.

Source: French Notice 18/4/11

1. Reclamation is taking place, until spring 2012, north of the RoRo terminal (49° 17'·42N., 0° 14'·91W.).
2. The western training wall between positions 49° 17'·45N., 0° 14'·84W. and 49° 17'·87N., 0° 14'·87W. is being increased in height by 2 metres and extended northwards by 220 metres.

2476(P)/11 FRANCE - North Coast - Rade de Caen, Ouistreham - Works. (continued)

3. Dredging works are taking place, until 1 October 2011, within the turning area bounded by the following positions:

49° 17'·35N., 0° 14'·86W.
49° 17'·34N., 0° 14'·68W.
49° 17'·16N., 0° 14'·68W.
49° 17'·16N., 0° 14'·89W.

4. The dredged depth within the turning area is 1·0m less than charted.
5. Mariners are advised to navigate with caution in the area. (All positions are referred to WGS84 Datum).

Charts affected — 1349 — 2136 — 2146

5102(T)/11 FRANCE - North Coast - Dieppe Northwards - Buoy. Automatic Identification System. Restricted area.

Source: French Notice 41/03(T)/11

1. A special purpose light-buoy, *Fl(5)Y.20s*, with Automatic Identification System (AIS) has been deployed in position 50° 03'·23N., 1° 06'·12E. (WGS84 Datum).
2. Navigation, anchoring, bathing and diving are prohibited within 200m of the buoy.

Charts affected — 2148 — 2451 — 2675

5426(T)/11 PORTUGAL - West Coast - Viana do Castelo - Rio Lima - Molhe Cabedelo South-westwards - Depths.

Source: Portuguese Notice 10/326(T)/11

1. The following shoal depths exist within the 8m maintained depth area:

5·9m 41° 40'·635N., 8° 50'·264W.
*6·3m 41° 40'·710N., 8° 50'·315W.
*6·1m 41° 40'·739N., 8° 50'·337W.

2. * A depth of 6·6m exists to the south of the 8m maintained depth area in position 41° 40'·510N., 8° 50'·302W. * Indicates new or revised entry. (All positions are referred to ED50 Datum).
3. Former Notice 4463(T)/11 is cancelled.

Chart affected — 3257

5793(T)/11 FRANCE - North Coast - Outer Approaches to Le Trieux - Plateau de la Horaine North-eastwards - Restricted area.

Source: French Notice 47/2(T)/11

1. Stopping, anchoring, fishing and diving are prohibited within the area bounded by the following positions (WGS84 Datum):

48° 54'·49N., 2° 53'·37W.
48° 54'·56N., 2° 53'·54W.
48° 54'·62N., 2° 53'·48W.
48° 54'·56N., 2° 53'·31W.

Charts affected — 2028 — 3673

811(T)/12 FRANCE - North Coast - Dunkerque Port Ouest - Avant-port Ouest - Buoy.

Source: French Notice 4/04(T)/12

1. The port-hand lateral light-buoy, *Fl.R.4s AP3*, in position 51° 02'·14N., 2° 10'·70E. (WGS84 Datum), has been temporarily removed.

Chart affected — 1350

935(T)/12 PORTUGAL - West Coast - Porto de Aveiro - Canal da Embocadura - Depths.

Source: Portuguese Notice 1/122(T)/12

1. Silting has occurred along the north mole, centred on position 40° 38'·66N., 8° 45'·68W. (WGS84 Datum), in the entrance to Porto de Aveiro.
2. All vessels using this harbour entrance without a pilot on board must always do so south of the leading line.

935(T)/12 PORTUGAL - West Coast - Porto de Aveiro - Canal da Embocadura - Depths. (continued)
3. All vessels intending to navigate through the port must contact the pilotage services.

Chart affected — 3227

940(P)/12 SPAIN - North Coast - Ria de Suances - El Tropiczo to Muelle de Solvay - Beacons.
Light-beacons.

Source: Spanish Lights List

1. Changes to beacons have taken place in Ria de Suances. The channel south of the port of Suances in position 43° 25'·85N., 4° 01'·99W. (ED50 Datum) is now lit.
2. Mariners are advised to navigate with caution in the area.

Chart affected — 1150

1529(T)/12 SPAIN - South West Coast - Cabo Trafalgar South-westwards to Banco del Hoyo Southwards - Submarine cable.

Source: Verizon UK Limited

1. A submarine cable exists joining the following positions (WGS84 Datum):

36° 03'·91N., 6° 26'·98W.
36° 04'·36N., 6° 22'·02W.
36° 04'·27N., 6° 19'·73W.
36° 04'·06N., 6° 17'·99W.
36° 03'·58N., 6° 13'·57W.
36° 01'·32N., 6° 04'·87W.

2. Mariners are advised not to anchor or trawl in the vicinity of the cable route.

Charts affected — 91 — 142

3159(T)/12 FRANCE - West Coast - Île d'Ouessant Westwards - Little Sole Bank South-westwards - Obstructions.

Source: RRS *Discovery*

1. Underwater moorings have been established in the following positions:

Mooring	Position (WGS84 Datum)
LT1	48° 03'·87N., 9° 44'·63W.
LT2	48° 20'·16N., 9° 26'·38W.

2. The moorings extend upwards from the seabed and have no surface marker.
3. Mariners are advised to navigate with caution in the vicinity.

Charts affected — 1104 — 2649

4345(T)/12 PORTUGAL - West Coast - Approaches to Setúbal - Outão North-north-eastwards - Works.

Source: ENC PT526308

1. Works are taking place, until further notice, in the vicinity of position 38° 29'·61N., 8° 55'·88W. (WGS84 Datum).
2. Mariners are advised to navigate with caution in the area.

Chart affected — 3259

5323(T)/12 FRANCE - West Coast - Rade de Brest - Anse du Poulmic Northwards - Obstruction.
Buoyage.

Source: French Notice 43/1(T)/12

1. An underwater generator, marked by light-buoys, has been established in position 48° 18'·46N., 4° 23'·50W. (WGS84 Datum)
2. Navigation, anchoring, trawling, dredging and diving are prohibited within 200m (0-11M) radius of this position.

Chart affected — 3429

5727(T)/12 FRANCE - West Coast - Iroise - Ile de Sein Northwards and Southwards, Cap de la Chèvre Southwards, Ile D'Ouessant (Ushant) South-eastwards, Baie de Douarnenez and Chenal du Four - Pointe de Kermorvan Southwards - Scientific instruments.
Buoyage.

Source: French Notices 44/1(T)/12 & 46/1(T)/12

1. Submerged measuring instruments, marked by yellow light-buoys, have been established in the following positions:

48° 00'·34N., 4° 55'·34W.
48° 04'·85N., 4° 55'·26W.
48° 07'·46N., 4° 32'·77W.
48° 14'·80N., 5° 09'·00W.
48° 25'·67N., 5° 01'·68W.

2. Unmarked seafloor moored measuring instruments, have been established in the following positions:

48° 24'·02N., 5° 03'·07W.
48° 03'·85N., 4° 54'·01W.
48° 01'·08N., 4° 52'·16W.
48° 01'·88N., 4° 51'·81W.
48° 01'·90N., 4° 51'·66W.
48° 25'·71N., 5° 00'·88W.
*48° 21'·56N., 4° 47'·51W.
*48° 09'·02N., 4° 20'·97W.

* Indicates new or revised entry.

(All positions are referred to WGS84 Datum)

3. Former Notice 5327(T)/12 is cancelled.

Charts affected — 2348 — 2349 — 2350 — 2356 — 2643 — 2647 — 2819 — 3345

5831(T)/12 SPAIN - South West Coast - Cadiz - Canal del Norte - Restricted area.

Source: Spanish Notice 47/336(T)/12

1. A circular restricted area, anchoring and fishing prohibited, radius 250m, has been established centred on position 36° 34'·76N., 6° 17'·22W. (WGS84 Datum).
2. Explosives are reported to exist within the area.

Charts affected — 86 — 88

(7) NORTH ATLANTIC OCEAN

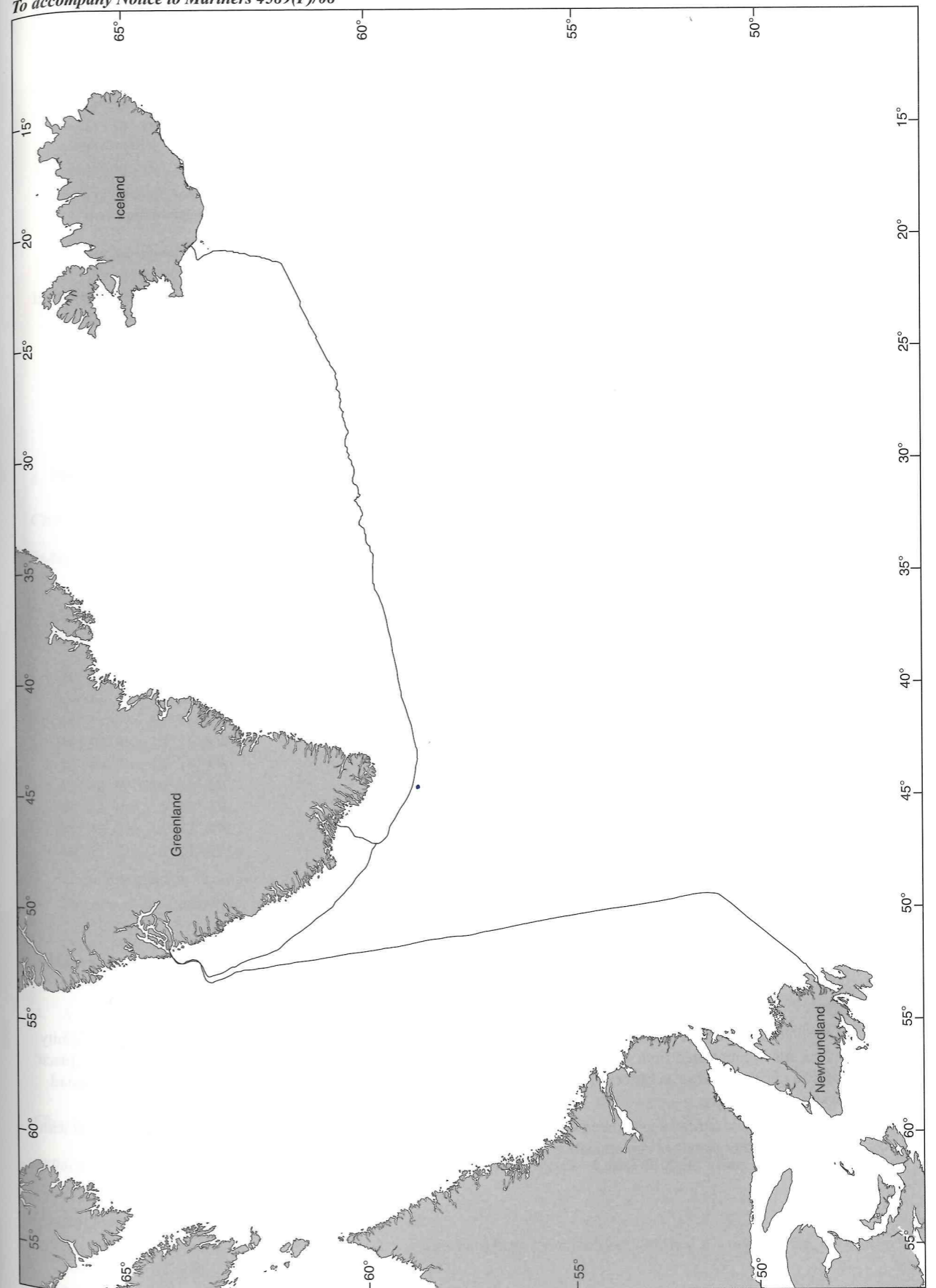
4589(P)/08 NORTH ATLANTIC OCEAN - Iceland - Greenland - Newfoundland - Submarine cable.

Source: Alcatel-Lucent

1. Work has begun on laying the Greenland Connect cable system from Iceland to Greenland thence to Newfoundland, Canada, along the route shown in the accompanying diagram.
2. Vessels are requested not to anchor or trawl in the vicinity of the cable route.
3. Charts will be updated when works are complete.

Charts affected — 324 — 2733 — 4733

To accompany Notice to Mariners 4589(P)/08



904(T)/09 NORTH ATLANTIC OCEAN - Islas Canarias - Gran Canaria South-westwards - Buoyage. Scientific instruments.

Source: UKHO

- Submerged buoys and associated scientific instruments have been established, temporarily, at a depth of 150m in position 27° 29'·95N., 16° 15'·37W. (WGS84 Datum).
- This equipment is expected to remain in position until further notice.

Charts affected — 1869 — 3133 — 3134

3864(T)/11 NORTH ATLANTIC OCEAN - Arquipélago dos Açores - Flores South-south-westwards - Data buoy.

Source: French Hydrographic Office

- * It has been reported that an oceanographic data buoy, with a swinging circle, radius 1000m, *Fl(5)Y.12s*, has been deployed until July 2012, in position 37° 18'·1N., 32° 16'·5W. (Undetermined Datum).
* Indicates new or revised entry.
- Mariners are advised to navigate with caution in the area.
- Former Notice 5675(T)/10 is cancelled.

Charts affected — 4103 — 4114 — 4115

5077(T)/11 NORTH ATLANTIC OCEAN - Føroyar South-westwards, North-westwards, North-eastwards and South-eastwards - Measuring instruments.

Source: Danish Notice 38/1069/11

- Measuring instruments without surface markers are currently deployed as follows:

Position (WGS84 Datum)	Depth (m)	Largest scale chart
60° 34'·0N., 4° 46'·0W.	664	219
60° 47'·1N., 5° 18'·0W.	687	219
61° 23'·4N., 8° 18'·9W.	833	1129
61° 25'·1N., 8° 17'·2W.	816	1129
62° 37'·9N., 8° 28'·5W.	497	245
62° 42'·3N., 6° 04'·7W.	293	2182D
62° 47'·8N., 6° 04'·6W.	448	2182D
62° 54'·5N., 6° 05'·0W.	754	2182D
63° 06'·2N., 6° 05'·1W.	676	2182D
60° 23'·4N., 6° 09'·6W.	416	219
60° 13'·5N., 6° 10'·0W.	730	219
60° 04'·1N., 6° 10'·1W.	715	219
60° 50'·0N., 6° 23'·6W.	165	219

Charts affected — 219 — 245 — 1129 — 2182D

1026(T)/12 NORTH ATLANTIC OCEAN - Grand Banks of Newfoundland - Tail of the Bank Southwards - RMS Titanic - Wreck.

Source: UKHO

- The 14 April 2012 will be the 100th anniversary of the sinking of the RMS Titanic. Increased vessel traffic in the vicinity of the wreck site is anticipated from 4 April 2012 until 24 April 2012. The UK regards the wreck as the final resting place for those who perished and as an historical wreck of exceptional international importance, and as such should be treated with respect and reverence.
- There are several safety concerns associated with an increased number of vessels in close proximity to each other, and with the potential for further damage / contamination of the wreck site and the surrounding marine environment.

1026(T)/12 NORTH ATLANTIC OCEAN - Grand Banks of Newfoundland - Tail of the Bank Southwards - RMS Titanic - Wreck. (continued)

- To preserve the wreck site from further damage or contamination, vessels should:
 - Refrain where operationally possible from discharging rubbish, blackwater, graywater, and any other incidental discharges within 15 nautical miles up current of the wreck site and within an area joining the following positions:

41° 55'·3N., 50° 10'·0W.
41° 55'·1N., 49° 43'·2W.
41° 32'·1N., 49° 43'·6W.
41° 32'·4N., 50° 10'·3W.

- Concentrate any drop weights or other materials necessary for normal descent / ascent of submersible craft over the wreck site, to within 100 metres of the following positions:

41° 44'·125N., 49° 56'·767W.
41° 43'·843N., 49° 56'·537W.
41° 43'·687N., 49° 57'·017W.
41° 43'·958N., 49° 57'·100W.

- Use biodegradable materials, such as cloth, for drop weight bags or other items that must be left on the bottom during normal submersible operations.
- Refrain from installing, attaching or placing additional plaques, memorials or temporary or permanent fixtures on the RMS Titanic.
- Comply with existing IMO Standards prohibiting the discharge of plastic, oil, chemicals, or other noxious / hazardous liquids.

- Mariners are advised to navigate with increased caution within vicinity of the area described at paragraph 3.a above.

Charts affected — 2666 — 4404

4646(T)/12 NORTH ATLANTIC OCEAN - Porcupine Abyssal Plain - Scientific instruments. Buoyage.

Source: RRS *Discovery*

- Nine scientific underwater moorings have been established in the following positions:

48° 37'·8N., 16° 06'·0W.
48° 44'·9N., 16° 06'·0W.
48° 44'·9N., 16° 16'·8W.
48° 37'·8N., 16° 16'·8W.
48° 40'·7N., 16° 10'·4W.
48° 42'·0N., 16° 10'·4W.
48° 42'·0N., 16° 12'·4W.
48° 40'·7N., 16° 12'·4W.
48° 41'·3N., 16° 11'·4W.

- These moorings have a minimum clearance depth of 50m, and will be deployed until September 2013.
- The area of the underwater moorings is marked by 3 yellow guard light-buoys in the following positions:

48° 41'·3N., 16° 07'·7W. *VQ(6)+LFl.Y.10s*
48° 38'·9N., 16° 11'·4W. *VQ(9)+LFl.Y.10s*
48° 41'·3N., 16° 15'·1W. *Q.Y*

- A fourth guard light-buoy has sunk due to damage. The mooring anchor release remains in position 48° 43'·8N., 16° 11'·4W.
- Mariners are requested to keep clear of this area.
(All positions are referred to WGS84 Datum)

Charts affected — 4102 — 4103

4896(T)/12 NORTH ATLANTIC OCEAN - Arquipélago dos Açores - Canal do Faial - Baixa do Norte - Marine farm. Scientific instruments.

Source: Portuguese Notices 5/208(T)/08 & 9/309(T)/12

- An experimental marine farm and scientific instruments have been temporarily established at a depth of 5m, centred on position 38° 32'·47N., 28° 33'·87W. (WGS84 Datum)
- Mariners are advised to avoid the structures and associated moorings.
- Former Notice 4145(T)/08 is cancelled.

Charts affected — 1956 — 1957

5557(T)/12 NORTH ATLANTIC OCEAN - SOUTH ATLANTIC OCEAN - Data buoys.

Source: NOAA

1. The National Oceanic and Atmospheric Administration (NOAA) maintains an array of buoys called Autonomous Temperature Line Acquisition System (ATLAS) in the Atlantic Ocean.
2. The ATLAS buoys, yellow, 2 metre toroid buoys with radar reflectors, which make up the array are located in the following positions (WGS84 Datum):

0° 00'·1S., 0° 01'·0E.
0° 00'·9N., 9° 52'·7W.
6° 01'·8S., 9° 59'·8W.
9° 55'·1S., 9° 58'·9W.
20° 26'·5N., 23° 07'·0W.
11° 28'·4N., 22° 59'·2W.
3° 55'·6N., 22° 51'·2W.
0° 00'·1N., 22° 59'·2W.
7° 54'·9S., 30° 31'·3W.
13° 32'·4S., 32° 37'·0W.
18° 52'·5S., 34° 40'·8W.
0° 00'·7S., 35° 00'·3W.
20° 00'·9N., 37° 51'·4W.
14° 58'·4N., 38° 01'·3W.
11° 30'·0N., 37° 58'·4W.
7° 56'·2N., 38° 00'·4W.
4° 10'·3N., 37° 55'·1W.

3. Mariners are advised to give all buoys a 5 nautical mile berth.
4. Former Notice 3003(T)/12 is cancelled.

Charts affected — 529 — 4104 — 4115 — 4202 — 4203 — 4209 — 4215 — 4216

(8) MEDITERRANEAN AND BLACK SEAS

5243(T)/05 ALGERIA - Zemmouri, Dellys and Tizirt - Restricted areas.

Source: Algerian Notice 11/96

1. The Government of the Peoples Democratic Republic of Algeria has announced the temporary suspension of the freedom of navigation within Algerian territorial waters up to 10 miles offshore between 3° 15'·0E. and 4° 10'·0E.
2. Vessels wishing to enter or leave the following ports should do so within these designated channels:

Zemmouri: channel centred on the port's green harbour light and running north-south between 3° 33'·5E. and 3° 34'·6E.

Dellys: channel centred on the port running north-south between 3° 54'·8E. and 3° 55'·8E.

Tizirt: channel centred on the port running north-south between 4° 08'·6E. and 4° 07'·8E.

3. Former Notice 3266(T)/98 is cancelled.

Charts affected — 1710 — 1910

1087(P)/07 TURKEY - Black Sea Coast - Karataş Br. Westwards - Depths. Coastline.

Source: Turkish Chart 181 & bw *Hesiod*

1. There have been significant changes to depths, sea level and coastline between positions 41° 19'·48N., 28° 43'·98E. and 41° 15'·22N., 28° 57'·98E. The coastline now extends up to 0.6 nautical miles northwards from the charted coastline.
2. Mariners are advised to exercise caution in the vicinity.
3. Charts will be updated when further information becomes available.

Chart affected — 3930

836(P)/08 FRANCE - South Coast - Golfe de Marseille - Rade de Marseille and Eastwards - Coastline. Depths.

Source: French Chart 7390

1. There have been extensive changes to coastline and alongside depths within the basins of Marseille.
2. Numerous depths less than charted exist within the areas of Anse de l'Estaque and the Marseille - Sud regulated area.
3. Works are in progress within the Basin Mirabeau centred on position 43° 20'·5N., 5° 20'·4E.
4. Wrecks with safe clearance depth 20m exist in the following positions:

43° 17'·73N., 5° 19'·23E.

43° 19'·01N., 5° 19'·35E.

5. A wreck with least depth 16.2m exists in position 43° 21'·21N., 5° 18'·37E.
6. Mariners are advised to navigate with caution in the vicinity.
7. These changes will be included in the next New Editions of Charts 151, 153 and 2116.

Chart affected — 153

6985(T)/08 RUSSIA - Black Sea Coast - Adler - Restricted area.

Source: Russian Notice 41/5769(T)/08 & Russian Hydrographic Office

1. A restricted area, which is dangerous to navigation, has been established until further notice within an area bounded by the following positions:

43° 23'·20N., 40° 00'·60E.

43° 13'·20N., 39° 50'·00E.

43° 15'·80N., 39° 44'·80E.

43° 25'·32N., 39° 55'·13E.

Chart affected — 2236

5878(T)/09 BLACK SEA - Russia - Sochi South-eastwards - Restricted area.

Source: Russian Notice 40/5360(T)/09

1. A restricted area, entry prohibited, marked by cardinal light-buoys, has been established until further notice within an area bounded by the following positions:

- 43° 28'·45N., 39° 49'·56E.
- * 43° 28'·83N., 39° 49'·01E.
- * 43° 28'·89N., 39° 49'·22E.
- * 43° 28'·45N., 39° 50'·22E.

* Indicates new or revised entry.

2. Former Notice 6129(T)/08 is cancelled.

Chart affected — 3312

2661(T)/10 ALGERIA - Port of Arzew - Arzew-el-Djédid Eastwards - Restricted area.

Source: Algerian Notice 01/06/10

1. A restricted area, entry prohibited, has been established within an area bounded by the following positions (ED50 Datum):

- 35° 48'·064N., 0° 10'·560W. (shore)
- 35° 48'·927N., 0° 10'·451W.
- 35° 48'·899N., 0° 10'·107W.
- 35° 48'·037N., 0° 10'·216W. (shore)

2. Marine works are taking place within the above area.

Chart affected — 838

5009(P)/10 ITALY - Sicilia - North Coast - Golfo di Patti - Baia di Oliveri - Breakwater.

Source: Italian Notice 17/Section C/124003/10

1. A breakwater has been constructed in the vicinity of position 38° 08'·75N., 15° 04'·98E. (WGS84 Datum) to protect the seabed from trawling.
2. Chart 172 will be updated when full details become available.
3. Former Notice 4046(T)/05 is cancelled.

Chart affected — 172

5175(P)/10 EGYPT - North Coast - Mersa Maṭrūḥ - Coastline.

Source: UKHO

1. Extensive changes to the coastline have taken place within Mersa Maṭrūḥ. South of Pt. Labeit, the coastline has extended southwards from position 31° 22'·06N., 27° 13'·43E., to the vicinity of position 31° 21'·90N., 27° 13'·43E., (WGS84 Datum)
2. Mariners are advised to navigate with caution when entering the area.
3. These changes will be included in the next New Edition of Chart 3400.

Chart affected — 3400

6163(T)/10 ISRAEL - Mediterranean Sea Coast - Hefa Westwards to Tel Aviv Westwards - Current meters.

Source: Israeli Notices 22/09 & 7/10

1. Current meters have been established in the following positions:

<i>Position (WGS84 Datum)</i>	<i>Depth (m)</i>
32° 02'·80N., 34° 31'·80E.	300
32° 18'·40N., 34° 23'·70E.	700
32° 33'·90N., 34° 15'·60E.	1500
33° 00'·20N., 34° 02'·00E.	1702

2. Former Notice 563(T)/10 is cancelled.

Charts affected — 1591 — 2634

6316(T)/10 SPAIN - Mediterranean Sea Coast - Valencia - Works. Buoyage.

Source: ENC ES504811

1. Works are in progress to extend the harbour east of Dique Norte.
2. Buoyage to mark the works east of Dique Norte have been established as follows:

<i>Buoy type</i>	<i>Characteristic</i>	<i>WGS84 Position</i>
South cardinal	VQ(6)+LFl.10s3M	39° 26'·55N., 0° 17'·84W.
East cardinal	VQ(3)5s3M	39° 26'·54N., 0° 17'·05W.
East cardinal	VQ(3)5s3M	39° 27'·30N., 0° 17'·06W.
East cardinal	VQ(3)5s3M	39° 27'·73N., 0° 17'·00W.
North cardinal	VQ.3M	39° 27'·74N., 0° 17'·49W.
North cardinal	VQ.3M	39° 27'·76N., 0° 17'·98W.

Charts affected — 518 — 562

2661(P)/11 MALTA - II - Bajja Ta' Marsaxlokk - Dredging area. Works.

Source: Transport Malta Notice 34/11

1. Dredging works and construction of an underwater berm are taking place within II - Bajja Ta' Marsaxlokk centred on 35° 49'·391N., 14° 31'·933E. (WGS84 Datum).
2. Mariners are advised to navigate with extreme caution in the area maintaining a safe distance from the works and follow any instructions issued by Marsaxlokk VTS (Marsaxlokk Port Control).

Chart affected — 36

2890(P)/11 TURKEY - Black Sea Coast - Trabzon Eastwards and Westwards, Akçakale and Yomra - Marina. Harbour developments. Light. Depths. Light.

Source: Turkish Chart 1411

1. A new marina has been established in the vicinity of position 41° 00'·10N., 39° 47'·00E.
2. New fishing ports have been established in the vicinity of the following positions:

- 41° 01'·60N., 39° 34'·00E.
- 41° 00'·65N., 39° 42'·40E.
- 41° 00'·25N., 39° 45'·80E.
- 40° 57'·60N., 39° 51'·30E.

3. Depths less than charted exist in the following positions:

- 30m 41° 00'·11N., 39° 48'·07E.
- 14.7m 40° 59'·27N., 39° 50'·14E.

4. The Trabzon breakwater light is now located in position 41° 00'·412N., 39° 45'·002E. (All positions are referred to WGS84 Datum). These changes will be included in the next New Edition of Chart 1279.

Chart affected — 1279

3871(P)/11 ITALY - East Coast - Porto Corsini - Pier. Buoyage.

Source: mv *Oriana* & Port of Ravenna

1. A new cruise pier has been constructed at Porto Corsini, in the unsurveyed area north of Canale Baiona, in an area bounded by the following positions (WGS84 Datum):

- 44° 29'·711N., 12° 17'·110E.
- 44° 29'·734N., 12° 17'·341E.
- 44° 29'·755N., 12° 17'·337E.
- 44° 29'·737N., 12° 17'·110E.

2. Two mooring buoys are positioned at the east end of the pier.
3. These changes will be included in the next New Edition of Chart 1445.

Chart affected — 1445

3911(P)/11 TUNISIA - La Goulette and Port de Radès - Channel depths. Depth information. Bridge.

Source: French Notice 11/24(P)/11

1. There are numerous changes in La Goulette, Port de Radès and their approaches.
2. The access channel has been dredged to 12m (2009) between positions 36° 47' 60N., 10° 21' 20E. and 36° 48' 35N., 10° 18' 45E., with a reported least depth of 13m.
3. Within the port of La Goulette, the turning area (36° 48' 33N., 10° 18' 23E.) has been dredged to 11.5m. In Bassin Sud (36° 48' 46N., 10° 17' 94E.), the entrance to the grain carrier pier has been dredged to 10.5m and access to the dolphins has been dredged to 10m. The nearby ore carrier berth in position 36° 48' 59N., 10° 17' 80E., has been removed and replaced by three piers.
4. The quay at La Goulette, between positions 36° 48' 79N., 10° 17' 73E., and 36° 48' 45N., 10° 18' 27E., has been dredged to 9.5m for its entire length.
5. A new cruise terminal has been constructed west of Bassin Nord, centred on position 36° 48' 74N., 10° 17' 41E., with reported dredged depths of 10m.
6. The channel between the port of La Goulette, berth 7 of the Port de Radès in position 36° 48' 19N., 10° 16' 19E., and the turning area (radius 200m) in position 36° 48' 440N., 10° 16' 384E., has been dredged to 11m. Entrances to the other berths on the Quai du Commerce of Port de Radès have been dredged to 9.5m.
7. A new quay has been established in the vicinity of position 36° 48' 725N., 10° 17' 398E. It is approximately 800m in length and orientated 092°-272°. Depths alongside are reported to be approximately 11m.
8. The bridge under construction 0.4M west of the Port de Radès has now been completed and has a vertical clearance of 20m. (All positions are referred to WGS84 Datum)
9. Mariners are advised to contact the Port Authorities to obtain further information.
10. These changes will be included in the next New Edition of Chart 1184.
11. Former Notice 6272(P)/10 is cancelled.

Chart affected — 1184

5424(T)/11 ITALY - Sicilia - South Coast - Gela Southwards and South-westwards - Works.

Source: Italian Notice 19.Section C/L53005/11

1. Subsea operations are in progress to investigate possible explosive devices in the vicinity of Gela 1 and Gela 2 platforms, in positions 37° 02' 00N., 14° 16' 09E. and 37° 02' 38N., 14° 15' 44E. and along the pipelines between Perla platform in position 36° 57' 26N., 14° 12' 96E. and Prezioso platform in position 37° 00' 53N., 14° 02' 69E.
2. Vessels navigating in the immediate vicinity are required to keep a distance of no less than 400m from work vessels and pay particular attention to any signals issued. (All positions are referred to WGS84 Datum).

Chart affected — 965

5429(T)/11 ITALY - West Coast - Gulf of Genoa - Rada di la Spezia - Buoyage. Restricted areas.

Source: Italian Notices 7.20(T)/09 & 20.16/11

1. Monitoring buoys, for dredging operations, have been established in Rada di la Spezia in the following approximate positions (Monte Mario 1940 Datum):
44° 04' 422N., 9° 50' 561E.
44° 04' 402N., 9° 51' 411E.
2. Navigation, stopping, fishing and any other maritime and sub-aqua activities are prohibited within a radius of 50 metres.
3. Former Notice 2597(T)/09 is cancelled.

Chart affected — 118

5708(P)/11 ITALY - Sicilia - East Coast - Porto di Messina - Depths. Coastline. Jetties. Restricted area.

Source: UKHO

1. Changes to depths, coastline, jetties and a restricted area have been identified in Porto di Messina and its approaches.
2. The most significant depths are as follows:

Depth	Position
4.9m	38° 12' 237N., 15° 33' 737E.
4.2m	38° 12' 190N., 15° 33' 699E.

5708(P)/11 ITALY - Sicilia - East Coast - Porto di Messina - Depths. Coastline. Jetties. Restricted area. (continued)

3. Reclamation has taken place along the coast between positions 38° 12' 05N., 15° 33' 60E. and 38° 13' 00N., 15° 33' 95E.
4. Numerous jetties, for use by ferries, have been established along the coastline between positions 38° 12' 39N., 15° 33' 82E. and 38° 12' 68N., 15° 33' 76E.
5. The quays Banchina Colapesce and Banchina dei Vespri have been extended into the harbour and the area in front of the quays is currently unsurveyed. The entry prohibited area centred on position 38° 11' 64N., 15° 33' 48E. has been removed. (All positions are referred to WGS84 Datum)
6. Mariners are advised to contact the local authorities for further information.
7. These changes will be included in the next New Edition of Chart 992.
8. Former Notice 5365(P)/11 is cancelled.

Chart affected — 992

5939(P)/11 BULGARIA - Burgas - Dredged areas.

Source: Bulgarian Chart 010.50

1. There have been extensive changes to dredged areas in Burgas.
2. The dredged area, depth 15.5m, has been extended as follows:
42° 28' 544N., 27° 27' 975E. (No 20 light-buoy)
42° 28' 651N., 27° 27' 758E.
42° 28' 831N., 27° 27' 864E. (Y3 light-buoy)
42° 28' 970N., 27° 28' 073E. (Y1 light-buoy)
42° 28' 943N., 27° 28' 187E. (shore)
3. New dredged areas, depth 11.7m, have been established, bounded by the following positions:

West Basin

42° 28' 651N., 27° 27' 758E.
42° 28' 702N., 27° 27' 653E. (No 24 light-buoy)
42° 28' 983N., 27° 27' 253E. (No 28 light-buoy)
42° 29' 021N., 27° 27' 214E.
42° 29' 077N., 27° 27' 283E.
42° 29' 200N., 27° 27' 494E.
42° 29' 187N., 27° 27' 516E.
42° 29' 268N., 27° 27' 614E.
42° 29' 251N., 27° 27' 644E. (shore)
and
42° 28' 993N., 27° 27' 505E. (shore)
42° 28' 920N., 27° 27' 492E. (No 23 light-buoy)
42° 28' 761N., 27° 27' 824E.

and

Terminal 2A

42° 28' 943N., 27° 28' 187E. (shore)
42° 28' 970N., 27° 28' 073E.
42° 29' 045N., 27° 28' 173E.
42° 29' 048N., 27° 28' 242E. (shore)

(All positions are referred to Pulkovo 1942 Datum)

4. Mariners are advised to consult local authorities for the most up to date information.
5. These changes will be included in the next New Edition of Chart 2399.

Chart affected — 2399

580(P)/12 GIBRALTAR - Gibraltar Bay and Europa Point Eastwards - Depths. Wrecks. Works. Coastline. Lights. Maritime limit. Submarine cables.

Source: UKHO, British Government Surveys, Gibraltar Port Authority & Spanish Notice 12/95/11

1. There are major harbour developments taking place throughout Gibraltar Harbour.

580(P)/12 GIBRALTAR - Gibraltar Bay and Europa Point Eastwards - Depths. Wrecks. Works. Coastline. Lights. Maritime limit. Submarine cables. (continued)

2. Numerous changes to depths exist within the harbour. The most significant depths are as follows:

9.7m	36° 08'·309N., 5° 21'·736W.
11.6m	36° 08'·052N., 5° 21'·655W.
North Mole Head	
1.5m	36° 08'·951N., 5° 21'·924W.
5.8m	36° 08'·938N., 5° 21'·946W.
4.7m	36° 08'·926N., 5° 21'·945W.
3.8m	36° 08'·913N., 5° 21'·939W.
Cruise Terminal Jetty	
9.2m	36° 08'·751N., 5° 21'·962W.
South Mole	
3.4m	36° 07'·862N., 5° 21'·720W.
3.2m	36° 07'·855N., 5° 21'·713W.
3.7m	36° 07'·844N., 5° 21'·702W.
Gunwharf Basin	
5.2m	36° 08'·002N., 5° 21'·368W.
5m	36° 07'·981N., 5° 21'·359W.
3.1m	36° 08'·000N., 5° 21'·305W.
4.6m	36° 07'·996N., 5° 21'·323W.
1.7m	36° 07'·937N., 5° 21'·275W.
6.3m	36° 07'·914N., 5° 21'·337W.

3. Wrecks exist in the following positions:

10m	36° 08'·533N., 5° 21'·868W.
12m	36° 08'·246N., 5° 21'·799W.
11.2m	36° 07'·956N., 5° 21'·523W.

4. Works to the North Mole have been completed.
5. Works are in progress south-westwards and north-westwards of Europort.
6. The works in progress at Gunwharf Basin (36° 07'·97N., 5° 21'·32W.) have now been completed. The area has a new pier, lights and changes to depths.
7. Construction of the new dock at Crinavis (36° 10'·25N., 5° 22'·80W.) has now been completed.
8. The new La Alcaidesa Marina (36° 09'·50N., 5° 21'·50W.) has now been completed. The marina has new lights, jetties and changes to coastline.
9. The limits of Admiralty Waters have changed; for further details refer to Admiralty Sailing Directions.
10. The cable area in the vicinity of position 36° 06'·50N., 5° 21'·45W. no longer exists; the cables have been removed. (All positions are referred to WGS84 Datum)
11. Mariners are advised to navigate with caution in the area.
12. These and other updates will be included in the next New Editions of Charts 45 and 144.
13. Former Notices 262(T)/10 and 6113(T)/10 are cancelled.

Charts affected — 45 — 144

938(T)/12 RUSSIA - Black Sea Coast - Novorossiysk South-westwards - Scientific instruments.

Source: Russian Notice 2/103(T)/12

1. Submerged scientific instruments have been temporarily established in position 44° 01'·10N., 37° 00'·50E. (WGS84 Datum).

Charts affected — 2214 — 2233

1018(T)/12 ITALY - West Coast - Rada di Salerno - Angellara Southwards - Restricted area.

Source: Italian Notice 1/G19002/12

1. Marine construction works are taking place, until 31 December 2012, within an entry prohibited area bounded by the following positions (WGS84 Datum):

40° 38'·89N., 14° 48'·80E. (shore)
40° 38'·70N., 14° 48'·52E.
40° 38'·28N., 14° 49'·07E.
40° 38'·47N., 14° 49'·33E. (shore)

1018(T)/12 ITALY - West Coast - Rada di Salerno - Angellara Southwards - Restricted area. (continued)

2. Former Notice 2015(T)/11 is cancelled.

Charts affected — 907 — 908

1235(P)/12 ITALY - Sicilia - South Coast - Porto di Licata - Darsena di Levante - Breakwaters. Marina.

Source: Italian Notice 3.19/12

1. New breakwaters have been constructed joining the following approximate positions:

37° 05'·53N., 13° 56'·51E. (Molo di Levante)
37° 05'·50N., 13° 56'·60E.
and
37° 05'·39N., 13° 56'·74E. (Diga di Levante)
37° 05'·43N., 13° 56'·55E.

2. A new marina has also been constructed in the vicinity of position 37° 05'·80N., 13° 56'·71E. (All positions are referred to WGS84 Datum)

Chart affected — 965

3004(T)/12 RUSSIA - Black Sea Coast - Gelendzhik - Mys Tolstyy South-westwards - Scientific instruments.

Source: Russian Notice 24/3549(T)/12

1. Submerged scientific instruments have been established, until further notice, in the following positions (Pulkovo 1942 Datum):

44° 34'·20N., 37° 58'·40E.
44° 32'·40N., 37° 56'·70E.
44° 31'·40N., 37° 57'·90E.
44° 29'·40N., 37° 58'·40E.
44° 28'·30N., 37° 56'·20E.

2. All vessels with a draught greater than 6m are prohibited from navigating within 500m of the above positions.

Charts affected — 2233 — 3311

3527(T)/12 BLACK SEA - Romania - Approaches to Constanța - Buoyage.

Source: Romanian Notice 5/69(T)/12

1. Safe water light-buoys, *LFl.10s*, have been withdrawn for maintenance, from the following positions (WGS84 Datum):

44° 04'·58N., 28° 43'·41E.
43° 59'·53N., 28° 48'·81E.

Charts affected — 2230 — 2232 — 2282 — 2284

4227(T)/12 BLACK SEA - Russia - Sochi - Works. Buoyage.

Source: Russian Notice 34/4977(T)/12

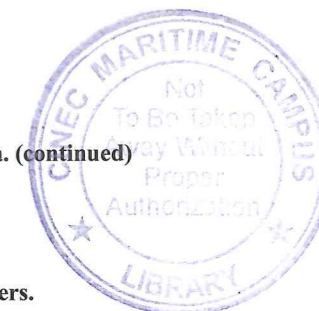
1. Works are in progress in the inner harbour of Port Sochi.
2. An area of works, marked by yellow light-buoys, *Fl.Y.5s*, has been established west of the North Mole, bounded by the following positions:

43° 34'·636N., 39° 42'·883E.
43° 34'·616N., 39° 42'·828E.
43° 34'·592N., 39° 42'·760E.
43° 34'·333N., 39° 42'·975E.
43° 34'·235N., 39° 42'·712E.
43° 34'·803N., 39° 42'·353E.
43° 35'·020N., 39° 42'·976E.

3. Yellow light-buoys, *Fl.Y.5s*, have been established in the following positions:

43° 34'·538N., 39° 42'·942E.
43° 34'·633N., 39° 43'·108E.

(All positions are referred to Pulkovo 1942 Datum)



4227(T)/12 BLACK SEA - Russia - Sochi - Works. Buoyage. (continued)

4. Mariners should navigate with caution.

Chart affected — 3312

4306(T)/12 RUSSIA - Black Sea Coast - Kerch Strait - Mys Panagiya Westwards - Restricted area.

Source: Russian Notice 35/5123(T)/12

- * A restricted area has been established in the Kerch Strait for the purpose of transshipment operations.
- * A restricted area, incorporating anchor berths 1-10 and anchorage area 451 now exists within an area bounded by the following positions (Pulkovo 1942 Datum):

45° 05'·50N., 36° 33'·50E.
*45° 11'·30N., 36° 32'·08E.
*45° 10'·90N., 36° 34'·10E.
*45° 08'·90N., 36° 34'·18E.
*45° 08'·90N., 36° 34'·65E.
*45° 08'·50N., 36° 34'·75E.
*45° 08'·50N., 36° 35'·50E.
*45° 07'·65N., 36° 35'·15E.
*45° 07'·45N., 36° 36'·10E.
*45° 06'·90N., 36° 36'·45E.
*45° 06'·38N., 36° 35'·35E.
45° 05'·50N., 36° 35'·50E.

* Indicates new or revised entry.

- Vessels are prohibited from navigating or anchoring within the restricted area unless they are involved in the transshipment operations.
- Transshipment operations are expected to continue until 30 November 2012.
- Former Notice 3158(T)/12 is cancelled.

Charts affected — 2216 — 2242

4573(T)/12 UKRAINE - Kerch Strait - Kerch-Yenikal Channel - Burunskoye Koleno - Depths.

Source: Ukranian Notice 33/226(T)/12

- Depths of 6-1m to 7-3m exist within an area bounded by the following positions (WGS84 Datum):

45° 16'·81N., 36° 27'·67E.
45° 16'·53N., 36° 27'·50E.
45° 16'·23N., 36° 27'·42E.
45° 16'·56N., 36° 27'·40E.

Chart affected — 2242

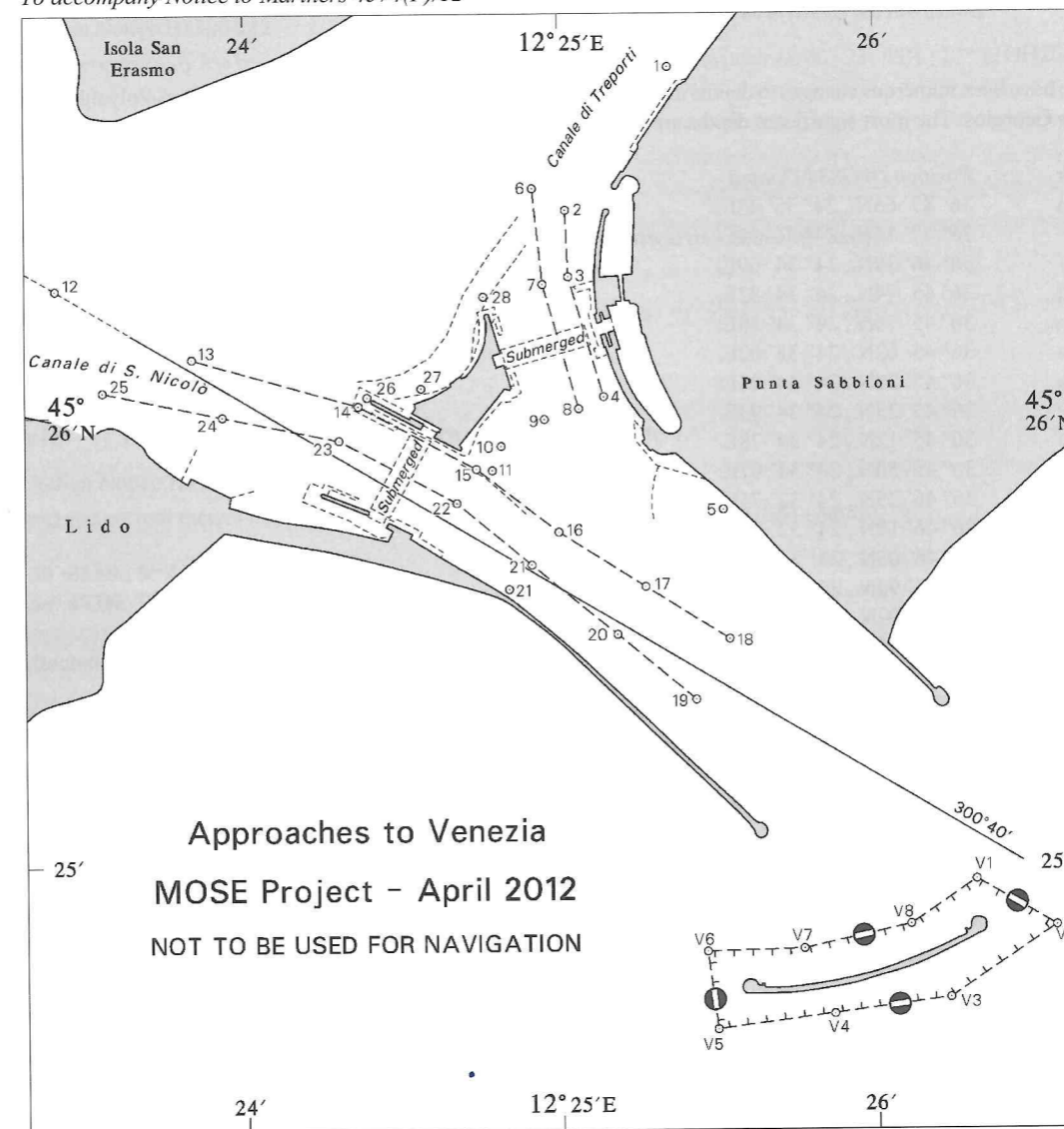
4574(P)/12 ITALY - East Coast - Approaches to Venezia - Works.

Source: Italian Notice 15.45(T)/12

- Work continues to construct the Experimental Electromagnetic Module (MOSE) Project in the approaches to Venezia (45° 25'·70N., 12° 25'·00E. (WGS84 Datum)), which is due to be completed in 2014. The works completed as of April 2012 are shown in the accompanying diagram.
- Canale di S. Nicoló is marked by red port-hand beacons, buoys 19, 20, 21, 22, 23, 24, 25, green starboard-hand beacons, buoys 18, 17, 16, 15, 14 and 13.
- Canale di Treporti is marked by red port-hand buoys 8, 7, 6, green starboard-hand buoys 4, 3 and 2.
- As the works progress these channels are subject to change and the lateral marks will be moved accordingly.
- Mariners are advised to navigate with increased caution and to contact the local authorities for the latest information regarding the MOSE project.
- Charts will be updated when the works are complete.

Charts affected — 1442 — 1483

To accompany Notice to Mariners 4574(P)/12



5017(P)/12 GREECE - Kykládes - Stenó Mílou-Kimólou, Stenó Kimólou-Polyaígon and Nisída Ágios Geórgios Southwards, Eastwards and Westwards - Depths.

Source: UKHO

1. There have been numerous changes to depths in the vicinity of Stenó Mílou-Kimólou, Stenó Kimólou-Polyaígon and Nisída Ágios Geórgios. The most significant depths are as follows:

Depth	Position (WGS84 Datum)
17.1m	36° 47' 66N., 24° 35' 43E.
3m	36° 47' 15N., 24° 36' 31E.
6m	36° 46' 39N., 24° 34' 69E.
15.4m	36° 45' 94N., 24° 34' 32E.
15.6m	36° 45' 76N., 24° 34' 59E.
16.3m	36° 45' 62N., 24° 35' 02E.
11.8m	36° 45' 39N., 24° 34' 94E.
18m	36° 45' 23N., 24° 34' 93E.
19.8m	36° 45' 12N., 24° 34' 78E.
3.9m	36° 45' 50N., 24° 34' 07E.
5.7m	36° 46' 25N., 24° 32' 75E.
7.9m	36° 46' 10N., 24° 32' 24E.
8.2m	36° 46' 05N., 24° 32' 35E.
8.8m	36° 45' 99N., 24° 32' 41E.
6.6m	36° 45' 92N., 24° 32' 63E.
8.6m	36° 45' 84N., 24° 32' 51E.
4.1m	36° 45' 69N., 24° 32' 13E.
3.9m	36° 45' 79N., 24° 31' 87E.

2. These changes will be included in the next New Edition of Chart 1539.

Chart affected — 1539

5140(T)/12 FRANCE - South Coast - Toulon - Petite Rade - Darse de la Sainte-Barbe South-westwards, Ilot Castigneau Southwards and Baie du Lazaret - Measuring instruments. Buoyage.

Source: French Notice 42/2(T)/12

1. Seabed sensors marked by unlit yellow buoys have been established in the following positions (WGS84 Datum):

43° 06' 834N., 5° 53' 625E.
43° 06' 900N., 5° 55' 037E.
43° 05' 250N., 5° 54' 577E.

Chart affected — 2170

5146(T)/12 ITALY - East Coast - Approaches to Trieste - Porto Doganale - Molo della Pescheria - Works.

Source: Italian Notice 17.T49002/11

1. Works are in progress to construct a removable breakwater quay in Porto Doganale, Trieste, within an area bounded by the following positions (WGS84 Datum):

45° 38' 958N., 13° 45' 683E. (shore)
45° 38' 971N., 13° 45' 656E.
45° 38' 952N., 13° 45' 629E.
45° 38' 973N., 13° 45' 606E.
45° 39' 017N., 13° 45' 678E.
45° 39' 001N., 13° 45' 702E.
45° 38' 994N., 13° 45' 690E.
45° 38' 972N., 13° 45' 717E.
45° 38' 960N., 13° 45' 700E. (shore)

2. Mariners are advised that navigation is prohibited within this area.
3. Former Notice 4844(T)/11 is cancelled.

Chart affected — 1473

5300(T)/12 ITALY - South Coast - Capo San Vito South-westwards - Wave recorder.

Source: Italian Notice N33003/12

1. A wave recorder buoy has been temporarily established, until 30 June 2013, in position 40° 23' 85N., 17° 11' 12E. (WGS84 Datum).
2. Mariners are requested to keep at least 100m clear of the buoy.

Chart affected — 1417

5324(T)/12 UKRAINE - Tarkhankuts'ky Pivostriv South-westwards - Mooring buoys.

Source: Ukrainian Notice 40/260(T)/12

1. Two mooring buoys have been temporarily established in position 44° 52' 30N., 32° 03' 60E.

Chart affected — 2232

5628(T)/12 ITALY - Sardegna - Porto di Arbatax - Current meters.

Source: Italian Notice H02004/12

1. Submerged current meters have been established in the following positions (WGS84 Datum):

39° 56' 833N., 9° 42' 221E.
39° 56' 477N., 9° 42' 009E.

Chart affected — 1210

5629(T)/12 ITALY - East Coast - Bari North-eastwards - Current meters.

Source: Italian Notices PPP002/11 & S42004/12

1. Six submerged current meters and chains have been established in the following positions (WGS84 Datum):

41° 48' 36N., 17° 02' 29E.
* 41° 37' 89N., 17° 37' 04E.
41° 31' 50N., 18° 05' 20E.
41° 20' 48N., 17° 11' 63E.
41° 18' 18N., 17° 12' 27E.
41° 13' 31N., 17° 34' 73E.

* Indicates new or revised entry.

2. Former Notice 2071(T)/12 is cancelled.

Chart affected — 186

5630(T)/12 TURKEY - İstanbul Boğazi - Haliç (The Golden Horn) - Works. Buoyage.

Source: Turkish Notice 44/256(T)/12

1. Construction work is in progress in the vicinity of position 41° 01' 32N., 28° 58' 04E. (WGS84 Datum).
2. Buoys have been established to mark a channel and the works.

Charts affected — 1159 — 1198

5631(T)/12 ITALY - West Coast - Port of Genova - Bacino Porto Vecchio - Calata Zingari - Restricted area.

Source: Italian Notice D07049/12

1. Mooring at Calata Zingari, 44° 24' 84N., 8° 55' 30E. (WGS84 Datum), is prohibited.
2. Mariners are advised to contact the local port authority for further information.

Chart affected — 355

5724(P)/12 GREECE - Kykládes - Stenó Mílou-Kimólou - Restricted area.

Source: Greek Hydrographic Office and UKHO

1. A restricted area, anchoring, fishing and trawling prohibited has been established bounded by the following positions (Undetermined Datum):

36° 46'·67N., 24° 31'·93E. (shore)
 36° 46'·15N., 24° 31'·45E. (shore)
 and
 36° 46'·46N., 24° 32'·94E. (shore)
 36° 46'·24N., 24° 33'·01E.
 36° 46'·07N., 24° 32'·86E.
 36° 45'·93N., 24° 32'·64E.
 36° 45'·60N., 24° 32'·06E. (shore)

2. Reports show positional discrepancies of up to 200m between satellite-derived positions on Chart 1539, plan A, Stená Kimólou with Órmos Vouídia. The most significant differences are in the vicinity of Stenó Kimólou-Polyaígou (36° 47'·00N., 24° 35'·50E.).

(All positions are referred to Undetermined Datum)

3. These changes will be included in the next New Edition of Chart 1539.

Chart affected — 1539

5743(T)/12 ISRAEL - Mediterranean Sea Coast - Ashdod North-westwards - Platform.

Source: Israeli Notice 74/12

1. Until May 2013, a platform has been established in position 31° 53'·7N., 34° 29'·8E.(WGS84 Datum).
2. Vessels are requested to maintain a distance of at least 1M clear of the platform.

Charts affected — 1591 — 2634

5828(T)/12 ISRAEL - Mediterranean Sea Coast - Hadera Westwards - Obstructions.

Source: Israeli Notice 76/12

1. Until early 2013, submerged obstructions marked by light-buoys, *Fl*, exist in the following positions (WGS84 Datum):

32° 27'·1N., 34° 49'·7E.
 32° 26'·7N., 34° 45'·6E.

2. Mariners are requested to keep a distance of 1·5M from the positions.

Chart affected — 2634

5891(P)/12 UKRAINE - Buz'kyi Lyman - Approaches to Mykolaivs'kyi Potash Terminal (Nika-Tera) - Coastline. Depths. Berths. Works. Buoy.

Source: Ukranian Notice 41/268/12

1. There have been extensive changes to the coastline and depths in the vicinity of Mykolaivs'kyi Potash Terminal (Nika-Tera) (46° 51'·0N., 31° 58'·9E.)
2. The existing basin has been dredged to a depth of 10·3m and the alongside depths are as follows:

Berth	Depth	Position	Remarks
0	11·5m	46° 51'·243N., 31° 58'·720E.	Formally Berth 10; Works in progress
1	10·6m	46° 51'·035N., 31° 58'·858E.	
2	10·9m	46° 50'·975N., 31° 58'·843E.	
3	11·0m	46° 50'·857N., 31° 58'·805E.	
4	10·4m	46° 50'·798N., 31° 58'·686E.	New berth

3. Work continues on the construction of a new basin and berths centred on position 46° 50'·8N., 31° 58'·1E. and large areas of reclamation have taken place.

4. Starboard-hand buoy, *No 9*, (46° 50'·973N., 31° 58'·655E.) now exhibits a *Fl.G.3s* light. (All positions are referred to WGS84 Datum).

5. These changes will be included in a New Edition of Chart 2203 when further information becomes available.

Chart affected — 2203

5893(P)/12 ITALY - West Coast - Gulf of Genoa to Golfo di Napoli - SARDEGNA - North-east coast - SICILIA - North coast - Restricted areas.

Source: Italian Notices 22.5-12/12

1. Restricted areas, entry prohibited, have been established.
2. The areas extend 2M from the limits of the following marine nature reserves:

Marine Nature Reserve	Position (WGS84 Datum)	Chart
Bergeggi	44° 14'·26N., 8° 26'·86E.	350
Isola d' Ischia	40° 43'·00N., 13° 54'·00E.	908, 1908, 1911
Isole Égadi	37° 57'·96N., 12° 12'·36E.	964, 1983, 2122
Isole Mortoriotto to Isola Soffi	41° 04'·29N., 9° 35'·60E.	1211
Isole di li Nibani	41° 07'·81N., 9° 34'·29E.	1211
Isola delle Bisce	41° 09'·99N., 9° 31'·32E.	1211, 1212
Isola di Ustica	38° 42'·50N., 13° 10'·60E.	1976
Rapallo	44° 18'·10N., 9° 10'·90E.	1998

3. *Restricted areas, entry prohibited, also extend up to 6M from the coastline of the following islands:

Island	Position (WGS84 Datum)	Chart
*Isola Gorgona	43° 25'·70N., 9° 54'·00E	1998, 1999
*Isola Capraia	43° 02'·30N., 9° 49'·40E	1998, 1999
*Isola d'Elba to Isola Palmaiola	42° 47'·90N., 10° 18'·00E	131, 1999
*Isola Cerboli	42° 51'·58N., 10° 32'·80E	131, 1999
*Isola Pianosa	42° 35'·30N., 10° 04'·70E	1999
*Scog. Africa	42° 21'·51N., 10° 03'·84E	1999
*Isola di Montecristo	42° 20'·00N., 10° 18'·60E	1999
*Isola del Giglio	42° 21'·50N., 10° 53'·90E	1911, 1999
*Isola di Giannutri	42° 15'·06N., 11° 06'·30E	1911, 1999

4. Entry is prohibited to vessels over 500GT
5. Vessels over 500GT berthing at the ports of Savona, Vado Ligure, Santa Margherita Ligure, Rapallo and Portofino, requiring entry to the prohibited areas around the Bergeggi and Rapallo Marine Nature Reserves, are advised to contact the local port authority for the latest information.
6. Regulations concerning the anchor berths in the approaches to Savona and Vado Ligure are not affected.
* Indicates new or revised entry.
7. Former Notice 5594(P)/12 is cancelled.

Charts affected — 131 — 350 — 908 — 964 — 1211 — 1212 — 1908 — 1911 — 1976 — 1983 — 1998 — 1999 — 2122

6996(P)/09 NIGERIA - Approaches to Calabar - Tom Shot Bank Southwards - Submarine pipelines.

Source: Addax Petroleum

1. Offshore operations associated with laying of new pipelines, from Antan Terminal (4° 13'·29N., 8° 20'·09E.) to Adanga Oilfield (4° 18'·97N., 8° 21'·94E.) and Oron platform (4° 24'·61N., 8° 17'·40E.) have now been completed.

2. A submarine pipeline from Oron platform to Adanga-A platform has been laid between the following approximate positions:

4° 24'·60N., 8° 17'·40E.
4° 21'·67N., 8° 16'·51E.
4° 21'·21N., 8° 16'·67E.
4° 21'·09N., 8° 16'·90E.
4° 20'·18N., 8° 20'·52E.
4° 19'·15N., 8° 21'·90E.
4° 18'·97N., 8° 21'·94E.

3. Submarine pipelines from Oron S-W platform to ADSI platform and ADSI platform to Antan Terminal have been laid between the following approximate positions:

4° 23'·92N., 8° 16'·65E. (Oron S-W platform)
4° 21'·80N., 8° 16'·27E.
4° 21'·40N., 8° 16'·56E.
4° 20'·25N., 8° 19'·83E.
4° 18'·72N., 8° 20'·97E. (ADSI platform)
and
4° 18'·72N., 8° 20'·97E. (ADSI platform)
4° 16'·00N., 8° 19'·94E.
4° 13'·76N., 8° 19'·30E.
4° 13'·29N., 8° 19'·42E.
4° 13'·23N., 8° 19'·68E. (Antan Terminal)
(All positions are referred to WGS84 DATUM).

4. These and other pipelines laid will be included in the next New Editions of the charts affected.

Charts affected — 1387 — 3433

5264(T)/10 SIERRA LEONE - Approaches to Freetown Eastwards - Works.

Source: Sierra Leone Ports Authority

1. Drilling works are in progress in advance of a new dredged channel in the approaches to Freetown, between position 8° 27'·6N., 13° 24'·4W. and a proposed new iron ore terminal at Tagrin Point position 8° 31'·0N., 13° 08'·8W. (WGS84 Datum).
2. Mariners are advised to navigate with due caution in the area and to liaise with Port Signal Station on Channel 16 (VHF).
3. Further details will be promulgated as they become available.

Charts affected — 614 — 623 — 625 — 686

5382(T)/10 GHANA - Tema South-eastwards - Buoyage.

Source: Ghana Maritime Authority

1. Special light-buoys have been damaged and their lights temporarily extinguished as follows (WGS84 Datum):

GH-4 5° 32'·36N., 0° 07'·28E.
GH-5 5° 33'·32N., 0° 09'·60E.
GH-7 5° 36'·59N., 0° 04'·58E.

2. Works are being carried out to repair these light-buoys.
3. Mariners are advised to navigate with caution in this area.

Charts affected — 595 — 1383 — 1384 — 3432

5915(P)/10 ANGOLA - Porto do Lobito - Port developments.

Source: PLSV Seven Seas

1. An oilfield support base, dredged channels and quay, have been established in Porto do Lobito centred on position 12° 21'·10S., 13° 33'·40E.
2. A new jetty has been constructed between approximate position 12° 20'·68S., 13° 34'·55E. (shore) and position 12° 20'·28S., 13° 34'·30E. (Bunkering Facility.) (All positions are referred to Undetermined Datum).
3. Mariners are advised to navigate with caution in the area.

Chart affected — 1215

3192(T)/11 ANGOLA - Girassol and Dalia Terminals Northwards - Buoyage.

Source: Total E & P Angola

1. Unlit, yellow superbuoys have been temporarily established in the following positions (Undetermined Datum):

7° 19'·27S., 11° 36'·23E.
7° 19'·51S., 11° 36'·52E.
7° 19'·92S., 11° 36'·75E.
7° 20'·02S., 11° 37'·08E.

2. Mariners are advised to navigate with caution in the area.

Charts affected — 306 — 307

4558(P)/11 ANGOLA - Ponta da Moita Seca Westwards - Kizomba A Terminal Southwards - Platforms. Submarine pipelines.

Source: Esso

1. *Oilfield developments are taking place to the south of the Kizomba Oil Terminals and are expected to continue until 2014.
2. Platforms are to be installed in the following positions:

6° 29'·25S., 11° 01'·06E.
6° 27'·95S., 11° 02'·16E.
6° 26'·11S., 11° 05'·45E.
6° 27'·61S., 11° 05'·26E.

3. *Submarine pipelines will be laid between the platforms above and the charted Kizomba A Terminal (6° 19'·20S., 11° 03'·15E.) and Kizomba B Terminal (6° 21'·15S., 11° 09'·10E.). (All positions are referred to WGS84 Datum).
4. Mariners are advised to navigate with caution in the area.
5. Chart 306 will be updated on completion of these developments.
6. Former Notice 3676(P)/11 is cancelled.

Chart affected — 306

3647(T)/12 TOGO - Lomé South-eastwards - Buoy. Automatic Identification System.

Source: French Notice 03/28(T)/12

1. The special light-buoy, *TG-11*, in position 6° 02'·3N., 1° 21'·9E. (WGS84 Datum), has been damaged. Its light and Automatic Identification System (AIS) are temporarily inoperative.
2. Mariners are advised to navigate with caution in this area.

Chart affected — 1384

4444(P)/12 GHANA - Jubilee Oil Field to Beyin - Submarine pipeline.

Source: Ghana Maritime Authority

1. Pipelaying operations are in progress to lay a new submarine pipeline linking Jubilee Oil Field (4° 32'·0N., 2° 55'·0W.) to Ghana.
2. A 7.5M section of pipeline has been laid joining the following positions:

4° 37'·2N., 2° 53'·4W.
4° 43'·9N., 2° 49'·7W.

4444(P)/12 GHANA - Jubilee Oil Field to Beyin - Submarine pipeline. (continued)

3. The planned route of the remaining 24M of pipeline will join the following positions:

4° 43'·9N., 2° 49'·7W.

4° 59'·7N., 2° 37'·6W. (shore)

(All positions are referred to WGS84 Datum)

4. Mariners are advised to keep clear of pipelaying operations and avoid anchoring or trawling in the vicinity.
5. Charts will be updated when the works are completed.

Charts affected — 595 — 1383

5142(P)/12 CONGO - Pointe-Noire and approaches - Works. Depths.

Source: French Notice 41/2(P)/12

1. Works are taking place within the port of Pointe-Noire and its approaches. Maximum permitted draughts are now as follows:

12·3m in the approach channel (4° 46'·69S., 11° 50'·00E.) to the port and berth G3

11·4m at berth G3 (4° 46'·72S., 11° 49'·74E.)

10·4m at berth G2 (4° 46'·72S., 11° 49'·66E.)

9·3m at the Oil Wharf (4° 46'·97S., 11° 49'·92E.)

2. Mariners are advised to contact the Pointe-Noire port authorities for the latest information.
3. Chart 3285 will be updated when full details become available.

Chart affected — 3285

(10) AFRICA, SOUTH AND EAST COASTS, AND MADAGASCAR

534(T)/10 MOZAMBIQUE - Baía de Pemba - Baixo de Nacole Westwards - Buoyage.

Source: Mozambique Notice 79(T)/09

1. Four yellow buoys have been established centred on 12° 59'·21S., 40° 29'·01E.(WGS84 Datum) marking an area of marine research.
2. Mariners are advised to navigate with caution in this area.

Chart affected — 647

4449(T)/12 SOUTH AFRICA - West Coast - Simon's Bay - Simon's Town - Noah's Ark North-westwards - Buoy.

Source: South African Notice 7/76(T)/12

1. A yellow spar light-buoy, *Fl(4)Y.15s*, has been established in position 34° 11'·329S., 18° 27'·056E. (WGS84 Datum).

Chart affected — 1922

5141(T)/12 SOUTH AFRICA - South Coast - Cape Agulhas to Mbashe Point - Current meters.

Source: South African Notices 1/30(T)-31(T)/12

1. Current meters have been established until further notice in the following positions (WGS84 Datum):

35° 05'·81S., 19° 49'·36E. Submerged at a depth of 116m

34° 46'·41S., 22° 31'·67E. Submerged at a depth of 116m

34° 19'·21S., 23° 53'·57E. Submerged at a depth of 115m

32° 27'·51S., 28° 42'·68E. Submerged at a depth of 61m

32° 30'·31S., 28° 49'·88E. Submerged at a depth of 91m

32° 31'·11S., 28° 51'·98E. Submerged at a depth of 255m

34° 13'·55S., 25° 33'·21E. Submerged at a depth of 115m

34° 13'·81S., 24° 43'·97E. Submerged at a depth of 72m

34° 14'·71S., 24° 43'·97E. Submerged at a depth of 93m

34° 24'·11S., 24° 43'·97E. Submerged at a depth of 120m

33° 19'·76S., 27° 28'·37E. Submerged at a depth of 29m

33° 26'·22S., 27° 31'·24E. Submerged at a depth of 77m

33° 29'·94S., 27° 33'·77E. Submerged at a depth of 105m

2. Former Notice 1234(T)/12 is cancelled.

Charts affected — 3793 — 4152 — 4153 — 4155 — 4156 — 4159 — 4163

5555(P)/12 MOZAMBIQUE - Baía de Maputo - Maputo and Approaches - Maintained channel. Recommended route. Buoyage.

Source: Maputo Port Development Company

1. A channel, maintained depth 11·0m, has been dredged into the Port of Maputo. The channel extends 50m either side of a line joining the following positions:

25° 55'·46S., 32° 51'·53E.

25° 56'·01S., 32° 44'·32E.

25° 57'·53S., 32° 39'·02E.

25° 59'·53S., 32° 35'·33E.

25° 59'·28S., 32° 34'·69E.

25° 58'·56S., 32° 33'·81E.

25° 57'·74S., 32° 32'·66E.

25° 57'·28S., 32° 31'·73E.

25° 57'·26S., 32° 31'·46E.

25° 57'·31S., 32° 31'·15E.

25° 57'·42S., 32° 30'·89E.

25° 57'·60S., 32° 30'·47E.

25° 57'·88S., 32° 29'·71E.

2. A recommended route exists in the centre of the channel between positions 25° 55'·46S., 32° 51'·53E. and 25° 56'·01S., 32° 44'·32E.

5555(P)/12 **MOZAMBIQUE - Baía de Maputo - Maputo and Approaches - Maintained channel. Recommended route. Buoyage. (continued)**

3. Lateral buoys are located in the centre of the channel. Vessels must pass as close as possible to these buoys on the appropriate side.
4. *A buoy has been established in position 25° 57'·14S., 32° 31'·40E.
5. Light-buoy '8' (25° 56'·89S., 32° 41'·25E.) has been reported missing.
6. * Buoy '10' (25° 57'·16S., 32° 39'·95E.) has been reported missing.
7. * The following light-buoys have been repositioned:

<i>Designation</i>	<i>New position</i>
'18'	25° 57'·34S., 32° 31'·58E.
'19'	25° 57'·32S., 32° 31'·34E.
'21'	25° 58'·15S., 32° 29'·64E.

(All positions are referred to WGS84 Datum)

8. * These and other changes will be included in the next New Edition of Chart 646, to be published in 2013.
* Indicates new or revised entry.
9. Former Notice 3799(P)/12 is cancelled.

Chart affected — 646

5556(T)/12 **MOZAMBIQUE - Approaches to Maputo - Canal do Norte - Baixo Cutfield Northwards - Buoy.**

Source: Maputo Port Development Company

1. Light-buoy '1N' in position 25° 38'·49S., 32° 53'·00E. has been reported as unlit (WGS84 Datum).

Chart affected — 644

(11) **RED SEA, ARABIA, IRAQ AND IRAN**

3732(P)/06 **ARABIAN SEA - RED SEA - Submarine cables.**

Source: FLAG Telecom

1. Segment 8 of the FLAG Telecom Falcon submarine cable has been laid joining the following positions (WGS84 Datum).
The cable route is shown on the accompanying diagram.

2. Section A:

23° 40'·80N., 58° 11'·72E. (shore)
23° 44'·41N., 58° 18'·50E.
23° 46'·63N., 58° 30'·99E.
23° 46'·92N., 58° 38'·72E.
23° 52'·81N., 58° 52'·48E.
23° 56'·09N., 58° 55'·47E.
23° 56'·57N., 58° 58'·53E.
23° 54'·50N., 59° 05'·00E.
23° 32'·61N., 59° 31'·33E.
23° 28'·46N., 59° 32'·73E.
23° 19'·05N., 59° 30'·57E.
23° 16'·64N., 59° 31'·01E.
22° 53'·45N., 60° 02'·18E.
22° 44'·74N., 60° 11'·71E.
22° 26'·42N., 60° 16'·94E.
21° 47'·63N., 60° 19'·59E.
20° 27'·86N., 60° 22'·51E.

3. Section B:

18° 25'·24N., 59° 17'·29E.
18° 20'·06N., 59° 17'·68E.
18° 14'·79N., 59° 21'·29E.
18° 09'·76N., 59° 22'·09E.
17° 36'·08N., 59° 06'·89E.
17° 01'·37N., 58° 39'·70E.
16° 44'·79N., 58° 12'·78E.
16° 44'·10N., 58° 06'·86E.
16° 47'·48N., 58° 01'·27E.
16° 49'·58N., 57° 55'·14E.
16° 49'·71N., 57° 50'·86E.
16° 34'·84N., 56° 36'·54E.
16° 08'·80N., 55° 18'·91E.
16° 09'·48N., 54° 52'·71E.
15° 39'·10N., 53° 30'·05E.
15° 33'·62N., 53° 10'·42E.
15° 19'·52N., 52° 50'·74E. (link)

4. Section C (spur to Muḥayfif):

15° 19'·52N., 52° 50'·74E. (link)
15° 34'·91N., 52° 46'·62E.
15° 38'·62N., 52° 44'·70E.
15° 41'·37N., 52° 40'·68E.
15° 53'·29N., 52° 34'·65E.
15° 59'·75N., 52° 30'·18E.
16° 10'·40N., 52° 13'·50E. (shore)

5. Section D:

15° 19'·52N., 52° 50'·74E. (link)
 15° 13'·83N., 52° 44'·27E.
 15° 05'·98N., 52° 41'·09E.
 15° 03'·00N., 52° 38'·14E.
 15° 00'·45N., 52° 30'·62E.
 14° 58'·45N., 52° 20'·45E.
 14° 58'·68N., 52° 09'·76E.
 14° 46'·48N., 51° 55'·47E.
 14° 18'·33N., 50° 50'·74E.
 13° 47'·98N., 49° 48'·86E.
 13° 44'·67N., 49° 33'·03E.
 13° 35'·82N., 49° 17'·33E.
 13° 34'·03N., 49° 05'·65E.
 13° 36'·80N., 49° 00'·49E.
 13° 37'·26N., 48° 55'·74E.
 13° 19'·74N., 48° 02'·26E.
 13° 16'·61N., 48° 00'·51E.
 13° 12'·87N., 47° 58'·91E.
 12° 19'·34N., 45° 02'·96E.
 12° 15'·44N., 44° 36'·14E.

6. Section E:

12° 16'·10N., 44° 34'·08E.
 12° 13'·10N., 44° 04'·53E.
 12° 13'·91N., 43° 59'·37E.
 12° 20'·28N., 43° 47'·43E.
 12° 23'·78N., 43° 43'·98E.
 12° 30'·92N., 43° 41'·09E.
 12° 35'·43N., 43° 28'·09E.
 12° 34'·13N., 43° 24'·57E.
 12° 38'·04N., 43° 18'·67E.
 12° 41'·09N., 43° 19'·84E.
 12° 44'·75N., 43° 18'·38E.
 12° 48'·75N., 43° 18'·29E.
 12° 55'·15N., 43° 16'·02E.
 13° 28'·38N., 42° 54'·50E.
 13° 38'·69N., 42° 56'·16E.
 13° 48'·43N., 42° 54'·89E.
 13° 56'·81N., 42° 55'·49E.
 14° 04'·97N., 42° 53'·89E.
 14° 21'·00N., 42° 39'·82E.
 14° 30'·27N., 42° 36'·17E.
 14° 37'·27N., 42° 29'·95E. (link)

7. Section F (spur to Al Hudaydah):

14° 37'·27N., 42° 29'·95E. (link)
 14° 37'·09N., 42° 32'·06E.
 14° 39'·62N., 42° 35'·32E.
 14° 47'·88N., 42° 56'·29E. (shore)

8. Section G:

14° 37'·27N., 42° 29'·95E. (link)
 14° 55'·04N., 42° 18'·68E.
 15° 09'·13N., 42° 15'·36E.
 15° 16'·25N., 42° 05'·79E.
 15° 41'·35N., 41° 56'·40E.
 15° 47'·55N., 41° 52'·59E.
 15° 41'·76N., 41° 47'·40E.
 15° 50'·18N., 41° 30'·37E.
 16° 11'·76N., 41° 10'·29E.
 16° 11'·82N., 41° 07'·81E.
 16° 26'·95N., 40° 55'·77E.
 16° 29'·81N., 40° 51'·18E.
 16° 37'·85N., 40° 48'·58E.
 16° 41'·22N., 40° 49'·06E.
 17° 02'·94N., 40° 30'·49E.
 17° 06'·77N., 40° 22'·82E.
 17° 13'·54N., 40° 19'·11E.
 17° 16'·32N., 40° 15'·73E.
 17° 16'·32N., 40° 06'·31E.
 17° 20'·04N., 40° 00'·45E.
 18° 06'·45N., 39° 29'·95E.
 18° 37'·88N., 39° 16'·00E.
 19° 01'·23N., 39° 01'·27E.
 19° 13'·17N., 38° 41'·70E.
 19° 24'·47N., 38° 32'·05E.
 19° 53'·82N., 38° 16'·96E.
 19° 57'·96N., 38° 12'·10E.
 20° 41'·64N., 37° 53'·20E.
 21° 08'·73N., 37° 48'·86E.
 21° 11'·77N., 37° 49'·11E.
 21° 24'·16N., 37° 47'·40E.
 21° 28'·26N., 37° 45'·78E. (link)

9. Section H (spur to Jeddah):

21° 28'·26N., 37° 45'·78E. (link)
 21° 29'·21N., 37° 48'·42E.
 21° 30'·95N., 37° 50'·04E.
 21° 35'·73N., 38° 05'·69E.
 21° 34'·97N., 38° 18'·26E.
 21° 33'·23N., 38° 24'·99E.
 21° 28'·37N., 38° 33'·75E.
 21° 28'·75N., 38° 36'·51E.
 21° 33'·84N., 38° 40'·64E.
 21° 35'·05N., 38° 45'·10E.
 21° 33'·46N., 38° 51'·10E.
 21° 32'·62N., 39° 02'·86E.
 21° 33'·52N., 39° 06'·66E. (shore)

10. Section I:

- 21° 28'·26N., 37° 45'·78E. (link)
- 21° 37'·74N., 37° 42'·86E.
- 21° 43'·20N., 37° 43'·35E.
- 21° 56'·45N., 37° 37'·67E.
- 22° 14'·13N., 37° 27'·94E.
- 22° 46'·57N., 37° 03'·90E.
- 23° 04'·15N., 36° 46'·30E.
- 23° 08'·24N., 36° 43'·34E.
- 23° 17'·95N., 36° 32'·92E.
- 23° 41'·73N., 36° 16'·86E.
- 23° 46'·58N., 36° 14'·91E.
- 23° 50'·72N., 36° 09'·93E.
- 24° 02'·20N., 36° 03'·44E.
- 24° 31'·94N., 35° 57'·90E.
- 25° 35'·53N., 35° 23'·44E.
- 25° 52'·79N., 35° 11'·25E.
- 26° 06'·57N., 35° 05'·15E.
- 26° 17'·21N., 35° 02'·96E.
- 26° 37'·49N., 34° 38'·07E.
- 26° 42'·04N., 34° 34'·22E.
- 27° 09'·91N., 34° 13'·64E.
- 27° 12'·51N., 34° 12'·80E.
- 27° 17'·14N., 34° 07'·85E.
- 27° 29'·79N., 34° 06'·63E.
- 27° 32'·92N., 34° 05'·49E.
- 27° 42'·14N., 33° 53'·78E.

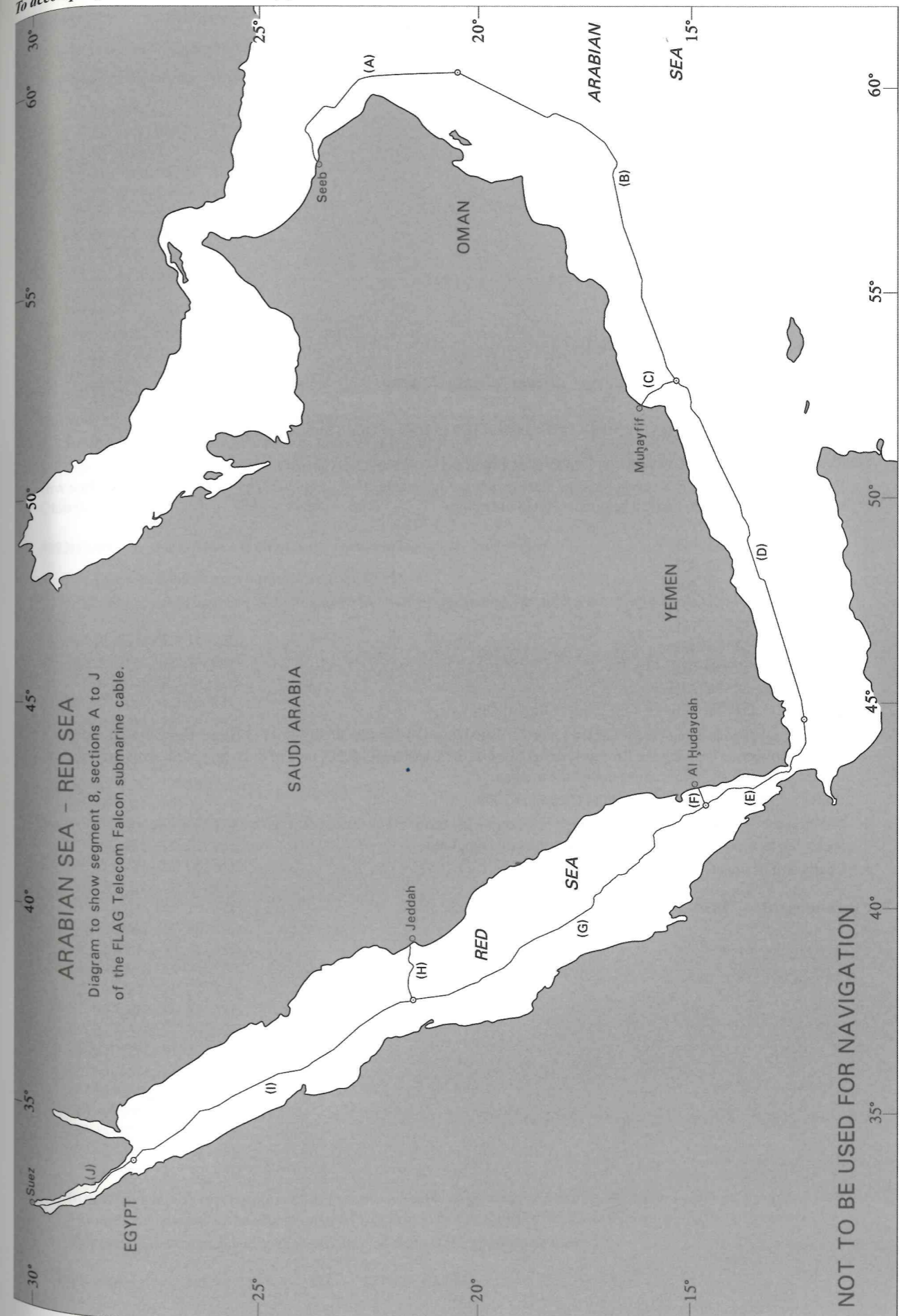
11. Section J

- 27° 43'·61N., 33° 51'·34E.
- 27° 45'·87N., 33° 49'·45E.
- 27° 47'·81N., 33° 49'·82E.
- 27° 58'·37N., 33° 40'·62E.
- 28° 08'·32N., 33° 35'·49E.
- 28° 12'·13N., 33° 35'·36E.
- 28° 29'·17N., 33° 14'·03E.
- 28° 32'·48N., 33° 07'·70E.
- 28° 32'·54N., 33° 05'·81E.
- 28° 34'·26N., 33° 02'·96E.
- 28° 42'·82N., 32° 59'·86E.
- 28° 44'·61N., 33° 01'·37E.
- 29° 25'·01N., 32° 40'·69E.
- 29° 39'·09N., 32° 33'·05E.
- 29° 45'·95N., 32° 32'·80E.
- 29° 49'·40N., 32° 30'·92E.
- 29° 50'·23N., 32° 29'·63E. (shore)

- 12. To simplify this notice as much as possible only a minimum selection of geographical positions have been listed. Because of this, mariners are advised not to anchor or trawl within at least three miles of the general course of the submarine cable.
- 13. This update will be included in the next New Edition of the appropriate charts.

Charts affected — 15 — 38 — 143 — 164 — 452 — 453 — 1925 — 2658 — 2659 — 3522 — 3661

To accompany Notice to Mariners 3732(P)/06



4972(T)/06 KUWAIT - - Measuring instruments. Buoyage.

Source: Kuwaiti Notice 12/06

1. Oceanographic buoys have been established in the following positions. All buoys are yellow and exhibit group flashing lights.

29° 49'·40N., 48° 22'·80E.

29° 29'·54N., 48° 18'·43E.

29° 26'·59N., 48° 06'·56E.

29° 16'·60N., 48° 06'·40E.

29° 10'·40N., 48° 15'·40E.

29° 08'·40N., 48° 34'·00E.

* 29° 06'·60N., 48° 17'·95E.

29° 00'·00N., 48° 11'·50E.

28° 48'·00N., 48° 44'·08E.

* Indicates new or revised entry.

2. Former Notice 3970(T)/05 is cancelled.

Charts affected — 1214 — 1223 — 1235 — 2882 — 2884 — 3773

2783(P)/08 UNITED ARAB EMIRATES - Jazīrat Dās to Ra's al Qilā - Submarine pipeline.

Source: National Petroleum Construction Company & MENAS Nav Warning 21/08

1. Work is in progress to lay a new submarine pipeline linking Jazīrat Dās to Ra's al Qilā. The route of the new pipeline will join the following positions: (all referred to WGS84 Datum)

25° 09'·62N., 52° 52'·11E.

Jazīrat Dās

25° 09'·34N., 52° 50'·99E.

25° 08'·40N., 52° 50'·59E.

24° 58'·20N., 52° 51'·92E.

24° 56'·74N., 52° 52'·72E.

24° 23'·27N., 52° 56'·46E.

24° 18'·50N., 52° 56'·84E.

24° 15'·33N., 52° 55'·23E.

24° 08'·42N., 52° 54'·05E.

Ra's al Qilā

2. Dredging operations along the part of the route starting at position 24° 49'·30N., 52° 53'·30E. are being progressed in a southerly direction crossing the Ruwais channel towards the Ghasha Field. The area of operation of the support vessels is limited to an area of 2 NM radius around the dredger.
3. Works are expected to be completed in December 2008.
4. Mariners are requested to give the dredging operation a wide berth, exercise caution when navigating in the area and to avoid anchoring or trawling in the vicinity of the submarine pipeline.
5. Charts will be updated on completion of the works.

Charts affected — 2858 — 3413

3387(P)/09 RED SEA - - Submarine cable.

Source: Navarea IX Radio Navigation Warning 94/09

1. A submarine cable has been laid from the Northern Red Sea to Jeddah, joining the following positions:

26° 07'·69N., 35° 18'·79E.

25° 39'·99N., 35° 41'·32E.

25° 28'·51N., 35° 47'·99E.

25° 01'·38N., 35° 58'·41E.

24° 35'·60N., 36° 06'·47E.

24° 20'·49N., 36° 09'·75E.

24° 05'·63N., 36° 32'·44E.

23° 58'·71N., 36° 48'·60E.

23° 32'·65N., 37° 09'·12E.

22° 59'·89N., 37° 34'·60E.

21° 58'·73N., 38° 10'·76E.

21° 32'·79N., 38° 38'·09E.

21° 32'·37N., 38° 53'·12E.

21° 35'·25N., 39° 01'·98E.

21° 35'·79N., 39° 06'·36E.(shore)

(All positions are referred to WGS84 Datum)

2. Mariners are advised not to anchor or trawl within at least 3 miles of the general course of the submarine cable.
3. This update will be included in the next New Editions of the appropriate charts.

Charts affected — 158 — 159 — 2658 — 2659

5975(P)/09 RED SEA - Gulf of Suez - Submarine cable.

Source: Pakistani Navigation Warnings 160,161,165/09

1. A submarine cable has been laid joining the following positions (All positions are referred to WGS84 Datum):

29° 30'·92N., 32° 31'·72E.

29° 28'·58N., 32° 34'·00E.

29° 09'·06N., 32° 44'·42E.

28° 57'·50N., 32° 50'·12E.

28° 50'·61N., 32° 56'·14E.

28° 45'·94N., 32° 57'·80E.

28° 41'·61N., 32° 58'·91E.

28° 40'·15N., 32° 58'·79E.

28° 38'·73N., 33° 00'·55E.

28° 32'·30N., 33° 02'·37E.

28° 30'·00N., 33° 03'·91E.

28° 27'·27N., 33° 06'·65E.

28° 25'·21N., 33° 11'·47E.

28° 19'·51N., 33° 15'·52E.

28° 15'·16N., 33° 18'·14E.

28° 13'·68N., 33° 18'·44E.

28° 09'·69N., 33° 21'·79E.

28° 09'·42N., 33° 22'·76E.

28° 06'·54N., 33° 26'·32E.

28° 01'·63N., 33° 31'·02E.

28° 00'·82N., 33° 32'·47E.

27° 56'·16N., 33° 37'·72E.

27° 55'·23N., 33° 39'·57E.

27° 49'·80N., 33° 45'·48E.

27° 46'·82N., 33° 45'·67E.

27° 40'·08N., 33° 52'·97E.

27° 36'·80N., 33° 56'·92E.

2. In order to simplify the depiction of this submarine cable a reduced number of geographical positions have been listed. Mariners are advised not to anchor or trawl within at least two miles of the general course of the submarine cable.
3. This update will be included in the next New Editions of the appropriate charts.

Charts affected — 333 — 2133 — 2373 — 2374 — 2375

666(T)/11 UNITED ARAB EMIRATES - North and East Coasts - Data buoys.

Source: UKHO

1. Lit weather buoys have been established in the following positions (WGS84 Datum):

24° 54'·00N., 53° 02'·00E.
24° 35'·07N., 54° 20'·12E.
24° 30'·22N., 52° 16'·01E.
25° 18'·11N., 55° 14'·02E.
25° 58'·07N., 56° 01'·10E.
25° 34'·04N., 56° 23'·02E.

2. A wide berth is requested.
3. Former Notice 5123(T)/06 is cancelled.

Charts affected — 2444 — 3171 — 3174 — 3412 — 3414 — 3713 — 3715 — 3951

3577(P)/11 DJIBOUTI - Port of Djibouti - Lights. Leading line. Obstructions. Wrecks. Depths. Pilotage. Works.

Source: French Chart 7546, ENC FR436010, ENC FR575640 & UKHO

1. There are numerous changes to existing charted detail in the Port of Djibouti and its approaches. The most significant of these are listed below.
2. The following lights no longer exist:

Oc(2)WRG.6s13m (occas) 11° 36'·148N., 43° 08'·195E.
F.R.6m2M 11° 36'·327N., 43° 07'·916E.

3. A new leading line has been established marked by lights in positions 11° 35'·992N., 43° 06'·762E. (Q.G.5M) and 11° 35'·897N., 43° 06'·955E. (Q.G.5M). The lead extends on bearing 116·5° marking the outer approach to the Port of Djibouti.
4. Obstructions exist in the following positions:

11° 38'·12N., 43° 04'·30E.
11° 38'·13N., 43° 04'·48E.
*11° 38'·72N., 43° 03'·94E.
*11° 38'·78N., 43° 03'·95E.

5. Wrecks considered dangerous to navigation exist in the following positions:

11° 39'·055N., 43° 08'·885E.
11° 36'·729N., 43° 07'·598E.

6. Depths less than charted exist in the following positions:

*16·3m 11° 36'·23N., 43° 03'·91E.
*13·1m 11° 36'·36N., 43° 06'·91E.
22m 11° 36'·71N., 43° 03'·77E.
*7·6m 11° 36'·93N., 43° 07'·26E.
13·9m 11° 37'·88N., 43° 05'·10E.

7. Alongside depths exist in the following positions:

8·6m 11° 36'·250N., 43° 08'·250E.
5·7m 11° 36'·598N., 43° 08'·104E.
5·2m 11° 36'·573N., 43° 08'·157E.
8·1m 11° 36'·727N., 43° 08'·179E.
10m 11° 36'·768N., 43° 08'·404E.

8. A zone of compulsory pilotage has been established, bounded by the following positions:

11° 35'·30N., 43° 06'·00E.(shore)
11° 39'·00N., 43° 06'·00E.
11° 39'·00N., 43° 10'·00E.
11° 37'·40N., 43° 09'·00E.(shore)

9. Reclamation has taken place east and west of the peninsular joining Plateau du Héron and Plateau du Marabout in the vicinity of 11° 37'·0N., 43° 08'·9E.
(All positions are referred to WGS84 Datum.)

10. Mariners are advised to navigate with caution and to consult local authorities for the most up to date information.

3577(P)/11 DJIBOUTI - Port of Djibouti - Lights. Leading line. Obstructions. Wrecks. Depths. Pilotage. Works. (continued)

11. These changes will be included in a New Chart of the Port of Djibouti.
* Indicates new or revised entry.
12. Former notice 2663(P)/11 is cancelled.

Chart affected — 262

316(P)/12 UNITED ARAB EMIRATES - Ar Ru'ays (Ruweis) Westwards - Dredging area. Works.

Source: DEME

1. *Dredging operations and jetty construction works are in progress between Jabal Az Zannah (Jabal Dhanna) and Ar Ru'ays (Ruweis).
2. The works area is bounded by the following positions (Undetermined Datum):

24° 08'·88N., 52° 40'·00E.
24° 09'·66N., 52° 39'·42E.
24° 10'·13N., 52° 38'·51E.
24° 10'·92N., 52° 38'·03E.
24° 11'·32N., 52° 40'·20E. (yellow light-buoy, *TKR1 VQ*)
24° 11'·63N., 52° 41'·81E.
24° 11'·45N., 52° 42'·28E.
24° 09'·92N., 52° 42'·30E. (yellow light-buoy, *TKR2 VQ*)
24° 08'·86N., 52° 42'·24E.

3. Appropriate warning lights and daymarks will be exhibited and mariners are to exercise special care when navigating in this vicinity.
* Indicates new or revised entry
4. These changes will be included in the next New Edition of Chart 3780.
5. Former Notice 4335(P)/09 is cancelled.

Chart affected — 3780

657(P)/12 ARABIAN SEA - Persian Gulf - Submarine cables.

Source: TE SubCom

1. *The TATA Communications Gulf Cable System has been laid joining the following positions (WGS84 Datum):
2. *Segment 5

25° 03'·79N., 56° 21'·68E.(shore)
25° 03'·87N., 56° 23'·95E.
25° 03'·35N., 56° 24'·48E.
25° 01'·85N., 56° 24'·48E.
25° 00'·66N., 56° 24'·94E.
24° 59'·40N., 56° 27'·06E.

3. *Segment 6

24° 59'·18N., 55° 01'·15E.(shore)
24° 59'·93N., 55° 01'·85E.
25° 00'·80N., 55° 02'·06E.
25° 02'·29N., 55° 01'·17E.
25° 04'·93N., 54° 50'·71E.
25° 04'·96N., 54° 46'·21E.
25° 17'·74N., 54° 14'·20E.
25° 25'·22N., 53° 35'·87E.
25° 25'·11N., 53° 19'·62E.
25° 23'·55N., 53° 15'·08E.
25° 23'·52N., 53° 09'·07E.
25° 25'·54N., 53° 03'·97E.
25° 34'·04N., 52° 58'·42E.
25° 37'·78N., 52° 51'·97E.
25° 44'·91N., 52° 26'·41E.
25° 43'·58N., 52° 25'·00E.
25° 40'·35N., 52° 12'·86E.
25° 40'·01N., 52° 02'·64E.
25° 40'·31N., 52° 02'·50E.

4. *Segment 7

25° 40'·31N., 52° 02'·50E.
 25° 40'·51N., 52° 02'·51E.
 25° 49'·41N., 51° 57'·73E.
 25° 51'·77N., 51° 57'·06E.
 25° 53'·09N., 51° 56'·36E.
 25° 54'·23N., 51° 56'·17E.
 26° 11'·49N., 51° 49'·29E.
 26° 20'·38N., 51° 39'·08E.
 26° 20'·70N., 51° 37'·43E.
 26° 26'·46N., 51° 28'·09E.
 26° 28'·78N., 51° 25'·49E.
 26° 37'·27N., 51° 18'·60E.
 26° 44'·17N., 51° 09'·57E.
 26° 45'·85N., 51° 05'·68E.
 26° 50'·16N., 51° 00'·79E.

5. *Segment 8

26° 50'·16N., 51° 00'·79E.
 26° 50'·37N., 51° 00'·61E.
 26° 54'·61N., 50° 53'·98E.
 27° 00'·87N., 50° 48'·72E.
 27° 02'·80N., 50° 47'·48E.
 27° 02'·90N., 50° 47'·27E.

6. *Segment 9

27° 02'·90N., 50° 47'·27E.
 27° 03'·19N., 50° 47'·07E.
 27° 03'·60N., 50° 46'·59E.

7. *Segment 11

25° 40'·31N., 52° 02'·50E.
 25° 40'·02N., 52° 02'·35E.
 25° 38'·19N., 51° 48'·30E.
 25° 37'·99N., 51° 45'·56E.
 25° 37'·38N., 51° 44'·10E.
 25° 36'·80N., 51° 41'·70E.
 25° 34'·57N., 51° 36'·52E.
 25° 34'·57N., 51° 35'·90E.
 25° 35'·14N., 51° 34'·73E.
 25° 34'·39N., 51° 29'·88E.
 25° 34'·18N., 51° 29'·39E.(shore)

8. *Segment 12

26° 50'·15N., 51° 00'·79E.
 26° 49'·94N., 51° 00'·88E.
 26° 39'·47N., 50° 55'·67E.
 26° 37'·61N., 50° 54'·90E.
 26° 35'·14N., 50° 53'·18E.
 26° 32'·72N., 50° 50'·95E.
 26° 30'·85N., 50° 49'·99E.
 26° 27'·68N., 50° 50'·02E.
 26° 25'·90N., 50° 49'·39E.
 26° 25'·41N., 50° 48'·97E.
 26° 24'·99N., 50° 47'·94E.
 26° 23'·89N., 50° 46'·53E.
 26° 21'·99N., 50° 45'·45E.
 26° 20'·87N., 50° 44'·65E.
 26° 19'·76N., 50° 41'·58E.
 26° 17'·90N., 50° 40'·22E.(shore)

9. *Segment 13

27° 02'·90N., 50° 47'·27E.
 26° 58'·88N., 50° 44'·44E.
 26° 57'·43N., 50° 42'·84E.
 26° 53'·46N., 50° 41'·28E.
 26° 51'·36N., 50° 39'·42E.
 26° 48'·01N., 50° 34'·78E.
 26° 44'·42N., 50° 25'·65E.
 26° 43'·42N., 50° 24'·41E.
 26° 41'·85N., 50° 23'·50E.
 26° 39'·02N., 50° 23'·23E.
 26° 37'·11N., 50° 22'·39E.
 26° 36'·18N., 50° 20'·43E.
 26° 34'·32N., 50° 19'·13E.
 26° 32'·01N., 50° 19'·46E.
 26° 30'·84N., 50° 21'·42E.
 26° 29'·50N., 50° 22'·08E.
 26° 25'·95N., 50° 21'·47E.
 26° 22'·29N., 50° 20'·09E.
 26° 21'·38N., 50° 19'·40E.
 26° 20'·65N., 50° 19'·34E.
 26° 19'·42N., 50° 19'·64E.
 26° 15'·76N., 50° 18'·82E.
 26° 14'·25N., 50° 17'·66E.
 26° 14'·14N., 50° 17'·21E.
 26° 15'·94N., 50° 13'·23E.(shore)

10. *To simplify this notice as much as possible only a minimum selection of geographical positions have been listed. Because of this, mariners are advised not to anchor or trawl within at least three miles of the general course of the submarine cable.

*Indicates new or revised entry.

11. This update will be included in the next New Editions of the appropriate charts.

12. Former Notice 5337(P)/11 is cancelled.

Charts affected — 2523 — 2837 — 2847 — 2858 — 3772 — 3950

1030(P)/12 EGYPT - Red Sea Coast - Wâdi Feirân Terminal - Berth No 2 - Buoyage.

Source: mt *TH Serenade*

- There have been changes to buoyage in the vicinity of Berth No 2.
- Buoys have been established in the following positions:

Spar buoy	28° 43'·82N., 33° 11'·41E.
Spar buoy	28° 43'·73N., 33° 11'·25E.
Mooring buoy	28° 43'·71N., 33° 11'·53E.
Mooring buoy	28° 43'·64N., 33° 11'·58E.
Mooring buoy	28° 43'·55N., 33° 11'·63E.
Mooring buoy	28° 43'·49N., 33° 11'·50E.
Mooring buoy	28° 43'·53N., 33° 11'·42E.

- Buoys have been removed from the following positions:

Spar buoy	28° 44'·31N., 33° 11'·84E.
Spar buoy	28° 44'·37N., 33° 11'·97E.
Mooring buoy	28° 44'·12N., 33° 12'·01E.
Mooring buoy	28° 44'·09N., 33° 12'·06E.
Mooring buoy	28° 44'·14N., 33° 12'·11E.
Mooring buoy	28° 44'·17N., 33° 12'·12E.

- Mariners are advised to navigate with caution in this area. (All positions are referred to WGS84 Datum)

Charts affected — 2132 — 2373

1233(P)/12 KUWAIT - IRAQ - IRAN - SAUDI ARABIA - BAHRAIN - QATAR - UNITED ARAB EMIRATES - Submarine cables.

Source: TE SubCom

1. The Gulf Bridge International Cable system is being laid in segments joining the following positions (WGS84 Datum). The cable route is shown on the accompanying diagram.

2. Segment 2:

25° 24'·80N., 56° 50'·60E.(BU1)
25° 29'·15N., 56° 47'·83E.
25° 40'·42N., 56° 44'·31E.
25° 58'·24N., 56° 42'·58E.
26° 11'·91N., 56° 38'·08E.
26° 25'·29N., 56° 35'·54E.
26° 27'·20N., 56° 36'·11E.
26° 31'·74N., 56° 32'·30E.
26° 32'·16N., 56° 29'·58E.
26° 26'·73N., 56° 11'·99E.
26° 18'·22N., 55° 54'·76E.
26° 03'·41N., 55° 42'·27E.
26° 02'·86N., 55° 40'·42E.
25° 34'·84N., 55° 13'·21E.
25° 27'·41N., 54° 57'·69E.
25° 25'·74N., 54° 42'·04E.
25° 24'·30N., 54° 36'·74E.
25° 25'·80N., 54° 32'·76E.
25° 27'·42N., 54° 19'·38E.
25° 26'·99N., 54° 17'·25E.
25° 27'·68N., 54° 03'·86E.
25° 25'·78N., 53° 35'·82E.
25° 25'·26N., 53° 15'·50E.
25° 25'·37N., 53° 06'·59E.
25° 26'·53N., 53° 04'·06E.
25° 34'·12N., 52° 59'·88E.
25° 40'·79N., 52° 50'·69E.
25° 44'·84N., 52° 39'·98E.
25° 46'·18N., 52° 38'·71E.
25° 46'·59N., 52° 32'·03E.
25° 47'·58N., 52° 30'·03E.
25° 46'·72N., 52° 21'·55E.
25° 45'·79N., 52° 20'·45E.
25° 44'·81N., 52° 11'·11E.
25° 43'·90N., 52° 09'·29E.
25° 39'·90N., 51° 48'·56E.
25° 40'·46N., 51° 46'·56E.
25° 36'·99N., 51° 38'·02E.
25° 37'·55N., 51° 32'·83E.(shore)

1233(P)/12 KUWAIT - IRAQ - IRAN - SAUDI ARABIA - BAHRAIN - QATAR - UNITED ARAB EMIRATES - Submarine cables. (continued)

3. Segment 3:

25° 37'·55N., 51° 32'·83E.(shore)
25° 37'·61N., 51° 38'·81E.
25° 43'·35N., 51° 48'·55E.
25° 45'·52N., 51° 50'·64E.
25° 48'·90N., 51° 50'·58E.
25° 53'·60N., 51° 49'·90E.
25° 55'·52N., 51° 50'·53E.
26° 03'·80N., 51° 50'·00E.
26° 09'·37N., 51° 48'·57E.
26° 11'·86N., 51° 47'·29E.
26° 17'·01N., 51° 40'·70E.
26° 24'·30N., 51° 35'·17E.
26° 46'·23N., 51° 09'·79E.
26° 47'·54N., 51° 08'·97E.
26° 51'·25N., 51° 04'·32E.
26° 51'·38N., 51° 03'·88E.(BU2)

4. Segment 4:

26° 13'·46N., 50° 41'·78E.(shore)
26° 13'·59N., 50° 43'·98E.
26° 14'·11N., 50° 44'·84E.
26° 21'·92N., 50° 45'·70E.
26° 23'·64N., 50° 46'·48E.
26° 26'·65N., 50° 50'·89E.
26° 27'·13N., 50° 51'·10E.
26° 30'·17N., 50° 51'·05E.
26° 30'·87N., 50° 51'·36E.
26° 32'·51N., 50° 53'·60E.
26° 34'·30N., 50° 54'·10E.
26° 51'·38N., 51° 03'·88E.(BU2)

5. Segment 5:

26° 51'·38N., 51° 03'·88E.(BU2)
27° 05'·78N., 50° 46'·57E.(BU3)

6. Segment 6:

26° 18'·78N., 50° 13'·71E.(shore)
26° 18'·62N., 50° 14'·36E.
26° 20'·76N., 50° 15'·37E.
26° 22'·15N., 50° 15'·32E.
26° 23'·13N., 50° 16'·14E.
26° 23'·78N., 50° 16'·61E.
26° 24'·41N., 50° 16'·72E.
26° 25'·75N., 50° 16'·46E.
26° 27'·42N., 50° 17'·25E.
26° 30'·13N., 50° 17'·41E.
26° 33'·16N., 50° 18'·25E.
26° 33'·96N., 50° 18'·22E.
26° 36'·33N., 50° 18'·78E.
26° 39'·82N., 50° 21'·50E.
26° 43'·37N., 50° 22'·43E.
26° 44'·64N., 50° 23'·04E.
26° 46'·00N., 50° 24'·66E.
26° 47'·79N., 50° 31'·08E.
26° 51'·99N., 50° 36'·99E.
26° 59'·36N., 50° 43'·12E.
27° 05'·78N., 50° 46'·57E.(BU3)

1233(P)/12 KUWAIT - IRAQ - IRAN - SAUDI ARABIA - BAHRAIN - QATAR - UNITED ARAB EMIRATES -
Submarine cables. (continued)

7. Segment 7:

27° 05'·78N., 50° 46'·57E.(BU3)
27° 38'·69N., 50° 21'·69E.
27° 52'·31N., 49° 54'·63E.
28° 04'·67N., 49° 46'·11E.
28° 13'·30N., 49° 24'·17E.
28° 16'·52N., 49° 21'·88E.
28° 18'·82N., 49° 22'·07E.
28° 25'·19N., 49° 25'·49E.
28° 35'·70N., 49° 27'·49E.
28° 39'·88N., 49° 26'·48E.
28° 59'·91N., 49° 13'·17E.
29° 04'·54N., 49° 05'·72E.
29° 12'·81N., 48° 59'·73E.(BU4)

8. Segment 8:

29° 20'·25N., 48° 05'·74E.(shore)
29° 19'·92N., 48° 07'·56E.
29° 13'·10N., 48° 18'·78E.
29° 12'·02N., 48° 22'·87E.
29° 11'·70N., 48° 42'·31E.
29° 12'·50N., 48° 55'·92E.
29° 12'·81N., 48° 59'·73E.(BU4)

9. Segment 9:

29° 12'·81N., 48° 59'·73E.(BU4)
29° 17'·75N., 49° 05'·70E.(BU5)

10. Segment 10:

*29° 54'·79N., 48° 30'·31E.(shore)
*29° 49'·94N., 48° 30'·95E.
*29° 49'·34N., 48° 31'·35E.
*29° 47'·53N., 48° 34'·04E.
*29° 46'·63N., 48° 35'·12E.
*29° 45'·73N., 48° 35'·48E.
29° 41'·51N., 48° 43'·99E.
29° 41'·05N., 48° 44'·43E.
29° 35'·76N., 48° 44'·06E.
29° 34'·37N., 48° 45'·83E.
29° 33'·57N., 48° 47'·56E.
29° 32'·54N., 48° 48'·60E.
29° 29'·08N., 48° 50'·44E.
29° 20'·46N., 48° 58'·85E.
29° 17'·75N., 49° 05'·70E.(BU5)

11. Segment 11:

29° 17'·75N., 49° 05'·70E.(BU5)
29° 16'·98N., 49° 07'·87E.
29° 14'·54N., 49° 11'·41E.
29° 14'·45N., 49° 15'·37E.
29° 10'·31N., 49° 31'·22E.
28° 24'·07N., 50° 32'·41E.(BU6)

12. Segment 12:

*28° 24'·07N., 50° 32'·41E.(BU6)
*28° 50'·87N., 50° 45'·94E.
*28° 51'·99N., 50° 46'·90E.
*28° 54'·06N., 50° 48'·12E.
*28° 54'·82N., 50° 48'·90E.(shore)

1233(P)/12 KUWAIT - IRAQ - IRAN - SAUDI ARABIA - BAHRAIN - QATAR - UNITED ARAB EMIRATES -
Submarine cables. (continued)

13. Segment 13:

28° 24'·07N., 50° 32'·41E.(BU6)
27° 48'·45N., 50° 57'·16E.
27° 20'·15N., 51° 23'·72E.
27° 05'·23N., 51° 51'·74E.
26° 56'·73N., 52° 18'·06E.
26° 54'·90N., 52° 20'·34E.
26° 53'·96N., 52° 24'·17E.
26° 37'·66N., 52° 57'·34E.
26° 29'·88N., 53° 08'·50E.
26° 16'·92N., 53° 39'·58E.
26° 17'·66N., 53° 41'·86E.
26° 14'·29N., 53° 53'·89E.
26° 15'·19N., 53° 56'·30E.
26° 12'·82N., 54° 08'·08E.
26° 14'·63N., 55° 01'·15E.
26° 23'·83N., 55° 49'·25E.
26° 34'·94N., 56° 12'·11E.
26° 38'·85N., 56° 27'·67E.
26° 38'·96N., 56° 36'·21E.
26° 37'·27N., 56° 39'·33E.
26° 31'·87N., 56° 42'·22E.
26° 12'·51N., 56° 46'·83E.
26° 10'·27N., 56° 48'·90E.
26° 05'·61N., 56° 50'·40E.
25° 39'·00N., 56° 53'·29E.
25° 26'·75N., 56° 58'·68E.
25° 22'·41N., 56° 58'·51E.
25° 04'·49N., 56° 38'·77E.
25° 06'·59N., 56° 24'·89E.
25° 06'·01N., 56° 21'·58E.(shore)

14. Segment 14.1:

25° 24'·80N., 56° 50'·60E.(BU1)
25° 17'·24N., 56° 54'·85E.
25° 15'·53N., 56° 55'·56E.
25° 09'·73N., 56° 59'·26E.
25° 09'·38N., 57° 00'·06E.
25° 09'·52N., 57° 03'·16E.
25° 08'·64N., 57° 05'·61E.
24° 55'·85N., 57° 17'·43E.
24° 42'·75N., 57° 36'·82E.
24° 38'·44N., 57° 57'·94E.
24° 40'·06N., 58° 02'·82E.
24° 36'·90N., 58° 21'·29E.
24° 32'·96N., 58° 30'·18E.
24° 32'·56N., 58° 36'·13E.(BU7)

15. Segment 14.2:

24° 32'·56N., 58° 36'·13E.(BU7)
24° 31'·49N., 58° 39'·12E.
24° 30'·89N., 58° 44'·44E.
24° 17'·37N., 58° 58'·46E.
24° 02'·24N., 59° 05'·41E.
24° 02'·26N., 59° 08'·02E.
24° 01'·20N., 59° 05'·61E.
23° 59'·30N., 59° 07'·69E.(BU)

16. To simplify this notice as much as possible only a minimum selection of geographical positions have been listed. Because of this, mariners are advised not to anchor or trawl within at least three miles of the general course of the submarine cable.

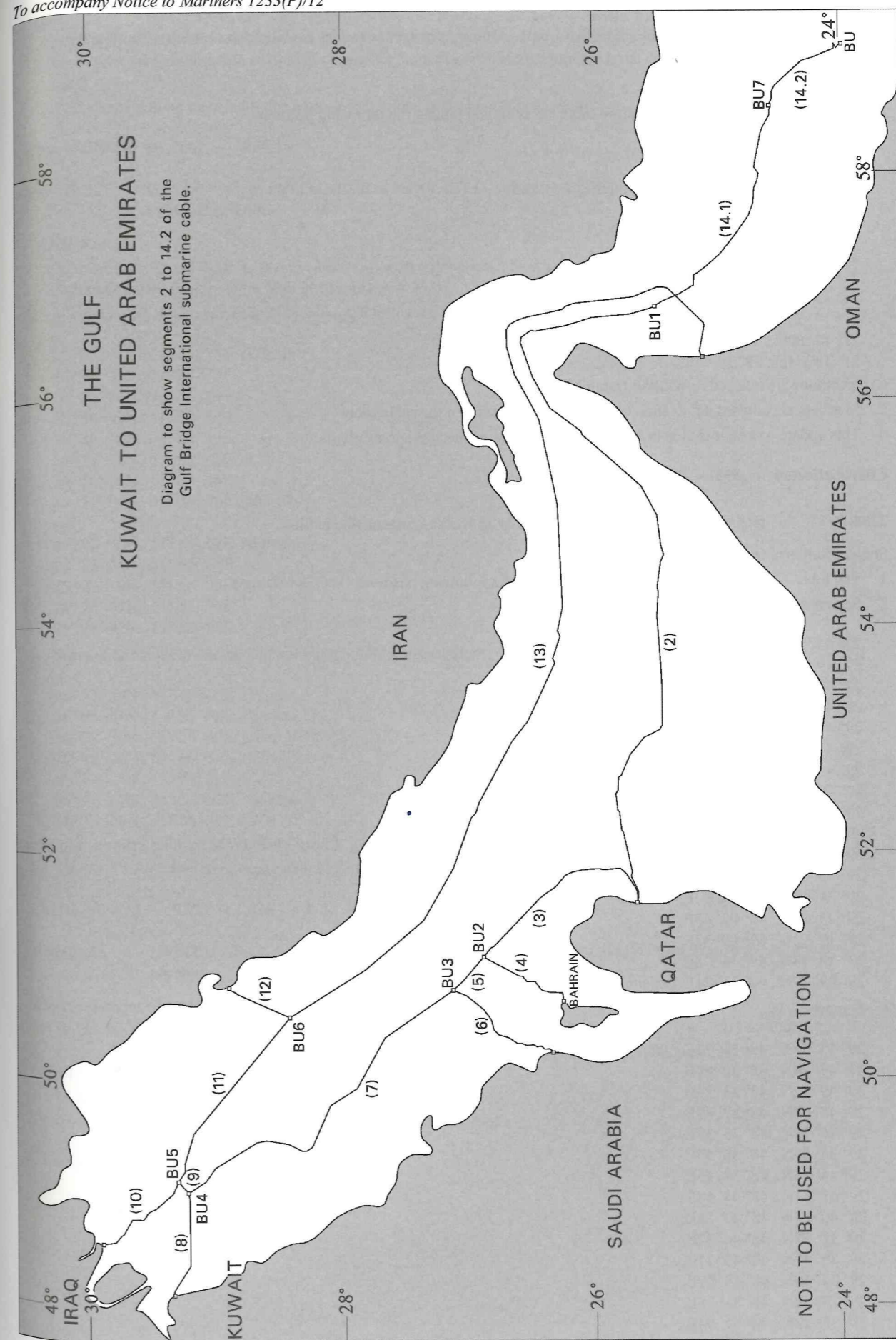
*Indicates new or revised entry.

1233(P)/12 KUWAIT - IRAQ - IRAN - SAUDI ARABIA - BAHRAIN - QATAR - UNITED ARAB EMIRATES - Submarine cables. (continued)

- 17. This update will be included in the next New Editions of the appropriate charts.
- 18. Former Notice 4562(P)/11 is cancelled.

Charts affected — 707 — 1229 — 2441 — 2523 — 2837 — 2847 — 2858 — 3171 — 3412 — 3950

To accompany Notice to Mariners 1233(P)/12



1903(P)/12 SAUDI ARABIA - Red Sea Coast - Outer Approaches to Minā' al Jeddah (Jiddah) - Submarine cable.

Source: TE SubCom

1. The TATA Jeddah Branch submarine cable has been laid joining the following positions:

21° 34'·58N., 39° 06'·56E. (shore)
21° 35'·43N., 39° 03'·70E.
21° 36'·39N., 38° 52'·80E.
21° 39'·36N., 38° 47'·42E.
21° 42'·06N., 38° 45'·33E.
21° 42'·47N., 38° 42'·95E.
21° 41'·95N., 38° 40'·40E.
21° 33'·58N., 38° 32'·93E.
21° 17'·53N., 38° 21'·15E.
21° 17'·00N., 38° 21'·76E.
21° 16'·74N., 38° 19'·20E.

(All positions are referred to WGS84 Datum)

2. Mariners are advised not to anchor or trawl in the vicinity of the cable route.
3. This update will be included in the next New Editions of the appropriate charts.

Charts affected — 158 — 2658 — 2659

2288(P)/12 IRAQ - Khawr 'Abd Allāh to Khawr al Kafka - Submarine cables.

Source: Reliance Globalcom (UK) Ltd

1. The FALCON Cable System has been laid joining the following positions (WGS84 Datum):
2. Segment 7.2:

29° 54'·78N., 48° 30'·40E. (shore)
29° 49'·95N., 48° 31'·05E.
29° 49'·35N., 48° 31'·43E.
29° 48'·86N., 48° 32'·16E.
29° 47'·24N., 48° 34'·73E.
29° 41'·36N., 48° 44'·76E.
29° 41'·33N., 48° 45'·02E.
29° 40'·60N., 48° 45'·99E.
29° 39'·34N., 48° 47'·37E.
29° 37'·77N., 48° 48'·77E.
29° 36'·66N., 48° 49'·41E.
29° 35'·33N., 48° 50'·42E.
29° 31'·02N., 48° 54'·94E.
29° 23'·05N., 49° 02'·45E.
29° 17'·03N., 49° 09'·32E.
29° 10'·13N., 49° 16'·78E.
29° 09'·37N., 49° 17'·21E. (existing cable)

3. Segment 7.4:

29° 54'·78N., 48° 30'·20E. (shore)
29° 49'·94N., 48° 30'·84E.
29° 49'·32N., 48° 31'·24E.
29° 48'·53N., 48° 32'·49E.
29° 46'·08N., 48° 35'·37E.
29° 45'·55N., 48° 36'·53E.
29° 44'·46N., 48° 38'·45E.
29° 41'·31N., 48° 44'·58E.
29° 40'·47N., 48° 44'·88E.
29° 38'·57N., 48° 44'·82E.
29° 35'·49N., 48° 45'·21E.
29° 34'·50N., 48° 45'·09E.
29° 24'·58N., 48° 51'·35E.
29° 13'·12N., 48° 57'·94E.
29° 09'·50N., 48° 58'·51E. (existing cable)

2288(P)/12 IRAQ - Khawr 'Abd Allāh to Khawr al Kafka - Submarine cables. (continued)

4. To simplify this notice as much as possible only a minimum selection of geographical positions have been listed. Because of this, mariners are advised not to anchor or trawl within at least three miles of the general course of the submarine cable.
5. This update will be included in the next New Editions of the appropriate charts.

Charts affected — 2847 — 2858

2947(P)/12 QATAR - North Field Gasfield to Ra's Laffān - Submarine pipelines. Submarine cables.

Source: RasGas

1. Submarine cable and pipeline laying works are underway between North Field Gasfield and Ra's Laffān, as part of the Barzan Offshore Project, from May 2012 to August 2013.
2. Submarine pipelines are being laid joining the following positions:

26° 35'·01N., 51° 51'·78E. (Barzan 1)
26° 28'·51N., 51° 54'·73E.
26° 27'·52N., 51° 54'·63E.
26° 26'·92N., 51° 52'·99E.
26° 26'·50N., 51° 52'·15E.
26° 17'·11N., 51° 45'·42E.
26° 15'·35N., 51° 38'·56E.
25° 56'·94N., 51° 30'·96E. (shore)
and
26° 22'·30N., 51° 56'·42E. (Barzan 3)
26° 23'·61N., 51° 55'·60E.
26° 25'·59N., 51° 55'·22E.
26° 26'·67N., 51° 53'·73E.
26° 26'·92N., 51° 52'·99E.

3. Submarine cables are being laid joining the following positions:

26° 37'·59N., 51° 59'·00E. (WH1)
26° 35'·01N., 51° 51'·78E. (Barzan 1)
26° 22'·30N., 51° 56'·42E. (Barzan 3)
26° 18'·46N., 52° 00'·77E. (WH-7)
and
26° 26'·69N., 51° 53'·97E. (Barzan 2)
26° 13'·60N., 51° 56'·32E. (WH-9)

(All positions are referred to WGS84 Datum)

4. Mariners are advised to navigate with caution in the area.

Charts affected — 2523 — 2886 — 3772 — 3950

3661(P)/12 UNITED ARAB EMIRATES - Fujairah (Fujayrah) - Works. Single Point Mooring. Submarine pipeline.

Source: Harbour Master, Port of Fujairah

1. Works are in progress until February 2013 to install SPM *FABCO F2*, in position 25° 17'·10N., 56° 24'·00E.
2. Dredging works and submarine pipeline installation will take place between the SPM and position 25° 17'·79N., 56° 22'·39E. (shore).
(All positions are referred to WGS84 Datum)
3. Charts 3709 and 3723 will be updated once works are completed.

Charts affected — 3709 — 3723

4001(P)/12 UNITED ARAB EMIRATES - Jazirat Dās - Anchorage areas. Reclamation area.

Source: ADNOC Petroleum Ports Authority

1. Land reclamation has taken place south of Jazirat Dās island (25° 09'·21N., 52° 52'·46E.) in an area bounded by the following positions:

25° 08'·87N., 52° 52'·20E. (shore)
 25° 08'·80N., 52° 52'·01E.
 25° 08'·75N., 52° 51'·92E.
 25° 08'·71N., 52° 51'·87E.
 25° 08'·64N., 52° 51'·89E.
 25° 08'·45N., 52° 52'·15E.
 25° 08'·10N., 52° 52'·58E.
 25° 07'·92N., 52° 52'·64E.
 25° 07'·56N., 52° 52'·57E.
 25° 07'·20N., 52° 52'·50E.
 25° 07'·11N., 52° 52'·56E.
 25° 07'·01N., 52° 52'·69E.
 25° 07'·02N., 52° 52'·87E.
 25° 07'·08N., 52° 52'·92E.
 25° 07'·63N., 52° 53'·01E.
 25° 07'·93N., 52° 53'·10E.
 25° 08'·04N., 52° 53'·01E.
 25° 08'·15N., 52° 52'·87E.
 25° 08'·34N., 52° 52'·85E.
 25° 08'·41N., 52° 52'·78E. (shore)

2. *The Jazirat Dās General Cargo anchorage area has been moved southwards and is now bounded by the following positions:

25° 07'·60N., 52° 53'·16E.
 25° 07'·20N., 52° 53'·70E.
 25° 07'·00N., 52° 53'·70E.
 25° 07'·00N., 52° 53'·18E.

3. *The Small Craft anchorage area centred on position 25° 08'·30N., 52° 53'·21E. has been removed.
4. *Eddies exist south of Jazirat Dās in the vicinity of position 25° 06'·70N., 52° 52'·78E.
 *Indicates a new or revised entry.
 (All positions are referred to WGS84 Datum)
5. This update will be included in the next New Edition of Chart 3413.
6. Former Notices 1910(P)/11 and 2284(P)/12 are cancelled.

Charts affected — 2837 — 3179 — 3413

4576(T)/12 KUWAIT - Deep Water Departure Channel - Mudayrah Reef North-westwards - Wreck. Buoy.

Source: MENAS Notices 53/12 & 56/12

1. A wreck, marked by a temporary special light-buoy, *Fl.Y.4s*, exists in position 28° 59'·8N., 48° 43'·0E. (WGS84 Datum).
2. Mariners are advised to navigate with caution in the area.

Charts affected — 2847 — 2882 — 2884 — 3773

5139(P)/12 SAUDI ARABIA - Red Sea Coast - Madinat Yanbu' aş Şinā'iyah and Minā' al Malik Fahd - Channel limits. Buoyage. Depths. Coastline. Berths.

Source: Saudi Ports Authority

1. The channel limits and associated buoyage in the approaches to the Port of Yanbu have been amended. The channel limits are marked by the following buoyage and beacons:

Designation	Characteristic	Charted Position	New Position
<i>East Limit:</i>			
No 2C	Q(6)+LFl.15s	23° 56'·80N., 38° 10'·54E.	Unchanged
No 4C	Fl(4)R.10s	23° 57'·63N., 38° 11'·14E.	23° 57'·64N., 38° 11'·15E.
No 6C	Q.R	23° 57'·92N., 38° 11'·24E.	23° 57'·93N., 38° 11'·23E.
No 8C	Fl.R.3s	23° 58'·14N., 38° 11'·22E.	23° 58'·11N., 38° 11'·28E.
No 10C	FLY	23° 58'·33N., 38° 11'·32E.	23° 58'·27N., 38° 11'·27E.
No 12C	Q.R	23° 58'·28N., 38° 11'·52E.	Unchanged
No 14C	Iso.R.2s	23° 58'·19N., 38° 11'·64E.	Unchanged
<i>West Limit:</i>			
No 1C	VQ(9)10s	23° 56'·62N., 38° 10'·68E.	Unchanged
No 5C	Fl(2)G.5s	23° 57'·34N., 38° 11'·24E.	Unchanged
No 7C	Q.G	23° 57'·85N., 38° 11'·49E.	23° 57'·88N., 38° 11'·51E.
No 9C	Q(9)15s	23° 57'·97N., 38° 11'·58E.	Unchanged
No 11C	Q.G	23° 58'·01N., 38° 11'·62E.	23° 58'·03N., 38° 11'·61E.
No 38	Iso.7s	23° 57'·97N., 38° 11'·67E.	Unchanged

2. A recent survey (May 2012) has been completed which indicates a general deepening of the channel. The most significant depths are as follows:

Depth	Position
21·4m	23° 56'·73N., 38° 10'·63E.
18·7m	23° 57'·65N., 38° 11'·37E.
14·3m	23° 57'·72N., 38° 11'·41E.
16·9m	23° 57'·88N., 38° 11'·43E.
14·8m	23° 58'·03N., 38° 11'·50E.

3. The following depths no longer exist:

Depth	Position
10·0m	23° 57'·64N., 38° 11'·37E.
7·8m	23° 57'·81N., 38° 11'·41E.
4·0m	23° 57'·87N., 38° 11'·43E.

4. The coastline has been extended south-west to the edge of the dredged area in the vicinity of the Bulk Terminal in position 23° 57'·19N., 38° 12'·94E. A new berth, No. 20, has been established in position 23° 57'·16N., 38° 13'·00E.
5. The Service Harbour in position 23° 57'·34N., 38° 13'·00E., is no longer dredged to 8·0m. Numerous depths less than charted exist in the vicinity, the most significant are as follows:

Depth	Position
4·2m	23° 57'·26N., 38° 12'·90E.
6·3m	23° 57'·34N., 38° 12'·97E.

6. Depths less than charted exist in the approaches to the Export Refinery Terminal, the most significant are as follows:

Depth	Position
13·4m	23° 57'·00N., 38° 13'·45E.
15·3m	23° 56'·89N., 38° 13'·36E.
15·9m	23° 56'·79N., 38° 13'·45E.

7. The depths alongside berths 71 and 72 at the NGL Terminal are as follows:

Berth 71	25·1m	23° 55'·79N., 38° 15'·23E.
Berth 72	24·7m	23° 55'·85N., 38° 14'·96E.

8. The following light-buoys have been moved:

Designation	Characteristic	Charted Position	New Position
AR1	VQ(9)10s	23° 55'·69N., 38° 15'·46E.	23° 55'·59N., 38° 15'·58E.
AR2	Q(9)15s	23° 55'·36N., 38° 15'·45E.	23° 55'·37N., 38° 15'·51E.

(All positions are referred to WGS84 Datum)

9. Mariners are advised to navigate with caution and to consult the local port authority for the latest information.

5139(P)/12 SAUDI ARABIA - Red Sea Coast - Madinat Yanbu' aş Şinā'iyah and Minā' al Malik Fahd - Channel limits. Buoyage. Depths. Coastline. Berths. (continued)

10. These changes will be included in the next New Edition of Chart 328.

Chart affected — 328

5334(P)/12 SAUDI ARABIA - East Coast - Approaches to Ad Dammām (Minā' al Malik 'Abd al 'Aziz) - Dredging areas. Buoyage. Works. Anchorage area.

Source: Kingdom of Saudi Arabia Ports Authority

- *Dredging works to deepen the Ad Dammām Approach Channel (26° 37'·00N., 50° 14'·50E.), the Holding Anchorage (26° 32'·90N., 50° 10'·45E.) and the northern part of the West Basin (26° 30'·30N., 50° 11'·65E.) are in progress until further notice.
- *Buoyage may be moved while dredging works are in progress and the limits of the above areas may be temporarily changed.
- A special light buoy, *Q.Y. Y2*, has been established in position 26° 30'·61N., 50° 12'·67E. to mark the limit of the dredged area.
- *Works are in progress to construct a new container terminal within the West Basin joining the following positions:

26° 30'·29N., 50° 11'·52E.
26° 31'·50N., 50° 11'·80E.

- *An outer anchorage area for vessels with a draught of more than 10m has been established within an area bounded by the following positions:

26° 36'·80N., 50° 16'·00E.
26° 36'·80N., 50° 18'·00E.
26° 36'·00N., 50° 18'·00E.
26° 36'·00N., 50° 16'·70E.

- *Mariners should contact 'Dammām Port Control' on Channel 16 for further instructions before entering the outer anchorage or approach channel.
- Mariners are advised to exercise extreme caution and to obey signals exhibited by the dredgers.
- Charts will be updated when the works are complete.
* Indicates new or revised entry.
(All positions are referred to WGS84 Datum)
- Former Notice 4087(P)/11 is cancelled.

Charts affected — 3777 — 3788 — 3790 — 3812

5459(P)/12 UNITED ARAB EMIRATES - Dubai - Palm Jebel Ali, The World Project and Palm Deira - Buoyage. Restricted areas.

Source: Dubai Maritime City Authority

- Buoyage marking the restricted area, entry prohibited, surrounding Palm Jebel Ali has been amended. The existing buoyage has been replaced by special purpose light-buoys in the following positions:

Designation	Position	Buoy type
PJAZ1	24° 55'·80N., 54° 52'·84E.	Special mark pillar
PJAZ2	24° 57'·04N., 54° 52'·15E.	Special mark pillar
PJAZ3	24° 58'·27N., 54° 51'·46E.	Special mark pillar
PJAZ4	24° 59'·66N., 54° 51'·22E.	Special mark pillar
PJAZ5	25° 01'·04N., 54° 50'·99E.	Special mark pillar
PJAZ6	25° 02'·45N., 54° 50'·75E.	Special mark pillar
PJAZ7	25° 03'·85N., 54° 50'·51E.	Special mark pillar
PJAZ8	25° 03'·86N., 54° 51'·89E.	Special mark pillar
PJAZ9	25° 03'·86N., 54° 53'·27E.	Special mark pillar
PJAZ10	25° 03'·86N., 54° 54'·65E.	Special mark pillar
PJAZ11	25° 03'·87N., 54° 56'·04E.	Special mark pillar
PJAZ12	25° 03'·87N., 54° 57'·42E.	Special mark pillar
PJAZ13	25° 03'·88N., 54° 58'·80E.	Special mark pillar
PJAZ14	25° 02'·87N., 54° 59'·88E.	Special mark pillar
PJAZ15	25° 01'·98N., 55° 00'·84E.	Special mark pillar
PJAZ16	25° 01'·06N., 55° 01'·90E.	Special mark pillar
PJAZ17	25° 00'·14N., 55° 01'·73E.	Special mark pillar

5459(P)/12 UNITED ARAB EMIRATES - Dubai - Palm Jebel Ali, The World Project and Palm Deira - Buoyage. Restricted areas. (continued)

- The limit of the restricted area, entry prohibited, marking The World Project has been amended and the buoyage replaced. The amended restricted area is marked by the following light-buoys:

Designation	Position	Buoy type
TWZ1	25° 16'·34N., 55° 10'·14E.	Special mark pillar
TWZ2	25° 16'·1N., 55° 11'·9E.	Special mark pillar
TWZ3	25° 15'·0N., 55° 12'·7E.	Special mark pillar
TWZ4	25° 12'·9N., 55° 12'·7E.	Special mark pillar
TWZ5	25° 12'·0N., 55° 12'·0E.	Special mark pillar
TWZ6	25° 11'·1N., 55° 11'·1E.	Special mark pillar
TWZ7	25° 10'·63N., 55° 10'·18E.	Special mark pillar
TWZ8	25° 10'·45N., 55° 09'·08E.	Special mark pillar
TWZ9	25° 10'·8N., 55° 08'·0E.	Special mark pillar
TWZ10	25° 11'·8N., 55° 07'·1E.	Special mark pillar
WIWC	25° 15'·0N., 55° 07'·1E.	West cardinal buoy
TWZ11	25° 15'·22N., 55° 07'·63E.	Special mark pillar
WINC	25° 16'·1N., 55° 08'·9E.	North cardinal buoy

- Numerous light-beacons and light-buoys have been established around The World Project marking the breakwater and the entrance channels.
- Buoyage marking the restricted area, entry prohibited, surrounding Palm Deira has been amended. The existing buoyage has been replaced by light-buoys in the following positions:

Designation	Position	Buoy type
PDA1	25° 18'·23N., 55° 16'·77E.	Port-hand pillar
PDA2	25° 18'·43N., 55° 16'·08E.	Port-hand pillar
PDA3	25° 18'·37N., 55° 15'·29E.	Port-hand pillar
PDA4	25° 18'·50N., 55° 14'·52E.	Port-hand pillar
PDA5	25° 18'·49N., 55° 13'·90E.	Port-hand pillar
PDZ1	25° 18'·49N., 55° 13'·29E.	Special mark pillar
PDA6	25° 18'·99N., 55° 12'·66E.	Port-hand pillar
PDA7	25° 19'·50N., 55° 12'·05E.	Port-hand pillar
PDA8	25° 19'·99N., 55° 11'·55E.	Port-hand pillar
PDZ2	25° 20'·47N., 55° 11'·05E.	Special mark pillar
PDA9	25° 21'·65N., 55° 11'·05E.	Port-hand pillar
PDA10	25° 22'·86N., 55° 11'·05E.	Port-hand pillar
PDZ3	25° 23'·84N., 55° 11'·04E.	Special mark pillar
PDZ4	25° 23'·85N., 55° 11'·94E.	Special mark pillar
PDZ5	25° 23'·86N., 55° 12'·88E.	Special mark pillar
PDZ6	25° 23'·86N., 55° 13'·81E.	Special mark pillar
PDZ7	25° 23'·85N., 55° 14'·71E.	Special mark pillar
PDE1	25° 23'·19N., 55° 15'·54E.	Starboard-hand pillar
PDE2	25° 22'·52N., 55° 16'·64E.	Starboard-hand pillar
PDE3	25° 21'·96N., 55° 17'·37E.	Starboard-hand pillar
PDE4	25° 20'·91N., 55° 18'·36E.	Starboard-hand pillar
PDE5	25° 20'·48N., 55° 18'·88E.	Starboard-hand pillar
PDE6	25° 19'·84N., 55° 19'·69E.	Starboard-hand pillar

(All positions are referred to WGS84 Datum)

- Mariners are advised to navigate with caution in these areas and consult the local authorities for the latest information.
- Charts will be updated when full details become available. This update will be included in a New Edition of Chart 3739 to be published 13 December 2012.

Charts affected — 3175 — 3176 — 3412 — 3414

5732(P)/12 ARABIAN SEA - RED SEA - Submarine cables.

Source: Tyco Telecommunications

- Segments 13 to 17 of the SEACOM submarine cable have been laid joining the following positions (WGS84 Datum). The cable route is shown on the accompanying diagram.

5732(P)/12 ARABIAN SEA - RED SEA - Submarine cables. (continued)

2. Segment 13 - Arabian Sea to Gulf of Aden

- 15° 25'·46N., 60° 20'·55E.
- 15° 32'·66N., 56° 55'·45E.
- 15° 12'·33N., 54° 15'·35E.
- 14° 28'·27N., 52° 11'·61E.
- 14° 29'·24N., 51° 55'·49E.
- 13° 55'·68N., 50° 40'·36E.
- 14° 08'·92N., 50° 06'·77E.
- 12° 37'·31N., 45° 39'·28E.
- 12° 22'·99N., 45° 31'·98E.
- 12° 10'·06N., 43° 49'·07E.

3. Segment 14 - Gulf of Aden to Djibouti

- 12° 10'·05N., 43° 49'·07E.
- 11° 34'·44N., 43° 09'·72E. (shore)

4. Segment 15 and 16 - Gulf of Aden to Jeddah Westwards

- 12° 10'·06N., 43° 49'·07E.
- 12° 35'·43N., 43° 19'·22E.
- 12° 39'·66N., 43° 20'·70E.
- 12° 52'·26N., 43° 17'·98E.
- 13° 19'·61N., 42° 57'·67E.
- 13° 36'·78N., 42° 40'·31E.
- 14° 09'·78N., 42° 34'·53E.
- 14° 30'·57N., 42° 15'·66E.
- 15° 19'·86N., 41° 52'·20E.
- 15° 57'·54N., 41° 46'·74E.
- 17° 00'·25N., 40° 48'·44E.
- 17° 51'·90N., 40° 30'·30E.
- 19° 14'·16N., 39° 40'·24E.
- 21° 03'·91N., 38° 25'·08E.
- 21° 16'·74N., 38° 19'·20E.
- 21° 15'·85N., 38° 22'·46E.

5. Segment 17 - Jeddah Westwards to Râs Za'farâna

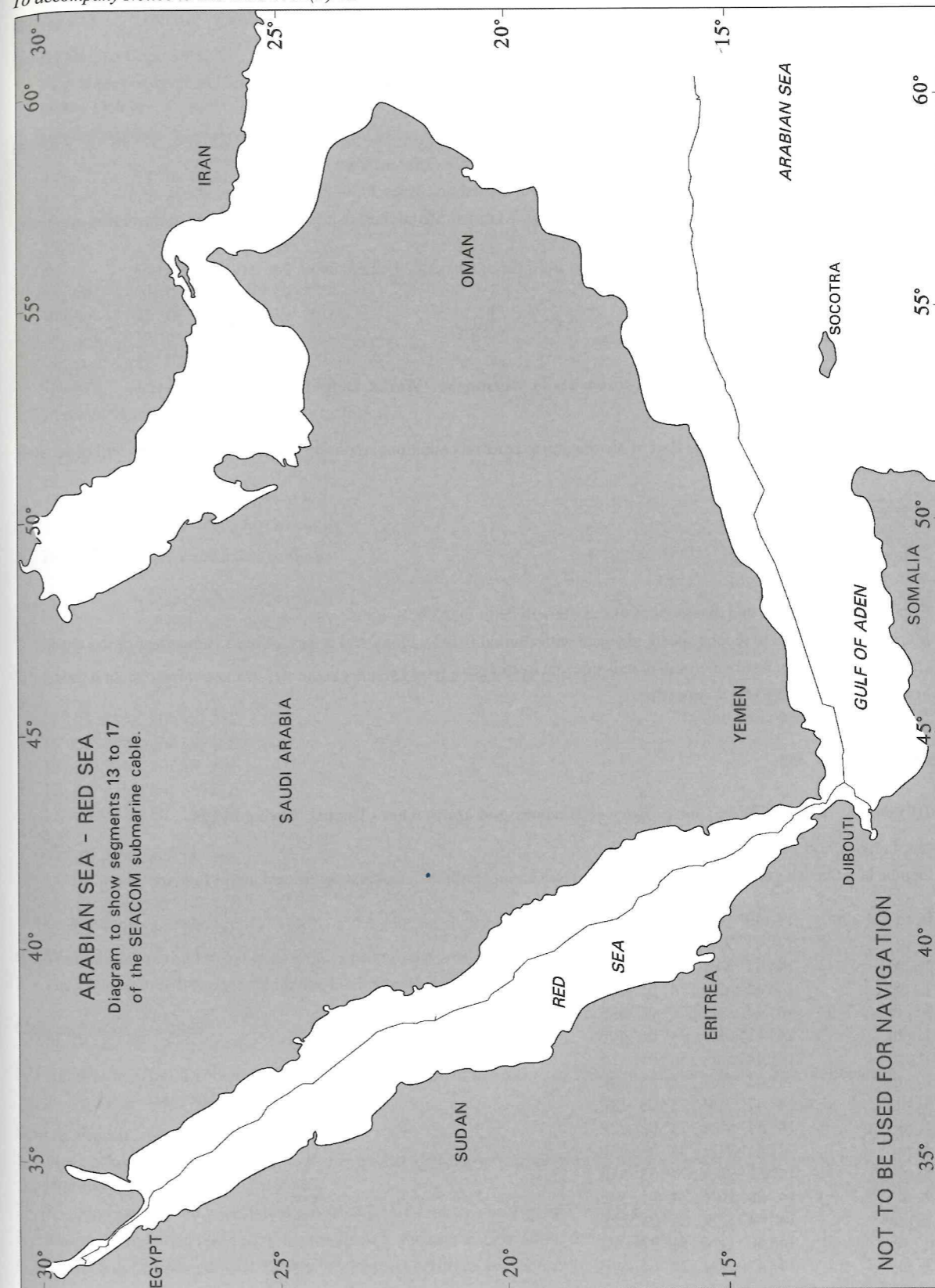
- 21° 16'·74N., 38° 19'·20E.
- 22° 29'·14N., 38° 05'·11E.
- 24° 01'·49N., 36° 50'·48E.
- 24° 14'·49N., 36° 49'·55E.
- 24° 55'·90N., 36° 22'·62E.
- 25° 13'·02N., 35° 59'·09E.
- 25° 40'·27N., 35° 47'·06E.
- 27° 32'·85N., 34° 20'·41E.
- 27° 41'·32N., 33° 55'·81E.
- 28° 16'·98N., 33° 31'·27E.
- 28° 34'·27N., 33° 06'·25E.
- 29° 09'·04N., 32° 48'·37E.
- 29° 03'·24N., 32° 43'·00E.
- 29° 04'·74N., 32° 39'·12E. (shore)

6. To simplify this Notice as much as possible, only a minimum number of geographical positions have been listed. Because of this, mariners are advised not to anchor or trawl within at least three miles of the general course of the submarine cable.

7. This update will be included in the next New Editions of the appropriate charts.

Charts affected — 6 — 12 — 15 — 143 — 157 — 158 — 159 — 164 — 333 — 452 — 453 — 1925 — 2373 — 2374 — 2375 — 2659 — 2970 — 3661 — 4705

To accompany Notice to Mariners 5732(P)/12



4850(P)/05 INDIA - East Coast - The Pilots Ridge to Nizāmpatnam Bay - Depths.

Source: Indian Charts 352, 353 & 355

1. Indian charts show changes to depths along the east coast of India from The Pilots Ridge (20° 45'·0N., 87° 30'·0E.) to Nizāmpatnam Bay (15° 35'·0N., 80° 30'·0E.) which are significantly different from charted detail.
2. All significant new depths of less than 30 metres are included on Charts 2060, 2061, 2062 and 2063.
3. For details of changes to depths deeper than 30 metres, Mariners are advised to consult latest charts of the region produced by the National Hydrographic Office of India.
4. These changes will be included in the next New Editions of Charts 829, 2058, 2060, 2061, 2062 and 2063.
5. Former Notice 3319(P)/02 is cancelled.

Chart affected — 829

4669(P)/08 INDIA - West Coast - Approaches to Mormugao - Works. Dolphins. Lights.

Source: Indian Notice 14/401(P)/2008

1. Works are in progress within the Port of Mormugao to construct additional mooring dolphins. The dolphins will be located in the following positions:

15° 25'·28N., 73° 47'·90E.

15° 25'·03N., 73° 48'·16E.

15° 25'·17N., 73° 48'·05E.

*15° 24'·56N., 73° 48'·70E.

2. Construction pontoons and obstructions at the site will be lit by Fl.R.2s lights.
3. Mariners are advised to reduce speed, navigate with caution in the vicinity and to pass at least 100m clear of the works.
4. Chart 492 will be updated when full details become available.
5. Former Notice 3080(P)/08 is cancelled.
* Indicates new or revised entry.

Chart affected — 492

5751(P)/08 INDIA - West Coast - Kārwar Harbour and approaches - Depths. Drying height.

Source: Indian Chart 2008

1. Depths less than charted exist in the approaches to Kārwar Harbour. The most significant are as follows:

0₆ m 14° 50'·14N., 74° 06'·86E.1₃ m 14° 47'·96N., 74° 06'·87E.

10 m 14° 47'·34N., 74° 05'·73E.

10 m 14° 47'·43N., 74° 05'·80E.

15₁ m 14° 44'·34N., 74° 06'·39E.15₅ m 14° 43'·68N., 74° 06'·40E.16₆ m 14° 44'·53N., 74° 05'·11E.17₁ m 14° 43'·75N., 74° 05'·38E.3₂ m 14° 47'·21N., 74° 05'·12E.4₁ m 14° 51'·68N., 74° 06'·02E.4₉ m 14° 51'·21N., 74° 06'·05E.5₈ m 14° 50'·90N., 74° 05'·53E.9₉ m 14° 49'·20N., 74° 03'·39E.12₃ m 14° 44'·17N., 74° 08'·22E.0₁ m 14° 50'·11N., 74° 07'·01E.2₁ m 14° 47'·86N., 74° 04'·69E.

2. Mariners should navigate with caution and obtain the latest details from the port authority.
3. These changes will be included in the next New Edition of Chart 3464

Chart affected — 3464

6038(P)/08 INDIA - East Coast - Chennai (Madras) - Depths. Dredged depths. Berths. Works.

Source: Indian Chart 3004

1. Numerous changes to charted detail have taken place in Chennai Harbour and approaches. All positions are referred to Indian Datum.
2. Depths less than charted exist in the approaches to Chennai. The most significant are as follows:

9₉ m 13° 09'·01N., 80° 20'·30E.12₂ m 13° 09'·00N., 80° 19'·93E.12₅ m 13° 08'·90N., 80° 20'·26E.13₄ m 13° 08'·83N., 80° 19'·72E.12₃ m 13° 07'·65N., 80° 19'·60E.14₆ m 13° 06'·51N., 80° 18'·82E.14₉ m 13° 06'·27N., 80° 19'·20E.14₈ m 13° 06'·06N., 80° 19'·36E.14₉ m 13° 05'·98N., 80° 19'·25E.13₉ m 13° 05'·88N., 80° 19'·17E.

3. Dredged depths have been amended as follows:

12.0m 13° 05'·55N., 80° 18'·03E.

13.4m 13° 06'·28N., 80° 18'·04E.

13.4m 13° 06'·08N., 80° 17'·98E.

11.0m 13° 05'·87N., 80° 17'·88E.

4. Berths have been amended as follows:

No 1 13° 06'·36N., 80° 18'·04E.

No 2 13° 06'·24N., 80° 18'·04E.

No 3 13° 06'·11N., 80° 18'·01E.

5. Areas under construction exist in areas bounded by the following positions:

13° 05'·82N., 80° 18'·27E.

13° 05'·79N., 80° 18'·30E.

13° 05'·74N., 80° 18'·30E.

13° 05'·45N., 80° 18'·22E.

13° 05'·38N., 80° 18'·10E.

and

13° 05'·98N., 80° 18'·44E.

13° 05'·96N., 80° 18'·36E.

13° 05'·82N., 80° 18'·31E.

13° 05'·60N., 80° 18'·32E.

6. Mariners are advised to navigate with caution in the area.
7. These changes will be included in the next New Edition of Chart 574.

Chart affected — 2069

2314(P)/09 INDIAN OCEAN - La Réunion - Cap la Houssaye to Pointe de l'Étang-Salé - Marine Reserve. Buoyage.

Source: French Notice 13/7(P)/09

1. Work to mark La Réunion Marine Reserve with light-buoys is underway on the west coast of La Réunion between Cap la Houssaye and Pointe de l'Étang-Salé.
2. 26 light-buoys are to be installed of which 20 are already installed and working.
3. Mariners are advised that entry is prohibited to the sanctuaries within the marine reserve.
4. Charts will be updated when further information becomes available.

Chart affected — 1497

5379(T)/10 INDIAN OCEAN - Mid-Indian Ocean Basin - Data buoy.

Source: NOAA

1. The National Oceanic and Atmospheric Administration (NOAA) is maintaining a climate research buoy in the Equatorial Indian Ocean.
2. The yellow buoy (2m toroid buoy) with radar reflector, is located in position 11° 59'·8S., 80° 29'·6E. (WGS84 Datum).

5379(T)/10 INDIAN OCEAN - Mid-Indian Ocean Basin - Data buoy. (continued)

3. Mariners are advised to give this research buoy a 5 nautical mile wide berth.

Charts affected — 4707 — 4714

344(P)/11 INDIAN OCEAN - Rodriguez Island - Mathurin Bay - Reefs. Depths. Channels. Beacons. Light-beacons.

Source: Indian Charts 2504, 2505 & UKHO

- Changes to coral reefs, depths and channels, beacons and light-beacons have been observed.
- All positions are quoted by bearing and distance from the Observatory at Point Venus in the vicinity of position 19° 40' 21"S., 63° 25' 38"E., north-east of Port Mathurin.
- The minimum depth on the leading line through Western Pass is 6.4m (3.5 fthms). Mariners are advised to follow the lead closely as the entrance appears to have narrowed.
- The approach channel to Port Mathurin has been widened and the navigational aids have been moved accordingly. The minimum depth within the channel is 8.5m (28ft). Mariners should approach the channel with caution as the southern coral bank has extended northwards to position 335°/4.5 cables and a drying patch exists to the north in position 008°/4 cables.
- The most significant depths less than charted are as follows:

Depths	Position
9.6m (5 fthm)	332°/17.7 cables
9m (4.75 fthm)	332°/13.3 cables
14.4m (7.75 fthm)	304°/11.5 cables
11.2m (6 fthm)	308°/10.8 cables
13.8m (7.5 fthm)	313°/10.3 cables
15.7m (8.5 fthm)	313°/9 cables

- Mariners are reminded that the differences between satellite-derived positions and positions on this chart cannot be determined and may be significant to navigation. Mariners advised to exercise great caution when approaching the shore or navigating in the vicinity of dangers.
- These and other changes will be included in the next New Edition of Chart 715.

Chart affected — 715

1270(T)/11 INDIA - West Coast - Gulf of Khambhāt - Mithivirdi South-eastwards - Buoy.

Source: Indian Notice 4/81(T)/11

- An orange wave rider buoy, *Fl(5).Y.20s*, has been established, until 3 February 2012, in position 21° 27' 33"N., 72° 15' 33"E. (Indian Datum).
- All vessels are advised not to navigate in the vicinity and to keep at least 500m from the buoy.

Chart affected — 1486

1422(P)/11 INDIAN OCEAN - Mozambique and Madagascar - Mozambique Channel - Depths.

Source: SHOM, French Hydrographic and Oceanographic Service

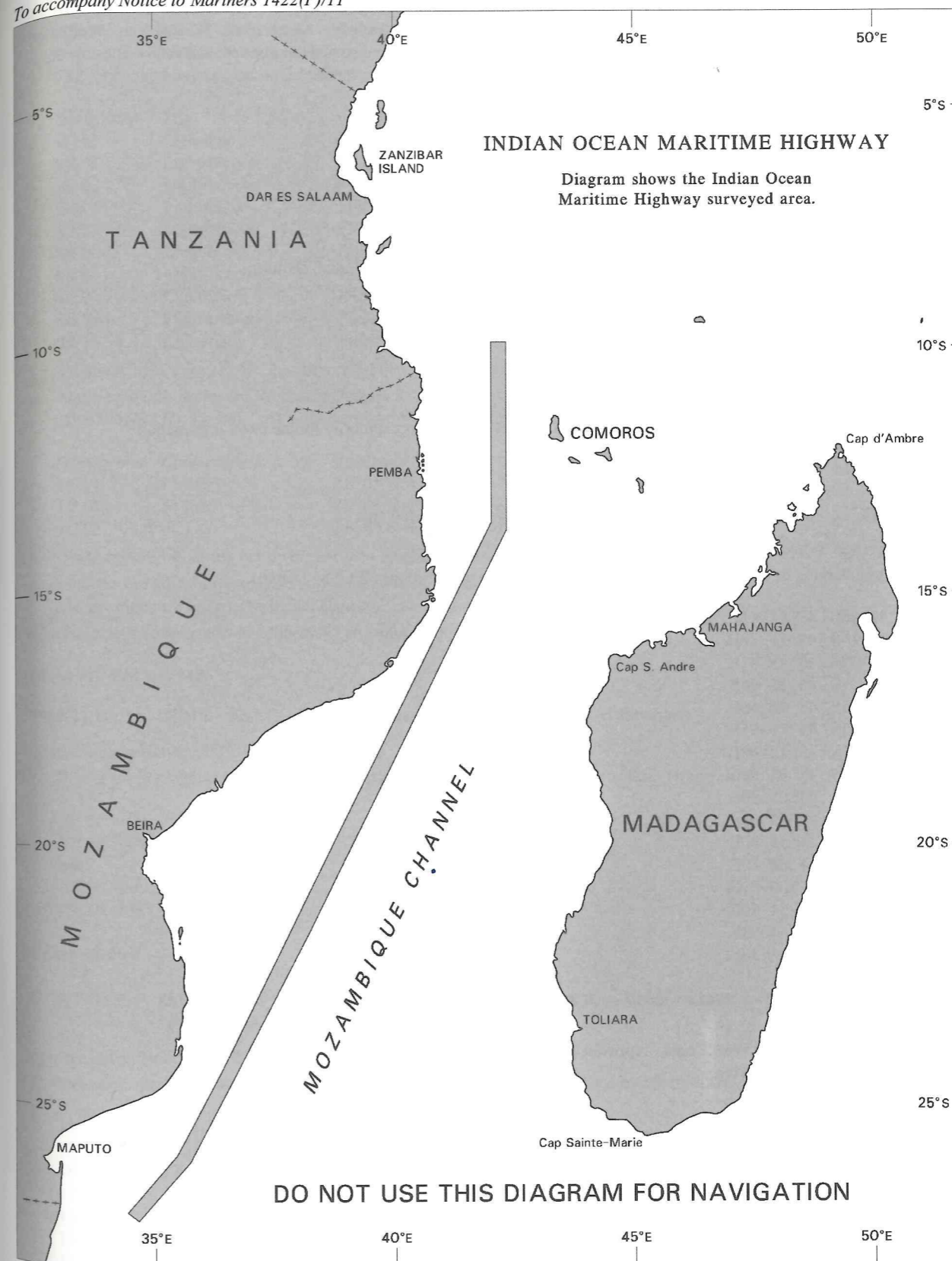
- A bathymetric survey has taken place in the Mozambique Channel for the area to be known as the Indian Ocean Maritime Highway. The area of the survey is shown in the accompanying diagram and extends approximately 10 miles either side of a centreline joining the following positions (WGS84 Datum):

9° 53' 3S., 42° 11' 6E.
 13° 22' 4S., 42° 15' 4E.
 25° 57' 2S., 35° 36' 5E.
 27° 05' 6S., 34° 32' 9E.

- This survey will be included on GB Charts 2926, 2931, 2933 and 2939, to be published in September 2011, and will be included in GB ENC's GB302926, GB302931, GB302933 and GB302939, to be published in April 2011.
- Remaining charts will be corrected at the next new edition.

Charts affected — 648 — 1810 — 2949 — 3300 — 3877

To accompany Notice to Mariners 1422(P)/11



2203(P)/11 INDIA - East Coast - Hugli River - Western Channel - Buoyage. Light-vessel. Works.

Source: Indian Notices 6/105/11 & 8/145(T)/11

- Due to severe shoaling in the existing channels to Haldia Port, Kolkata Port Trust intends to open Western Channel for shipping between positions 21° 05' 01"N., 87° 50' 41"E. and 21° 45' 60"N., 87° 57' 70"E.
- Western Channel is now marked by red and green light-buoys, with an orange light-vessel in position 21° 05' 01"N., 87° 50' 41"E.
- Works are currently in progress to remove obstructions in the vicinity of position 21° 45' 60"N., 87° 57' 70"E.

2203(P)/11 INDIA - East Coast - Hugli River - Western Channel - Buoyage. Light-vessel. Works. (continued)

4. Mariners are strongly advised not to navigate through Western Channel and consult appropriate local authorities for the latest information.

(All positions are referred to Indian Datum).

5. Mariners will be advised when Western Channel is open to navigation.

Charts affected — 123 — 136

2921(T)/11 INDIA - West Coast - Mormugao - Dredged area.

Source: Indian Notice 7/123(T)/11

1. Dredging is in progress, within an area bounded by the following positions (Indian Datum):

15° 25'·11N., 73° 47'·55E.

15° 25'·03N., 73° 47'·72E.

15° 24'·88N., 73° 47'·72E.

15° 25'·04N., 73° 47'·88E.

15° 25'·12N., 73° 47'·61E.

2. Mariners are advised to navigate with caution and consult the local port authority for the latest information.

Chart affected — 492

3287(T)/11 INDIAN OCEAN - Comores - Ile de Mayotte - Fish havens.

Source: French Notice 21/32/11

1. Fish aggregating devices have been established in the following positions (WGS84 Datum):

12° 42'·96S., 45° 21'·65E.

12° 39'·16S., 45° 16'·48E.

12° 49'·59S., 45° 19'·41E.

12° 49'·41S., 45° 22'·74E.

13° 01'·55S., 45° 18'·15E.

13° 02'·62S., 45° 14'·95E.

13° 04'·67S., 45° 12'·08E.

13° 06'·26S., 45° 07'·09E.

13° 04'·30S., 45° 01'·90E.

13° 02'·95S., 44° 59'·03E.

12° 48'·40S., 44° 55'·80E.

12° 44'·00S., 44° 56'·80E.

12° 30'·12S., 45° 02'·01E.

12° 33'·17S., 44° 54'·70E.

12° 37'·15S., 44° 54'·23E.

12° 38'·70S., 44° 54'·30E.

Charts affected — 563 — 2741 — 2756 — 2757

5458(P)/11 INDIA - West Coast - Approaches to Hāzira - Channel. Buoyage. Light-beacons. Dredged area.

Source: Indian Notice 20/236(P)/11

1. Port channel, 230 metres wide and dredged to 8·0 metres has been established joining the following positions:

21° 01'·68N., 72° 39'·28E.

21° 03'·37N., 72° 39'·70E.

21° 03'·47N., 72° 39'·72E.

21° 03'·58N., 72° 39'·72E.

21° 05'·32N., 72° 39'·72E.

21° 05'·32N., 72° 39'·59E.

21° 03'·58N., 72° 39'·59E.

21° 03'·49N., 72° 39'·58E.

21° 03'·40N., 72° 39'·57E.

21° 01'·71N., 72° 39'·16E.

5458(P)/11 INDIA - West Coast - Approaches to Hāzira - Channel. Buoyage. Light-beacons. Dredged area. (continued)

2. The following buoyage and light-beacons are being established to mark the channel:

Designation	Type	Characteristic	Position
SR 01	Light-buoy	Fl(2)G.5s	21° 01'·67N., 72° 39'·32E.
SR 02	Light-buoy	Fl(2)R.5s	21° 01'·72N., 72° 39'·13E.
SR 03	Light-beacon	Fl.G.10s	21° 02'·57N., 72° 39'·55E.
SR 04	Light-buoy	Fl.R.10s	21° 02'·61N., 72° 39'·38E.
SR 05	Light-beacon	Fl(2)G.10s	21° 03'·36N., 72° 39'·74E.
SR 06	Light-buoy	Fl(2)R.10s	21° 03'·40N., 72° 39'·57E.
SR 07	Light-beacon	Fl.G.5s	21° 04'·39N., 72° 39'·76E.
SR 08	Light-buoy	Fl.R.5s	21° 04'·39N., 72° 39'·59E.
SR 09	Light-beacon	Fl(2)G.5s	21° 05'·32N., 72° 39'·76E.
SR 10	Light-buoy	Fl(2)R.5s	21° 05'·33N., 72° 39'·58E.

3. A fairway light-buoy, *Fl.10s*, has been established in position 21° 01'·08N., 72° 39'·29E.

4. A turning circle, radius 0·25M and dredged to 8·0 metres, has been established centred on position 21° 05'·55N., 72° 39'·66E. and is marked by the following light-buoys:

Designation	Characteristic	Position
TC 01	<i>Fl.Y.4s</i>	21° 05'·45N., 72° 39'·79E.
TC 02	<i>Fl.Y.4s</i>	21° 05'·60N., 72° 39'·85E.
TC 03	<i>Fl.Y.4s</i>	21° 05'·74N., 72° 39'·74E.

5. Dredging will be carried out by *ms Essar* to increase the dredged depths to 10·0 metres.

6. Mariners are advised to navigate with caution in the area.

(All positions are referred to Indian Datum).

7. Charts will be updated when the works are complete.

Chart affected — 1486

5558(T)/11 INDIA - East Coast - Approaches to Karaikal - Works. Breakwaters.

Source: Indian Notice 21/241/11

1. Works are in progress to construct new breakwaters joining the following positions (Indian Datum):

10° 50'·04N., 79° 51'·43E.

10° 50'·14N., 79° 51'·71E.

and

10° 50'·50N., 79° 51'·42E.

10° 50'·40N., 79° 51'·70E.

Chart affected — 575

5779(T)/11 INDIA - West Coast - Mumbai (Bombay) and Approaches - Dredging areas. Spoil ground.

Source: Indian Notice 4/73(T)/10

1. Dredging operations are in progress at Mumbai port, within an area bounded by the following positions:

18° 54'·50N., 72° 53'·63E.

18° 54'·33N., 72° 53'·06E.

18° 54'·23N., 72° 52'·68E.

18° 54'·16N., 72° 52'·35E.

18° 54'·51N., 72° 52'·21E.

18° 55'·11N., 72° 51'·78E.

18° 55'·21N., 72° 51'·96E.

18° 54'·70N., 72° 52'·36E.

18° 54'·56N., 72° 53'·16E.

18° 54'·65N., 72° 53'·63E.

2. The dredged material will be disposed of at a spoil ground, centred on position 18° 55'·00N., 72° 42'·00E.

3. Mariners are requested to give dredging operations a wide berth and exercise caution when navigating in the area.

5779(T)/11 INDIA - West Coast - Mumbai (Bombay) and Approaches - Dredging areas.
Spoil ground. (continued)

4. Former Notice 2174(T)/10 is cancelled
(All positions are referred to WGS84 Datum)

Charts affected — 2622 — 2624 — 2630

339(P)/12 INDIA - East Coast - Ennore Northwards - Kattupalli Port - Works. Dredged area.
Buoyage.

Source: Indian Notice 24/281(P)/11

1. Works are in progress at Kattupalli Port (13° 18' 33N., 80° 21' 15E. (WGS84 Datum)).
2. New berths, breakwaters and facilities are being constructed and the approach channel and basin are being dredged.
3. Navigational buoys have been laid to mark the approach channel to Kattupalli Port.
4. Mariners are advised to contact local port authorities for further information.
5. Chart 317 will be updated when full details become available.

Chart affected — 317

581(T)/12 INDIA - East Coast - Kalingapatnam South-westwards - Data buoy.

Source: Navarea VIII 697/10

1. An orange data light-buoy, *FL.Y.20s*, has been established in position 18° 04' 00N., 83° 46' 33E. (WGS84 Datum).
2. Mariners are advised to navigate with caution and to keep at least 500m from the light-buoy.
3. Former Notice 5237(T)/11 is cancelled.

Charts affected — 319 — 320

1015(P)/12 INDIA - East Coast - Port of Ennore - Jetties. Buoy.

Source: Indian Notice 2/59(P)/12

1. *The following jetties have been constructed at the Port of Ennore:
2. *Chettinad International Coal Terminal, with a maximum alongside depth of 13.5m, joining the following positions:

13° 15' 85N., 80° 20' 21E.
13° 15' 85N., 80° 20' 39E.
13° 15' 83N., 80° 20' 39E.
13° 15' 83N., 80° 20' 21E.

3. *Sical Iron Ore Terminal, depths alongside are being dredged to 18m, joining the following positions:

13° 15' 87N., 80° 20' 22E.
13° 15' 87N., 80° 20' 41E.
13° 15' 85N., 80° 20' 41E.
13° 15' 85N., 80° 20' 22E.

4. *Multi Liquid Terminal, joining the following positions:

13° 16' 10N., 80° 20' 96E.
13° 16' 10N., 80° 20' 95E.
13° 16' 29N., 80° 20' 93E.
13° 16' 29N., 80° 20' 95E.
13° 16' 26N., 80° 20' 95E.
13° 16' 27N., 80° 21' 02E.
13° 16' 26N., 80° 21' 02E.
13° 16' 25N., 80° 20' 95E.

5. *A green light-buoy, *FL.G.3s*, has been established in position 13° 16' 48N., 80° 20' 74E.
6. *Dredging is in progress in the Port Ennore approach channel (13° 14' 67N., 80° 21' 16E.).
* Indicates new or revised entry.
(All positions are referred to WGS84 Datum)
7. Mariners are advised to navigate with caution in the area and to contact local port authorities for further information.
8. Former Notice 6961(P)/09 is cancelled.

Chart affected — 573

2286(P)/12 INDIA - West Coast - Kärwār Harbour - Kärwār Southwards - Buoyage.

Source: Indian Notice 8/117(P)/12

1. Work is in progress until the end of May 2012, within Kärwār Naval Harbour, to establish channel buoys in the following positions:

Buoy	Position
G1	14° 44' 35N., 74° 07' 62E.
R2	14° 44' 35N., 74° 07' 47E.
G3	14° 44' 96N., 74° 07' 62E.
R4	14° 44' 96N., 74° 07' 47E.
G5	14° 45' 57N., 74° 07' 62E.
R6	14° 45' 57N., 74° 07' 47E.
G7	14° 45' 77N., 74° 07' 69E.
R8	14° 45' 77N., 74° 07' 47E.

(All positions are referred to Indian Datum)

2. Mariners are advised to exercise caution and contact local port authorities for more information.

Chart affected — 3464

2289(T)/12 INDIA - East Coast - Vishakhapatnam Southwards - Explosive dumping ground.

Source: Indian Notice 8/116(T)/12

1. Unexploded ordnance has been reported in position 17° 05' 00N., 83° 25' 00E. (WGS84 Datum).
2. Mariners are advised to navigate with caution in the area.

Charts affected — 319 — 828 — 829

2689(P)/12 INDIA - West Coast - Approaches to Kochi (Cochin) and Port of Kochi (Cochin) - Dredging areas.
Buoyage. Anchorage areas. Pilot boarding places.

Source: Indian Notices 7/99/12 & 9/126(P)/12 & UKHO

1. The outer approach channel of the Port of Kochi (Cochin) has been extended by approximately 3NM. Dredging is in progress to deepen and widen the buoyed approach channel, centred on position 9° 58' 10N., 76° 13' 20E.
2. The light-buoys marking the approach channel, designations *No 1* to *No 10*, and fairway light-buoy, *FL.10s7m10M*, in position 9° 57' 83N., 76° 08' 82E. have been removed.
3. Starboard-hand pillar light-buoys, *FL.G.5s*, have been established in the following positions:

Designation	Position
<i>No 1</i>	9° 57' 62N., 76° 07' 10E.
<i>No 3</i>	9° 57' 70N., 76° 08' 28E.
* <i>No 5</i>	9° 57' 77N., 76° 09' 37E.
<i>No 7</i>	9° 57' 84N., 76° 10' 46E.
<i>No 9</i>	9° 57' 91N., 76° 11' 55E.
<i>No 11</i>	9° 57' 97N., 76° 12' 37E.
<i>No 13</i>	9° 58' 01N., 76° 13' 19E.
<i>No 15</i>	9° 58' 06N., 76° 14' 01E.

4. Port-hand pillar light-buoys, *FL.R.5s*, have been established in the following positions:

Designation	Position
<i>No 2</i>	9° 57' 77N., 76° 07' 09E.
<i>No 4</i>	9° 57' 84N., 76° 08' 27E.
<i>No 6</i>	9° 57' 91N., 76° 09' 36E.
<i>No 8</i>	9° 57' 98N., 76° 10' 45E.
<i>No 10</i>	9° 58' 06N., 76° 11' 54E.
<i>No 12</i>	9° 58' 11N., 76° 12' 36E.
<i>No 14</i>	9° 58' 16N., 76° 13' 18E.
<i>No 16</i>	9° 58' 25N., 76° 14' 27E.

2689(P)/12 INDIA - West Coast - Approaches to Kochi (Cochin) and Port of Kochi (Cochin) - Dredging areas, Buoyage. Anchorage areas. Pilot boarding places. (continued)

5. The restricted area, anchoring prohibited, centred on position 9° 57'·83N., 76° 07'·54E. has been removed. A restricted area, anchoring prohibited, has been established bounded by the following positions:

9° 58'·60N., 76° 03'·50E.
 9° 58'·60N., 76° 05'·50E.
 9° 56'·60N., 76° 05'·50E.
 9° 56'·60N., 76° 03'·50E.

6. An anchorage area for vessels with a draft of more than 12·0m has been established within an area bounded by the following positions:

9° 56'·60N., 76° 03'·50E.
 9° 56'·60N., 76° 05'·10E.
 9° 54'·10N., 76° 05'·10E.
 9° 54'·10N., 76° 03'·50E.

7. An anchorage area for vessels with a draft of less than 12·0m has been established within an area bounded by the following positions:

9° 56'·60N., 76° 06'·80E.
 9° 56'·60N., 76° 10'·60E.
 9° 54'·10N., 76° 10'·60E.
 9° 54'·10N., 76° 06'·80E.

8. The reported anchorage in position 9° 56'·50N., 76° 05'·50E. has been removed.
 9. The pilot boarding place in position 9° 57'·83N., 76° 08'·32E. has been removed.
 10. Pilot boarding places have been established in the following positions:

Pilot boarding place	Position
(N)	9° 58'·30N., 76° 08'·70E.
(S)	9° 57'·30N., 76° 08'·70E.
(W)	9° 57'·50N., 76° 05'·50E.

11. Dredging is in progress North of Emakulam Channel near the LNG jetty bounded by the following positions:

9° 58'·17N., 76° 13'·24E.
 9° 58'·22N., 76° 13'·49E.
 9° 58'·30N., 76° 13'·55E.
 9° 58'·35N., 76° 13'·63E.
 9° 58'·39N., 76° 13'·71E.
 9° 58'·44N., 76° 13'·81E.
 9° 58'·22N., 76° 13'·94E.

(All positions are referred to WGS84 Datum)

12. Mariners are advised to navigate with caution and contact the local port authority for information regarding the latest available depths within the maintained channels.
 13. Charts will be updated when full details are available.
 *Indicates new or revised entry.
 14. Former Notice 2522(P)/12 is cancelled.

Charts affected — 61 — 1565 — 1566

3622(T)/12 INDIA - East Coast - Andaman Sea - North Andaman Island Eastwards to Great Nicobar Island Eastwards - Buoyage.

Source: Indian Notice 6/94(T)/12

1. Fish Aggregating Devices (FADs) have been deployed and are marked by yellow buoys, *FL.Y.4s*, in the following positions:

Buoy	Position
1	11° 28'·48N., 92° 48'·74E.
2	11° 42'·35N., 93° 07'·05E.
3	12° 41'·00N., 93° 04'·24E.
4	12° 59'·55N., 93° 06'·54E.
5	13° 15'·65N., 93° 10'·09E.
6	10° 59'·10N., 92° 45'·16E.
7	9° 10'·49N., 92° 55'·16E.
8	7° 57'·20N., 93° 39'·56E.
9	6° 59'·45N., 94° 00'·06E.
10	10° 56'·17N., 92° 20'·46E.

2. Mariners are advised to navigate with caution in these areas and give the FAD buoys a 1 nautical mile wide berth. (All positions are referred to WGS84 Datum)

Charts affected — 825 — 840 — 842 — 1398 — 1419

4002(P)/12 INDIA - East Coast - Krishnāpatnam Port - Port developments.

Source: Indian Notice 15/199(P)/12

1. Extensive port developments are taking place within Krishnāpatnam Port limits. Details of the berths under construction are as follows:
 2. South Berth (S1), length 350m, will be established between positions 14° 14'·78N., 80° 07'·55E. and 14° 14'·81N., 80° 07'·35.
 3. North West Berth (NW1), length 350m, will be established between positions 14° 15'·26N., 80° 06'·48E. and 14° 15'·33N., 80° 06'·30E.
 (All positions are referred to WGS84 Datum)
 4. Mariners should contact the local port authorities for the latest information.

Chart affected — 569

4086(P)/12 PAKISTAN - Port Muhammad Bin Qasim and Approaches - Buoyage. Maintained channels. Lights. Depths. Reclamation area. Jetty.

Source: ENC PK4SC20Z

1. There have been numerous changes to buoyage and maintained depth areas within Port Muhammad Bin Qasim and its approaches north of latitude 24° 37'·00N.
 2. Light-buoys have changed within the channel between Qutub Point (24° 46'·98N., 67° 13'·90E.) and Korangi Fish Harbour (24° 48'·20N., 67° 12'·27E.)
 3. The following lights no longer exist:

Description	Position
FL.R.6s10m4M	24° 43'·30N., 67° 08'·70E.
Fl(2)Y.6s10m4M	24° 46'·95N., 67° 13'·70E.
Fl.Y.5s10m4M	24° 46'·57N., 67° 17'·38E.
Fl(2)Y.6s10m4M	24° 46'·99N., 67° 17'·67E.
Fl.Y.3s10m4M	24° 46'·24N., 67° 19'·38E.
Oc.Y.5s10m4M	24° 46'·14N., 67° 19'·70E.

4. Depths less than charted exist in the following positions:

0·6m (drying patch)	24° 45'·82N., 67° 12'·63E.
0·3m	24° 47'·88N., 67° 12'·31E.

4086(P)/12 PAKISTAN - Port Muhammad Bin Qasim and Approaches - Buoyage. Maintained channels. Lights. Depths. Reclamation area. Jetty. (continued)

5. Reclamation works are taking place within an area bounded by the following positions:

- 24° 46'·26N., 67° 19'·10E. (jetty)
- 24° 46'·10N., 67° 19'·28E.
- 24° 45'·96N., 67° 19'·14E.
- 24° 45'·84N., 67° 19'·30E.
- 24° 45'·84N., 67° 19'·67E.
- 24° 45'·87N., 67° 19'·72E. (jetty)

6. A new jetty has been established joining the following positions:

- 24° 47'·28N., 67° 16'·78E.
- 24° 48'·60N., 67° 17'·60E. (shore)

(All positions are referred to WGS84 Datum)

7. Chart 59 will be updated when full details are received.

Chart affected — 59

4211(T)/12 INDIAN OCEAN - Sumatera - Westwards - Scientific instruments.

Source: Australian Notice 17/870(T)/12

1. Scientific instruments, TRITON buoys, exist as follows:

Number	Position (WGS84 Datum)
*17	4° 56'·93S., 94° 58'·51E.
18	1° 39'·34S., 89° 59'·74E.
19	7° 59'·97S., 95° 02'·39E.
20	4° 57'·55S., 97° 17'·13E.

* Indicates new or revised entry.

2. Former Notice 4012(T)/12 is cancelled.

Charts affected — 2760 — 4707

4349(T)/12 INDIAN OCEAN - La Réunion - Approaches to La Réunion - Fish havens.

Source: French Notices 42/07(T)/07 & 4/06(T)/08 & French Chart 7328

1. Fish aggregating devices have been established in the following positions (WGS84 Datum):

20° 45'·5S., 55° 30'·0E.	20° 50'·4S., 55° 05'·4E.	*21° 09'·2S., 55° 10'·1E.
21° 02'·8S., 55° 02'·9E.	21° 25'·8S., 55° 33'·2E.	*21° 07'·0S., 55° 06'·6E.
21° 00'·5S., 55° 07'·5E.	20° 53'·6S., 55° 43'·8E.	*21° 10'·1S., 55° 14'·4E.
21° 20'·6S., 55° 22'·5E.	21° 07'·2S., 55° 54'·0E.	*21° 12'·7S., 55° 13'·2E.
21° 26'·9S., 55° 39'·8E.	21° 16'·1S., 55° 14'·1E.	*21° 20'·5S., 55° 13'·1E.
20° 49'·6S., 55° 38'·6E.	21° 02'·0S., 55° 46'·0E.	*21° 17'·3S., 55° 15'·4E.
21° 26'·3S., 55° 26'·0E.	20° 47'·0S., 55° 25'·3E.	*21° 20'·5S., 55° 21'·1E.
20° 56'·0S., 55° 05'·0E.	20° 49'·5S., 55° 33'·0E.	*21° 22'·6S., 55° 19'·5E.
20° 54'·4S., 55° 09'·8E.	21° 28'·0S., 55° 36'·0E.	*21° 22'·6S., 55° 26'·3E.
20° 50'·8S., 55° 20'·0E.	21° 21'·2S., 55° 08'·5E.	*21° 23'·2S., 55° 30'·2E.
20° 56'·8S., 55° 12'·5E.	21° 10'·9S., 55° 08'·0E.	*21° 26'·2S., 55° 33'·2E.
21° 09'·8S., 55° 05'·1E.	21° 24'·0S., 55° 21'·0E.	*21° 28'·0S., 55° 30'·1E.
20° 45'·0S., 55° 17'·0E.	*21° 27'·5S., 55° 39'·3E.	

* Indicates new or revised entry.

2. This list will be updated, as necessary, by Temporary Notice to Mariners.

3. Former Notice 1472(T)/08 is cancelled.

Charts affected — 712 — 1495 — 1497

4781(P)/12 INDIA - East Coast - Pārādīp Port (Pārādīp) - Dredging area.

Source: Indian Notice 14/185(T)/12

1. Dredging is in progress in Pārādīp Harbour (20° 16'·3N., 86° 40'·3E.(WGS84 Datum)) to deepen and extend the main navigational channel.

4781(P)/12 INDIA - East Coast - Pārādīp Port (Pārādīp) - Dredging area. (continued)

2. Mariners are advised to navigate with caution and consult the port authority for the latest information.

Chart affected — 538

4801(P)/12 BANGLADESH - Approaches to Chittagong - Chittagong Westwards to Sangu River Westwards - Wrecks.

Source: Bangladeshi Hydrographic & Oceanographic Centre

1. New wrecks have been located in the approaches to Chittagong in the following positions:

Swept Wreck	Position
2·5m	22° 15'·44N., 91° 45'·91E.
3·6m	22° 15'·19N., 91° 45'·82E.
3·2m	22° 21'·31N., 91° 44'·45E.
3·4m	22° 14'·16N., 91° 46'·52E.
8·4m	22° 14'·15N., 91° 45'·99E.
10·4m	22° 18'·21N., 91° 43'·08E.
10·6m	22° 15'·40N., 91° 43'·87E.
9·5m	22° 15'·55N., 91° 44'·31E.

2. There have also been numerous changes to wrecks between latitudes 22° 02'·0N. and 22° 22'·0N. and east of longitude 91° 40'·0E.

3. Mariners are advised to navigate with caution and consult the port authority for the latest information. (All positions are referred to WGS84 Datum)

4. These updates will be included in the next New Edition of Chart 84 and by Notice to Mariners for Chart 90.

Charts affected — 84 — 90

5096(T)/12 SRI LANKA - West Coast - Colombo Harbour and Approaches - Restricted area. Channels. Buoyage.

Source: Sri Lankan Ports Authority & mv *Maersk Sydney*

1. A restricted area, entry prohibited, has been established. Only vessels berthing at Colombo Harbour, visiting the offshore terminals or who have obtained permission from the Harbour Master may enter. The area is bounded by the following positions:

- 7° 03'·00N., 79° 51'·42E. (shore)
- 7° 03'·00N., 79° 45'·00E.
- 6° 52'·00N., 79° 45'·00E.
- 6° 52'·00N., 79° 51'·54E. (shore)

2. * A new deep water channel dredged to 20m has been established for vessels approaching and departing the Port of Colombo through the south-west channel. Buoyage is being laid on a trial basis for both the north and south channels.

3. * Vessels are advised to approach north of the SBM Restricted Zone centred on position 6° 58'·70N., 79° 46'·61E.

4. Due to the major port expansion, numerous vessels involved in the works can be expected whilst approaching and departing Colombo Harbour. Mariners are advised to navigate with caution and consult the port authority for the latest information. (All positions are referred to WGS84 Datum)

* Indicates new or revised entry.

5. Former Notice 6872(T)/09 is cancelled.

Charts affected — 1655 — 3700

5147(T)/12 INDIA - West Coast - Gulf of Kachchh South-westwards to Lakshadweep Southwards - Data buoys.

Source: Indian Notice 20/244(T)/12

1. Yellow data light-buoys, *Fl(4)15s*, with radar reflectors and mast carrying sensors have been established in the following positions:

Buoy	Position	Largest Scale Chart
AD02	15° 00'·00N., 69° 00'·00E.	708
AD03	12° 00'·00N., 69° 00'·00E.	708
AD04	8° 00'·00N., 73° 00'·00E.	2738
AD05	10° 29'·00N., 72° 16'·00E.	2738
SW02	17° 21'·00N., 70° 42'·00E.	708
*STB 02	20° 47'·92N., 65° 20'·80E.	707
*CALVAL	10° 34'·99N., 72° 16'·43E.	2738

5147(T)/12 INDIA - West Coast - Gulf of Kachchh South-westwards to Lakshadweep Southwards - Data buoys.

2. Mariners are advised to maintain a clearance of 1 nautical mile off the moored buoys.

(All positions are referred to WGS84 Datum).

*Indicates new or revised entry.

3. Former Notice 4348(T)/12 is cancelled.

Charts affected — 707 — 708 — 709 — 2738 — 4703 — 4705 — 4706 — 4707

5148(T)/12 INDIA - East Coast - Bay of Bengal and Andaman Sea - Data buoys. Buoyage.

Source: Indian Notice 20/243(T)/12

1. Yellow data buoys with radar reflectors have been established in the following positions:

Buoy	Position	Light	Largest Scale Chart
BD02 MB	18° 30' 00N., 88° 00' 00E.	Fl(4)15s	829
BD08 OB-OMNI	18° 10' 00N., 89° 40' 00E.	Fl(4)15s	829
BD10 OB-OMNI	16° 30' 00N., 88° 00' 00E.	Fl(4)15s	829
BD11 OB-OMNI	14° 12' 00N., 82° 54' 00E.	Fl(4)15s	827
*CB 01	11° 35' 33N., 92° 35' 74E.	Fl(4)15s	1398
RP01 REEF BUOY	11° 35' 00N., 92° 36' 00E.	Fl(4)15s	1398
BD13 OB-OMNI	11° 00' 00N., 86° 30' 00E.	Fl(4)15s	827
BD12 OB-OMNI	10° 30' 00N., 94° 00' 00E.	Fl(4)15s	825
*BD14 OB-OMNI	8° 10' 42N., 85° 28' 28E.	Fl(4)15s	827
BD07 MB	6° 15' 00N., 85° 53' 00E.	Fl(4)15s	827

2. Yellow tsunami light-buoys with radar reflectors have been established in the following positions:

Buoy	Position	Light	Largest Scale Chart
TB06 TSUNAMI	15° 00' 00N., 90° 00' 00E.	Fl(4)15s	829
TB08 TSUNAMI	12° 30' 00N., 85° 30' 00E.	Fl(4)15s	827
TB05 TSUNAMI	11° 00' 00N., 89° 30' 00E.	Fl(4)15s	827
*STB SA IC TSUNAMI	8° 54' 30N., 88° 32' 40E.	Fl(4)15s	827
*TB03 TSUNAMI	6° 15' 28N., 88° 47' 52E.	Fl(4)15s	827

3. Mariners are advised to maintain a clearance of 1 nautical mile off the moored buoys.

* Indicates a new or revised entry.

(All positions are referred to WGS84 Datum)

4. Former Notice 4443(T)/12 is cancelled.

Charts affected — 825 — 827 — 828 — 829 — 830 — 840 — 1398 — 4706 — 4707

5242(P)/12 ANDAMAN SEA - Gulf of Martaban South-south-westwards - Restricted area. Platforms.

Source: Myanmar Notice 21/12

1. A restricted area, entry prohibited, has been established until 20 February 2013 within an area bounded by the following positions:

- 14° 30' 3N., 96° 06' 9E.
- 14° 18' 1N., 96° 15' 7E.
- 14° 10' 1N., 96° 16' 3E.
- 13° 54' 3N., 95° 48' 8E.
- 14° 01' 0N., 95° 41' 9E.
- 14° 16' 0N., 95° 42' 3E.
- 14° 30' 6N., 95° 57' 8E.

2. Platforms are being established in the following positions:

Platform	Position
ZPQ	14° 11' 5N., 96° 02' 7E.
WP	14° 11' 5N., 96° 02' 8E.
WP2	14° 16' 6N., 96° 02' 5E.
WP3	14° 09' 5N., 95° 56' 8E.

(All positions are referred to Undetermined Datum)

3. Mariners are advised to navigate with caution in the area.

5242(P)/12 ANDAMAN SEA - Gulf of Martaban South-south-westwards - Restricted area. Platforms. (continued)

4. Chart 830 will be updated once works are complete.

Chart affected — 830

5457(P)/12 PAKISTAN - Karachi Harbour and Approaches - Depths. Dredged depths. Port developments.

Source: Pakistani Notices 23/66/12, 23/68/12, Pakistani Chart 30 & ENC PK5SC30Z

1. Depths less than charted exist, the most significant are as follows:

Depth	Position
6.6m	24° 48' 88N., 66° 58' 19E.
3.5m	24° 48' 47N., 66° 58' 28E.
2.9m	24° 48' 42N., 66° 58' 29E.
*4.7m	24° 47' 82N., 66° 59' 00E.
1.7m	24° 47' 33N., 66° 59' 97E.
*7.0m	24° 46' 86N., 66° 57' 95E.
8.5m	24° 46' 79N., 66° 57' 43E.
3.7m	24° 46' 24N., 66° 59' 82E.
*8.0m	24° 46' 07N., 66° 58' 35E.
5.5m	24° 46' 07N., 66° 59' 36E.
*11.5m	24° 45' 10N., 66° 57' 90E.
*9.2m	24° 44' 76N., 66° 58' 37E.
*13.1m	24° 44' 74N., 66° 57' 55E.

2. Dredged depths have been amended as follows:

7.3m	24° 49' 81N., 66° 58' 06E.
11.0m	24° 49' 88N., 66° 58' 58E.
*8.8m	24° 49' 70N., 66° 58' 36E.
12.0m	24° 48' 01N., 66° 58' 70E.

3. Depths at berths in the East and West Wharves have been amended as follows:

Berth No	Depth
6	12.5m
7	12.5m
8	12.5m
9	12.5m
10	11.6m
11	11.6m
12	11.6m
13	11.6m
14	11.6m
26	12.5m
27	12.5m
28	12.5m
29	12.5m
30	12.5m

4. There have been port developments in the vicinity of Oil Pier 2 (24° 48' 59N., 66° 58' 55E.)

* Indicates new or revised entry.

(All positions are referred to Indian Datum)

5. These and other changes will be included in the next New Edition of Chart 40.

6. Former Notice 3232(P)/12 is cancelled.

Chart affected — 40

5458(P)/12 INDIA - West Coast - Mundra Port and Approaches - Maritime limits. Buoyage. Depths. Berths. Dredging area.

Source: Indian Notices 1/50(P)/12, 21/251(P)/12 & ENC IN62106P

1. The radius of existing turning circle, east of Navinā Island, has increased to 350m, centred on position 22° 44'·61N., 69° 43'·09E. Light-buoys have been moved to the following positions:

Designation	Position
No 5	22° 44'·73N., 69° 43'·25E.
No 7	22° 44'·82N., 69° 43'·07E.

2. Shoal depths have been reported to exist throughout the maintained depth areas east of Navinā Island (approximate position 22° 44'·19N., 69° 43'·35E.). Depths in these areas are to be confirmed with the local port authority.

3. Berth number 9 has been constructed joining the following positions:

22° 43'·97N., 69° 42'·52E.
22° 44'·00N., 69° 42'·68E.

4. Berth numbers 10, 11 and 12 are under construction joining the following positions:

22° 44'·00N., 69° 42'·68E.
22° 44'·07N., 69° 42'·97E.
22° 44'·17N., 69° 43'·08E.

5. *Channel marking light-buoys have been established in South Basin (22° 44'·20N., 69° 41'·50E.) in the following positions:

Designation	Position	Characteristic	Colour
No 1	22° 43'·73N., 69° 41'·84E.	<i>Iso.G.3s</i>	Green
No 2	22° 43'·67N., 69° 41'·39E.	<i>Iso.R.3s</i>	Red
No 3	22° 43'·83N., 69° 41'·75E.	<i>Oc.G.3s</i>	Green
No 4	22° 43'·79N., 69° 41'·46E.	<i>Oc.R.3s</i>	Red
No 5	22° 44'·03N., 69° 41'·80E.	<i>Fl.G.2s</i>	Green
No 6	22° 44'·03N., 69° 41'·34E.	<i>Fl.R.2s</i>	Red

6. *A turning circle of radius 375m has been established within South Basin, centred on position 22° 44'·05N., 69° 41'·57E.

7. *Dredging operations are in progress in South Basin, within an area bounded by the following positions:

22° 44'·30N., 69° 41'·31E.
22° 43'·92N., 69° 41'·32E.
22° 43'·92N., 69° 40'·88E.
22° 44'·08N., 69° 40'·99E.
22° 44'·15N., 69° 41'·03E.
22° 44'·28N., 69° 41'·04E.

8. *Berth numbers SB6 and SB7 are under construction joining the following positions:

22° 44'·31N., 69° 41'·34E.
22° 44'·31N., 69° 41'·81E.

9. *Berth number WB4 is under construction joining the following positions:

22° 45'·44N., 69° 34'·20E.
22° 45'·63N., 69° 34'·29E.
22° 45'·66N., 69° 34'·21E.

5458(P)/12 INDIA - West Coast - Mundra Port and Approaches - Maritime limits. Buoyage. Depths. Berths. Dredging area. (continued)

10. Shoal depths exist in the approaches to Mundra Port, the most significant of which are:

Depth	Position
19·2m	22° 42'·60N., 69° 39'·77E.
18·7m	22° 43'·10N., 65° 40'·74E.
16·7m	22° 42'·39N., 69° 41'·49E.
14·4m	22° 43'·43N., 69° 43'·59E.
16·9m	22° 43'·46N., 69° 42'·14E.
17·2m	22° 43'·47N., 69° 42'·50E.
15·7m	22° 43'·49N., 69° 41'·59E.
17·7m	22° 43'·53N., 69° 43'·66E.
15·2m	22° 43'·59N., 69° 42'·06E.
17·2m	22° 43'·62N., 69° 42'·31E.
13·5m	22° 43'·68N., 69° 42'·20E.
14·0m	22° 43'·73N., 69° 42'·43E.
11·8m	22° 43'·78N., 69° 42'·64E.

(All positions are referred to WGS84 Datum.)

*Indicates new or revised entry.

11. Mariners are advised to navigate with caution in the area and contact the local port authorities for further information.
12. Charts will be updated when the works are complete.
13. Former Notice 2610(P)/12 is cancelled.

Charts affected — 670 — 682

5481(P)/12 INDIA - West Coast - Hāzira Port - Berths. Works. Buoyage.

Source: Indian Notice 21/250(P)/12

1. Extensive port developments have taken place within Hāzira Port limits. New berths have been established between the following positions:

Container Berths	Position
	21° 05'·33N., 72° 37'·53E.
	21° 05'·00N., 72° 37'·92E.
Multipurpose Berths	Position
	21° 05'·15N., 72° 37'·40E.
	21° 04'·80N., 72° 37'·80E.

2. Dredging works are in progress between the turning circle in position 21° 05'·33N., 72° 37'·03E. and the new berths.

3. *Light-buoys have been established in the following positions:

Designation	Position	Light characteristic	Shape	Colour
A1	21° 05'·28N., 72° 37'·20E.	<i>Q.G</i>	Conical	Green
A2	21° 05'·43N., 72° 37'·26E.	<i>Q.R</i>	Can	Red
A3	21° 05'·21N., 72° 37'·35E.	<i>Fl(2)G.5s</i>	Conical	Green
A4	21° 05'·28N., 72° 37'·51E.	<i>Fl(2)R.5s</i>	Can	Red

* Indicates new or revised entry.

(All positions are referred to WGS84 Datum)

4. Mariners are advised to navigate with caution in the area and consult the local authorities for the latest information.
5. Chart 3465 will be updated when the works are complete.
6. Former Notice 4231(P)/12 is cancelled.

Chart affected — 3465

5559(T)/12 INDIAN OCEAN - - Data buoys.

Source: NOAA

1. The National Oceanic and Atmospheric Administration (NOAA) maintains an array of buoys called Autonomous Temperature Line Acquisition System (ATLAS) in the Indian Ocean.

5559(T)/12 INDIAN OCEAN - - Data buoys. (continued)

2. The ATLAS buoys, yellow, 2 metre toroid buoys with radar reflectors, which make up the array are located in the following positions (WGS84 Datum):

- 24° 47'·2S., 99° 56'·5E.
- 11° 53'·5S., 93° 15'·2E.
- 14° 58'·7N., 89° 55'·9E.
- 12° 04'·9N., 88° 50'·3E.
- 7° 58'·4N., 88° 59'·7E.
- 3° 56'·8N., 89° 40'·0E.
- 1° 33'·6N., 90° 02'·7E.
- 0° 00'·9S., 89° 48'·2E.
- 1° 29'·6N., 80° 33'·4E.
- 0° 04'·3N., 80° 30'·7E.
- 1° 31'·3S., 80° 30'·8E.
- 4° 01'·3S., 79° 27'·0E.
- 7° 59'·5S., 80° 26'·0E.
- 11° 59'·3S., 80° 32'·9E.
- 16° 01'·0S., 80° 27'·7E.
- 4° 00'·3S., 67° 13'·9E.
- 8° 05'·5S., 66° 56'·1E.
- 12° 11'·2S., 67° 14'·7E.
- 7° 53'·8S., 55° 04'·9E.
- 12° 02'·2S., 54° 57'·0E.
- 16° 03'·7S., 55° 00'·5E.

3. Mariners are advised to give all buoys a 5 nautical mile berth.

4. Former Notice 2611(P)/12 is cancelled.

Charts affected — 709 — 716 — 827 — 829 — 4702 — 4703 — 4706 — 4707 — 4708 — 4714

5873(T)/12 INDIA - East Coast - Bay of Bengal - Obstructions.

Source: Indian Notice 22/259(T)/12

1. Underwater Acoustic Doppler Current Profiler (ADCP) moorings have been deployed in the following positions:

Mooring	Position	Depth of ADCP (m)	Largest scale Chart(s)
BOPS-3	12° 01'·83N., 80° 08'·07E.	90	2069
* BOPD-3	12° 00'·96N., 80° 12'·28E.	348	2069
* BOKD-3	16° 27'·10N., 82° 36'·52E.	362	318
* BSVS-2	17° 08'·17N., 82° 59'·59E.	91	319
* BOVS-3	17° 49'·04N., 83° 58'·88E.	102	319
* BOVD-2	17° 44'·60N., 84° 00'·99E.	182	319
* NRB	18° 23'·84N., 84° 45'·69E.	395	320
* BSGS-2	18° 38'·76N., 84° 47'·29E.	92	320
* BOGS-4	19° 24'·73N., 85° 41'·62E.	175	320, 321
* BOGD-4	19° 22'·86N., 85° 47'·23E.	213	320, 321
* BNBD-4	19° 03'·80N., 88° 55'·95E.	332	829

* Indicates new or revised entry.

(All positions are referred to WGS84 Datum)

2. All vessels are to maintain a safe distance from these moorings and exercise caution in the vicinity.

3. Former Notice 3237(T)/12 is cancelled.

Charts affected — 318 — 319 — 320 — 321 — 827 — 828 — 829 — 2069

5878(T)/12 INDIA - West Coast - Diu Head to Gulf of Mannar - Obstructions.

Source: Indian Notice 22/258(T)/12

1. *Underwater Acoustic Doppler Current Profiler (ADCP) moorings have been deployed in the following positions:

Mooring	Position	Depth of ADCP (m)	Largest scale chart
OMD5	19° 59'·98N., 69° 13'·96E.	180	1474
OGDV1	15° 12'·10N., 72° 43'·17E.	100	708
OGS8	15° 12'·07N., 72° 59'·26E.	163	1509
OGD8	15° 09'·97N., 72° 44'·90E.	180	708
OGDV2	15° 07'·35N., 72° 44'·29E.	351	708
OBS2	13° 52'·06N., 73° 24'·31E.	163	1509
OKD5	9° 02'·78N., 75° 26'·31E.	180	1565
OKS5	9° 00'·18N., 75° 57'·48E.	154	1565
KKD4	6° 57'·70N., 77° 23'·81E.	310	1587

* Indicates new or revised entry.

(All positions are referred to WGS84 Datum)

2. All vessels are to maintain a safe distance from these moorings and exercise caution in the vicinity.

3. Former Notice 3238(T)/12 is cancelled.

Charts affected — 707 — 708 — 709 — 828 — 1474 — 1509 — 1565 — 1566 — 1587 — 2736 — 2738

(13) MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA

4168(T)/03 INDONESIA - Sumatera - North and North-West Coasts - Restricted area.

Source: Indonesian Notice 24/175/2003

1. An area in which fishing and other activities not connected with innocent passage are prohibited to foreign vessels, extends from the mainland coast to a line joining the following positions:

1° 55'·0N., 96° 29'·0E.
2° 51'·0N., 95° 13'·9E.
2° 57'·0N., 95° 11'·0E.
4° 48'·0N., 95° 10'·0E.
5° 43'·2N., 94° 46'·5E.
5° 51'·0N., 94° 46'·7E.
6° 13'·5N., 94° 59'·5E.
6° 16'·0N., 95° 10'·1E.
5° 40'·4N., 96° 00'·5E.
5° 29'·0N., 96° 49'·4E.
5° 29'·2N., 97° 33'·5E.
5° 01'·0N., 98° 03'·4E.
4° 33'·8N., 98° 25'·9E.

2. The prohibited area does not apply to vessels supporting various offshore and other terminals; for further information mariners should consult the local authorities.

Charts affected — 400 — 827 — 830 — 1353 — 2760 — 2917 — 3919 — 3920

2439(P)/07 INDONESIA - Sumatera - Pulau Belitung West Coast - Tanjungpandan to Jawa North Coast - Pakis - Submarine cable.

Source: Global Marine Systems Ltd

1. Submarine cable, Jasuka Segment 1, has been laid joining the following positions (WGS84 DATUM):

2° 44'·53S., 107° 37'·49E.(shore)	3° 14'·32S., 107° 21'·00E.
2° 43'·40S., 107° 36'·41E.	3° 16'·50S., 107° 21'·49E.
2° 43'·29S., 107° 36'·22E.	3° 59'·91S., 107° 22'·28E.
2° 43'·32S., 107° 35'·96E.	4° 55'·05S., 107° 10'·01E.
2° 42'·51S., 107° 33'·31E.	4° 57'·50S., 107° 12'·65E.
2° 41'·75S., 107° 31'·11E.	5° 20'·00S., 107° 15'·36E.
2° 42'·17S., 107° 28'·53E.	5° 22'·22S., 107° 15'·46E.
2° 44'·65S., 107° 23'·29E.	5° 25'·00S., 107° 15'·00E.
2° 49'·30S., 107° 17'·41E.	5° 45'·01S., 107° 09'·83E.
2° 51'·02S., 107° 16'·83E.	5° 49'·64S., 107° 09'·03E.
2° 55'·00S., 107° 17'·79E.	5° 50'·63S., 107° 08'·98E.
3° 01'·70S., 107° 19'·24E.	5° 51'·41S., 107° 08'·65E.
3° 04'·69S., 107° 19'·63E.	5° 52'·95S., 107° 08'·50E.
3° 05'·80S., 107° 18'·90E.	5° 58'·31S., 107° 07'·56E.(shore)

2. Mariners are requested to avoid anchoring or trawling in the vicinity of the cable route.
3. The submarine cable will be included in the next New Editions of the appropriate charts.

Charts affected — 1312 — 2137 — 4708

4415(T)/08 MALACCA STRAIT - Gosong Rob Roy North-eastwards and Permatang Sedepa (One Fathom Bank) - Wrecks.

Source: Marine Department Peninsular Malaysia Notices 35(T)/07, 38(T)/08 & 39(T)/08

1. Salvage operations are being carried out on the following wrecks in the Malacca Strait:
 - a. The wreck of *mv California* in position 1° 57'·7N., 102° 10'·6E. (WGS84 Datum)
 - b. The wreck of *Arktis Island* in position 2° 53'·14N., 100° 59'·00E. (WGS84 Datum)
2. Numerous vessels will be involved in the operations which are expected to last up to 2 years.
3. Mariners are advised to keep clear of operations and navigate with caution in the vicinity.

Charts affected — 1353 — 1358 — 2139 — 3940 — 3945 — 3946 — 3947

5165(P)/08 SINGAPORE - MALAYSIA - THAILAND - BRUNEI - VIETNAM - HONG KONG - PHILIPPINES - Submarine cable.

Source: NEC Corporation

1. Work has begun on laying the AAG (Asia America Gateway) cable system from Changi, (Singapore) to Mersing (Malaysia), thence to Sri Racha (Thailand), Tungku (Brunei), Vung Tau (Vietnam), Lantau (Hong Kong), Launion (Philippines), along the route shown in the accompanying diagram. The cable laying is planned to be completed by early 2009.
2. Vessels are requested not to anchor or trawl in the vicinity of the cable route.
3. Charts will be updated when works are complete.

Charts affected — 94 — 986 — 1312 — 1371 — 1968 — 2414 — 2869 — 3445 — 3483 — 3488 — 3489 — 3542 — 3961 — 4129