



PAKISTAN NOTICES TO MARINERS

WEEKLY EDITION 34

Notice: 98(P)/21

28 AUG 2021

Copies of these Notices can be obtained gratis from Mercantile Marine Department and PN Chart Depot / NAVAREA IX Headquarters, 11 Liaquat Barracks Karachi. The same can be downloaded from web: www.paknavy.gov.pk/hydro.

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Mariners are requested to inform the Hydrographic Department, Naval Headquarters, 11 Liaquat Barracks, Karachi, Pakistan, immediately on the discovery of new dangers, or suspected dangers to navigation and of changes or defects in aids to navigation noticed in NAVAREA IX and of shortcomings in PAK charts or publications.

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PART – I
NOTICES TO MARINERS

98(P)/21 QATAR - Works. Offshore installation.

1. Offshore jacket installation works are taking place in the following position:

<i>Platform</i>	<i>Position</i>
WHP-12	26° 23'·13N., 52° 10'·56E.

2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

BA Charts affected - 2523 (INT 7250) - 2837 (INT 7017) - 2847 (INT 7018) - 2886 (INT 7243)

Source: Admiralty Notice to Mariners No. 3318(P)/2021.

PART – II
RADIO NAVIGATIONAL WARNINGS

303/21. SOUTHERN GULF. UAE. Charts BA 2837, 2858 and 2889. Seismic survey in progress till 29 Aug 2021 in area bounded by:

Crew 252 And 253 Area:

Source Boundary
 25-16.84N 054-16.67E
 25-16.72N 054-21.39E
 24-56.78N 054-20.86E
 24-56.97N 054-11.56E
 25-09.72N 054-11.90E
 Receiver Boundary
 25-13.86N 054-17.78E
 25-13.70N 054-21.96E
 24-59.73N 054-21.54E
 24-59.84N 054-09.58E
 25-10.71N 054-10.15E

Crew 254 Area:

Source Operation Area
 24-30.04N 053-35.12E
 24-29.96N 053-39.91E
 24-18.63N 053-39.68E
 24-18.71N 053-34.89E
 Cable Operation Area
 24-26.86N 053-31.61E
 24-26.65N 053-43.50E
 24-21.81N 053-43.39E
 24-22.06N 053-31.52E

Mariners are advised to navigate with caution and to maintain a listening watch on channels 16/72 and 76. Cancel this message on 292359 UTC Aug 21.

304/21. SELF CANCELLING. Operation completed. Cancel Navarea IX warning 254 of 2021.

305/21. GULF OF OMAN. Iran. Charts BA 2837, 2851, 2858 and 2888. SPM buoys and west cardinal buoys established:

- a. SPM No 1 25-50.75N 057-14.54E
- b. SPM No 2 25-51.98N 057-13.99E
- c. SPM No 3 25-53.14N 057-13.35E

West Cardinal Lightbuoy

- a. 25-57.66N 057-10.41E Q(9)15 Seconds
- b. 25-56.78N 057-12.80E Q(9)15 Seconds

Mariners cautioned. Cancel Navarea IX warning 260 of 2021.

306/21. ARABIAN SEA. Pakistan. Charts PAK 33, 57 (INT 751), 58 (INT 7019), BA 38 and 707. Naval ships will carry out surface, anti aircraft and depth charge live firing practice between 0400 to 1700 UTC from 01-03, 06-10, 13-17, 20-24 and 27-30 Aug 2021 in following areas:

- a.

24-19.00N	066-58.00E
24-00.00N	066-39.00E
24-11.00N	066-27.00E
24-24.30N	066-42.00E

b.

24-36.02N 063-15.03E
 24-36.02N 062-30.03E
 24-21.02N 062-30.03E
 24-21.02N 063-15.03E

c.

24-36.02N 062-30.03E
 24-36.02N 061-45.03E
 24-21.02N 061-45.03E
 24-21.02N 062-30.03E

d. Depth Charge Firing Area

24-16.18N 066-20.50E
 24-22.00N 066-27.00E
 24-16.30N 066-33.00E
 24-10.30N 066-27.00E

Ships and craft are to keep well clear of assigned danger area on above specified schedule. Cancel this message on 301800 UTC Sep 2021.

307/21. SOUTHERN GULF. UAE. Charts BA 2837, 2858, 3174, and 3404. A reclamation works behind RAK maritime city breakwater will be further extended south-west wards within the area bounded by below mentioned coordinates:

25-58.19N 056-02.13E
 25-58.01N 056-02.82E
 25-57.38N 056-02.87E
 25-57.62N 056-01.95E

Three temporary marker buoys have been re-positioned in below mentioned co-ordinates in order to assist in the reclamation process:

B1	Flash Yellow	25-58.110N	056-02.440E
B2	Flash Yellow	25-57.809N	056-02.344E
B3	Flash Yellow	25-57.508N	056-02.247E

All mariners are advised to navigate with caution and keep well clear of the area while passing in the vicinity. Cancel Navarea IX warning 238 of 2020.

308/21. ARABIAN SEA. Pakistan. Charts PAK 33, 57 (INT 751), 58 (INT 7019), BA 38 and 707. Naval ships will carry out surface, anti aircraft and depth charge live firing practice between 0400 to 1700 UTC from 01-03, 06-10, 13-17, 20-24 and 27-30 Sep 2021 in following areas:

a.

24-19.00N 066-58.00E
 24-00.00N 066-39.00E
 24-11.00N 066-27.00E
 24-24.30N 066-42.00E

b.

24-36.02N 063-15.03E
 24-36.02N 062-30.03E
 24-21.02N 062-30.03E
 24-21.02N 063-15.03E

c.

24-36.02N 062-30.03E
 24-36.02N 061-45.03E
 24-21.02N 061-45.03E
 24-21.02N 062-30.03E

d. Depth Charge Firing Area

24-16.18N 066-20.50E
 24-22.00N 066-27.00E
 24-16.30N 066-33.00E
 24-10.30N 066-27.00E

Ships and craft are to keep well clear of assigned danger area on above specified schedule. Cancel this message on 301800 UTC Sep 2021. Cancel Navarea IX warning 306 of 2021.

309/21. SELF CANCELLING. Navarea IX Warnings inforce:

- 2019 Series: 126, 146, 381 and 393.
- 2020 Series: 004, 018, 035, 078, 150, 178, 209, 215, 222, 266, 336, 350, 379, 387, 394, 406, 409, 449 and 451.
- 2021 Series: 024, 084, 086, 088, 109, 152, 176, 182, 203, 206, 221, 223, 224, 234, 238, 249, 250, 251, 265, 266, 276, 279, 291, 292, 293, 299, 301, 303, 305 307 and 208.

COASTAL WARNING

082/21. ARABIAN SEA. Pakistan. Charts PAK 33, 57 (INT 751), 58 (INT 7019), BA 38 and 707. Naval ships will carry out surface, anti aircraft and depth charge live firing practice between 0400 to 1700 UTC from 01-03, 06-10, 13-17, 20-24 and 27-30 Aug 2021 in following areas:

a.

- 24-19.00N 066-58.00E
- 24-00.00N 066-39.00E
- 24-11.00N 066-27.00E
- 24-24.30N 066-42.00E

b.

- 24-36.02N 063-15.03E
- 24-36.02N 062-30.03E
- 24-21.02N 062-30.03E
- 24-21.02N 063-15.03E

c.

- 24-36.02N 062-30.03E
- 24-36.02N 061-45.03E
- 24-21.02N 061-45.03E
- 24-21.02N 062-30.03E

d. Depth Charge Firing Area

- 24-16.18N 066-20.50E
- 24-22.00N 066-27.00E
- 24-16.30N 066-33.00E
- 24-10.30N 066-27.00E

Ships and craft are to keep well clear of assigned danger area on above specified schedule. Cancel this message on 301800 UTC Sep 2021.

- 24-36.02N 063-15.03E
- 24-36.02N 062-30.03E

083/21. ARABIAN SEA. Pakistan. Charts PAK 33, 57 (INT 751), 58 (INT 7019), BA 38 and 707. Naval ships will carry out surface, anti aircraft and depth charge live firing practice between 0400 to 1700 UTC from 01-03, 06-10, 13-17, 20-24 and 27-30 Sep 2021 in following areas:

a.

- 24-19.00N 066-58.00E
- 24-00.00N 066-39.00E
- 24-11.00N 066-27.00E
- 24-24.30N 066-42.00E

b.

- 24-36.02N 063-15.03E
- 24-36.02N 062-30.03E
- 24-21.02N 062-30.03E
- 24-21.02N 063-15.03E

c.

- 24-36.02N 062-30.03E
- 24-36.02N 061-45.03E
- 24-21.02N 061-45.03E
- 24-21.02N 062-30.03E

d. Depth Charge Firing Area

- 24-16.18N 066-20.50E
- 24-22.00N 066-27.00E
- 24-16.30N 066-33.00E
- 24-10.30N 066-27.00E

Ships and craft are to keep well clear of assigned danger area on above specified schedule. Cancel this message on 301800 UTC Sep 2021. Cancel Coastal warning 082 of 2021.

084/21. SELF CANCELLING. Navigational Warnings Inforce:

2019 Series: 111 and 113.

2020 Series: 057, 065, 110, 125, 133 and 143.

2021 Series: 075, 078 and 083.

WPGs Inforced 2021: 36 and 39

WPGs Cancelled 2021: 38

TEMPORARY AND PRELIMINARY NOTICES

In Force 20 August 2021

(Former In Force List dated 23 July 2021 is cancelled)

Inforce: 55(T)/13, 92(T)/13, 92(T)/14, 51(T)/16, 136(P)/16, 150(P)/16, 173(P)/16, 83(P)/17, 99(T)/17, 115(P)/17, 129(P)/17, 140(T)/17, 169(T)/17, 176(T)/17, 184(P)/17, 57(T)/18, 101(T)/18, 131(P)/18, 173(P)/18, 188(T)/18, 27(P)/19, 55(P)/19, 65(P)/19, 73(T)/19, 78(T)/19, 107(P)/19, 108(P)/19, 110(P)/19, 112(P)/19, 173(T)/19, 202(T)/19, 208(P)/19, 213(T)/19, 229(T)/19, 234(P)/19, 04(P)/20, 58(T)/20, 65(T)/20, 74(P)/20, 87(T)/20, 95(P)/20, 111(P)/20, 122(P)/20, 134(P)/20, 135(T)/20, 139(P)/20, 140(P)/20, 160(T)/20, 176(P)/20, 191(P)/20, 04(T)/21, 06(T)/21, 13(T)/21, 15(T)/21, 24(T)/21, 42(P)/21, 46(T)/21, 56(P)/21, 61(T)/21, 63(P)/21, 69(T)/21, 70(T)/21, 86(T)/21, 95(P)/21, 96(T)/21 and 98(P)/21.

Cancelled: 16(P)/17, 05(P)/19, 156(P)/20 and 14(P)/21.

PART – III






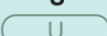
UPDATES TO MISCELLANEOUS ADMIRALTY NAUTICAL PUBLICATIONS

NP100 The Mariner’s Handbook (2020 Edition)

Data Quality

20

Paragraph 2.2 1 line 6 *Replace existing CATZOC table by:*

ZOC/ECDIS Symbol	Position Accuracy	Depth Accuracy		Sea floor Coverage	Typical Survey Characteristics
A1 	± 5 m + 5% depth	0.5 m + 1% depth		Full area search undertaken. All significant seafloor features detected and depths measured.	Controlled, systematic survey high position and depth accuracy achieved using DGPS or a minimum three high quality lines of position (LOP) and a multibeam, channel or mechanical sweep system.
		Depth (m)	Accuracy (m)		
		10	± 0.6		
		30	± 0.8		
A2 	± 20 m	1.0 m + 2% depth		Full area search undertaken. All significant seafloor features detected and depths measured.	Controlled, systematic survey achieving position and depth accuracy less than ZOC A1 and using a modern survey echosounder and a sonar or mechanical sweep system.
		Depth (m)	Accuracy (m)		
		10	± 1.2		
		30	± 1.6		
B 	± 50 m	1.0 m + 2% depth		Full area search not achieved; uncharted features, hazardous to surface navigation are not expected but may exist.	Controlled, systematic survey achieving similar depth but lesser position accuracies than ZOC A2, using a modern survey echosounder, but no sonar or mechanical sweep system.
		Depth (m)	Accuracy (m)		
		10	± 1.2		
		30	± 1.6		
C 	± 500 m	2.0 m + 5% depth		Full area search not achieved; uncharted features; hazardous to surface navigation are not expected but may exist.	Low accuracy survey or data collected on an opportunity basis such as soundings on passage.
		Depth (m)	Accuracy (m)		
		10	± 2.5		
		30	± 3.5		
D 	Worse than ZOC C	Worse than ZOC C		Full area search not achieved, large depth anomalies may be expected.	Poor quality data or data that cannot be quality assessed due to lack of information.
		100	± 7.0		
U 	Unassessed - the quality of the data has yet to be assessed; therefore, other means are required to ascertain survey quality				

Notes

- The categorisation of hydrographic data is based on three factors (position accuracy, depth accuracy, and sea floor coverage).
- The CATZOC attribute is the mechanism by which an ENC gives an estimate of the reliability of the source data. This is designed to give the mariner the same degree of understanding as the Source Diagram on an equivalent paper chart. ZOC A1 and A2 require very high accuracy standards which were rarely, if ever, achieved before the advent of satellite positioning in the 1980s. Therefore, many sea lanes that have been regarded as adequately surveyed or many years may carry a ZOC B classification.
- The ZOC classification attained by a survey is for the survey at the date it was conducted. In areas of mobile seabed the actual seabed may differ markedly from what has been charted, even if the survey is only a few months old (see 1.14).
- More information is available in NP231, including detailed notes regarding this diagram.

PART – IV
MARINE INFORMATION

PAK CHART PUBLISHED AND AVAILABLE
NEW EDITION OF PAK CHARTS 22
NEW EDITION 27 JAN 2021

New Edition Pak Chart

<i>Chart</i>	<i>Title, limits and other remarks</i>	<i>Scale</i>	<i>Edition</i>	<i>Chart to be WITHDRAWN</i>
PAK-22	PAKISTAN - ARABIAN SEA RAS MUARI TO MIANI HOR 24° 38' 00" N - 25° 32' 36" N, 66° 06' 30" E. - 66° 46' 00" E.	1:100 000	4	PAK-22 (Edition-3)

PAK CHART PUBLISHED AND AVAILABLE
NEW EDITION OF PAK CHARTS 26
NEW EDITION 13 AUG 2021

New Edition Pak Chart

<i>Chart</i>	<i>Title, limits and other remarks</i>	<i>Scale</i>	<i>Edition</i>	<i>Chart to be WITHDRAWN</i>
PAK-26	PAKISTAN - ARABIAN SEA RAS SHAMAL BANDAR TO GWADAR 24° 42' 05.22" N - 25° 00' 00" N, 62° 14' 37.25" E. - 63° 20' 00" E.	1:100 000	2	PAK-26 (Edition-1)

NP77, Vol D Edition 2021. Weekly Edition No. 34, Dated 26 August 2021.
 Last Updates: Weekly Edition No. 33, dated 19 August 2021.

D1657-5 ES, I, 02670	- Puerto de Viavélez. Breakwater. Head	43 33-95 N 6 50-44 W	Fl(3)R 9s	8	5 Red truncated conical tower 5	<i>fl 0-5, ec 1-5) x 2, fl 0-5, ec 4-5</i>	*
D2126-25 PT, I, 207-5	- Oeiras. Marina. N Pier	38 40-62 N 9 18-99 W	Fl G 3s	9	5 White tower, green bands 4	<i>fl 1.</i> TE 2021	*
D2197-2 PT, I, 491	- Vilamoura	37 04-47 N 8 07-38 W	Fl W 5s	17	19 Yellow tower on Navy control tower 16	<i>fl 0-2.</i> TE 2021	*
D2225-1 PT, I, 545-1	- Murtinas. Ldg Lts 352-3°. Rear. 301m from front	37 01-54 N 7 51-81 W	Oc R 5s	9	7 Red column, white bands	<i>ec 2</i>	*
D2226-21 PT, I, 549	- Cais. Fish Quay. Floating Breakwater	37 01-37 N 7 50-44 W	Fl(3)G 10s	3	2 Green post, white bands 3	<i>(fl 0-5, ec 0-5) x 2, fl 0-5, ec 7-5</i>	*
D2226-24 PT, I, 549-1	- Cais. Fish Quay. N Pile	37 01-40 N 7 50-44 W	Fl(3)R 5s	2	2 Black column 4	<i>(fl 0-5, ec 0-5) x 2, fl 0-5, ec 2-5</i>	*
D2226-28 PT, I, 550-8	- Cais. Olhão Marina	37 01-34 N 7 50-83 W	Fl(3)R 9s	5	2 Red post, white bands 3	<i>(fl 0-5, ec 0-5) x 2, fl 0-5, ec 6-5</i>	*
D2226-285 PT, I, 550-81	- Cais. Olhão Marina	37 01-33 N 7 50-80 W	Fl G 3s	1	2 Green post, white bands 3	<i>fl 0-5</i>	*
D2540	OUED SEBOU Remove from list; deleted						
D2544-8	OUED SEBOU Remove from list; deleted						
D2642-4 PT, I, 707-5	- Vila Franco do Campo. Marina. Molhe de Abrigo. Pier. Head	37 42-79 N 25 25-71 W	Fl R 4s	11	9 White column, red bands 7	<i>fl 1.</i> TE 2021	*
D2666-8 PT, I, 755-5	- São Mateus. N Mole	38 39-37 N 27 15-98 W	Fl G 3s	6	3 White column, green bands 3	<i>fl 1.</i> TE 2021	*
D2695 PT, I, 860-5	- Horta. N Mole	38 32-26 N 28 37-32 W	Fl G 3s	12	9 White post, green bands	<i>fl 1</i>	*
D2720 PT, I, 663	ILHA DESERTAS - Ilhéu Chão	32 35-37 N 16 32-75 W	LFl(2)W 15s	111	13 Tower and building 14	<i>fl 2, ec 2, fl 2, ec 9</i>	*
D2848-4 ES, I, 13010	- Puerto de Santa Cruz. Fishing Harbour. Breakwater. Corner	28 40-32 N 17 46-09 W	Fl Y 3s	8	1 Yellow conical tower 4	<i>fl 0-5</i>	*
D2848-45 ES, I, 13000	- Puerto de Santa Cruz. Breakwater. Head	28 40-27 N 17 45-84 W	Fl G 5s	16	7 Green round tower, truncated conical top and base 5	<i>fl 1</i>	*