



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 22

1 June 2000

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Mariners are requested to inform the UK Hydrographic Office, Admiralty Way, Taunton, Somerset TA1 2DN immediately of the discovery of new dangers, or changes or defects in aids to navigation and of shortcomings in Admiralty charts or publications. Copies of form H 102, which is a convenient form on which to send in a report, may be obtained gratis from any Admiralty Distributor or the reproduction at the end of Section VI of the Weekly Edition of Notices to Mariners may be used. A copy of the form, which may be used as a pro forma, is also printed in the Mariner's Handbook (NP 100).

In addition to postal methods, the following additional communication facilities are available:

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ADMIRALTY DIGITAL NOTICES TO MARINERS (ADNM)

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EXPLANATORY NOTES

Dating Weekly Notices are dated for the Thursday appropriate to the week they are issued and include notices up to the preceding Saturday, the date of printing.

Charts The notices in Section II give instructions for the correction of Admiralty charts. Geographical positions refer to the largest scale chart unless otherwise stated. They are normally given in degrees, minutes and decimals of a minute, but may occasionally quote seconds for convenience when plotting from the graduation of some older-style charts. Bearings are true reckoned clockwise from 000° to 359°; those relating to lights are from seaward. Symbols referred to are those shown on chart 5011.

Depths and heights are given in metres or fathoms and/or feet (abbreviated m, fm, ft, respectively)

Alterations to depth contours, deletion of depths to make way for new detail, etc., are not mentioned unless they have some navigational significance.

Blocks and notes accompanying notices in Section II are placed within Section II.

Temporary and Preliminary Notices These are indicated by (T) or (P) after the notice number. They are printed on one side of the paper in order that they may be cut up and filed and are placed at the end of Section II. To assist in filing, the year is indicated after the notice number and an in-force list is published monthly. **Charts are not corrected for them before issue;** they should be corrected in pencil on receipt. In (T) and (P) notices, separate latticed versions are not quoted in the list of charts affected nor are they included in the Index of Charts Affected.

Original Information A star adjacent to the number of a notice indicates that the notice is based on original information.

Lights When a light is affected by a notice its Light List number is quoted. The detailed correction to the List of Lights is given in Section V and may be published in an earlier edition than the chart-correcting notice. The entire entry for each light amended will be printed (including minor changes) and an asterisk (*) will denote which column contains a significant amendment. In the case of a new light, an asterisk (*) will appear under **all** columns. New and extensively altered entries are intended to be pasted in. It is recommended that a manuscript entry is made for all shorter corrections.

It is emphasised that the List of Lights is the primary source of information on lights and that many alterations, especially those of a **temporary but operational** nature, are promulgated **only** as corrections to the List of Lights.

The range of a light is normally the nominal range, except when the responsible authority quotes luminous or geographical range.

Radio Signals When a chart-correcting notice is issued for a radiobeacon its Admiralty List of Radio Signals Volume 2 reference number is quoted, followed in parentheses by the number of the Weekly Edition containing (in Section VI) the corresponding correction to the service details.

The corrections in Section VI should be cut up and pasted in the appropriate volumes.

Sailing Directions Corrections to Sailing Directions are given in Section IV. Those in force at the end of the year are reprinted in the Annual Summary of Notices to Mariners. A list of corrections in force is published in Section IV of the Weekly Edition for the last week of each month.

It is recommended that corrections are kept in a file with the latest list of corrections in force on top. The list should then be consulted when using the parent book to see if any corrections, affecting the area under consideration, are in force.

It is not recommended that corrections be stuck in the parent book or current supplement, but, if this is done, when a new supplement is received care must be taken to retain those corrections issued after the date of the new supplement, which may be several months before its receipt on board.

Radio Navigational Warnings See Note at the start of Section III.

Updating

Updating information is published by Weekly Notices to Mariners supplemented by radio warnings for items of immediate importance. It should be borne in mind that they may be based on reports which cannot always be verified before promulgation, and that it is sometimes necessary to be selective and promulgate only the more important items to avoid overloading users; the remainder being included in revised editions of the charts and publications concerned.

Laws and Regulations

While, in the interests of the safety of shipping, the UK Hydrographic Office makes every endeavour to include in its publications details of the laws and regulations of all countries appertaining to navigation, it must be clearly understood:—

- (a) that no liability whatsoever can be accepted for failure to publish details of any particular law or regulation, and
- (b) that publication of the details of a law or regulation is solely for the safety and convenience of shipping and implies no recognition of the international validity of the law or regulation.

Correction of charts and publications by the user

Admiralty Notices to Mariners contain important information and should be used to keep the specified charts and books up-to-date.

I

THE USE OF CHARTS AND ASSOCIATED PUBLICATIONS

Reliance on Charts and Associated Publications

While every effort is made to ensure the accuracy of the information on Admiralty charts and other publications, it should be appreciated that it may not always be complete and up-to-date. The mariner must be the final judge of the reliance he can place on the information given, bearing in mind his particular circumstances, local pilotage guidance and the judicious use of available navigational aids.

Charts

Charts should be used with prudence: there are areas where the source data are old, incomplete or of poor quality. The mariner should use the largest scale appropriate for his particular purpose; apart from being the most detailed, the larger scales are usually corrected first. When extensive new information (such as a new hydrographic survey) is received, some months must elapse before it can be fully incorporated in published charts.

On small scale charts of ocean areas where hydrographic information is, in many cases, still sparse, charted shoals may be in error as regards position, least depth and extent. Undiscovered dangers may exist, particularly away from well-established routes.

Further guidance

The Mariner's Handbook (NP 100) gives a fuller explanation of the limitations of charts. Annual Notice 9 gives the UKHO policy for the promulgation and selection of safety-critical information for charts. Details of chart correcting methods can be found in NP294, "How to correct your charts the Admiralty way", published October 1997. All users are advised to study these publications.

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II

[22/00]

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 1 June 2000

Chart	Title and other remarks	Scale	Folio	Catalogue page	RRP(UK)*
⊙64	Red Sea, Saudia Arabia, Approaches to Rābigh. Rābigh Industrial Port. <i>Includes new survey information in Rābigh Industrial Port and its approaches.</i> <i>Note: On publication of this New Edition Former Notice 904(P)/99 is cancelled.</i>	1:50,000 1:20,000	32	54	£15·65
⊙70	Gulf of Bothnia, Ports on the East Coast of Sweden. Ⓐ Approaches to Hudiksvall. Ⓑ Hudiksvall. Ⓒ Approaches to Ljusnefjärden and Söderhamnsfjärden. Ⓓ Söderhamnsfjärden. Ⓔ Ljusnefjärden. <i>Includes amendments to recommended tracks from the latest Swedish government publications.</i>	1:50,000 1:20,000 1:50,000 1:25,000 1:25,000	11	28	£15·65
⊙992	Italy, Ports in Stretto di Messina with Catania and approaches. Sicilia, Approaches to Catania. Sicilia, Porto di Catania. Reggio di Calabria. Sicilia, Porto di Messina. Villa San Giovanni. <i>This partial new edition is limited to include new fishing prohibited areas, depths in Porto di Catania and marina in the entrance to Porto di Messina.</i>	1:40,000 1:10,000 1:7,500 1:7,500 1:7,500	26	36	£15·65
⊙1400	Panama - north coast, Outer approaches to Puerto Cristóbal. Puerto de la Bahía de las Minas. <i>Includes amendments to dredged areas and buoyage at Puerto de la Bahía de las Minas, cable and magnetic information.</i>	1:75000 1:15000	88	116	£15·65
⊙3204	United States - east coast, New York - New Jersey, New York Lower Bay and approaches. Index of Charts New York Harbor & Entrance. <i>Includes amendments to depths in Lower Bay and approaches.</i>	1:50,000	81	122	£15·65
⊙3459	United States - east coast, New York - New Jersey, New York, Lower Bay. <i>Includes additional channel depth information.</i>	1:20,000	81	122	£15·65

*RRP(UK) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 1 June 2000 (Continuation)

<i>Chart</i>	<i>Title and other remarks</i>	<i>Scale</i>	<i>Folio</i>	<i>Catalogue page</i>	<i>RRP(UK)*</i>
SC 5602	The West Country, Falmouth to Teignmouth		-	14, 135	£35·00
5602.1	The West Country and Approaches	1:500,000			
5602.2	Falmouth to Fowey	1:75,000			
	Plan A: The Manacles to Falmouth	1:75,000			
	Plan B: Mevagissey	1:3,500			
5602.3	Fowey to Plymouth	1:75,000			
	Plan A: Polperro	1:3,500			
	Plan B: Looe	1:6,000			
5602.4	Plymouth to Salcombe	1:75,000			
	Plan: Eddystone Rocks	1:7,500			
5602.5	Salcombe to Teignmouth	1:75,000			
	Plan A: Teignmouth	1:7,500			
	Plan B: Brixham	1:7,500			
	Plan C: Torquay Harbour	1:4,000			
5602.6	Falmouth Harbour	1:16,000			
	Plan A: Continuation of the River Fal	1:16,000			
	Plan B: Truro River	1:16,000			
5602.7	Fowey Harbour	1:6,250			
	Plan A: River Fowey, Mixtow to Saint Winnow	1:15,000			
	Plan B: River Fowey, Saint Winnow to Lostwithiel	1:15,000			
5602.8	Plymouth Sound and Approaches	1:25,000			
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	Plan C: Stoke Point to Berry Rock	1:12,500			
	Plan D: Fleet Mill Reach to Totnes	1:12,500			

The second edition of this small craft folio; coverage extended to include the tidal waters of the Tamar estuary and the River Dart to Totnes. All the charts have been updated for Notices to Mariners corrections published since the 1998 edition.

Note: Former chart 5602.9 has been re-numbered 5602.10 and former chart 5602.10 has been re-numbered 5602.11.

Note: This chart is to be deleted from the list of charts affected by Former Notice 2319(P)/99.

Admiralty Publications

<i>NP No.</i>	<i>Title and other remarks</i>	<i>Date</i>	<i>RRP(UK)*</i>	<i>Remarks</i>
NP 202-01	Admiralty Tide Tables, Volume 2, Europe (excluding United Kingdom and Ireland), Mediterranean Sea and Atlantic Ocean.	18/5/00	£17·50	

*RRP(UK) means UK recommended retail price.

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 29 JUNE 2000

New Editions of Admiralty Charts

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
460	Red Sea, Eritrea, Massawa (Mits'iwa) and approaches. (A) Approaches to Massawa (Mits'iwa). (B) Massawa (Mits'iwa) Harbour. <i>Includes new survey information, with changes to the coastline and landmarks in Massawa Harbour.</i>	1:125,000 1:15,000	460
672	India - west coast, Ports in the Gulf of Kachchh. Narāra Bet and Sikka Creek. 22°25'50N. — 22°36'21N., 69°35'06E. — 69°50'70E. Navalakhi and Approaches. <i>Includes new SPM's, SBM, pipelines, jetties, buoyage, Working Area and Anchoring Prohibited Areas at Sikka and the Vādīnār offshore Terminal. The limits of the plan of Narāra Bet and Sikka Creek have been extended eastwards to include the new trestle jetty.</i>	1:40,000 1:25,000	672
1426	Croatia and Slovenia, Luka Mali Lošinj and Ports and Harbours on the Coast of Istra. (A) Slovenia, Izola. 45°31'91N. — 45°32'75N., 13°38'92E. — 13°40'30E. (B) Slovenia, Luka Koper. (C) Croatia, Rovinj. (D) Croatia, Luka Pula. (E) Croatia, Luka Mali Lošinj. (F) Croatia, Zaljev Raša. <i>Includes changes to depths, wrecks, navigational aids and port developments at Luka Koper and Izola. The limits of plan (A) Izola have been extended westward to include marina developments.</i>	1:10,000 1:10,000 1:20,000 1:30,000 1:25,000 1:30,000	1426
1925	Red Sea, Jabal Zuqar Island to Bab el Mandeb. 12°23'83N. — 14°12'16N., 42°25'88E. — 43°40'00E. <i>The chart limits have been moved northwards and westwards to incorporate future Traffic Separation Scheme limits. Includes changes shown on larger scale charts, and latest digital depth information. The chart is referred to WGS 84 datum and the position of Muhabbaka Islands have been amended to agree with BA 453.</i>	1:200,000	1925

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 29 JUNE 2000

New Editions of Admiralty Charts (Continuation)

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
1991	Harbours on the south coast of England. ① Brighton Marina. ② Littlehampton Harbour. ③ Rye Harbour. ④ Folkestone Harbour. <i>Includes the latest British Government and commercial hydrographic surveys in the plans of Littlehampton Harbour and Folkestone Harbour; and general amendments throughout. The horizontal datum of this new edition has been transferred to a WGS 84 compatible datum. Former Notice NM 4672/(P)99 refers.</i>	1:5,000 1:6,250 1:25,000 1:5,000	1991
2577	Red Sea, Saudia Arabia, Jeddah (Mīnā' al Jeddah). 21°22'·50N. — 21°31'·40N., 39°05'·40E. — 39°11'·50E. <i>Includes new dredged channels with associated depths and buoyage. The western limit has been extended to provide improved coverage. The chart is now referred to WGS 84 datum.</i>	1:15,000	2577
2599	Red Sea, Saudia Arabia, Approaches to Jeddah (Mīnā' al Jeddah). <i>Includes new dredged channels with associated depths and buoyage. The chart is now referred to WGS 84 datum.</i>	1:30,000	2599
2919	United States - east coast, Virginia, Chesapeake Bay Entrance. Index of Charts within Chesapeake Bay & Delaware Bay & River. <i>Includes additional channel depths information.</i>	1:80,000	2919

ADMIRALTY CHARTS AND PUBLICATIONS PERMANENTLY WITHDRAWN

Admiralty Charts

Chart to be WITHDRAWN	Main Title	On publication of New Chart/New Edition
64	Red Sea, Saudia Arabia, Approaches to Rābigh.	⊙64
70	Gulf of Bothnia, Ports on the East Coast of Sweden.	⊙70
992	Italy, Ports in Stretto di Messina with Catania and approaches.	⊙992
1400	Panama - north coast, Outer approaches to Puerto Cristóbal.	⊙1400
3204	United States - east coast, New York Lower Bay and approaches.	⊙3204
3459	United States - east coast, New York, Lower Bay.	⊙3459
SC 5602	The West Country, Falmouth to Teignmouth	SC5602

⊙ denotes chart available in the ARCS series.

II

2244 MISCELLANEOUS UPDATES TO CHARTS

<i>Chart</i>	<i>Last Correction</i>	<i>Details</i>
UK Hydrographic Office.		Nil corrections this week.

2141* ENGLAND, East Coast — Approaches to River Humber — New Sand Hole — Anchorage area; Buoyage; Radar beacon; Submarine pipelines

Insert	the accompanying block, showing new deep water anchorage and buoyage, centred on: red and white light-float with topmark, fog signal and radar beacon, <i>Humber LFl Racon (T)</i>	(a) 53° 36'·10N., 0° 21'·20E. (b) 53° 39'·07N., 0° 19'·99E.
Substitute	the accompanying note, PIPELINES, for existing note, centred on:	(c) 52° 50'·3N., 0° 37'·5E.
Delete	Humber light-buoy	(d) 2·5M SE. of (c) above

Note: The above correction has been included in New Editions of Charts 107 & 109 to be published 25 May 2000. Former Notice 818(P)/00 is cancelled.

Chart [*Last correction*].— **1190** (INT 1508) (a,c) [4414/99]— **2182A** (INT 1043) (b,d) [1797/00]— **2182B** (INT 1042) (b) [1962/00]
Light List Vol. A/00, 2421.4, 2421.45
Admiralty List of Radio Signals Vol. 2, 2000: 5144 (15/00)
ABP Humber Notice 50/00 (HH.252/400/08).

2145* ENGLAND, West Coast — River Mersey — Bromborough — Light-beacon; Outfall

Insert	starboard-hand light-beacon with topmark, 2F.G(vert) outfall, joining:	(a) 53° 21'·80N., 2° 58'·86W. (a) above direction 216° distance 90m from (a) above (existing outfall)
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Chart [*Last correction*].— **3490** (INT 1643) (panel B) [1421/00]
Light List Vol. A/00, 4981.1
Mersey Docks and Harbour Company Notice 5/00 (HH.206/460/09).

2146* WALES, North Coast — Anglesey — Holyhead Harbour — Inner Harbour and New Harbour — Light; Mooring buoy; Beacon; Depth

Delete	★ 2F.R (vert) No 4 port-hand beacon with topmark depth 4 ₈ m enclosed by 5m contour	53° 18'·64N., 4° 37'·58W. 53° 18'·98N., 4° 37'·12W. 53° 19'·09N., 4° 38'·53W. 53° 19'·12N., 4° 37'·75W.
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Chart [*Last correction*].— **2011** [1511/00]
Light List Vol. A/00, 5189.4
Stena Line Ports Ltd Notice 3/00 (HH.212/420/07).

2147* WALES, West Coast — Cardigan Bay — Aberdovey Westwards — Light-float

Insert	special light-float, Fl(5)Y.20s Target Float	52° 31'·0N., 4° 49'·0W.
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Chart [*Last correction*].— **1410** (INT 1609) [1874/00]— **1123** [1875/00]
DERA Aberporth (HH.213/420/05).

2148* ENGLAND, West Coast — Trevoze Head Northwestwards — Depth

Insert	depth 43m enclosed by 50m contour with seabed character, R(a)	50° 36'·6N., 5° 18'·1W.
Substitute	depth 43m enclosed by 50m contour with seabed character, R, for depth 51m	(b) (a) above

Chart [*Last correction*].— **1178** (INT 1611) (b) [1875/00]— **1123** (a) [2147/00]— **2649** (INT 1063) (a) [1875/00]
Naval Party 1008 (mv *Marine Explorer*) (HH.220/470/03).

2149* ENGLAND, West Coast — Severn Estuary — Port of Bristol — King Road — Denny Shoal Southwards — Depths

Insert	depth 7 ₉ m	(a) 51° 30'·144N., 2° 45'·100W.
Delete	depth 9 ₂ m	adjacent to (a) above

Chart [*Last correction*].— **1859** (INT 1655) (plan A, King Road) [1635/00]
Bristol Port Company (HH.218/430/07).

II

2150* ENGLAND, West Coast — Severn Estuary — Portishead — Black Nore Point — Light

Amend range of light to, 17M 51° 29'·1N., 2° 48'·0W.

Chart [*Last correction*].— **1176** (INT 1654) (**plan A, Clevedon to Redcliff Bay**) & **1176** [49/00]

Light List Vol. A/00, 5482

Trinity House Notice 50/99 (HH.218/430/07).

2151* ENGLAND, South Coast — Royal Sovereign Shoals — Buoy

Substitute port-hand can light-buoy with topmark, Q.R,
for port-hand can buoy with topmark 50° 44'·2N., 0° 25'·9E.

Chart [*Last correction*].— **536** (INT 1740) [164/00] — **2451** (INT 1704) [1798/00] — **5605·5** [*New Chart 6/1/00*]

Trinity House Notice 19/00 (HH.232/720/08).

2152 NORWAY, South Coast — Oslofjorden — Loperen — Kvernskjærgrunnen — Light

Amend sectors at light, Oc.WRG.6s7m10-7M as follows: 59° 02'·3N., 10° 58'·3E.

G 210° - 003°·5 (153°·5)

W 003°·5 - 018° (14°·5)

R 018° - 093° (75°)

Remaining sectors unchanged

Chart [*Last correction*].— **3160** [*New Chart 30/12/99*]

Light List Vol. B/00, 2233.5

Norwegian Notice 7/305/00 (HH.311/560/02).

2153 SWEDEN, West Coast — Approaches to Göteborg — Hake Fjord — Buoy

Substitute starboard-hand conical light-buoy, Fl(2)G.6s No 10/12,
for starboard-hand spar light-buoy, Fl.G.3s 57° 40'·53N., 11° 44'·58E.

Chart [*Last correction*].— **3663 (panel A)** [1707/00]

Swedish Notice 16-17/429/00 (HH.317/540/02).

2154 BALTIC SEA — Sweden, East Coast — Stockholms Skärgård — Stockholms Hamn — Saltsjön — Submarine cable

Insert submarine cable joining:
59° 18'·92N., 18° 06'·42E.(shore)
59° 18'·96N., 18° 06'·48E.
59° 19'·04N., 18° 06'·46E.
59° 19'·12N., 18° 06'·37E.
59° 19'·21N., 18° 06'·33E.
59° 19'·33N., 18° 06'·23E.(shore)

Chart [*Last correction*].— **3114** [1518/00]

Swedish Notice 16-17/419/00 (HH.318/500/03).

2155 BALTIC SEA — Gulf of Bothnia — Sweden, East Coast — Approaches to Örnköldsvik — Skagsudde — Fog signal

Delete fog signal, Horn(2)30s, at light, (chart 2299, Horn(2)) 63° 11'·33N., 19° 01'·20E.

Chart [*Last correction*].— **57 (plan, Approaches to Örnköldsvik)** [1708/00] — **2299** [2754/99]

Light List Vol. C/00, 5952

Swedish Notice 15/390/00 (HH.318/595/02).

2156 BALTIC SEA — Gulf of Finland — Estonia — Approaches to Muuga Sadam — Aksi — Beacon; Light

Substitute beacon for ★ Fl.G.3s18m4M Aksi,
(chart 2248, beacon for ★ Fl.G.3s4M Aksi) 59° 35'·73N., 25° 06'·03E.

Chart [*Last correction*].— **2225** [1431/00] — **2248** [2063/00]

Light List Vol. C/00, 3851

Estonian Notice 4/44/00 (HH.344/530/02).

2157 BALTIC SEA — Gulf of Finland — Estonia — Tallinn Fishing Harbour — Beacons; Lights; Leading line

Substitute beacon for ★ Iso.R.3s10m4M 59° 26'·8N., 24° 45'·1E.

beacon for ★ Q.R.7m4M 59° 26'·9N., 24° 45'·2E.

Amend legend to, Ldg Bns 213·9° 59° 27'·9N., 24° 46'·6E.

(leading line)

Chart [*Last correction*].— **2227** [2062/00]

Light List Vol. C/00, 3818, 3818.1

Estonian Notice 4/45/00 and Erratum (HH.344/510/03).

II

2158 BALTIC SEA — Germany — Prorer Wiek — Neu Mukran — Buoyage; Lights; Leading line

Substitute	legend, (<i>buoyed channel</i>), for legend, (<i>buoyed</i>)	54° 27'·7N., 13° 36'·2E.
Delete	★ Iso.G.8s68m17M	(a) 54° 30'·2N., 13° 34'·7E.
	★ Iso.G.8s49m16M	(b) 0·4M SSE. of (a) above
	leading line, pecked and firm line, and associated legend, Ldg Lts 337° 24', (chart 2150, and associated legend 337°, 4')	(c) extending in 157° 24' direction from 54° 30'·26N., 13° 34'·20E. (radio mast)

Chart [*Last correction*].— **2365** [1433/00] — **2150** (a-c) [1642/00]
Light List Vol. C/00, 2613, 2613.1
German Notice 16/1516/00 (HH.327/530/04).

2159 BALTIC SEA — Denmark — Kadet Renden — Gedser Rev Northeastwards — Deep draught vessels; Routeing

Insert	the accompanying note, DEEP DRAUGHT VESSELS, centred on:	54° 08'·4N., 12° 23'·0E.
	legend, <i>DEEP DRAUGHT VESSELS</i> (<i>see Note</i>), orientated 196°/016°, centred on:	54° 33'·4N., 12° 13'·4E.

Chart [*Last correction*].— **2365** [2158/00]
Danish Notice 15/104/00 (HH.333/710/03).

2160 NETHERLANDS — Approaches to Oosterschelde — Schouwendiep — Wrecks

Insert	○ Wk, least depth 15 ₂ m	51° 43'·09N., 3° 17'·93E.
	○ Wk, least depth 23m	(a) 51° 40'·43N., 3° 14'·50E.

Chart [*Last correction*].— **110** (INT 1473) [1880/00] — **2449** (a) [1797/00] — **3371** (INT 1416) [1650/00] — **1406** [1797/00]
Netherlands Notice 19/232/00 (HH.340/410/03).

2161 NETHERLANDS — Approaches to Westerschelde — Thornton Bank Northwards and Northeastwards — Wrecks

Insert	○ Wk, least depth 29 ₅ m	(a) 51° 42'·19N., 3° 00'·70E.
	○ Wk, least depth 28 ₅ m	(b) 51° 40'·92N., 3° 10'·26E.
	○ Wk, least depth 29m	(c) 51° 39'·51N., 3° 07'·22E.
	○ Wk, least depth 28m	(d) 51° 36'·60N., 2° 58'·07E.
Substitute	○ Wk, least depth 29 ₅ m, for ○ Wk, least depth 31m	(e) 51° 42'·19N., 3° 00'·70E.
	○ Wk, least depth 28 ₅ m, for ○ Wk, least depth 25m	(f) 51° 40'·92N., 3° 10'·26E.
	○ Wk, least depth 28m, for #, (charts 110 & 3371, for ++)	(g) 51° 36'·60N., 2° 58'·07E.
Delete	○ Wk, least depth 25m	(h) close SE. of (b) above
	○ Wk, unsurveyed clearance depth 25m	(i) 51° 36'·73N., 2° 58'·76E.

Chart [*Last correction*].— **1874** (INT 1474) (g,i) [1530/00] — **110** (INT 1473) (c,e-g,i) [2160/00] — **1872** (g,i) [1532/00] — **2449** (c,d,i) [2160/00] — **3371** (INT 1416) (c,e-g,i) [2160/00] — **1406** (a-d,h,i) [2160/00]
Netherlands Notice 16/186/00 (HH.340/530/05).

2162 NORTH SEA — Danish Sector — Regnar Oil Field — Buoy

Insert	E. cardinal pillar light-buoy, Q(3)10s	55° 23'·2N., 5° 14'·5E.
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Chart [*Last correction*].— **267** [1793/00] — **1404** [1964/00] — **1405** [1792/00]
Danish Notice 13/429/00 (HH.331/500/02).

2163 GERMANY — North Sea Coast — Approaches to Die Elbe — Buoy; Lanby

Substitute	safe water pillar light-buoy with topmark and radar beacon, <i>Elbe Iso.10s Racon (T) (3cm)</i> , for ELBE lanby, (charts 2182A & 2182B, safe water pillar light-buoy with topmark, and radar beacon, <i>Elbe Iso Racon (T) (3cm)</i> , for ELBE light-vessel), (charts 1405 & 3761, safe water pillar light-buoy with topmark and radar beacon, <i>Elbe Iso.10s Racon (T) (3cm)</i> , for ELBE light-vessel)	54° 00'·0N., 8° 06'·6E.
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Chart [*Last correction*].— **3261** [868/00] — **1875** [1794/00] — **3761** [1795/00] — **3767** (INT 1412) [1712/00] — **1405** [2162/00] — **2182A** (INT 1043) [2141/00] — **2182B** (INT 1042) [2141/00]
Light List Vol. B/00, 1332
Admiralty List of Radio Signals Vol. 2, 2000; 5564
German Notice 15/87/00 (HH.328/540/05).

II

2164 FRANCE, North Coast — Approaches to Dunkerque — Banc Breedt — Light-beacon

Insert legend, (*dest*), at light-beacon 51° 05'·0N., 2° 14'·2E.

Chart [*Last correction*].— **1350** [1532/00] — **1873** (INT 1480) [1530/00] — **323** (INT 1564) [1797/00] — **1872** [2161/00] — **5605.11** [1532/00]
French Notice 16/23/00 (HH.351/410/04).

2165 FRANCE, North Coast — La Seine and Approaches to Le Havre — Tancarville to Petite Rade and Banc de Seine Eastwards — Buoyage; Depths; Beacon; Obstruction

Insert starboard-hand pillar light-buoy with topmark, *Q.G Tancarville* (a) 49° 28'·45N., 0° 28'·13E.
depth 1m (b) 49° 29'·80N., 0° 03'·20E.
Amend designation of RN light-buoy to, *RP* (c) 49° 28'·7N., 0° 01'·1W.
Delete Grand Placard Sud light-buoy (d) 49° 28'·04N., 0° 03'·81E.
special beacon (e) close ESE. of (d) above
○ Obstn (f) 49° 28'·7N., 0° 06'·5W.
depth 0₁ m (g) 49° 29'·74N., 0° 03'·30E.

Chart [*Last correction*].— **2990** (INT 1751) (*d,e,g*) [1202/00] — **2994 (lower panel)** (a) [870/95] — **2146** (INT 1750) (*b-g*) [1799/00] — **2613** (INT 1705) (*c,f*) [1799/00] — **2656** (*f*) [1957/00]
French Notices 11/19/00, 12/08/00 & 14/04/00 (HH.351/490/05).

2166 FRANCE, North Coast — Baie de Seine — Approaches to Saint-Vaast-La-Hougue — Petite Rade — Obstruction

Insert ○ Obstn 49° 34'·39N., 1° 14'·51W.

Chart [*Last correction*].— **1349 (plan A, Saint-Vaast-La-Hougue)** [1323/00] — **2135** [3966/99]
French Notice 14/08/00 (HH.351/510/04).

2167 FRANCE, West Coast — La Charente — Approaches to Rochefort — Light

Insert ★ *Fl(4)R.15s* 45° 55'·961N., 0° 57'·029W.

Chart [*Last correction*].— **2748 (inset, Continuation to Tonnay-Charente)** [3968/99]
Light List Vol. D/99, 1266
French Notice 15/12/00 (HH.353/530/02).

2168 FRANCE, West Coast — Approaches to La Gironde — Banc de S. Georges Northwestwards — Obstruction; Buoyage

Insert ○ Obstn 45° 35'·90N., 1° 02'·70W.
Amend No 13 light-buoy to, *Fl(2)G.6s* 45° 37'·40N., 1° 06'·32W.
No 13a light-buoy to, *Fl(3)G.12s* 45° 35'·75N., 1° 04'·12W.
No 12 light-buoy to, *Fl(3)R.12s* 45° 36'·22N., 1° 03'·26W.

Chart [*Last correction*].— **2910** [1535/00]
French Notice 14/16/00 (HH.353/540/04).

2169 MEDITERRANEAN SEA — Spain, East Coast — Golfo de Rosas — La Escala — Light

Amend light to, *Fl(4)R.15s5M* 42° 07'·2N., 3° 08'·9E.

Chart [*Last correction*].— **1704** [1656/00] — **1705** [1324/00]
Light List Vol. E/99, 0475.3
Spanish Notice 15/212/00 (HH.361/680/03).

2170 MEDITERRANEAN SEA — Italy, West Coast — Livorno — Reclamation area; Restricted area; Hydrography

Insert limit of reclamation area, firm line, joining: (a) 43° 33'·805N., 10° 17'·875E.(shore)
(b) 43° 34'·175N., 10° 17'·815E.
(c) 43° 34'·430N., 10° 18'·160E.(shore)
limit of restricted area, pecked line, joining: (d) 43° 33'·755N., 10° 17'·809E.(shore)
(e) 43° 34'·200N., 10° 17'·735E.
(f) 43° 34'·510N., 10° 18'·145E.(shore)
legend, *Being reclaimed (2000)*, centred on: 43° 34'·15N., 10° 18'·00E.
legend, *Entry prohibited* along (d)-(e) above
along (e)-(f) above
Delete hydrography and coastline within (a)-(c) above

Chart [*Last correction*].— **119 (plan, Livorno) & 119** [880/00]
Italian Notice 6/6·2/00 (HH.369/530/02).

II

2171 MEDITERRANEAN SEA — Italy, East Coast — Ortona — Molo Mandracchio and Banchina di Riva — Light; Coastline; Reclamation area; Hydrography

Insert	★ <i>F.R</i>	42° 21'·350N., 14° 24'·653E.
Substitute	coastline, single firm line, for limit of reclamation area, pecked line, joining:	(a) 42° 21'·095N., 14° 24'·640E. (b) 42° 21'·061N., 14° 24'·650E. within (a)-(b) above
Delete	hydrography and former coastline	

Chart [*Last correction*].— **1443 (plan, Ortona)** [1546/00]
Light List Vol. E/99, 2315.1
Italian Notice 6/6·9/00 (HH.370/520/04).

2172 MEDITERRANEAN SEA — Adriatic Sea — Slovenia — Golfo di Trieste — Piran Northwards — Data buoy

Insert	special  with topmark, <i>Fl.Y.9s</i>	(a) 45° 36'·55N., 13° 34'·00E. (b) 45° 36'·5N., 13° 34'·0E.
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Chart [*Last correction*].— **1471 (a)** [3686/99] — **204 (b)** [1718/00]
Italian Notice 5/5·21/00 (HH.379/400/01).

2173 MEDITERRANEAN SEA — Adriatic Sea, Central and Southern Parts — Restricted areas

Insert	the accompanying note, EXPLOSIVES, centred on:	(a) 42° 58'·5N., 19° 06'·5E. (b) 42° 01'·0N., 14° 03'·0E. (c) 39° 03'·6N., 19° 16'·8E.
	limits along arcs of circles as follows:	
	circular restricted area, pecked line, radius 4 miles, from <u>between bearings</u> 253°-073° (limits at (f) below)	(d) 42° 03'·58N., 17° 22'·03E.
	circular restricted area, pecked line, radius 3 miles, centred on:	(e) 42° 00'·00N., 17° 00'·01E.
	limits along arcs of circles as follows:	
	circular restricted area, pecked line, radius 9 miles, from <u>between bearings</u> 073°-253° (limits at (d) above)	(f) 41° 55'·90N., 17° 25'·21E.
	semi circular, limit of restricted area, radius 5 miles, pecked line, centred on:	(g) 40° 41'·00N., 18° 29'·61E.
	semi circular, restricted area, radius 5 miles, pecked line, centred on:	(h) 40° 40'·96N., 18° 29'·61E.
	semi circular, restricted area, radius 5 miles, pecked line, centred on:	(i) 39° 49'·06N., 19° 00'·06E.
	circular limit of restricted area, radius 5 miles, pecked line, centred on:	(j) 39° 49'·00N., 19° 00'·01E
	legend, <i>EXPLOSIVES</i> (<i>see Note</i>), centred on:	(k) within (e) above (l) within (f) above (m) 42° 00'·00N., 16° 58'·50E. (n) within (g) above (o) within (h) above (p) 39° 49'·00N., 19° 03'·50E. (q) 39° 48'·00N., 19° 00'·00E.

Note: The above correction will be included in a New Edition of Chart 186 to be published later in 2000.

Chart [*Last correction*].— **206 (c,i,p)** [1446/00] — **187 (h,o)** [1892/00] — **188 (g,j,n,q)** [1446/00] — **196 (a,d-f,k,l)** [1548/00] — **200 (b,e,m)** [1548/00]
Italian Notice 2/2·13/00 (HH.180/470/03).

2174 BLACK SEA — Ukraine — Approaches to Kerch Strait — Mys Opuk Southwards — Mooring buoys

Insert	 (2 buoys)	44° 49'·8N., 36° 11'·3E.
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Chart [*Last correction*].— **2216** [1552/00]
Russian Notice 13/2018/00 (HH.396/430/03).

2175* AFRICA, East Coast — Mozambique — Approaches to Porto da Beira — Beira to Entrance Channel — Buoyage; Beacons

Insert	port-hand spar buoy	(a) 19° 50'·07S., 34° 49'·55E.
	starboard-hand conical buoy	(b) 19° 50'·12S., 34° 49'·63E.
	beacon	(c) 19° 51'·38S., 34° 56'·25E.
	beacon, PA	(d) 19° 53'·85S., 34° 49'·80E.

Chart [*Last correction*].— **642 (plan, Porto da Beira)** (a,b) [4349/98] — **1003 (c,d)** [3705/98] — **2932 (c)** [3705/98] — **2934 (c)** [3706/98]
RFA Fort George (HH.455/410/02).

II

2176 AFRICA, East Coast — Mozambique — Porto de Quelimane — Ilha Rambe Northwards — Buoy

Delete No 11 buoy 17° 55'·5S., 36° 54'·5E.

Chart [*Last correction*].— **650** [2584/99]
South African Notice 4/03MOZ/00 (HH.455/400/03).

2177* RED SEA — Egypt — Hurghada and Safâga — Light-beacon; Navigational aids

Insert black light-beacon, *Fl(3)20s30m16M* (a) 27° 11'·85N., 33° 58'·96E.
legend, *Navigational Aids* (see NM 2130 (P)/00) (b) 26° 51'·5N., 34° 06'·5E.
(c) 26° 38'·5N., 34° 09'·5E.
(d) 26° 53'·0N., 34° 05'·0E.
(e) 26° 41'·0N., 34° 10'·0E.

Chart [*Last correction*].— **3043 (plan C, Approaches to Safâga)** (b,c) [3591/99] — **2375 (a,d,e)** [1218/00]
Light List Vol. E/99, 6037.6
Ports & Lighthouses Administration, Alexandria Notice 4/00 (HH.474/400/04).

2178* ARABIA — United Arab Emirates — Abū Ḥaby — Mīnā' Zāyid — Dredged areas

Amend legend to, *Dredged to 15·0m (2000)*, centred on: (a) 24°31'·11N., 54°23'·59E.
legend to, *Dredged to 13·0m (2000)*, centred on: (b) 24°31'·55N., 54°23'·13E.
Delete former limit of dredged area, pecked line, joining: (c) 24°32'·14N., 54°23'·22E.
(existing limit)
(d) 24°31'·52N., 54°22'·89E.
(existing limit)
legend, *Dredged to 11·5m (1981)*, centred on: (e) 24°31'·80N., 54°23'·00E.
former limit of dredged area, pecked line, joining: (f) 24°31'·63N., 54°22'·74E.
(existing limit)
legend, *Dredged to 9·7m (1981)*, centred on: (g) 24°31'·33N., 54°23'·16E.(shore)
(h) 24°31'·45N., 54°22'·98E.
(i) 24°31'·31N., 54°23'·19E.(shore)
(j) 24°31'·24N., 54°23'·30E.
(k) 24°31'·21N., 54°23'·42E.
(l) 24°31'·32N., 54°23'·56E.
(existing limit)
legend, *Dredged to 13·0m Rep (1989)*, centred on: (m) 24°31'·19N., 54°23'·43E.

Chart [*Last correction*].— **3715 (plan, Mīnā' Zāyid) & 3715 (b-d,f,g)** [3537/99] — **3713 (b-d,f,g)** [4643/99]
Seaport Authority, Mina Zayed (HH.488/470/03).

2179 INDIA, West Coast — Diu Head Eastwards — Diu — Light

Insert ★ *Fl.20M* (a) 20° 42'·8N., 70° 59'·8E.
Amend light to, *Fl.2s45m20M SS (Storm)* (b) (a) above

Chart [*Last correction*].— **1474 (b)** [999/00] — **2736 (a)** [1985/00] — **707 (a)** [1900/00]
Light List Vol. F/99, 0420
Indian Notice 7/160/00 (HH.502/420/03).

2180 INDIA, West Coast — Approaches to Bombay — Māhim Bay Southwestwards and Northwestwards — Lights; Diffuser; Works

Insert ★ *Fl.R.5s4M Dn* (a) 19° 00'·07N., 72° 47'·28E.
(b) 19° 00'·13N., 72° 47'·14E.
○ *Diffuser* (c) 19° 01'·5N., 72° 47'·4E.
★ *2Fl.R.4M* (d) 19° 00'·1N., 72° 47'·2E.
(e) 19° 02'·9N., 72° 47'·6E.
Delete legend, *Works in progress (1998)* (f) close N. of (b) above

Chart [*Last correction*].— **2621 (a-c,f)** [1664/00] — **1487 (d,e)** [1985/00]
Light List Vol. F/99, 0510, 0510.1, 0510.2, 0510.3
Indian Notices 6/136/00 & 8/176/00 (HH.502/460/03).

II

2142 CHINA, South-East Coast — Tai Pang Wan (Mirs Bay) — Yantian Gang — Depths; Port developments; Coastline; Hydrography

- Insert the accompanying block, showing amendments to depths and port developments, centred on:
- coastline, pecked line, joining:
- legend, *Being reclaimed (1999)*, centred on:
depth 38 m enclosed by 5m contour
- Delete legend, *Being reclaimed (1994)*, centred on:
hydrography and former coastline
depth 74 m
depth 68 m
- (a) 22° 34'·3N., 114° 15'·7E.
(b) 22° 34'·3N., 114° 15'·5E.
(c) 22° 33'·785N., 114° 14'·697E.
(W. border of block)
(d) 22° 33'·648N., 114° 14'·394E.
(e) 22° 33'·493N., 114° 14'·155E.(shore)
(f) 22° 33'·87N., 114° 14'·57E.
(g) 22° 33'·596N., 114° 14'·582E.
(h) 22° 33'·31N., 114° 13'·78E.
(i) within (c)-(e) above
(j) 0·04M N. of (g) above
(k) 0·155M W. of (g) above

Chart [*Last correction*].— **3544** (a,c-k) [655/00] — **939** (b) [2092/00]
Chinese Chart 15382 (HH.548/447/01).

2143 CHINA, East Coast — Wenzhou Wan — Light; Depths; Buoyage; Anchorage areas; Restricted areas

- Insert the accompanying block, showing amendments to a light, depths, buoyage, anchorage area and anchoring and fishing prohibited areas, centred on:
port-hand pillar light-buoy with topmark, *Fl.R.4s S4*
limit of restricted area, anchoring and fishing prohibited, pecked line, joining:
- 27° 57'·7N., 121° 03'·0E.
27° 58'·31N., 120° 57'·85E.
27° 59'·07N., 120° 58'·80E.
(W. border of block)
27° 59'·30N., 120° 57'·90E.
and
27° 58'·76N., 120° 58'·80E.
(W. border of block)
(a) 27° 58'·97N., 120° 58'·03E.
(existing limit)
- Delete former limit of restricted area, anchoring and fishing prohibited, pecked line, joining:
- (a) above
0·15M NNW. of (a) above

Chart [*Last correction*].— **1763** (panel, Continuation of Wenzhou Wan) [2853/96]
Light List Vol. F/99, 3661.5
Chinese Chart 13715 (HH.548/465/02).

2181 CHINA, South Coast — Hainan — Sanya — Less water

- Insert legend, *Less water Repd (2000)*, centred on:
- 18° 14'·05N., 109° 28'·55E.

Chart [*Last correction*].— **3893** (plan, Sanya) [1731/00]
UK Hydrographic Office (HH.548/414/02).

2182 CHINA, South-East Coast — Hong Kong — Siu Mo To and Ma Wan — Buoy; Light

- Amend Siu Mo To 2 light-buoy to, *Fl.Y.6s*
light to, *Fl.3s15m10M*
- 22° 20'·5N., 113° 58'·7E.
(a) 22° 20'·9N., 114° 03'·3E.

Chart [*Last correction*].— **3280** (INT 5509) (a) [2094/00] — **1919** (INT 5510) [1990/00]
Light List Vol. F/99, 3530
Marine Department, Hong Kong Notice 53/00 (HH.550/406/05).

2183 CHINA, South-East Coast — Approaches to Hong Kong Harbour — Rambler Channel — Tsing Yi Bridge — Lights

- Amend light to, *F.R*
- 22° 20'·868N., 114° 06'·769E.
22° 20'·886N., 114° 06'·837E.

Chart [*Last correction*].— **3280** (INT 5509) [2182/00]
Light List Vol. F/99, 3535.666, 3535.668
Hong Kong Notice 8/15/00 (HH.550/404/08).

2184 CHINA, South-East Coast — Hong Kong — Kowloon — Tsim Sha Tsui — Light

- Insert ★ *Fl.R.3s6m3M*
- 22° 18'·037N., 114° 09'·950E.

Chart [*Last correction*].— **3279** (INT 5513) [1811/00]
Light List Vol. F/99, 3548
Marine Department, Hong Kong, Notice 42/00 (HH.550/402/06).

II

2185 JAPAN — Kyūshū, East Coast — Hososhima — Industrial Port — Mooring buoy

Delete  32° 25'·99N., 131° 39'·03E.

Chart [*Last correction*].— **676 (plan, Hososhima and Approaches)** [1240/00]
Japanese Notice 17/594/00 (HH.564/442/02).

2186 JAPAN — Seto Naikai — Ōita — Nishi-Ōita Hakuchi — Lights

Amend light to, *FFl.G.4s12m3/10M* 33° 14'·87N., 131° 35'·38E.
light to, *FFl.R.4s12m4/11M* 33° 14'·88N., 131° 35'·29E.

Chart [*Last correction*].— **626 (plan, Ōita)** [1696/00]
Light List Vol. F/99, 4950, 4951
Japanese Notice 15/522/00 (HH.568/428/02).

2187 JAPAN — Honshū, South-West Coast — Kanmon Kaikyō — Kanmon Kō — Sotohama — Light; Breakwaters

Insert ★ *FFl.R.4s7m5/10M* (a) 33° 57'·13N., 130° 56'·85E.
Substitute breakwater, double firm line, width 8m, for breakwater
under construction, double pecked line, joining: (a) above
33° 57'·16N., 130° 56'·88E.(shore)

Chart [*Last correction*].— **1578** [2100/00]
Light List Vol. F/99, 5353
Japanese Chart 17/592/00 (HH.568/404/02).

2188 JAPAN — Honshū, East Coast — Hitachi Kō — Depths; Hydrography

Insert 2m contour joining: 36° 28'·36N., 140° 37'·00E.
(existing contour)
36° 28'·60N., 140° 37'·34E.
5m contour joining: (a) 36° 28'·33N., 140° 37'·10E.
(existing contour)
(b) 36° 28'·60N., 140° 37'·37E.
(existing contour)
36° 28'·53N., 140° 37'·38E.
Delete depth 6·5 m within (a)-(b) above
hydrography 0·16M E. of (a) above
depth 8·7 m 0·12M NNE. of (a) above
depth 7·7 m 0·25M ENE. of (a) above
depth 9m 0·10M SSW. of (b) above
depth 9·3 m 0·14M SE. of (b) above

Chart [*Last correction*].— **3373 (plan, Hitachi Kō)** [1178/00]
Japanese Notice 10/320/00 (HH.563/446/02).

2189 JAPAN — Honshū, North Coast — Akita — No 2 Area — Works

Insert legend, *Works in progress (2000)*, centred on: 39° 46'·51N., 140° 00'·60E.

Chart [*Last correction*].— **1388 (plan B, Akita)** [2106/00]—**1390 (plan, Approaches to Akita and Funakawa)** [521/00]

Japanese Notice 16/568(T)/00 (HH.563/520/03).

2190 JAPAN — Hokkaidō, South-West Coast — Mitsuishi Kō — Lights

Amend lights to, *Fl.R.3s10M & Iso.G.6s9M* 42° 14'·6N., 142° 33'·1E.

Chart [*Last correction*].— **1800** [4658/99] — **1803** [3996/99]
Light List Vol. F/99, 6781, 6783
Japanese Notices 17/582/00 (HH.562/415/04).

2191 JAPAN — Hokkaidō, South Coast — Ayoro Hana Northeastwards — Wave recorder; Submarine cable

Insert ○ *Wave recorder* (a) 42° 27'·83N., 141° 15'·15E.
submarine cable joining: (a) above
42° 28'·33N., 141° 14'·53E. (shore)

Chart [*Last correction*].— **1817** [2293/99]
Japanese Notice 17/581/00 (HH.561/300/05).

II

2192 JAPAN — Hokkaidō, West Coast — Ishikari Wan — Yoichi Wan — Light

Delete ★ FFl.R.6s10m4/10M 43° 11′·7N., 140° 47′·7E.

Chart [*Last correction*].— **1808** [780/00]

Light List Vol. F/99, 6999.4

Japanese Notice 16/547/00 (HH.562/400/08).

2193 KOREA, East Coast — P’ohang Hang Southwards — Lights

Amend light to, *Fl.G.5s12m10M* (a) 36° 01′·01N., 129° 24′·43E.
light to, *Fl.R.5s12m9M* 0·2M ESE. of (a) above

Chart [*Last correction*].— **898 (plan B, P’ohang and Approaches)** [1919/00]

Light List Vol. F/99, 4412.5, 4412.6

Korean Notice 14/178/00 (HH.557/468/02).

2194 RUSSIA — Pacific Coast — Gulf of Tartary — Port Vanino — Pier No 3 — Light; Jetty

Insert ★ *Fl.4s5M* (a) 49° 05′·365N., 140° 16′·527E.
jetty, double firm line, width 40m, joining: close NW. of (a) above
(existing jetty)
(a) above

Chart [*Last correction*].— **2161 (plan A, Port Vanino)** [3512/99]

Light List Vol. F/99, 7652.6

Russian Notice 12/1859/00 (HH.570/440/03).

2195 INDONESIA — Irian Jaya, North Coast — Soepiori, South Coast — Korido — Light-beacons

Insert starboard-hand light-beacon with topmark, *Fl.G.10s43ft8M* (a) 0° 50′·40S., 135° 35′·28E.
port-hand light-beacon with topmark, *Fl.R.10s50ft8M* (b) 0° 50′·35S., 135° 35′·22E.
★ *Fl.R.8M & Fl.G.8M* (c) 0° 50′·4S., 135° 35′·3E.

Chart [*Last correction*].— **2467 (plan, Rede Korido) (a,b)** [4048/98] — **3249 (c)** [3809/98]

Light List Vol. K/00, 3392.72, 3392.73

DG SeaComm, Indonesia (HH.531/500/03).

2196 AUSTRALIA — Queensland — Moreton Bay — Canaipa Passage — Light-beacons

Insert light-beacon, *Fl.G.3s*, with Δ topmark 27° 39′·16S., 153° 23′·97E.
Substitute light-beacon, with can topmark, *Fl.R.2·5s*,
for port-hand beacon 27° 37′·65S., 153° 24′·13E.
light-beacon, with can topmark, *Fl.R.3s*,
for port-hand beacon 27° 38′·14S., 153° 24′·69E.
27° 39′·33S., 153° 23′·73E.
light-beacon, with Δ topmark, *Fl.G.3s*,
for starboard-hand beacon 27° 38′·61S., 153° 25′·13E.
27° 38′·86S., 153° 24′·59E.
special light-beacon, *Fl.Y.3s*, with topmark,
for special beacon 27° 38′·64S., 153° 24′·99E.
Delete starboard-hand beacon 27° 39′·25S., 153° 23′·90E.

Chart [*Last correction*].— **Aus 236** [2011/00]

Light List Vol. K/00, 2902.7, 2902.71, 2902.72, 2902.73, 2902.76, 2902.77, 2902.78

Australian Notice 7/202/00 (HH.571/009/00).

2197 AUSTRALIA — Queensland — Point Cartwright Northeastwards — Foul; Depth

Substitute # for depth 20₁ m 26° 39′·2S., 153° 12′·7E.

Chart [*Last correction*].— **Aus 235** [416/00]

Australian Notice 7/203/00 (HH.571/009/00).

2198 AUSTRALIA — Queensland — Bundaberg — Long Reach — Light-beacons

Insert light-beacon, *Fl.Y.3s* 24° 46′·892S., 152° 23′·009E.
24° 46′·989S., 152° 23′·029E.

Chart [*Last correction*].— **Aus 243** [3800/99]

Light List Vol. K/00, 2958.75, 2958.751

Australian Notice 7/204/00 (HH.571/009/00).

II

2199 PAPUA NEW GUINEA — Hood Point to Mauru Point — Light-beacon; Lights

Insert	port-hand light-beacon, <i>Fl.R.2-5s</i>	(a)	8° 51'·3S., 146° 32'·1E.
Amend	light range to, <i>10M</i>	(b)	9° 32'·4S., 146° 08'·0E.
		(c)	9° 29'·8S., 147° 11'·3E.
		(d)	8° 49'·9S., 146° 31'·7E.
		(e)	9° 16'·4S., 146° 54'·0E.
		(f)	9° 25'·8S., 146° 52'·9E.
		(g)	9° 32'·4S., 147° 07'·9E.
		(h)	10° 06'·2S., 147° 43'·6E.

Chart [*Last correction*].— **Aus 621** (b,c) [391/98]— **Aus 379** (a,c-g) [391/98]— **Aus 380** (b,c,h) [1170/99]— **Aus 4620** (d,e) [338/00]— **4621** (INT 621) (d,e) [909/00]
 Light List Vol. K/00, 3457, 3458, 3459.1, 3464, 3464.4, 3465, 3466
 Australian Notice 7/208/00 (HH.571/009/00).

2200 PAPUA NEW GUINEA — Brumer Island — Depths

Insert	depth 9 ₅ fm enclosed by 10fm contour	10° 47'·82S., 150° 30'·08E.
Substitute	depth 7fm for depth 8fm	10° 45'·9S., 150° 35'·3E.
Delete	depth 13fm Repd (1982) enclosed by 20fm contour	10° 48'·8S., 150° 19'·1E.
	depth 17fm enclosed by 20fm contour	10° 50'·9S., 150° 27'·4E.
	depth 10fm enclosed by 10fm contour	10° 47'·2S., 150° 30'·4E.

Chart [*Last correction*].— **Aus 381** [1369/00]
 Australian Notice 7/209/00 (HH.571/009/00).

2201 PAPUA NEW GUINEA — New Britain — Simpson Harbour — Dawapia — Light-beacon; Beacon

Insert	light-beacon, <i>Fl(2)R.6s4m4M</i> , with can topmark, (main sheet, <i>Fl(2)R.6s</i>)	(a)	4° 14'·140S., 152° 10'·125E.
Delete	beacon		close SE. of (a) above

Chart [*Last correction*].— **Aus 680** (plan, Simpson and Matupit Harbours) & **Aus 680** [910/00]
 Light List Vol. K/00, 3493.5
 Australian Notice 7/210/00 (HH.571/009/00).

2202 AUSTRALIA — Western Australia — Rottnest Island — Thomson Bay to Monday Rock — Beacons

Insert	S. cardinal beacon with topmark	31° 59'·74S., 115° 32'·72E.
	W. cardinal beacon with topmark	31° 59'·64S., 115° 32'·65E.
	starboard-hand beacon with topmark	31° 59'·21S., 115° 32'·10E.

Chart [*Last correction*].— **Aus 112** [4006/99]
 Australian Notice 7/212/00 (HH.571/009/00).

2203 AUSTRALIA — Tasmania — Port Dalrymple — Sawyers Point — Coastline; Works

Substitute	coastline, firm line, for limit of works area, pecked line, joining:	(a)	41° 08'·378S., 146° 51'·295E.
		(b)	41° 08'·393S., 146° 51'·299E.
		(c)	41° 08'·367S., 146° 51'·442E.
		(d)	41° 08'·352S., 146° 51'·438E.
Delete	legend, Works in Progress (1997)	(e)	within (a)-(d) above
	former coastline, firm line, joining:	(f)	(a)-(d) above

Chart [*Last correction*].— **Aus 167** (plan, Bell Bay) (a-e) & **Aus 167** (a-d,f) [1922/99]
 Australian Notice 7/215/00 (HH.571/009/00).

2204 AUSTRALIA — Tasmania — Tamar River — Oak Bluff — Beacons; Light; Leading line

Substitute	beacon, 2 Bns, for ★ F.WG and associated sectors	(a)	41° 13'·18S., 146° 54'·72E.
Insert	leading line, pecked for 250m, then firm line for 560m	(b)	in 330° 15' direction from (a) above
	legend, 150° 15'		seaward end of (b) above

Chart [*Last correction*].— **Aus 168** (panel 1) [789/00]
 Light List Vol. K/00, 3593
 Australian Notice 7/216/00 (HH.571/009/00).

2144 SOUTH PACIFIC OCEAN — Archipel des Tuamotu — Iles de la Société — Tetiaroa Westwards — Firing and practice area; Depth

Insert	the accompanying block, showing a firing and practice area, centred on:	16° 50'·0S., 149° 47'·5W.
	the accompanying note, FIRING AND PRACTICE AREA, centred on:	14° 45'·0S., 143° 54'·5W.
	depth 342fm enclosed by 1000fm contour	17° 29'·1S., 150° 10'·0W. (W. border)

Chart [*Last correction*].— **998** [1833/99]
 French Chart 6688 (HH.595/420/02).

II

2205 SOUTH PACIFIC OCEAN — Nouvelle-Calédonie — Approaches to Baie du Prony — Récif Péo 3 — Light-beacon; Buoy

Insert W. cardinal light-beacon, VQ(9)10s6M (a) 22° 28'50S., 166° 57'93E.
Delete W. cardinal pillar light-buoy, VQ(9)10s close SSW. of (a) above

Chart [*Last correction*].— **2906** [4159/98] — **936** (a) [1586/00]
Light List Vol. K/00, 4797.5
French Notice 15/27/00 (HH.585/440/02).

2206 NORTH AMERICA, West Coast — Alaska — Prince William Sound — Icy Bay — Depths

Substitute depth 7fm for depth 8₃ fm 60° 13'8N., 148° 19'6W.

Chart [*Last correction*].— **3364** [1267/00]
U.S. Chart 16683 (HH.611/415/04).

2207 NORTH AMERICA, West Coast — British Columbia — Chatham Sound — Triple Islands — Light; Fog signal

Amend light to, Fl(2)9s28m16M, (charts 3754 & 1923, Fl(2)9s16M), (a) 54° 17'7N., 130° 52'8W.
(charts 2430 & 3993, Fl(2)16M)
Delete fog signal, Horn(1)60s, at light, (chart 1923, Horn),
(charts 2430 & 3993, Dia) (a) above

Chart [*Last correction*].— **2435** [671/98] — **3754** (a) [1923/00] — **1923** [96/98] — **2430** [1923/00] — **3993** [1923/00]
Light List Vol. G/99, 5812
Canadian Notice 4/3957/00 (HH.600/465/03).

2208 NORTH AMERICA, West Coast — British Columbia — Strait of Georgia — Approaches to Deltaport Westshore Terminals — Anchor berth

Insert anchor berth, R 49° 00'77N., 123° 12'23W.

Chart [*Last correction*].— **79** [1926/00]
Canadian Notice 4/3490/00 (HH.600/420/02).

2209 NORTH AMERICA, West Coast — British Columbia — Vancouver Island — Esquimalt — Constance Cove — Works; Lights

Insert legend, *Works in progress (2000)*, centred on: 48° 26'00N., 123° 25'55W.
48° 26'07N., 123° 25'45W.
Delete ★ F.R. 48° 26'041N., 123° 25'520W.
48° 26'045N., 123° 25'512W.
48° 26'050N., 123° 25'443W.

Chart [*Last correction*].— **1897 (plan C, Constance Cove)** [4287/99]
Light List Vol. G/99, 5308.5, 5308.55
Canadian Notice 4/3419/00 (HH.600/405/04).

2210 NORTH AMERICA, West Coast — Washington — Puget Sound — Port Townsend Canal — Light

Amend range of '6' light to, 3M 48° 01'43N., 122° 43'50W.

Chart [*Last correction*].— **46** [*New Edition 27/5/99*]
Light List Vol. G/99, 4796
U.S. Notice 21/18464/00 (HH.612/480/04).

2211 SOUTH AMERICA, West Coast — Peru — Salaverry — Mooring buoys

Move  from: 8° 12'879S., 78° 59'314W.
to: 8° 12'901S., 78° 59'320W.
 from: 8° 12'760S., 78° 59'229W.
to: (a) 8° 12'771S., 78° 59'252W.
 from: 8° 12'679S., 78° 59'261W.
to: 8° 12'669S., 78° 59'309W.
 from: 8° 12'660S., 78° 59'344W.
to: 8° 12'656S., 78° 59'419W.
Delete  170m W. of (a) above

Chart [*Last correction*].— **3089 (plan, Salaverry)** [4581/99]
Peruvian Notice 3/13/00 (HH.643/480/02).

II

2212 SOUTH AMERICA, West Coast — Chile — Golfo de Ancud — Quemchi — Light

Amend range of light to, 8M 42° 08'·9S., 73° 28'·6W.

Chart [*Last correction*].— **1313** [2028/00] — **3749** [918/00]

Light List Vol. G/99, 1662

Chilean Notice 3/33/00 (HH.647/530/05).

2213 SOUTH AMERICA, West Coast — Chile — Boca del Guafo — Islas Guaitecas — Punto Melinka — Light

Amend light to, *Fl.R.6s3M* 43° 54'·1S., 73° 44'·9W.

Chart [*Last correction*].— **1288** [1038/00] — **1289** [2028/00]

Light List Vol. G/99, 1588

Chilean Notice 3/35/00 (HH.647/520/04).

2214 SOUTH AMERICA, East Coast — Approaches to Rio de la Plata — Banco Rouen — Obstruction

Delete ⦿ Obstrn 35° 41'·3S., 55° 58'·2W.

Chart [*Last correction*].— **3065** [1931/00]

UK Hydrographic Office (HH.651/410/04).

2215 SOUTH AMERICA, East Coast — Brazil, East Coast — Approaches to Porto de Natal — Pilot boarding place

Insert ① 5° 44'·80S., 35° 10'·50W.

Delete ① (a) 5° 45'·10S., 35° 11'·20W.

Chart [*Last correction*].— **504 (plan, Porto de Natal) (a) & (plan, Approaches to Porto de Natal)** [*New Edition 13/1/00*]

Admiralty List of Radio Signals Vol. 6 (2), 1999/2000: H1220 (12/00)

Brazilian Notice 7/36/00 (HH.657/410/02).

2216 CARIBBEAN SEA — Venezuela — Puerto Cabello — Fortín Libertador — Buoy

Insert port-hand pillar light-buoy, *Fl.G.6s* 10° 28'·99N., 68° 00'·68W.

Chart [*Last correction*].— **1628 (plan, Puerto Cabello)** [1278/00]

Venezuelan Notice 21/00 (HH.668/480/02).

2217 CARIBBEAN SEA — Venezuela, Northwards — Archipelago las Aves and Archipelago Los Roques — Aves de Sotavento Northwards and Cayo de Agua — Lights

Amend light to, *Fl.7s16m12M*, (chart 1966, *Fl.7s52ft12M*) 12° 03'·5N., 67° 40'·7W.

light to, *Fl.15s17m12M*, (chart 1966, *Fl.15s56ft12M*) 11° 50'·2N., 66° 57'·3W.

Chart [*Last correction*].— **2192** [1277/00] — **1966** [3716/99]

Light List Vol. J/99, 6419, 6425

Venezuelan Lights List (HH.668/610/01).

2218 CARIBBEAN SEA — Venezuela — Golfo de Venezuela — Península de Paraguaná — Punta Macolla — Light

Amend light to, *Fl.10s48m18M*, (chart 1966, *Fl.10s157ft18M*) 12° 05'·7N., 70° 12'·5W.

Chart [*Last correction*].— **2193** [3716/99] — **2194** [2131/99] — **1966** [2217/00]

Light List Vol. J/99, 6312

Venezuelan Lights List (HH.668/510/02).

2219 WEST INDIES — Cuba, South Coast — Approaches to Puerto Masio — Light-beacons

Insert starboard-hand light-beacon with topmark, *Fl.R.6s3M* '8' 21° 41'·58N., 79° 53'·37W.

port-hand light-beacon with topmark, *Fl.G.3s3M* '9' 21° 41'·75N., 79° 53'·68W.

Chart [*Last correction*].— **98 (plan, Puerto Casilda and Puerto Masio and Approaches)** [926/00]

Light List Vol. J/99, 5088.2, 5088.3

Cuban Notice 1/11/00 (HH.682/420/02).

2220 GULF OF MEXICO — Texas — Approaches to Freeport — Wreck

Insert ⦿ PA 28° 47'·5N., 95° 25'·2W.

Chart [*Last correction*].— **3854** [1847/00] — **3849** [1843/00]

U.S. Notice 20/11321/00 (HH.616/181/00).

II

2221 GULF OF MEXICO — Louisiana — Outer Approaches to Calcasieu Pass — Platform; Well

Insert  (lighted) (a) 28° 33'·5N., 92° 48'·0W.
Delete  Well least depth 22fm (b) (a) above

Chart [*Last correction*].— **3854** (a) [2220/00] — **3850** (b) [1848/00]
U.S. Notice 21/11330/00 (HH.616/181/00).

2222 GULF OF MEXICO — Louisiana — Trinity Shoal to Ship Shoal Eastwards — Submarine pipelines; Fish haven; Well

Insert submarine pipeline joining: (a) 27° 50'·0N., 92° 30'·3W.
27° 52'·5N., 92° 30'·7W.
and
27° 50'·3N., 92° 31'·2W.
(a) above
 (19)
 Well, least depth 15fm (b) 28° 14'·5N., 91° 45'·5W.
28° 25'·2N., 90° 39'·2W.

Chart [*Last correction*].— **3850** [2221/00] — **3851** (b) [1850/00]
U.S. Chart 11340 (HH.616/183/03).

2223 GULF OF MEXICO — Louisiana — Ship Shoal Southwestwards — Obstruction

Insert  *Obstn PA* 28° 29'·0N., 91° 16'·0W.

Chart [*Last correction*].— **3850** [2222/00] — **3851** [2222/00]
U.S. Notice 21/11004/00 (HH.616/181/00).

2224 GULF OF MEXICO — Louisiana — Chandeleur Islands Eastwards — Wreck

Insert  *PA* 29° 46'·58N., 88° 46'·87W.

Chart [*Last correction*].— **3858** [1850/00]
U.S. Notice 21/11363/00 (HH.616/181/00).

2225 GULF OF MEXICO — Mississippi Delta Southwestwards — Data buoy

Insert  *Fl(4)Y.20s ODAS '42041' ,*
(chart 3850,  *Fl(4)Y.20s ODAS '42041' PA*) 27° 13'·5N., 90° 26'·0W.

Chart [*Last correction*].— **3850** [2223/00] — **4401** (INT 401) [928/00] — **4400** (INT 400) [4401/99] — **4012** (INT 12) [1971/00]
U.S. Chart 11340 (HH.614/003/03).

2226 GULF OF MEXICO — Alabama — Approaches to Pensacola Bay — Wreck

Insert  *PA* 30° 05'·4N., 87° 23'·1W.

Chart [*Last correction*].— **3851** [2223/00]
U.S. Notice 20/11360/00 (HH.616/181/00).

2227 GULF OF MEXICO — Mississippi River — Southwest Pass — Light

Insert  *Q.30ft5M* 28° 53'·98N., 89° 26'·26W.

Chart [*Last correction*].— **3382** (plan, Southwest Pass) & (panel 1) [1602/00]
Light List Vol. J/99, 3720
U.S. Notice 21/11361/00 (HH.615/445/02).

2228 NORTH AMERICA, East Coast — Approaches to Winyah Bay — Winyah Bay Entrance — Depths; Obstructions; Wreck; Recommended anchorage

Insert depth 24ft enclosed by 30ft contour 33° 10'·897N., 79° 06'·055W.
depth 22ft enclosed by 30ft contour 33° 10'·985N., 79° 05'·602W.
depth 25ft 33° 13'·046N., 79° 07'·030W.
depth 6ft enclosed by 6ft contour 33° 12'·142N., 79° 07'·930W.
 *Obstn*, least depth 31ft (a) 33° 12'·180N., 79° 05'·313W.
 *Obstn*, least depth 29ft 33° 12'·695N., 79° 05'·315W.
 *Wk*, least depth 28ft 33° 12'·760N., 79° 05'·345W.
Delete  close SW. of (a) above

Chart [*Last correction*].— **2804** [1935/00]
U.S. Notice 21/11532/00 (HH.614/610/06).

II

2229 NORTH AMERICA, East Coast — North Carolina — Morehead City — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS, for existing table, centred on: 34° 14'·9N., 76° 45'·0W.

Chart [*Last correction*].— **3686** [1481/00]
U.S. Notice 21/11547/00 (HH.614/011/00).

2230 NORTH AMERICA, East Coast — Rhode Island and Massachusetts — Mount Hope Bay and Fall River — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS, for existing table, centred on: 41° 38'·4N., 71° 10'·4W.

Chart [*Last correction*].— **2732 (panel 3, Sandy Point to Fall River)** [1760/00]
U.S. Notice 21/13227/00 (HH.614/011/00).

2231 NORTH AMERICA, East Coast — Massachusetts — Approaches to Salem Harbor — Buoyage

Insert	starboard-hand conical buoy, “2”	42° 31'·26N., 70° 50'·04W.
Amend	designation of port-hand buoy to, “3”	(a) 42° 31'·39N., 70° 50'·65W.
	designation of starboard-hand buoy to, “4”	close NE. of (a) above
	designation of starboard-hand buoy to, “6”	42° 31'·48N., 70° 51'·28W.

Chart [*Last correction*].— **2427** [2914/94]
U.S. Notice 20/13276/00 (HH.614/440/05).

2232 NORTH AMERICA, East Coast — Saint Lawrence River — Port de Québec — Bassin Louise Northeastwards — Lights; Leading line

Delete	★ Iso.G.2s28m, (chart 315, ★ Iso.G.2s)	(a) 46° 49'·11N., 71° 12'·18W.
	★ Iso.G.2s20m, (chart 315, ★ Iso.G.2s)	46° 49'·28N., 71° 11'·91W.
	leading line, pecked line for 1·1M then	
	firm line for 0·9M and associated	
	legend, Leading Lights 228° 28',	
	(chart 315, legend, Ldg Lts 228° 28')	extending in direction
		048° 5' from (a) above

Chart [*Last correction*].— **319 (panel 1)** [941/00] — **315 (panel 2)** [225/99]
Light List Vol.H/99, 2318, 2318.1
Canadian Notice 3/1316/00 (HH.605/430/02).

II

2233(P)/00 ENGLAND, East Coast to Netherlands — Lowestoft to Egmond — Submarine cable

1. Cable laying and associated operations for segment 2 of the Pangea telecommunications cable are underway, with the main cable lay planned for a period between late June and late July 2000. This schedule may be delayed in adverse weather conditions.
2. The cable will be laid between the following positions:
 52° 27'·23N., 1° 44'·34E.(shore)
 52° 27'·58N., 1° 47'·91E.
 52° 27'·16N., 1° 56'·84E.
 52° 26'·19N., 2° 01'·92E.
 52° 26'·12N., 2° 02'·79E.
 52° 26'·52N., 2° 10'·83E.
 52° 27'·38N., 2° 11'·71E.
 52° 28'·77N., 2° 13'·36E.
 52° 29'·15N., 2° 13'·94E.
 52° 29'·45N., 2° 16'·94E.
 52° 29'·32N., 2° 20'·74E.
 52° 28'·89N., 2° 33'·41E.
 52° 28'·70N., 2° 43'·61E.
 52° 28'·82N., 2° 45'·90E.
 52° 29'·04N., 2° 50'·28E.
 52° 28'·63N., 2° 55'·74E.
 52° 28'·75N., 3° 03'·98E.
 52° 28'·99N., 3° 08'·32E.
 52° 29'·01N., 3° 12'·69E.
 52° 27'·47N., 3° 18'·42E.
 52° 26'·77N., 3° 23'·00E.
 52° 31'·78N., 3° 40'·27E.
 52° 31'·92N., 3° 42'·89E.
 52° 32'·04N., 3° 43'·46E.
 52° 34'·75N., 3° 50'·45E.
 52° 35'·92N., 3° 53'·99E.
 52° 37'·86N., 4° 00'·76E.
 52° 38'·57N., 4° 14'·40E.
 52° 38'·69N., 4° 18'·06E.
 52° 38'·80N., 4° 18'·79E.
 52° 39'·40N., 4° 21'·09E.
 52° 38'·95N., 4° 27'·41E.
 52° 38'·28N., 4° 33'·30E.
 52° 37'·97N., 4° 34'·72E.
 52° 37'·69N., 4° 35'·36E.
 52° 37'·18N., 4° 36'·79E.
 52° 37'·10N., 4° 37'·30E.(shore)
3. Two initial segments of the cable are in place and extend 5 kilometres seaward from both the Lowestoft and Egmond landing positions.
4. Vessels are requested to give any cable laying vessel a wide berth and to avoid anchoring or trawling in the vicinity of the cable route.
5. Charts will be corrected as appropriate in due course.

Charts affected — 1536 — 1543 — 1504 — 2322 — 1408 — 2182A

Alcatel Submarine Networks (HH.160/300/05).

2234(P)/00 ENGLAND, South Coast — Portsmouth Harbour — Continental Ferry Port — RoRo; Dredged channel; Light-beacons

1. Number 5 RoRo berth at North Quay has been completed and is in operation.
2. The approach to this berth has been dredged to 6·5 metres and is marked on its northern edge by the following light-beacons:
 C2 VQ(6) & LFl.10s 50° 48'·720N., 01° 05'·686W.
 C4 Q.R 50° 48'·732N., 01° 05'·631W.
3. The 2F.G(vert) light on North Quay has been moved and now marks the outside edge of the linkspan structure in position 50° 48'·770N., 01° 05'·531W.
4. These changes will be included on Charts 2629 and 2631 in due course.
5. Former Notice 1155(P)/99 is cancelled.

Charts affected — 2629 — 2631 — 5600.9

Portsmouth Commercial Port (HH.238/400/09).

II

2235(P)/00 CHANNEL ISLANDS — Jersey to France — Archirondel to Surville — Submarine power cable

- Cable laying and associated operations for a power and telecommunications cable, are planned to be undertaken during the period from 14 July to 27 July 2000. The schedule may be delayed if the weather conditions are unfavourable.
- The cables will be laid between the following positions:
49° 12'·79N., 02° 01'·48W. (shore)
49° 12'·89N., 02° 01'·34W.
49° 12'·65N., 02° 01'·00W.
49° 12'·60N., 02° 00'·86W.
49° 12'·52N., 02° 00'·64W.
49° 12'·47N., 02° 00'·23W.
49° 13'·21N., 01° 55'·23W.
49° 14'·19N., 01° 50'·77W.
49° 15'·29N., 01° 46'·86W.
49° 15'·60N., 01° 45'·75W.
49° 16'·75N., 01° 43'·73W.
49° 17'·01N., 01° 42'·12W.
49° 17'·06N., 01° 42'·00W.
49° 17'·13N., 01° 41'·78W.
49° 17'·26N., 01° 41'·24W.
49° 17'·36N., 01° 41'·01W. (shore)
- Vessels are requested to keep well clear of any cable laying vessel and to avoid anchoring or trawling in the vicinity of the cable route.
- Charts will be corrected as appropriate in due course.

Charts affected — 1138 — 3655 — 2669 — 2656
Guernsey Electricity (HH.226/300/03).

2236(T)/00 BRITISH ISLES — Oceanographic buoys and moorings established temporarily

- Oceanographic buoys and moorings will be on station in the positions given below until further notice. The most convenient Admiralty Chart is quoted. This list will be updated as necessary by Temporary Notices to Mariners.

<i>Latitude</i>	<i>Longitude</i>	<i>Type</i>	<i>Light</i>	<i>Chart</i>
39°07'·0N	15°00'·0W	Y. Spar	Unlit	4103
41°29'·0N	13°15'·0W	Y. Spar	Unlit	4103
43°19'·0N	17°19'·0W	Y. Spar	Unlit	4103
45°57'·0N	8°52'·0W	Y. Spar	Unlit	4103
48°40'·0N	10°46'·0W	Y. Spar	Unlit	2649
50°10'·3N	4°16'·0W	Y. Spherical	Fl(5)Y.20s	1613
51°05'·99N	1°38'·21E	Y. Spherical	Fl.Y.10s	323
51°43'·25N	8°17'·70W	Y. Spherical	Fl(5)Y.20s	1765
52°00'·0N	2°20'·0E	Y. Toroidal	Fl(5)Y.20s	3371
52°12'·8N	5°48'·6W	Y. Spherical	Fl(5)Y.20s	1410
52°16'·53N	6°15'·63W	Y. Spherical	Fl(5)Y.20s	1787
52°18'·4N	6°10'·6W	Y. Spherical	Fl(5)Y.20s	1410
52°25'·0N	5°15'·0W	Y. Spherical	Fl(5)Y.20s	1410
52°25'·0N	4°20'·0W	Y. Spherical	Fl(5)Y.20s	1410
52°33'·85N	2°04'·70E	Y. Spherical	Fl(5)Y.20s	1543
52°46'·0N	5°18'·0W	Y. Spherical	Fl(5)Y.20s	1410
52°49'·0N	2°55'·5E	Y. Toroidal	Fl(5)Y.20s	1408
52°58'·69N	10°37'·46W	Y. Toroidal	Fl(5)Y.20s	2173
52°59'·50N	2°52'·00E	Y. Toroidal	Fl(5)Y.20s	1503
53°01'·7N	0°26'·5E	Y. Spherical	Fl(5)Y.20s	108
53°04'·50N	2°35'·50E	Y. Toroidal	Fl(5)Y.20s	1503
53°10'·00N	2°48'·50E	Y. Toroidal	Fl(5)Y.20s	1503
53°15'·75N	3°01'·50E	Y. Toroidal	Fl(5)Y.20s	1503
53°20'·00N	2°45'·00E	Y. Toroidal	Fl(5)Y.20s	1503
53°29'·50N	2°41'·50E	Y. Toroidal	Fl(5)Y.20s	1503
53°37'·1N	2°11'·2E	Y. Toroidal	Fl(5)Y.20s	1187
53°41'·9N	5°34'·6W	Y. Toroidal	Fl(5)Y.20s	1411
53°45'·0N	5°00'·0W	Y. Spherical	Fl.Y.10s	1411
53°47'·18N	04°40'·44E	Y. Toroidal	Fl(5)Y.20s	1411
54°42'·9N	5°45'·9W	Y. Can	Fl. 6s	2198
* 55°02'·6N	2°40'·9E	Y. Toroidal	Fl.Y	2182B
* 55°14'·3N	2°33'·3E	Y. Toroidal	Fl.Y	2182B
* 55°23'·3N	2°27'·4E	Y. Toroidal	Fl.Y	2182B
* 53°37'·0N	2°18'·5E	Y. Toroidal	Fl.Y	2182B
55°37'·35N	4°46'·20W	Y. Can	Fl.Y	2220
56°00'·2N	2°56'·0W	Y. Spherical	Fl(5)Y.20s	734
56°03'·3N	2°52'·0W	Y. Spherical	Fl(5)Y.20s	734
56°04'·6N	2°47'·7W	Y. Spherical	Fl(5)Y.20s	734
56°48'·6N	6°31'·2W	Y. Spar	Fl(5)Y.20s	1796
56°48'·61N	6°30'·86W	Y. Spar	Fl(5)Y.20s	1796
57°40'·0N	10°20'·0W	Y. Spar	Unlit	1128

* Indicates new or revised entry.

- Former Notice 1854(T)/00 is cancelled.
UK Hydrographic Office (HH.111/003/01).

II

2237(T)/00 MEDITERRANEAN SEA — Spain, East Coast — Barcelona — Muelle de Poniente — Works

1. Mariners are advised that a bridge is in progress of being built between Muelle Adosado and Muelle de Poniente, in approximate position 41° 21'·95N., 2° 10'·90E.
2. The construction is marked at its edges closest to the navigable channel, on the two supporting piles as follows:-

Starboard side when entering	Port side when entering
S. side Fl.G.5s1M	S. side Fl.R.5s1M
N. side Fl.G.5s1M	N. side Fl.R.5s1M
3. On the N. and S. faces of both piles there is a traffic control that signals that only vessels with a height of less than 17·5 metres can pass beneath the bridge.

Chart affected — 1180

Spanish Notice 15/211(T)/00 (HH.361/630/03).

2238(P)/00 CHINA, South-East Coast — Tai Pang Wan (Mirs Bay) — Approaches to Haiguan area — Anchorage; Buoyage; Jetties

1. Mariners are advised of the following:
an anchorage area has been established 1·5M west of Chengtou Jiǎo (22° 34'·60N., 114° 26'·00E.).
buoys have been laid 3·0M north-westwards of Chengtou Jiǎo.
three jetties have been built in the vicinity of 22° 36'·90N., 114° 22'·75E., extending up to 0·5 M offshore in a SSE. direction.
2. These and other changes will be included in the next New Edition of Chart 939.

Chart affected — 939

UK Hydrographic Office (HH.548/447/01).

2239(P)/00 CHINA, South-East Coast — Approaches to Shantou — Qiwan Wan Southsoutheastwards — Submarine cable

1. Segment 2-1 of the Sea-Me-We 3 telecommunications cable has been laid between the following positions:
23° 13'·30N., 116° 40'·82E.(shore)
23° 12'·09N., 116° 41'·45E.
23° 11'·66N., 116° 41'·54E.
23° 07'·56N., 116° 43'·53E.
23° 07'·00N., 116° 43'·89E.
23° 01'·00N., 116° 46'·99E.
22° 00'·00N., 117° 04'·00E.
21° 45'·00N., 117° 07'·01E.
2. Vessels are requested to avoid anchoring or trawling in the vicinity of the cable route.
3. Charts will be amended as appropriate in due course.

Charts affected — 854 — 1760 — 1962 — 1968 — 3489

Singapore Telecom (HH.100/308/03).

2240(P)/00 CHINA — Yellow Sea — Yantai — East Channel — Passage Prohibited; Restricted area; Buoyage

1. Mariners are advised of the following changes:
a. The Passage Prohibited through East Channel (Dong Shuidao) (37° 31'·8N., 121° 28'·5E.) has been withdrawn.
b. Buoyage has been laid and anchoring and fishing are prohibited through East Channel (Dong Shuidao).
2. These and other changes will be included in the next New Edition of Chart 1260.

Chart affected — 1260

Chinese Charts 11962 & 11963 (HH.548/512/02).

2241(P)/00 AUSTRALIA — Queensland — Stainer Island — Light

A light, Fl.WGR.10s13m14-10M, will be established in position 13° 58'·2S., 143° 50'·3E., with sectors as follows:

G	129° - 144° (15°)
W	144° - 148° (4°)
R	148° - 155° (7°)
W	155° - 129° (334°)

Charts affected — Aus 374 — Aus 833

Australian Notice 7/222(P)/00 (HH.571/009/00).

2242(T)/00 SOUTH PACIFIC OCEAN — Îles Wallis and Îles Futuna — Fish havens

1. Fish havens, each marked by a black can buoy, surmounted by a mast 2 metres high with a radar reflector, exist off the coast of Îles Wallis in the following positions:
13° 11'·8S., 176° 17'·9W.
13° 23'·5S., 176° 17'·3W.
2. A fish haven, marked by a black can buoy, surmounted by a mast 2 metres high with a radar reflector, exists off the coast of Îles Futuna in the following position:
14° 20'·5S., 178° 07'·0W.
3. These fish havens should be given a wide berth of at least 1500 metres.
4. Former Notices 552(T)/97 and 1298(T)/00 are cancelled.

Charts affected — 968 — 4631 — 4632

UK Hydrographic Office (HH.597/480/02).

II

2243

TEMPORARY AND PRELIMINARY NOTICES

In Force 27th May 2000

(Former Notice 1861/00 cancelled)

Cancelled Notices					
Area	Notice No.	Area	Notice No.	Area	Notice No.
2	1155/99, 1569/99, 554/00	2	557/00, 558/00, 818/00	2	1854/00
3	2396/98, 560/00, 561/00	3	562/00, 563/00	4	565/00, 694/00, 695/00
4	696/00, 697/00, 698/00	4	699/00, 700/00, 701/00	5	226/99, 794/99, 564/00
5	567/00	6	568/00, 570/00, 571/00	7	572/00
8	210/00, 573/00, 574/00	8	575/00, 576/00, 577/00	8	578/00, 579/00
9	1973/98, 580/00	11	904/99, 3647/99, 582/00	12	3118/99, 3301/99
13	583/00, 584/00, 585/00	14	705/00	15	3936/99, 587/00, 593/00
16	589/00, 590/00	17	3458/99, 591/00, 592/00	18	4233/99, 4235/99, 4237/99
18	4240/99, 139/00, 708/00	18	709/00, 710/00, 711/00	18	712/00, 713/00, 1402/00
19	714/00, 715/00	20	552/97, 3194/98, 4011/98	20	594/00, 596/00, 716/00
20	717/00, 1298/00	21	598/00	23	595/00
24	600/00, 718/00	25	602/00, 603/00, 604/00		

No. of Notice	Charts affected	Locality & Subject	Folio(s)
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1. MISCELLANEOUS

2318/99- Dangerous and Non-dangerous wrecks: Depth criteria

2. BRITISH ISLES

111/98-	1178	England, S. coast, Land's End, Sennen Cove Southwestwards and 1,2,16	
		Westsouthwestwards: Submarine cable	
324/98-	1610	England, E. coast, Thames Estuary, Kentish Knock: Depths 7,8,9	
682/98-	1178, 1121, 2	Wales, S. coast, Gower Peninsula, Oxwich Bay to Celtic Sea: 1,2,6	
		Submarine cable	
1070/98-	2800, 44, 1411	Ireland, E. coast, Approaches to Carlingford Lough, Kilkeel Bay: Depths 3	
1071/98-	633	Ireland, E. coast, Ardglass Harbour: Marina; Breakwater 3	
1439/98-	1121	Scotland, W. coast to Ireland, E. coast, Saltcoats to Newtownabbey: 3	
		Submarine cable	
1441/98-	1121	Ireland, E. coast to England, W. coast, Portmarnock to Lytham St Annes: 3	
		Submarine cable	
1442/98-	1165	Wales, S. coast, Swansea Bay, Port Talbot Docks: Approach Channel 2	
2218/98-	1351, 1892, 1610, ..	England, S. coast to Belgium, Kennack Cove to West Hinder: 1,7,9,16	
	2449, 1406, 2182A	Submarine cable	
3085/98-		British Isles, Use of DGPS: Accuracy of Charts	
3584/98-	1478, 1178, 1410, ..	Wales, S. coast to Ireland, SE. coast, Port Eynon to Kilmore Quay: 1,2,3	
	1121	Submarine cable	
4814/98-	2878	Wales, S. coast, Milford Haven: Depth 2	
903/99-	1446	Scotland, E. coast, Aberdeen Harbour: Dredged areas; Pontoon docks; 6	
		Pontoon jetty	
1065/99-	2484	England, E. coast, River Thames, Hole Haven Creek: Depths 8	
1340/99-	1491, 2693, 5607.2	England, E. coast, Approaches to Harwich and Felixstowe, Landguard 7	
	5607.4, 5607.5	Point to Bawdsey Anchorage: Depths	
1395/99-	633	Ireland, E. coast, Malahide Inlet Channel: Reclaimed area; Marina 3	
1852/99-	1536, 1543, 106	England, E. coast, Approaches to Great Yarmouth, Cockle Gatway 7	
		to Caister Road: Depths	
1853/99-	1182, 1176, 1152	Wales, S. coast, Approaches to Cardiff, Cardiff Grounds Southeastwards: 2	
		Buoy; Less water reported	
2226/99-	1536, 1543	England, E. coast, Approaches to Great Yarmouth, Caister Road to 7	
		Cockle Road: Depths	
2319/99-	18, 32,	England, S. coast, Falmouth, Inner Harbour, North Quay: Pontoon; Light 1	
2409/99-	1536, 1543, 106	England, E. coast, Approaches to Great Yarmouth, North Cross Sand to 7	
		South Scroby: Depths	
2514/99-	1610, 2449, 1406	England, SE. coast to Belgium, Approaches to Ramsgate and Oostende, ... 1,7,8,9	
		Dumpton Gap to Bredene: Submarine cables	
2630/99-	1873, 1874, 323, 1872	England, SE. coast to Belgium, Dumpton Gap to Bredene: Submarine cable ... 1,7,8,9	
	1610, 2449, 1406		
2740/99-	1536, 1543	England, E. coast, Approaches to Great Yarmouth and Lowestoft, Corton Sand 7	
		to Stanford Channel; Depths	
2741/99-	1777, 1765, 2049, ..	Ireland, S. coast, Port of Cork, Approaches to The Sound, Fort Davis: 2	
	2424	Light; Leading line	
2932/99-	1182, 1176	Wales, S. coast, Cardiff Docks and Approaches: Barrage under construction ... 2	
3117/99-	2046, 2049, 1410	Ireland, S. coast, Waterford and New Ross Harbours and Approaches: 2,3	
		Harbour developments; Depths; Aids to navigation	

II

2. BRITISH ISLES continued

3209/99-	1431, 44	Ireland, E. coast, Drogheda, River Boyne, Tom Roe's Point:	3
		Harbour developments	
3298/99-	3294	Scotland, Shetland Islands, Mainland, Scalloway: Works	6
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3840/99-	2800	Ireland, E. coast, Carlingford Lough, Warrenpoint: Amendments to	3
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3935/99-	1176	England, W. coast, Severn Estuary, Bristol Deep: Less water	2
4030/99-	2642, 2841	Scotland, W. coast, Outer Hebrides, Sound of Harris; Light-beacons;	5
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4302/99-	1549	Ireland, W. coast, River Shannon, Approaches to Foynes: Light-beacons;	4
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4303/99-	2789	Ireland, SW. coast, Dingle Bay, Castlemaine Harbour: Depths	4
4304/99-	1765, 1773, 1777 . .	Ireland, S. coast, Port of Cork, Approaches to the Sound, Cork Harbour:	2
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4305/99-	2611, 5601.9, 5601.10	England, S. coast, Poole Harbour, Approaches to Poole Yacht Club: Buoy	1
4672/99-		British Isles: Transfer of Admiralty Charts to a horizontal datum	
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133/00-	2022, 1905	England, S. coast, The Solent, River Hamble, Hamble Common:	1
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134/00-	2629, 2631, 5600.9 .	England, S. coast, Portsmouth Harbour, HM Naval Base, Kings Stairs	1
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208/00-	106, 1543, 1504 . . .	England, E. coast, The Would, Waxham and Eccles on Sea: Works;	7
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4406/99-	2111, 1338	Borneo, NW. coast, Brunei, Champion Oilfield Northwards: Platforms; Restricted area; Submarine pipeline	48
1063/00-	3558, 971, 3816, 3817, 3819, 3820, 3821, 3807, 967, 3489, 943, 2660B	Cadlao Oilfield to Batangas: Submarine pipeline	48
2138/00-	3559, 976, 3816, 3806	Philippines Islands, Luzon, W.coast, Nasugbu Westwards: Submarine cable	48

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174/98-	Aus 235, Aus 238	Queensland, Moreton Bay and Brisbane River: Depth information and	66
	Aus 814	Depth information and keel clearances in channels	
177/98-	Aus 680	Papua New Guinea, New Britain, Rabaul, Simpson Harbour: Siltation	67
583/98-	Aus 154	Victoria, Port Phillip, River Yarra: Bridge; Vertical clearance	65
2226/98-	Aus 256, Aus 257	Queensland, Townsville, Breakwater Marina Channel: Shoaling	66
2403/98-	Aus 4	Queensland, Weipa: Depth information	63
2797/98-	Aus 372, Aus 373	Queensland, Fitzroy Island: Obstructions	66
3193/98-	Aus 157, Aus 158	Victoria, Port Phillip, Coles Channel: Beacon	65
3380/98-	Aus 157	Victoria, Geelong: Depth	65
3749/98-	Aus 345, Aus 780	South Australia, Gulf of St Vincent: Obstructions	65
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4754/98-	Aus 249	Queensland, Hay Point: Obstruction	66
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1865/99-	Aus 345, Aus 780	South Australia, Port Noarlunga: Scientific instruments	65
2051/99-	Aus 26	Northern Territory, Darwin, Middle Arm: Obstruction, Buoyage	63
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2943/99-	Aus 378	Papua New Guinea, Gulf of Papua Northwards: Data buoy	67
3215/99-	Aus 236	Queensland, Moreton Bay, Waterloo Bay: Dredging operations	66
4234/99-	Aus 380, 4604, Aus 4620, 4621	Papua New Guinea, Rothery Passage: Light-beacon	66,67
4236/99-	Aus 523	Papua New Guinea, Lae: Depth	67
4238/99-	Aus 399, Aus 461, Aus 683, 4060, 4604, 4622	Papua New Guinea, Bougainville Island: Lights	63,67, 68
4239/99-	Aus 462, 4604, 4622	Papua New Guinea, Manus Island: Lights	67
4407/99-	Aus 373, Aus 831	Queensland, Mackay Reef to Lark Reef: Scientific instruments	66

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18. AUSTRALIA & PAPUA NEW GUINEA continued

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4593/99-	Aus 327	Western Australia, North Rankin: Scientific instrument	63
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4595/99	Aus 143	Victoria, Port Phillip: Buoy; Restricted area	65
135/00-	Aus 200, Aus 202 . .	New South Wales, Port Jackson, Darling Harbour: Harbour works	66
136/00-	Aus 310, Aus 411 . .	Northern Territory, Evans Shoal Eastwards: Current meters	63
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2047/00-	Aus 327, Aus 415 . .	Western Australia, Glomar Shoal Northeastwards: Data buoys	63
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26. EAST COAST OF NORTH AMERICA & GREENLAND

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UK Hydrographic Office (HA.903/05/01/01)

On Chart 3686

To accompany Notice to Mariners 2230/00

On Chart 2732

CHANNEL DEPTHS (see Note)								
MOUNT HOPE BAY-FALL RIVER HARBOR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2000 AND SURVEYS TO JAN - APR 1998								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BUOY 2 (41°39'45"N., 71°13'45"W) TO FIRST TURN	29.0	34.9	34.9	31.5	1,4-98	400	2.68	35
THENCE TO BUOY 15	29.2	35.3	34.9	32.1	1,4-98	400	1.32	35
THENCE TO BRIGHTMAN ST. BRIDGE	22.4	24.7	33.1	33.3	1,4-98	600-100	1.11	35
BRIGHTMAN ST. BRIDGE TO TURNING BASIN	35.8	35.4	35.7	36.3	1,4-98	400	.62	35
TURNING BASIN	24.4	26.0	34.3	35.8	1,4-98	400-1100	.27	35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

To accompany Notice to Mariners 2141/00



On Chart 1190

PIPELINES

Mariners are advised not to anchor or trawl in the vicinity of pipelines. Gas from a damaged oil or gas pipeline could cause an **explosion**, loss of a vessel's buoyancy or other serious hazard. Pipelines are **not** always buried and their presence may effectively reduce the charted depth by as much as 2 metres. They may also span seabed undulations and cause fishing gear to become irrecoverably snagged, putting a vessel in severe danger. See Annual Notice to Mariners No 24 and The Mariner's Handbook.

To accompany Notice to Mariners 2144/00

On Chart 998

FIRING AND PRACTICE AREA

(16° 50' 0S., 149° 47' 0W.)

For further information see Annual Notices to Mariners No.5 and Admiralty Sailing Directions.

To accompany Notice to Mariners 2159/00

On Chart 2365

DEEP DRAUGHT VESSELS

Deep draught vessels are recommended to keep East of a straight line between the port-hand light-buoys W72A and W71A.

To accompany Notice to Mariners 2173/00

On Chart 196

EXPLOSIVES

Mariners are advised to avoid the areas indicated owing to the presence of unexploded devices on the seabed, which may constitute a danger, particularly for seabed activities.

On Chart 200

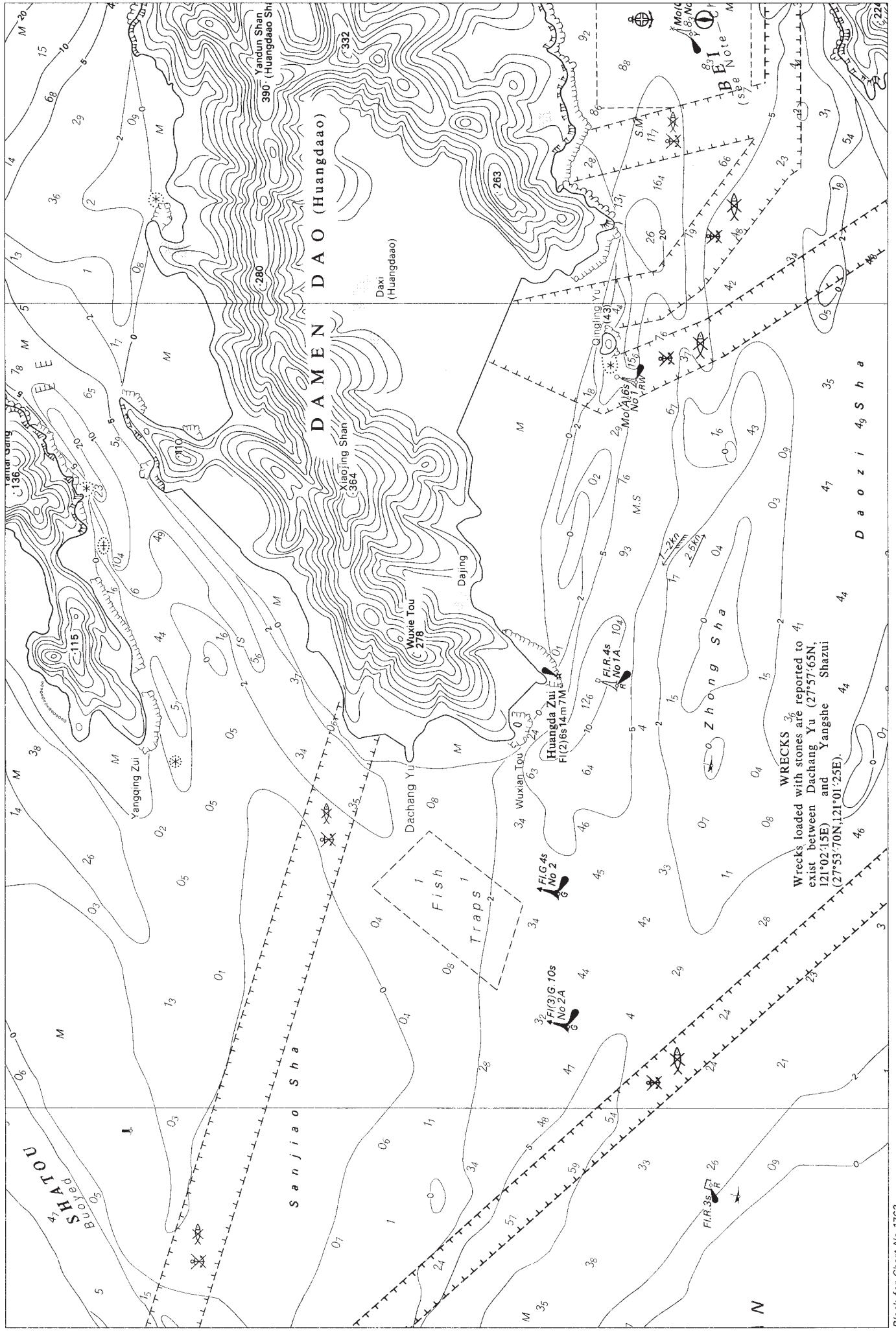
EXPLOSIVES

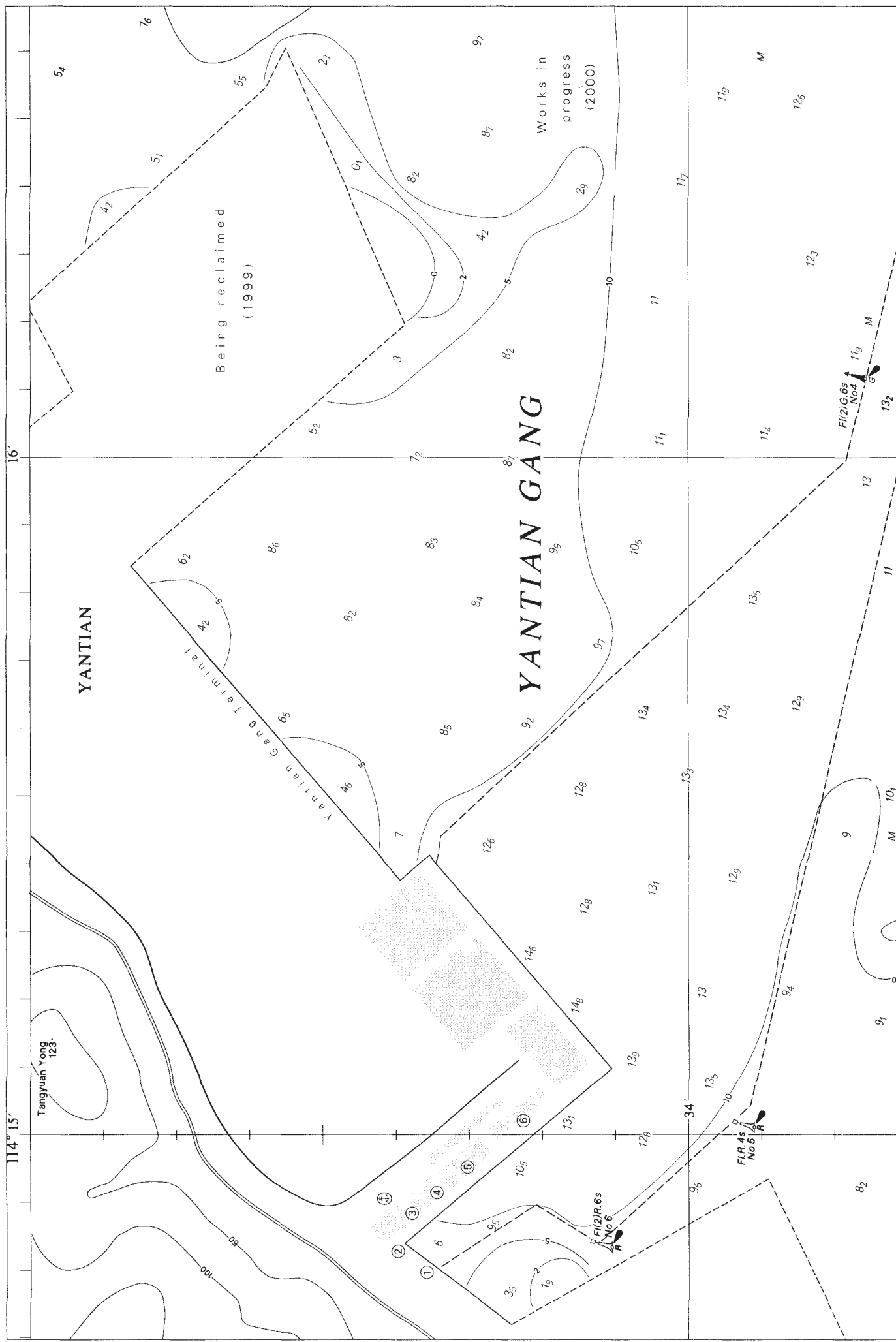
Mariners are advised to avoid the areas indicated owing to the presence of unexploded devices on the seabed, which may constitute a danger, particularly for seabed activities.

On Chart 206

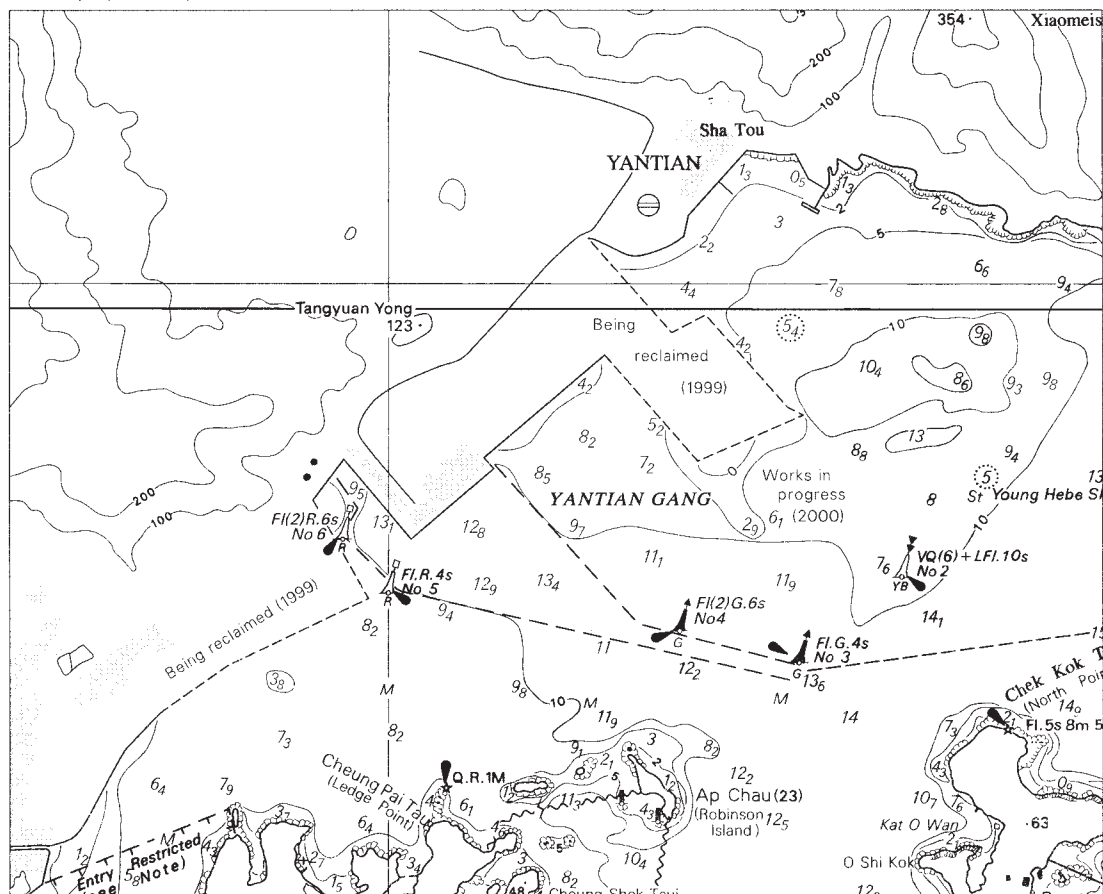
EXPLOSIVES

Mariners are advised to avoid the areas indicated owing to the presence of unexploded devices on the seabed, which may constitute a danger, particularly for seabed activities.

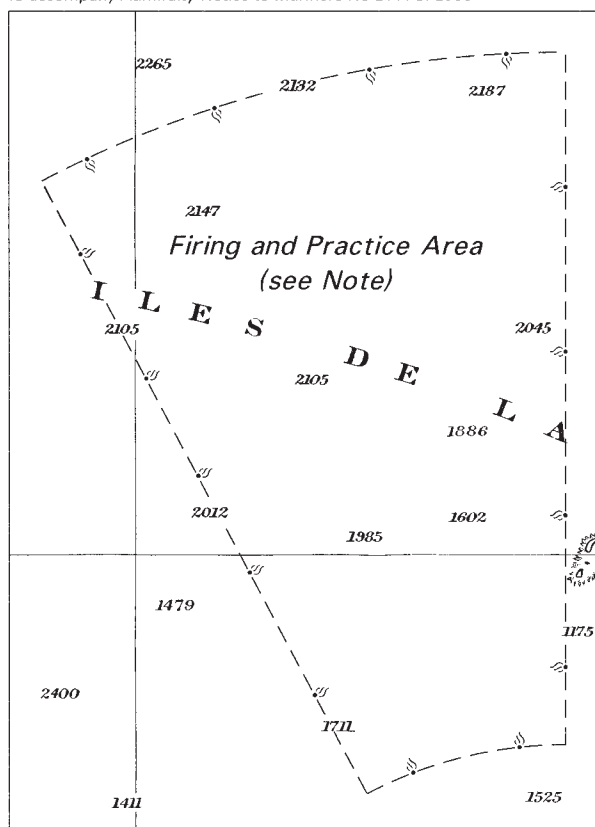




To accompany Admiralty Notice to Mariners No 2142 of 2000



To accompany Admiralty Notice to Mariners No 2144 of 2000



III

NAVIGATIONAL WARNINGS

See N.M. 13/00. Messages printed below are all in force on 23 May 2000. It is recommended that this reprint should be kept in a file or book divided into areas, followed by subsequent weekly reprints. Only the most convenient Admiralty Chart is quoted. For those series originated by other authorities only selected important warnings are reproduced.

(1) Navarea I (NE Atlantic) 22nd Week 1/6/00.

NAVAREA I warnings in force 23/5/00: 1998 series: 468. 1999 series: 154 156 165 173 176 207 208 279 518.

2000 series: 039 059 082 092 097 114 124 137 148 158 161 173 174 176 180 183 189 191 193 200 203 205 215 220 221 222 223.

212 Cancelled.

213 Cancelled.

214 Cancelled.

215 SCOTLAND, West Coast. Outer Hebrides Westward. Chart BA 2721. Whale Rock east cardinal lightbuoy established 57°54'.4N 007°59'.9W.

216 Cancelled. Cancel 204/00.

217 Cancelled.

218 Cancelled.

219 Cancelled.

220 RIGLIST. Southern North Sea: 51° to 55°N. Correct at 231000z May 00.

52°36'.7N 003°50'.4E Noble Lynda Bossler

53°23'.9N 002°14'.1E Ensco 80

53°27'.0N 001°53'.1E Maersk Endurer

53°39'.7N 004°32'.5E Transocean Nordic

53°49'.6N 004°03'.1E Noble Ronald Hoope

NEW ACP Netherlands Sector Noble George Sauvageau

NOTES:

a. Rigs are protected by a 500 metre safety zone.

b. ACP - Adjacent to Charted Platform.

2. Cancel 208/00.

221 RIGLIST. North Sea: 55° to 60°N, East of 5°W and the Baltic Sea. Correct at 231000z May 00.

55°31'.8N 005°00'.4E Maersk Endeavour

55°45'.9N 005°15'.3E Ensco 70

56°23'.7N 002°15'.3E Borgsten Dolphin

NEW 56°53'.1N 001°14'.1E Petrojarl 1

57°10'.2N 000°41'.2E Ocean Nomad

57°49'.1N 004°31'.2E Maersk Giant

57°55'.0N 000°30'.6E Noble Ton Van Langeveld

58°04'.5N 000°53'.6E Drillstar

58°11'.2N 000°05'.3E Stena Spey

58°11'.8N 001°23'.3W Santa Fe 135

58°46'.3N 001°29'.5E Santa Fe 140

59°33'.9N 001°24'.5E Ocean Princess

NEW 59°58'.3N 002°23'.1E Maersk Jutlander

NOTES:

a. Rigs are protected by a 500 metre safety zone.

b. ACP - Adjacent to Charted Platform.

2. Cancel 209/00.

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222 RIGLIST. Norwegian Sea: North of 60°N, East of 5°W. Correct at 231000z May 00.

60°08'.1N	004°30'.5W	Stena Dee
60°15'.9N	002°46'.6E	West Delta
60°18'.7N	004°20'.3W	Transocean Leader
60°20'.1N	004°02'.1W	Paul B. Loyd Jr
60°46'.1N	003°36'.7E	Polar Pioneer
60°47'.6N	002°41'.7E	West Alpha
60°54'.0N	003°35'.0E	West Venture
60°55'.7N	001°42'.4E	Ocean Guardian
61°03'.3N	002°02'.2E	Deepsea Trym
61°03'.8N	002°00'.2E	Byford Dolphin
61°05'.9N	002°16'.6E	Transocean Wildcat
61°19'.8N	000°59'.5E	Sedco 712
61°22'.8N	002°06'.2E	Bideford Dolphin
61°26'.4N	001°57'.2E	Borgland Dolphin
61°29'.3N	002°13'.5E	Scarabeo 5
64°45'.5N	006°22'.9E	Transocean Arctic
65°04'.0N	007°29'.6E	Transocean Searcher
65°06'.0N	006°47'.0E	Safe Britannia
65°07'.1N	006°40'.5E	Transocean Winner
65°22'.2N	007°21'.4E	Scarabeo 6
66°00'.9N	008°03'.4E	Transocean Prospect

NOTES:

- Rigs are protected by a 500 metre safety zone.
- ACP - Adjacent to Charted Platform.

2. Cancel 210/00.

223 RIGLIST. South and West Coasts of the British Isles. Correct at 231000z May 00.

	54°20'.9N	011°02'.1W	Sedco 711
	58°53'.9N	008°04'.7W	Sovereign Explorer
NEW	59°05'.6N	007°35'.9W	Jack Bates

NOTES:

- Rigs are protected by a 500 metre safety zone.
- ACP - Adjacent to Charted Platform.

2. Cancel 211/00.

Cancel 136/00. Edition 5 of BA Chart 109 dated 25th May 2000 and Edition 7 of BA 107 dated 25th May 2000 refers.
Cancel 138/00. ANM 2163/00 refers.

(2) Navarea II (E Atlantic) 22nd Week 1/6/00.

Edited Navarea II warnings in force 23/5/00: NIL.
137 to 144 received.

(3) Navarea III (Mediterranean) 22nd Week 1/6/00.

Edited Navarea III warnings in force 23/5/00: NIL.
Nil received.

(4) Navarea IV (NW Atlantic) 22nd Week 1/6/00.

Edited Navarea IV warnings in force 23/5/00: 099/00.
173 to 196 received.

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(5) Navarea V (W Atlantic) 22nd Week 1/6/00.

Edited Navarea V warnings in force 23/5/00: 923/97, 568/98, 180/00.
1034 to 1075 received.

(6) Navarea VI (SW Atlantic) 22nd Week 1/6/00.

Edited Navarea VI warnings in force 23/5/00: NIL.
Nil received.

(7) Navarea VII (SE Atlantic) 22nd Week 1/6/00.

Edited Navarea VII warnings in force 23/5/00: NIL.
048 to 050 received.

(8) Navarea VIII (Indian Ocean) 22nd Week 1/6/00.

Edited Navarea VIII warnings in force 23/5/00: 268/99, 562/99, 235/00.
225 to 241 received.

235 INDIA, West Coast. Approaches to Bombay. Charts BA 2621 and 1487. Dangerous Wreck reported
18°42'·1N 072°37'·5E PA.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea) 22nd Week 1/6/00.

Edited Navarea IX warnings in force 23/5/00: 201/99, 043/00, 076/00, 146/00.
137 to 148 received.

146 RED SEA. Gulf of Suez. Suez Bay. Chart BA 3214. Wreck marked by isolated danger lightbuoy reported 29°55'·8N
032°31'·2E.

(10) Navarea X (Australia, New Guinea) 22nd Week 1/6/00.

Edited Navarea X warnings in force 23/5/00: 009/97.
014 and 016 received. 015 missing.

(11) Navarea XI (Malacca Strait, China Sea, N Pacific) 22nd Week 1/6/00.

Edited Navarea XI warnings in force 23/5/00: 505/99.
Nil received.

(12) Navarea XII (NE Pacific) 22nd Week 1/6/00.

Edited Navarea XII warnings in force 23/5/00: 107/00.
158 to 170 received.

(13) Navarea XIII (NW Pacific) 22nd Week 1/6/00.

Edited Navarea XIII warnings in force 23/5/00: Nil.
Nil received.

(14) Navarea XIV (SW Pacific) 22nd Week 1/6/00.

Edited Navarea XIV warnings in force 23/5/00: NIL.
181 to 189 received.

(15) Navarea XV (SE Pacific) 22nd Week 1/6/00.

Edited Navarea XV warnings in force 23/5/00: NIL.
Nil received.

(16) Navarea XVI (E Pacific) 22nd Week 1/6/00.

Edited Navarea XVI warnings in force 23/5/00: 151/98.
Nil received.

III

(17) Hydropacs (Pacific, Indian Ocean) 22nd Week 1/6/00.

Edited Hydropacs in force 23/5/00: 1069/99, 1272/99, 372/00, 681/00 683/00, 725/00.
723 to 761 received.

725 NEW ZEALAND. Chatham Islands. Chart BA 4600. Wreck located 43°59'·20S 176°22'·65W.

(18) Hydrolants (Atlantic, Mediterranean) 22nd Week 1/6/00.

Edited Hydrolants in force 23/5/00: 862/94, 871/94, 1516/94, 2002/98, 1211/99, 1353/99, 1369/99, 1641/99, 2348/99, 094/00, 480/00, 561/00, 963/00, 995/00, 1047/00, 1218/00, 1320/00, 1364/00, 1517/00, 1581/00, 1584/00.
1758 to 1863 received.

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[22/00]

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	Page 192	Ad Dammām — Pilotage 26/99
	Page 199	Ra's al Ju'aymah LPG Terminal — Leading lights 26/99
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69	East Coast of the United States II		
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	Page 150	Puerto de Cabañas — Leading lights established	12/00
	Page 154	Northern Right Whale — Reporting System established	26/99
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	Pages 165-167	Port Everglades — Approach Light discontinued	04/00
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(HA. 905/008/001/12)

[22/00]

V

CORRECTIONS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Volume A, 2000. Weekly Edition No. 22, Dated 1st June, 2000.

Last Correction: Weekly Edition No. 21, dated 25th May, 2000.

2225·51	--- Upstream	52 01·6 1 09·8	F Y	39	3		
*	*	*	*	*	*	*	*
2265	- Power Station. Outfall. S pipeline. Head	52 12·5 1 37·7	Fl R 10s	12	3	Column on metal platform 5	<i>fl 1</i>
	*		*				*
2265·2	-- Intake. N pipeline. Head	52 12·7 1 37·9	Fl(2)R 7·5s	12	3	Column on metal platform 5	<i>fl 0·3, ec 0·7, fl 0·3, ec 6·2</i>
	*		*				
4353	- Down Craig. Floating Breakwater. N end	55 47·0 4 53·7	Fl(2)R 10s	4	2	...	Breakwater under construction (T) 2000. (P) 2000
	*	*	*	*	*		*
6347·55	--- Barneen Point	52 36·9 9 06·5	Q R	2	2	Red metal post 8	
	*						*

Volume B, 2000. Weekly Edition No. 22, Dated 1st June, 2000.

Last Correction: Weekly Edition No. 21, dated 25th May, 2000.

0282	- Schore. Ldg Lts 021° 30'. Front	51 27·2 3 59·5	Oc WRG 4s	9	W 7 R 5 G 4	White beacon, red band 4	<i>ec 1. R302°-330·5°(28·5°), W330·5°-000°(29·5°), G000°-020°(20°), W020°-026°(6°), R026°-046°(20°), G046°-084°(38°), W084°-092·5°(8·5°), R092·5°-110°(17·5°). Shown 24 hours. TE 2000</i>
							*
1275	--- S Mole. Head	53 32·2 8 34·5	F G	15	5	Red framework tower, black band, green lantern 14	Vis 355°-265°(270°)
							*
2233·5	- Kvernskjaergrunnen	59 02·2 10 58·3	Oc WRG 6s	7	W 10 R 7 G 7	GRP tower on concrete base. Floodlit	<i>ec 1. R018°-093°(75°), G093°-171·5°(78·5°), W171·5°-174°(2·5°), R174°-210°(36°), G210°-003·5°(153·5°), W003·5°-018°(14·5°)</i>
							*
3579·1	- Store Bloksen	59 32·6 5 13·5	Q W				
*	*	*	*	*	*	*	*

V

Volume C, 2000. Weekly Edition No. 22, Dated 1st June, 2000.
Last Correction: Weekly Edition No. 21, dated 25th May, 2000.

2678•77	- Oil Terminal, Wharf. S end	53 53•6 14 15•1	Oc(2)G 8s	6	4	Green column	<i>fl 1, ec 1, fl 1, ec 5</i>
				*		*	*
2736•1	---- Rear, 650m from front	53 36•1 14 35•6	Oc W 4s	26	5	White square metal tower, orange top 25	Vis 353•9°-358•4°(4•5°)
			*				
2934	- River entrance, W side	54 35•4 16 51•3	Q G	6	1	Column	
			*	*			*
2935	- Basen Weglowy, N side	54 35•4 16 51•3	Q G	6	1	Column	
			*				
2974	--- E Mole, Head	54 36•1 18 48•2	Fl WG 4s	9	W 4 G 4	Concrete tower on building	W280°-353°(73°), G353°-280°(287°)
			*		*		
3603•3	Saareotsa, Ldg Lts 250°24'. Front	58 13•7 24 08•1	Q R	4	2	White structure, red band 3	Private
	*		*				
3603•31	-- Rear, 143m from front	58 13•7 24 08•3	Iso R 2s	7	2	White structure, red band 5	Private
	*						
3604	Munalaui, Ldg Lts 149°18'. Front	58 13•8 24 07•1	Iso W 3s	3	1	White structure, black band 2	Private
	*						
3757•9	Vormsi, Ldg Lts 140°6'. Rear	59 01•2 23 07•7	Iso W 6s	41	10	White square framework tower, black top 35	Vis on leading line only. Front C3758
							*
4670	<i>Remove from List</i>						
4670•1	<i>Remove from List</i>						
4941	Abborgrund S	59 48•0 23 11•4	VQ(6)+LFl W 10s	12	4	on black pile, yellow top	Ra refl. Removed for servicing (T) 2000. Lit radar reflector Fl R 3s (T) 2000
							*
5360•5	Lålättan	60 18•1 26 33•3	VQ(6)+LFl W 10s	13	4	on yellow beacon, black bottom	Withdrawn; south cardinal light buoy in situ (T) 2000
							*

V

Volume C *continued.*

5881	- Våktaren	63 36·9 20 25·4	LFl(2)WRG 15s	20	W 9 R 7 G 6	Orange tower, white top, black base. Floodlit 21	<i>fl 2, ec 3, fl 2, ec 8.</i> W077°-080°(3°), R080°-107°(27°), G107°-139°(32°), R139°-146°(7°), G146°-203°(57°), R203°-255°(52°), G255°-292°(37°), W292°-313°(21°), R313°-317°(4°), G317°-321°(4°), W321°-327°(6°), R327°-350°(23°), G350°-077°(87°). Racon. Reserve light
	*				*		*
7572	- N Lts in line 275° . Front	55 55·7 14 20·1	Iso G 3s	7	6	Red △, white base. Floodlit	Marks N limit of channel
							*
7572·1	-- N Mole. Head. Rear. 240m from front	55 55·7 14 19·9	Q G	12	6	Red , on orange framework tower. Floodlit	
							*
7572·4	<i>Remove from List</i>						
7572·5	<i>Remove from List</i>						

Volume D, 1999. Weekly Edition No. 22, Dated 1st June, 2000.
Last Correction: Weekly Edition No. 21, dated 25th May, 2000.

1060	Île Dumet	47 24·7 2 37·2	Fl(3)WRG 12s	14	W 7 R 4 G 4	White column, green top on fort 6	<i>(fl 1, ec 1·5) x 2, fl 1, ec 6.</i> G090°-272°(182°), W272°-285°(13°), R285°-335°(50°), W335°-090°(115°)
							*
1161·42	-- E elbow	46 55·6 2 07·0	Fl W 2s	5	5	Grey pyramid structure 8	<i>fl 0·4. TE 2000</i>
							*
1161·44	-- W elbow	46 56·1 2 08·3	Fl W 2s	5	3	Grey pyramid structure 8	<i>fl 0·4. TE 2000</i>
							*
1207	- PASSE DU SW. Ldg Lts 033°. Front	46 29·5 1 46·3	Iso W 4s	12	16	Metal mast 12	Shown 24 hours
							*
1207·1	--- Rear. La Potence. 330m from front	46 29·6 1 46·1	Iso W 4s	33	16	Square tower, White house 20	Shown 24 hours
							*
1213·4	- Rochebonne SE. Buoy	46 09·2 2 21·2	Q(3)W 10s	8	4	on black buoy, yellow band	Ra refl
		...	Bell	...	...	...	TD 2000
							*

V

Volume D *continued.*

1285	-- Entrance Ldg Lts 339°. Front	45 54·8 1 19·6	Dir Oc(2)W 6s	6	13	White turret, red top 5	<i>ec 1, lt 1, ec 1, lt 3.</i> Vis 329°-349°(20°)
		...	Horn(2) 20s	...	...	...	<i>bl 3, si 3, bl 3, si 11.</i> Sounded for 3 hours before to 3 hours after HW. TD 2000
							*
1667·5	- Breakwater. Head	43 33·5 7 06·2	Q G	12	3	Green round tower 6	
			*		*	*	
1704	- Torre de Hercules	43 23·2 8 24·3	Fl(4)W 20s	104	23	Square stone tower, 49	<i>(fl 0·2, ec 3·1) x 3, fl 0·2, ec 9·8.</i> RC. Obscured in entrance to Ensenada del Orzán. R lights on chimney 5·4M SW
	- 165m NNW	...	Siren Mo(L) 30s	...	...	...	<i>bl 1·5, si 1·5, bl 4·5, si 1·5, bl 1·5,</i> <i>si 1·5, bl 1·5, si 16·5</i>
							*
2059·64	- Duas Águas. Ldg Lts 349·1°. Front	40 39·6 8 41·9	Q W	5	3	White post 5	Vis 344·1°-354·1°(10°)
	-- Ldg Lts 100·9°. Front	...	Q W	5	3	Same structure 5	Vis 090·9°-110·9°(20°)
			*				
2069	-- Entrance Ldg Lts 081° 30'. Front	40 08·7 8 51·2	Iso R 5s	8	8	White column, red stripes 3	TE 2000
							*
2206·1	- Barra Nova. Ldg Lts 021°. Front	36 58·1 7 51·9	Oc W 4s	8	6	White concrete column, red stripes	<i>ec 1.</i> Leads 021° using D2206 as rear light. TE 2000
							*
2209	-- Molhe Leste. Head	36 57·7 7 52·1	Fl G 4s	9	6	Round concrete column	<i>fl 1.</i> TE 2000
							*
4380	- Moita Seca	6 06·7 12 16·5	Fl(3)W 10s	20	12	White 6-sided metal framework tower 21	<i>(fl 0·3, ec 1·5) x 2, fl 0·3, ec 6·1.</i> TE 2000
							*

Volume E, 1999. Weekly Edition No. 22, Dated 1st June, 2000. *Last Correction: Weekly Edition No. 21, dated 25th May, 2000.*

1145·4	- Isola Frigiano. Breakwater	40 54·8 8 42·1	F G	8	1	Green mast 5	Vis 180°-090°(270°). Private. TE 2000
							*
1462	<i>Remove from List</i>						
1462·1	<i>Remove from List</i>						
1541	-- N side	41 26·6 12 38·2	Fl G 3s	5	4	Green hut on dolphin 6	<i>fl 0·5.</i> TE 2000. Works in progress (T) 2000
							*

V

Volume E *continued.*

5284	- Mys Karantinnyy	45 11·2 33 22·9	Fl G 3s	...	6	...	TE 2000. Lights of navigational aids have been extinguished, navigation is not recommended at night in the roads and in the port of Evpatoria
		*					*
5302·53	- Inner Harbour. Ldg Lts 073·2°. Front	44 37·0 33 35·4	Q Y	...	1	...	On request
			*				
5302·535	--- Rear	44 37·0 33 35·5	Q Y	...	2	...	On request
			*				
5642·5	-	44 43·4 37 49·0	Fl G 3s	...	1		
*	*	*	*	*	*	*	*
5652·6	- Pier. NE corner	44 43·5 37 46·8	F G	6	1	White metal column, concrete base 4	
							*
5652·62	-- SW corner	44 43·4 37 46·8	F G	6	1	White metal column, concrete base 4	
							*
5749	- Entrance Ldg Lts 158° 54'. Yuzhnyy Mol. Root. Front	42 09·0 41 39·2	F G	11	6	Orange , black stripe 15	Vis 153·9°-163·9°(10°)
							*
5750	- 1st Ldg Lts 116° 54'. Front	42 09·6 41 39·3	F R	12	8	White , black stripe, on red metal framework structure 11	Vis on leading line only. F R lights on radio tower 1·3M N
		*	*				*
5760	- Zapadnyy Mol. Head	42 09·6 41 38·8	Fl WG 3s	13	W 7 G 4	White metal framework tower 8	fl 0·5. W012·5°-116°(103·5°), G116°-012·5°(256·5°)
							*
5761	-- Elbow	42 09·3 41 39·0	Fl Bu 4s	7	3	White tower 5	fl 0·5. Vis 163·2°-003·2°(200°). Destroyed 2000
							*
5762	- N Breakwater. Head	42 09·6 41 39·0	Fl R Bu 6s	17	R 5 Bu 2	White square metal framework tower 13	fl 1·5. R161°-251°(90°), Bu251°-161°(270°). TE 2000
		...	Horn(2) 54s	...	...	...	bl 6, si 12, bl 6, si 30
							*
5762·2	-- Spur	42 09·5 41 39·2	Fl R 5s	7	1	White square tower 5	fl 0·5
							*

V

Volume E *continued*.

5763	- Inner S Mole. Off head	42 09:5 41 39:2	Fl W 5s	7	1	White 8-sided stone tower 5	<i>fl</i> 0:5		*
5829	<i>Remove from List</i>								
5829-2	Akçkoca. Breakwater. Head	41 05:5 31 07:2	Fl R 5s	...	5				
		...	F G						
									*

Volume F, 1999. Weekly Edition No. 22, Dated 1st June, 2000.
Last Correction: Weekly Edition No. 21, dated 25th May, 2000.

0400	Porbandar	21 37:3 69 37:2	Fl W 5s	48	26	White round concrete tower, black bands 41	Racon. RC. TR 2000		*
0449	- <i>PERIGEE LT V</i>	21 41:1 72 18:4	Fl W 7s	12	8	Red hull	Ra refl. Q W riding light. Removed (T) 2000		*
		...	Bell						
1669	Mudah Selatan	1 25:2 103 11:2	Fl(3)W 15s	26	16	White round GRP tower on piled platform	Racon. TE 1999		*
3580-98	Approaches to Daya Wan. Qingzhou	22 24:3 114 39:9	Fl W 6s	107	18	White framework structure 19	Racon		
	*								
3580-99	<i>Remove from List</i>								
3581	<i>Remove from List</i>								
3581-2	<i>Remove from List</i>								
3581-21	<i>Remove from List</i>								
	DAYA WAN								
3581-218	- Sangzhou (Huangmao Shan)	22 35:0 114 43:0	LFl W 8s	65	10	Concrete tower 23	<i>fl</i> 2		
*	*	*	*	*	*	*			*
3581-22	-Shuangpengduo	22 36:6 114 38:7	Fl(2)W 5s	...	...	Buoyant beacon			
*	*	*	*	*	*	*			*
3581-222	- Xiadajia	22 36:9 114 38:0	Fl W 4s	15	5				
*	*	*	*	*	*	*			*
3581-224	- Baitou Zhou	22 37:3 114 38:2	Fl(2)W 6s	15	5				
*	*	*	*	*	*	*			*
3581-226	- Wuming Yan	22 37:5 114 37:4	Fl(2)W 5s	...	...	Buoyant beacon			
*	*	*	*	*	*	*			*

V

Volume F *continued*.

3581·228	- Xiaochi Zhou	22 38·4 114 38·6	Fl W 8s	41	6	6	
*	*	*	*	*	*	*	*
3581·23	- Yuan Zhou	22 38·0 114 37·6	Fl W 2s	14	5	12	
*	*	*	*	*	*	*	*
3581·234	- Hutoumen Shuido. Hutou Zui	22 39·3 114 35·7	Fl R 4s	...	2	7	
*	*	*	*	*	*	*	*
3581·236	-- Su Pai	22 39·4 114 35·9	Fl(2)W 5s	9	8	10	
*	*	*	*	*	*	*	*
3581·238	- HUIZHOU GANG. Beishu Yu	22 40·7 114 36·6	Q W	...	5		
*	*	*	*	*	*	*	*
3581·24	-- Caosha Zhou (Hengsha Pai)	22 40·7 114 35·8	Q W	...	5		
*	*	*	*	*	*	*	*
3581·242	-- Bei Yan (Apo Pai)	22 41·0 114 36·6	VQ(6)+LF1 W 10s	...	5		
*	*	*	*	*	*	*	*
3581·244	-- Ldg Lts 320° 19'. Front	22 42·0 114 33·4	F R	35	10	35	
*	*	*	*	*	*	*	*
3581·245	--- Rear	22 42·5 114 32·9	F R	60	10	31	
*	*	*	*	*	*	*	*
AOTOU WAN							
3581·246	- Huangji Zhou	22 41·8 114 33·1	Fl W 3s	7	6	4	<i>fl 0·3</i>
*	*	*	*	*	*	*	*
3581·248	- Dangmen Pai	22 42·4 114 32·4	Fl R 4s	5	6	6	
*	*	*	*	*	*	*	*
DAYA WAN							
3581·25	- Gangkou Liedao. Mabian Zhou	22 40·7 114 38·7	F W	...	5		
*	*	*	*	*	*	*	*
3581·252	-- Guogai Zhou	22 40·9 114 38·6	VQ(6)+LF1 W 10s	...	5		
*	*	*	*	*	*	*	*

V

Volume F *continued.*

3581·27	- Mabian Zhou Ldg Lts 338°15'. Front	22 42·0 114 39·0	LFl W 6s	32	15	Concrete tower 30	fl 2
*	*	*	*	*	*	*	*
3581·271	--- Rear	22 43·0 114 38·0	Iso W 6s	59	15	Concrete tower 57	fl 3. Racon
*	*	*	*	*	*	*	*
PINGAI WAN							
3581·28	- Huidong Gang Dam. Head	22 34·6 114 53·1	Fl R 4s	4	...	...	fl 0·5
*	*	*	*	*	*	*	*
3581·282	- Yuanzhou Dao	22 33·7 114 52·5	Fl W 4s	...	6	5	fl 0·5
*	*	*	*	*	*	*	*
3581·284	- Tiezhen Jiao	22 32·7 114 52·2	Fl(2)W 6s	14	6	6	fl 0·5, ec 1, fl 0·5, ec 4
*	*	*	*	*	*	*	*
3581·286	- Shanzui	22 34·4 114 53·4	Fl(2)W 6s	...	1	6	fl 0·5, ec 1, fl 0·5, ec 4
*	*	*	*	*	*	*	*
3581·298	Daxing Shan (Fokai Point)	22 34·0 114 54·2	Fl W 13s	218	24	White round masonry tower 24	
*	*	*	*	*	*	*	*
3604·5	Jiangjun Tou	24 02·3 117 54·2	Fl(3)W 10s	27	15	15	(fl 0·5, ec 1) x 2, fl 0·5, ec 6·5
*	*	*	*	*	*	*	*
3606·2	Dingtai Tou	24 14·5 118 05·8	Fl W 4s	49	7	10	fl 0·5
*	*	*	*	*	*	*	*
3606·5	Zhenhai Jiao. Ldg Lts 018°37'·6'. Front	24 15·9 118 08·1	Fl W 1·5s	28	13	14	fl 0·5
*	*	*	*	*	*	*	*
3606·51	-- Rear	24 16·2 118 08·2	Fl W 4s	47	13	9	fl 1
*	*	*	*	*	*	*	*
3808·2	- Coal Pier. Ldg Lts 345°45'. Front	35 22·6 119 33·8	F Y	20	3	Mast	
	*				*		
3808·21	--- Rear. 350m from front	35 22·8 119 33·7	F Y	26	3	Mast	
	*				*		
3816	Xiaogong Dao	35 59·7 120 35·0	Fl(2)W 6s	41	3	5	fl 0·5, ec 1, fl 0·5, ec 4
*	*	*	*	*	*	*	*

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Volume F *continued.*

3844	-- Commercial Harbour. Ldg Lts 074°. Wharf No 2 N end. Front	36 05·4 120 18·9	Iso G 2s	11	3	Black , white stripes, on white metal framework tower	9
			*				
3844·1	--- Wharf No 4. NE side. Rear. 0·6M from front	36 05·6 120 19·7	Iso G 2s	19	4	Black , white stripes, on white framework tower	18
			*				
3850	<i>Remove from List</i>						
3905	- Sanshandao. Ldg Lts 339·5°. Front	37 24·7 119 56·8	F R	27	5		
			*	*	*		
3905·1	--- Rear. 160m from front	37 24·6 119 56·8	F R	35	5		
				*	*		
3905·3	-- Jetty. N	37 25·0 119 56·8	F W	8	5		
				*	*		
4196·5	-- Gunsan. (Kunsan)	35 58·6 126 36·9	Fl(4)Y 8s	12	12	Yellow × on yellow square metal tower, on dolphin	12
			*		*	*	
4730·1	-- S No 2	24 26·8 123 50·0	Lit	...	...	Red △ on red beacon	
			*	*	*	*	*
4730·2	-- S No 4	24 26·9 123 49·8	Lit	...	...	Red △ on red beacon	
			*	*	*	*	*
4730·3	-- S No 5	24 27·2 123 49·7	Lit	...	...	Green on green beacon	
			*	*	*	*	*
4730·4	-- S No 6	24 27·4 123 49·5	Lit	...	...	Red △ on red beacon	
			*	*	*	*	*
4730·5	-- W No 1	24 27·3 123 48·4	Lit	...	...	Green on green beacon	
			*	*	*	*	*
4730·6	-- W No 4	24 27·6 123 49·0	Lit	...	...	Red △ on red beacon	
			*	*	*	*	*
4731·8	-- Huraura Kō. N No 1	24 25·7 123 49·7	Fl(2)G 6s	4	3	Green on green beacon	
			*	*	*	*	*

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Volume F *continued.*

4731-81	--- N No 3	24 25:3 123 49:5	Fl G 3s	4	2	Green	on green beacon	
*	*	*	*	*	*	*		*
4731-82	--- N No 6	24 24:8 123 49:8	Fl R 3s	4	3	Red △	on red beacon	
*	*	*	*	*	*	*		*
4731-83	--- N No 8	24 24:1 123 49:5	Fl R 3s	4	2	Red △	on red beacon	
*	*	*	*	*	*	*		*
4734-52	-- SW Approaches. Taketomi Shima. Taketomi Higasi Kō. N No 4	24 19:9 124 06:1	Fl R 3s	4	2	Red △	on red beacon	
*	*	*	*	*	*	*		*
4734-525	----- N No 1	24 19:8 124 06:3	Fl(2)G 6s	4	3	Green	on green beacon	
*	*	*	*	*	*	*		*
4734-53	----	24 19:2 124 07:1	Mo(B)R 8s	4	3	Red △	on red beacon	
*	*	*	*	*	*	*		*
4734-532	---- Minami Suiro. S No 1	24 19:0 124 06:8	Fl(2)G 6s	4	2	Green	on green beacon	
*	*	*	*	*	*	*		*
4734-534	----- S No 4	24 18:8 124 06:2	Fl R 3s	4	2	Red △	on red beacon	
*	*	*	*	*	*	*		*
4734-536	----- S No 6	24 18:2 124 05:6	Fl(2)R 6s	4	2	Red △	on red beacon	
*	*	*	*	*	*	*		*
6641-7	- Yasui Saki	40 57:4 140 59:2	Fl R 3s	13	2	Red round concrete tower 11		
					*			

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Last Correction: Weekly Edition No. 21, dated 25th May, 2000.

0740	- Piedra del Arriero	34 47:8 56 24:9	Fl R 5s	9	4	Red metal tower on concrete base		
			*	*	*			*
1052	<i>Remove from List</i> MARGUERITE BAY							
1401-7	- San Martin (A)	68 12:0 67 09:0	Fl W 5s	...	9			
*	*	*	*	*	*	*		*

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3434·2	- Inner Harbour. Entrance, E side	16 10·0 95 11·9	Fl R 5s	7	10		
*	*	*	*	*	*	*	*
3434·25	--- W side	16 10·0 95 11·9	Fl G 5s	7	10		
*	*	*	*	*	*	*	*
3436	- Muelle Fiscal. W	16 09·1 95 12·8	Fl G 3s	7	10	Round concrete tower 4	
		*	*	*	*		*
3436·2	-- E	16 08·7 95 12·2	Fl R 3s	7	10	Round concrete tower	
		*	*	*	*		*
3691	- A	32 42·1 117 13·5	Fl W 4s	5	4	White , orange border on pile worded DANGER ROCKS	
		*			*	*	
3691·3	- D	32 42·3 117 13·6	Fl W 4s	5	4	White , orange border on pile worded DANGER ROCKS	
*	*	*	*	*	*	*	*
5149·5	- White Rock. Breakwater	49 01·0 122 48·5	Fl W 4s	5	6	4 pile dolphin	<i>fl 0·5</i>
		*			*	*	
5150	- Crescent Beach. Nicomekl River. Entrance	49 00·7 122 56·3	Fl R 4s	7	5	Red and white △, on 7 pile dolphin	<i>fl 0·5</i>
		*			*	*	
5150·5	- Crescent Channel	49 03·2 122 53·8	Q R	4	5	Red and white △ on 5 pile dolphin	
					*		
5174	Sea Otter Cove	50 40·3 128 21·0	Fl W 4s	5	6	Mast	Ra refl
					*	*	*
5178	- Kains Island. Quatsino	50 26·5 128 01·9	FFl W 5s	28	F12 F 8	White round tower	<i>fl 0·14.</i> Emergency light. High intensity Fl W superimposed every 5s
		...	Horn 30s	...	...	...	<i>bl 3.</i> Horn points 140°
	*			*	*		*
5180	- Bedwell Islands	50 28·6 127 53·7	Fl G 4s	9	5	White round tower, green band at top	<i>fl 0·5</i>
					*	*	
5182	- Ildstad Island. SE end	50 30·9 127 41·8	Fl W 4s	5	6	Mast	<i>fl 0·5</i>
		*		*	*	*	

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5188	-- Makwazniht Island	50 33·4 127 33·3	Q W	3	5	Mast	
					*	*	
5189	- Holberg Inlet. Straggling Islands. W end of largest island	50 35·7 127 42·1	Fl W 4s	5	6	White round tower, red band at top	Ra refl
	*			*	*		*
5189·4	- NEROUTSOS INLET. McNiffe Rock	50 31·3 127 36·7	Fl W 4s	5	6	White round tower, green band at top	<i>fl</i> 0·5
					*		
5190	-- Frigon Islets. On SW point of the most W islet of the group	50 25·1 127 29·6	Fl W 4s	5	6	Mast	<i>fl</i> 0·5
	*				*	*	
5190·2	- Mist Rock	50 25·8 127 30·1	Fl(2+1)G 6s	5	5	White round tower, green band on top	<i>fl</i> 0·3, <i>ec</i> 0·4, <i>fl</i> 0·3, <i>ec</i> 1·2, <i>fl</i> 0·3, <i>ec</i> 3·5
					*	*	
5191	- Rugged Islands. N island. N point	50 19·2 127 55·0	Fl W 4s	10	6	Mast	<i>fl</i> 0·5. Vis 050°-318° (268°)
					*	*	
5192	- Donald Islets. N islet	50 13·9 127 48·4	Fl(2)W 6s	27	6	White △, red border and centre, on mast	<i>fl</i> 0·5, <i>ec</i> 1, <i>fl</i> 0·5, <i>ec</i> 4
					*	*	
5194	Solander Island. Summit	50 06·7 127 56·3	Fl W 10s	94	14	White round tower	<i>fl</i> 0·3
					*		
5198	Lookout Island. E end	49 59·9 127 27·0	Fl G 5s	14	9	White round tower, green bands at top, on white building	High intensity Fl G (<i>fl</i> 0·15) superimposed every 5s
					7		
		... Horn 20s	...	...	...		<i>bl</i> 2
		*	*	*	*	*	*
5200	Gayward Rock. (Channel Rock)	50 01·3 127 23·5	Q W	8	6	White round tower	
		*			*		
5202	Amos Island. SW end	50 00·8 127 21·1	Fl W 4s	8	6	White round tower	<i>fl</i> 0·5
					*		
5202·6	- Kyuquot Channel. Rugged Point	49 58·2 127 15·0	Fl W 4s	15	7	White △, red border and centre, on mast	<i>fl</i> 0·5
				*	*	*	
5203·4	--- N side	50 04·1 127 08·6	Fl W 4s	10	6	White round tower	<i>fl</i> 0·5
				*	*		

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5204	- Nuchatlitz	49 49:2 126 58:8	Fl W 4s	11	6	White round tower 4	<i>fl 0-5</i>	
				*	*	*		
5206•4	- Centre Island, NW side	49 51:0 126 56:1	Fl R 4s	6	5	White round tower, red band at top 4	<i>fl 0-5</i>	
		*		*	*	*		
5206•6	- Ehatisaht	49 52:9 126 49:5	Fl W 4s	6	7	Mast 3	<i>fl 0-5</i>	
				*	*	*		
5207	- Steamer Point	49 53:2 126 47:8	Q W	5	6	White round tower 4		
				*	*	*		
5207•6	- South	49 54:4 126 48:0	Fl G 4s	7	5	White round tower, green band at top 4		
				*	*	*		*
5208	-	49 56:8 126 48:9	Q W	12	6	White round tower, green band at top 5		
				*	*	*		
5210	- TAHSIS NARROWS, North	49 51:9 126 42:4	Q W	6	5	White round tower, red band at top 5		
					*	*		
5210•4	-- South	49 51:6 126 41:4	Fl(2)W 6s	5	6	White round tower, green band at top 5	<i>fl 0-5, ec 1, fl 0-5, ec 4</i>	
		*		*	*	*		
5213	- TAHSIS INLET, Santiago	49 47:3 126 39:2	Fl W 4s	5	6	Black, green and white on mast 4		
				*	*	*		*
5215•4	-- Kendrick Inlet	49 43:1 126 38:4	Fl W 4s	4	6	Mast 3	Ra refl	
				*	*	*		*
5215•6	-- Jewitt Cove	49 42:0 126 36:0	Fl W 4s	6	6	Mast 4		
					*	*		*
5218•3	- San Carlos Point	49 41:2 126 31:2	Q W	6	6	White round tower		
				*	*			
5219•4	- ZUCIARTE CHANNEL, Clerke Peninsula	49 36:2 126 32:2	Fl W 4s	12	7	Mast		
					*	*		*

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5220	-- Bligh Island. E side	49 39:1 126 29:0	Fl(3)W 12s	6	6	White round tower, green band at top	<i>fl 0:5, ec 2, fl 0:5, ec 2, fl 0:5, ec 6:5</i>
	*			*	*	*	
5220-8	-- Williamson Passage	49 39:1 126 22:3	Fl W 4s	5	6	Mast 3	
	*	*		*	*	*	*
5221-1	-- Houston River. NE of river entrance	49 38:5 126 17:4	Fl W 4s	5	6	Mast 3	
	*	*		*	*	*	*
5221-6	- Victor Island. N side	49 39:8 126 09:4	Fl W 4s	8	6	Red and white $\triangle$ on mast 3	
				*	*	*	*
5226	- Mate Island	49 21:0 126 16:1	Q W	9	6	White round tower, green band at top	Ra refl
		*		*	*	*	
5226-2	- Sharp Point	49 20:9 126 15:6	Fl W 10s	26	14	White round tower 3	<i>fl 0:3</i>
		... *	Horn 30s	...	...	...	<i>bl 3</i>
5226-4	Starling Point	49 23:6 126 13:9	Q W	6	6	White round tower 3	
		*		*	*	*	
5226-6	Stewardson Inlet. Driver Point	49 26:7 126 16:1	Q W	7	6	White round tower 3	
		*			*	*	
5229-4	Shelter Inlet. Clio Island. W end	49 23:6 126 11:0	Fl W 4s	17	6	Red and white $\triangle$ on mast 3	<i>fl 0:5</i>
					*	*	
5230	Hayden Passage. Rock in middle of passage	49 23:7 126 06:4	Fl R 4s	5	5	White round tower, red band at top 3	<i>fl 0:5</i>
		*			*	*	
5231	Tibbs Islet. S side of Russel Channel	49 13:8 126 06:6	Fl W 4s	11	7	Mast 2	<i>fl 0:5</i>
	*	*			*	*	
5241-7	- Breakwater. Head	49 09:3 125 54:1	Fl W 4s	6	5	Red and white $\triangle$ daymark on mast 3	<i>fl 0:5</i>
				*	*	*	
5249	- Chrow Island. NW point	48 54:6 125 28:3	Fl W 4s	12	6	White round tower	<i>fl 0:5</i>
					*		
5252	- Hand Island Passage	48 56:7 125 19:6	Q W	8	5	White round tower, green band at top	
					*	*	

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5253	Coaster Channel	48 53·0 125 19·2	Fl W 4s	6	6	White round tower	<i>fl 0·5</i>
		*		*	*		
5254	- Swale Rock	48 55·5 125 13·3	Fl(3)W 12s	9	6	White round tower	<i>fl 0·5, ec 2, fl 0·5, ec 2, fl 0·5, ec 6·5</i>
		*		*	*		
5254·2	-- Hand Island. E islet	48 57·1 125 18·5	Fl W 4s	3	6	Mast	
		*		*	*	*	*
5254·5	- Baeria Rocks. S side	48 57·0 125 09·2	Fl W 4s	12	6	Mast	<i>fl 0·5</i>
					*	*	
5256	- Cape Beale. SE point of Barkley Sound entrance	48 47·2 125 12·8	FFl WR 5s	51	12	White tower on red framework	<i>fl 0·14. W311°-097°(146°), R097°-182°(85°). High intensity W and R flash superimposed every 5s. Emergency light</i>
		...	Horn 30s	...	...	10	<i>bl 3</i>
	*			*	*	*	*
5256·4	- Entrance. Dir Lt 072° 30'	48 48·7 125 10·8	Dir F WRG	13	9	White round tower	R064·5°-068·5°(4°), W068·5°-076·5°(8°), G076·5°-080·5°(4°)
		...	Fl R 4s	17	5	...	<i>fl 0·5. Vis all round</i>
				*			
5258	- Aguilar Point	48 50·4 125 08·4	Q WR	5	5	White round tower, red band at top	<i>fl 0·3. W055·5°-058°(2·5°), R058°-055·5°(357·5°)</i>
					*	*	
5259	- Wizard Islet	48 51·5 125 09·5	Fl(2)W 6s	5	6	Mast	<i>fl 0·5, ec 1, fl 0·5, ec 4</i>
					*	*	
5262·6	- Limestone Islet	48 58·9 124 58·4	Q W	8	5	White round tower	
				*	*		
5263	- Star Point	48 58·6 124 56·8	Fl W 4s	5	6	White round tower, red band at top	<i>fl 0·5</i>
		*			*	*	
5265	- Bilton Point	49 00·7 124 52·3	Fl W 4s	7	6	White round tower, green band at top	<i>fl 0·5</i>
					*	*	
5266	- Ten Mile Point. On point opposite Nahmint Bay	49 03·6 124 50·5	Fl R 4s	8	5	White round tower, red band at top	<i>fl 0·5</i>
	*	*			*	*	
5268	- Franklin River. At Sproat Narrows, on edge of shoal off mouth of river	49 06·2 124 49·3	Q R	7	5	White round tower, red band at top, on 9-pile dolphins	
	*				*	*	

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5270	- Dunsmuir Point. On W side of Alberni Inlet, opposite mouth of China Creek	49 09:2 124 48:5	Fl W 4s	7	6	White round tower, green band at top	<i>fl 0.5</i>
	*				*	*	
5274	- Hohm Island. SE Point	49 13:7 124 49:5	Fl W 4s	8	6	White round tower	<i>fl 0.5.</i> F W 245m and 675m NNW
					*		
5292	Sheringham Point	48 22:6 123 55:2	Fl G 15s	22	20	White 6 sided tower 19	<i>fl 0.15</i>
	*				*		*
5296.2	- Outer Ldg Lts 049° 40'. Front.	48 21:6 123 42:4	F Y	3	10	White , red stripe, on 5-pile dolphin	
		*			*		
5296.21	-- Rear. 101m from front	48 21:7 123 42:4	F Y	6	10	White , red stripe, on 5-pile dolphin	
		*			*		
5296.3	- Inner Ldg Lts 007° 34'. Front	48 21:8 123 42:6	F Y	3	10	White , red stripe, on 5-pile dolphin	
		*			*		
5296.31	-- Rear. 35m from front	48 21:8 123 42:6	F Y	5	10	White , red stripe, on 5-pile dolphin	
		*			*		
5296.4	- Ldg Lts 300°. Front	48 21:9 123 43:8	F Y	3	10	White daymark, red stripe, on 7 pile dolphin	Vis on leading line only
		*			*	*	
5296.41	-- Rear. 37m from front	48 21:9 123 43:8	F Y	4	10	White daymark, red stripe, on 7 pile dolphin	Vis on leading line only
	*	*			*	*	
5300	Race Rocks. Great Race Rock	48 17:9 123 31:9	Fl W 10s	36	...	White round tower, black bands	<i>fl 0.5.</i> Emergency light
					24		
	- 60m SW	...	Horn(3) 60s	...	...	White square building	<i>bl 2, si 3, bl 2, si 3, bl 2, si 48.</i> Horn points 155°
	*	*			*		*
5306	- Fisgard Island	48 25:8 123 26:9	Iso WR 2s	22	...	White round tower. Floodlit 15	R195°-332°(137°), W332°-195°(223°)
		*			*		
5307	- Scroggs Rocks. W side	48 25:6 123 26:3	Fl R 4s	6	5	White round tower, red band at top	<i>fl 0.5.</i> F R on cranes 850m NNE
				*	*	*	
5308	- Inskip Island. Ldg Lts 015°. Front	48 26:5 123 26:3	F Y	6	11	White daymark, red stripe, on mast	
					*	*	

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5308·1	--- Rear. 91m from front	48 26·5 123 26·3	F Y	11	11	White daymark, red stripe, on framework tower	
					*	*	
5310	- Brotchie Ledge	48 24·4 123 23·2	Fl G 4s	11	6	White round tower, green band at top	<i>fl 0·5.</i> Ra refl
	*				*	*	
5312	- Ogden Point Breakwater. Head	48 24·8 123 23·6	Q R	12	...	White square tower, red band at bottom	
		*			*	*	
5320	- Shoal Point. W of point	48 25·4 123 23·3	Q R	6	...	White round tower, red band at top, on 19 pile dolphin	Jetty heads marked by F R and F G lights 270m-565m E. R lights on building 140m SE
	*				*	*	
5328	Trial Islands. S island	48 23·7 123 18·3	Fl G 5s	28	11	White round tower 10	<i>fl 0·5.</i> Red lights mark towers 370m N, 3·5M NW, 4·2M and 6M NNW. Floodlit Water tower 2·1 NW
	*				*		
5333	Oak Bay. Mary Tod Island. Breakwater. Head	48 25·5 123 17·9	Fl R 4s	6	5	Mast	<i>fl 0·5</i>
		*			*	*	
5334	- Discovery Island. E end	48 25·5 123 13·5	Fl W 5s	28	14	White round tower 11	<i>fl 0·14.</i> F R lights on each of 2 radio masts on Strongtide islet 1·5M NW
		...	Horn 57s	...	...	...	<i>bl 3</i>
	*		*		*	*	*
5334·5	- Baynes Channel. N	48 27·0 123 15·8	Q G	6	5	White circular tower, green band at top	
		*			*		
5343·5	Fernie Island. SE end	48 40·7 123 23·4	Fl G 4s	7	...	White round tower, green band at top	<i>fl 0·5</i>
				*	*	*	
5344·7	- BLUE HERON BASIN. Entrance	48 40·4 123 24·7	Fl W 4s	5	6	White , black centre green border, on pile	<i>fl 0·5</i>
					*		
5345	James Island. Off NW point	48 37·1 123 22·7	Fl W 4s	5	6	5 pile dolphin	
				*	*	*	*
5345·3	Goudge Island. NW of Goudge Island	48 41·3 123 23·7	Fl W 4s	6	6	White round tower	<i>fl 0·5</i>
	*				*		
5351	Isabella Island. SE end	48 43·7 123 25·8	Q W	8	6	White round tower, green band at top	
		*		*	*	*	

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5358	Saturna Island. East Point	48 47·0 123 02·7	Fl WR 15s	37	16	Red framework tower 14	<i>fl 0·15.</i> W149°-060°(271°), R156°-211·5°(55·5°). 3 F R on radio tower 5M W Emergency light
			*	*	*	*	*
5360	- Mayne Island. Georgina Point	48 52·4 123 17·4	Fl W 10s	17	15	White round tower 11	<i>fl 0·15.</i> High intensity Fl W superimposed every 10s. RC. Emergency light
	*		*		*		*
5362	-- Mary Anne Point	48 51·7 123 18·7	Q W	8	6	White round tower, green band at top	Ra refl
					*	*	
5364	- Mayne Island. Helen Point	48 51·5 123 20·6	Q W	7	6	White round tower, red band at top	
					*	*	
5365	Galiano. Georgeson Bay	48 51·7 123 20·9	Q G	6	5	White round tower, green band at top	Ra refl
	*				*	*	
5369	- Peile Point	48 51·0 123 24·3	Fl W 4s	8	7	White round tower	<i>fl 0·5</i>
		*			*		
5370	- Nose Point	48 50·6 123 25·2	Q W	8	6	White round tower	
					*		
5378	North Reef	48 54·9 123 37·5	Fl(3)W 12s	7	7	White round tower	<i>fl 0·5, ec 2, fl 0·5, ec 2, fl 0·5, ec 6·5</i>
					*		
5382	- Hudson Island. Off W end	48 58·1 123 41·0	Q R	5	...	White round tower, red band at top	Ra refl
				*		*	
5382·2	-- N	48 58·0 123 40·4	Fl R 4s	5	5	White round tower, red band at top	<i>fl 0·5</i>
					*		
5383	Alarm Rock. SE end of rock	48 57·5 123 40·5	Fl(2)W 6s	5	6	White round tower	<i>fl 0·5, ec 1, fl 0·5, ec 4.</i> Ra refl
	*	*		*	*		
5384	Bare Point	48 55·8 123 42·3	Fl G 4s	9	5	White round tower, green band at top	<i>fl 0·5</i>
				*	*	*	
5385	- Ldg Lts 198° 50'. Front. N end of wharf	48 55·5 123 42·7	F G	8	13	Red daymark, white stripe, on square tower	
					*	*	
5385·1	-- Rear. 226m from front	48 55·4 123 42·7	F G	13	13	Red daymark, white stripe, on triangular tower	
					*	*	

V

Volume G *continued.*

5390	Dodd Narrows. Joan Point	49 08:2 123 49:0	Q W	9	5	White round tower, green band at top	R lights on tower 1·44M NW
		*			*	*	
5394	- Ldg Lts 196° 07'. Race Point. Front	49 00:8 123 35:1	F Y	7	9	White round tower 4	R lights on radio tower 200m S
		...	Horn 30s	...	...	...	<i>bl 2</i>
			*		*		*
5394·1	-- Virago Point. Rear. 445m from front	49 00:6 123 35:2	F Y	10	9	White square tower	
					*	*	
5396	- Ferry Breakwater. W end of S breakwater	49 00:1 123 07:7	Q R	8	5	White round tower, red band at top	Ra refl
	*	*			*	*	
5400	- Roberts Bank	49 05:3 123 18:6	Fl W 5s	11	10	White round tower, red band at top, and a concrete building on 8 piles	<i>fl 0·15.</i> Racon. Cables marked by dolphins Fl W + Ra refl and Fl Y + Ra refl 4M SE
		*			*	*	*
5401	- Sand Heads. Near outer end of Steveston Jetty	49 06:4 123 18:2	Fl R 5s	16	12	Orange square tower on white building	<i>fl 0·15.</i> Emergency light. High intensity Fl R superimposed every 5s
	*	*	*		*		*
5414	- NORTH ARM. North Arm Jetty. NW end. Westerly	49 15:5 123 16:7	Fl(3)W 12s	8	9	White round tower	<i>fl 0·5, ec 2, fl 0·5, ec 2, fl 0·5, ec 6·5</i>
					*		
5419	- Point Cowan	49 20:1 123 21:6	Q W	20	7	White round tower	
					*		
5419·4	- Cape Roger Curtis	49 20:4 123 26:0	Fl(3)W 12s	11	6	White round tower	<i>fl 0·5, ec 2, fl 0·5, ec 2, fl 0·5, ec 6·5.</i> R lights on TV tower 3·7M NNE
		*			*		
5486	Tugboat Island	49 08:9 123 41:0	Fl W 4s	6	6	White round tower	<i>fl 0·5</i>
					*	*	
5488	- Entrance Island	49 12:6 123 48:5	Fl W 5s	19	15	White round tower 11	<i>fl 0·14</i>
		*					*
5492	- Gallows Point	49 10:2 123 55:1	Iso W 2s	7	11	White round tower, red band at top 5	
		*		*	*	*	*
5807	Lucy Islands. E Island. NE point	54 17:7 130 36:5	Fl R 6s	21	12	White octagonal tower	<i>fl 0·5.</i> Vis 094·5°-351·5° (257°). Emergency light
		...	Horn(2) 60s	...	...	...	<i>bl 3, si 3, bl 3, si 51.</i> Horn points 050°
		*	*	*		*	*

V

Volume J, 1999. Weekly Edition No. 22, Dated 1st June, 2000.
Last Correction: Weekly Edition No. 21, dated 25th May, 2000.

0040	- Egg Rock	44 21:2 68 08:3	Fl R 5s	20	15	White square tower on dwelling 12	Emergency light of reduced intensity
		...	Horn(2) 30s	...	...	...	<i>bl 2, si 2, bl 2, si 24</i> *
0288	Bakers Island. N side	42 32:2 70 47:2	AlFl WR 20s	34	W 16 R 13	White conical tower	Reserve light Fl W 10s
		...	Horn 30s	...	...	...	<i>bl 3</i> *
2342	<i>Remove from List</i>						
3158-7	<i>Remove from List</i>						
4022	- Ldg Lts D 111°. Front	29 45:3 93 53:0	Q W	12	...	Framework tower on piles	Shown 24 hours
		*		*		*	*
4022-1	-- Rear. 665m from front	29 45:2 93 52:9	Iso W 6s	23	...	Framework tower on piles	Shown 24 hours
	*			*		*	*
6425-4	- Sebastopol	11 46:8 66 34:9	Fl W 6s	16	12	White GRP tower, orange bands	<i>fl 1</i> *
6870-5	--	5 49:5 55 09:4	Aero Oc R	77	23	Radio mast	Obstruction. Bridge piles marked by Fl W and Fl Y 1M S *

Volume K, 2000. Weekly Edition No. 22, Dated 1st June, 2000.
Last Correction: Weekly Edition No. 21, dated 25th May, 2000.

1669-2	-- NE beacon	18 00:5 122 13:2	Fl Y 5s	9	3	Yellow × on yellow beacon	Destroyed (T) 2000 *
2903-3	Pannikin Island. N. Alan Robb	27 37:8 153 19:6	Fl R	...	...	Red on beacon	*
2903-35	- NE	27 38:5 153 20:5	Fl R 4s	...	...	Red on beacon	*
*	*	*	*	*	*	*	*
2903-5	Long Island. N	27 38:6 153 21:1	Fl R 2-5s	...	...	Red on beacon	*
	*					*	*
2903-52	- NNW	27 38:7 153 21:0	Fl G 2-5s	...	...	Green △ on beacon	*
*	*	*	*	*	*	*	*
2903-54	- NW	27 38:8 153 20:8	Fl R 4s	...	...	Red on beacon	*
*	*	*	*	*	*	*	*

V

Volume K *continued.*

2903-55 *Remove from List*

2903-56	- NNE	27 38-7 153 21-4	VQ(9)W 15s	...	...	on yellow beacon, black band	
*	*	*	*	*	*	*	*
2903-58	- NE	27 39-0 153 21-5	Fl G 4s	...	...	Green △ on beacon	
*	*	*	*	*	*	*	*
2903-6	<i>Remove from List</i>						
2903-69	Karragarra Island. N	27 38-1 153 21-7	Fl R	...	...	Red on beacon	R and G lights mark beacons south of island
*	*	*	*	*	*	*	*
2903-7	- W	27 38-5 153 21-4	Fl Y 2-5s	...	...	× on yellow beacon	
	*						*
3180-5	- Marlin Marina. Wave break. S side. Outer	16 55-2 145 46-9	Q R	...	...	Wave break	
*	*	*	*	*	*	*	*
3180-51	---- Inner	16 55-2 145 46-9	Q R	...	...	Wave break	
*	*	*	*	*	*	*	*
3711	Poor Knights Islands. N Island (M)	35 27-0 174 44-2	Fl W 5s	158	17	White structure 4	(fl 0-1, ec 3-2) x 2, fl 0-1, ec 10. Vis 039°-317°(278°)
	*		*		*		*
4711	- LAUTOKA HARBOUR. Vio Island. Off SW point	17 36-4 177 25-9	Fl R 3s	6	5	Beacon	fl 0-3. F R on radio mast 1-05M E
							*
5006-4	- Île Aukena. Ldg Lts 086° 30'. Front	23 08-2 134 55-0	Iso WG 4s	6	5	White column, green base 6	
			*				
5006-41	--- Rear. 940m from front	23 08-1 134 54-5	Iso WG 4s	18	5	White column, green base 18	
			*				

Volume L, 2000. Weekly Edition No. 22, Dated 1st June, 2000.

Last Correction: Weekly Edition No. 21, dated 25th May, 2000.

2528	- Øynes	67 14-0 15 15-3	Oc(2)WRG 8s	9	W 11 R 10 G 9	White lantern	G289°-293°(4°), W293°-307°(14°), R307°-064°(117°), G064°-103°(39°), W103°-113°(10°), R113°-119°(6°). Shown 4/8-2/5. 2 F R Lts in line mark cables 4-5M NE
					*		*

V

Volume L *continued.*

2535	- Hjelmøy	67 15·7 13 57·4	Fl WRG 5s	13	W 7 R 5 G 4	White lantern on concrete column	<i>fl 0·7.</i> G025°-038°(13°), W038°-048·5°(10·5°), R048·5°-056°(7·5°), W056°-062°(6°), G062°-232°(170°), R232°-236°(4°). Shown 4/8-2/5
					*		*
2562	- Grytøy	67 23·4 13 51·3	Fl(2)WR 10s	33	W 8 R 6	White lantern on concrete column	<i>fl 0·8, ec 1·5, fl 0·8, ec 6·9.</i> W265°-285°(20°), R285°-300°(15°), W300°-211°(271°), R211°-214°(3°), W214°-220°(6°). Shown 4/8-2/5
					*		*
2614	Steinsholmen. Ldg Lts 186°. W side. Front	67 44·2 14 42·9	Iso WRG 2s	9	W 5 R 3 G 3	White lantern	G021°-030°(9°), R030°-094·5°(64·5°), G094·5°-180°(85·5°), W180°-198°(18°), R198°-204°(6°). Shown 4/8-2/5
					*		*

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AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

See also Notices to Mariners Nos. 3 of 2000

Weekly Edition No. 22 dated 1 June 2000

In order to maintain and improve the accuracy of the information contained in the Admiralty List of Radio Signals it would be of great assistance if users could advise the Hydrographer of the Navy of any amendments relating to Maritime Radio Services.

New, additional or corroborative information is always welcome. Any amendments may be listed on this sheet and forwarded to the address below, stating whether the information is based on the announcement by, or has been verified with, the authority concerned.

Latest Weekly Notice received:

Description of amendment:

Station name and call sign:

Number in ALRS volume:

Details:

Hydrographer of the Navy
Admiralty List of Radio Signals
United Kingdom Hydrographic Office
Admiralty Way
Taunton
Somerset TA1 2DN
United Kingdom

Tel: +44 (0)1823 337900

Fax: +44 (0)1823 334752 for ALRS Direct or
+44 (0)1823 284077 for all other services

E-mail: alrs@nprs.hydro.gov.uk

Telex: 46274

Name of Sender and Date:

.....

Name of Ship:

Telex / Fax / E-mail:

Address:

.....

.....

.....

VI

VOLUME 1, 1999/00—PART 1

Published Wk 31/99

(Last Amendments: Weekly Edition No. 20 dated 18 May 2000)

A New Edition of this volume is in the press and will be published shortly

NIL

22/00

VOLUME 1, 1999/00—PART 2

Published Wk 31/99

(Last Amendments: Weekly Edition No. 19 dated 11 May 2000)

A New Edition of this volume is in the press and will be published shortly

NIL

22/00

VOLUME 2, 2000

Published Wk 10/00

(Last Amendments: Weekly Edition No. 21 dated 25 May 2000)

RADIOBEACONS AND RADIO DIRECTION-FINDING STATIONS

Insert station:

Hongkan Lt RC 20°18′.55N 110°23′.85E **2401**
BW—Grouped with 2402

22/00

2402 **Naozhou Dao Lt**

Delete frequency 315 kHz and replace by: 295 kHz

Grouping table, insert line 4:

2401	Hongkan	BW	100		Cont	Cont
------	---------	-----------	-----	--	------	------

22/00

Insert station:

Hailing Dao RC 21°34′.55N 111°51′.50E **2403**
HL 308 100 n miles H24

(Chinese Chart 15700) 22/00

RADAR BEACONS

Insert station:

Qiongzhou Haixia North Channel, Lt Vessel No 1 20°30′.95N 110°56′.70E **8141.5**
Racon

M

(Chinese Chart 15700) 22/00

Insert stations:

Simu Yu Lt Racon 26°13′.90N 119°48′.40E **8171.5**
M

Xiyang Dao, West Lt Racon 26°30′.65N 119°57′.90E **8172**
Z

Dajin Jiǎo, South East Lt Racon 26°42′.60N 120°09′.85E **8172.5**
N

(Chinese Chart 13900) 22/00

Insert stations:

Wang Jiao Lt Racon 27°09′.08N 120°32′.58E **8173.2**
Y

Jiaobei Dao Lt Racon 27°20′.62N 120°38′.22E **8173.4**
K

(Chinese Chart 13770) 22/00

VOLUME 3, 2000/01—PART 1

Published Wk 21/00

*(Last Amendments: Weekly Edition No. 21 dated 25 May 2000)***0510 Turku (OFK)***Delete Storm Warnings to Ice Reports and replace by:***Storm Warnings**

A: On receipt
0233 0633 1033 1433 1833 2233

In English for Areas 1–5, 7

Weather Messages

A: 0633 1833

Gale warnings, Fcst in English for Areas 1–5, 7. Includes wave heights in the Northern Baltic

Navigational Warnings

A: On receipt
0233 0633 1033 1433 1833 2233
On request (In English, Swedish and Finnish)
NAVAREA I, coastal, and local warnings in English for Gulf of Finland, N Baltic Sea and Gulf of Bóthnia
Decca warnings for Gulf of Finland Chain

Ice Reports

A: 0803

Icebreaker positions only, in English

A: 1033 1833

In English. Bcst includes position of icebreakers

(Turku Radio) 22/00

VOLUME 3, 2000/01—PART 2

Published Wk 21/00

(Last Corrections: Weekly Edition No. 21 dated 25 May 2000)

NIL

22/00

VOLUME 5, 1999/00

Published Wk 24/99

*(Last Amendments: Weekly Edition No. 21 dated 25 May 2000)***A New Edition of this volume is in the press and will be published shortly**

NIL

22/00

VOLUME 6, 1999/00—PART 1

Published Wk 43/99

*(Last Corrections: Weekly Edition No. 21 dated 25 May 2000)***B 2860 HARMAJA***Delete station***B 2880 PORKKALA***Delete station*

(ALRS Volume 7)

B 6020 CAGLIARI*After Pilots section insert:***Vessel Traffic Service**

FREQUENCY: Operations Centre: Ch 16; 24

PROCEDURE:

(1) In order to allow the Maritime Authority to authorise movements within Cagliari Roads and for the Operation Centre to track by radar all vessels using the Traffic Separation Scheme (through the Vessel Traffic Service), the following **Convergence Points** have been established:

- (a) **P** (39°10′.0N 9°07′.5E) for vessels bound for the commercial port
- (b) **Y** (39°09′.5N 9°06′.0E) for vessels bound for the Canal–Port
- (c) **Q** (39°03′.8N 9°06′.1E) for vessels bound for Sarroch

(2) Masters of vessels close to arrival at these Points must report to the Operations Centre (VHF Ch 16, 24) or the pilots, in order to declare the characteristics of their vessels or the nature of the cargo.

22/00

B 6025 PORTO FOXI, Sarroch*Pilots, PROCEDURE, line 3, section (1), after 2.5 n miles E insert:*

(Anchorage Berth G4, Anchorage Zona Alfa)

22/00

Line 4, section (2), after 2.5 n miles NE insert:

(Anchorage Berth G1, Anchorage Zona Echo)

22/00

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Line 5, section (3), after 1 n mile NE insert:

(Anchorage Berth G2, Anchorage Zona Alfa)

22/00

Line 6, section (4), after 3 n miles N insert:

(Anchorage Berth G3, Anchorage Zona Charlie)

(Portalano 1/A) 22/00

B 6267 MESSINA, Sicily

After **Pilots** section insert:

Voluntary Reporting System

See ALRS Volume 7

(MV Indianapolis) 22/00

B 6760 BURGAS

Pilots, PROCEDURE, lines 6 & 7, delete (4) Pilotage to of Burgas. and replace by:

- (4) Pilot boarding positions are centred on Traffic Separation roundabouts in position:
- (i) 42°39'·8N 27°57'·0E
 - (ii) 42°28'·8N 27°42'·5E

22/00

B 6770 VARNA

Pilots, PROCEDURE, lines 12 to 14, delete Pilot boards to Anchorage area. and replace by:

- (6) Pilot boarding positions are centred on Traffic Separation roundabouts in position:
- (i) 42°39'·8N 27°57'·0E
 - (ii) 43°19'·8N 28°29'·0E

(Bulgarian Chart 100.02) 22/00

VOLUME 6, 1999/00—PART 2

Published Wk 43/99

(Last Corrections: Weekly Edition No. 21 dated 25 May 2000)

G 2599 MARE HARBOUR AND EAST COVE

Pilots and Port, delete TELEPHONE and FREQUENCY and replace by:

TELEPHONE: OIC Port Troop: +500 77004 (Office hours)
Port Ops: +500 77003 (H24)/77000 (Office hours)

FREQUENCY: Port Ch 16; 12
Tugs Ch 16; 12 13
SAR and Emergencies: Ch 16; 67 (SAR Helicopters)

(460 Port Troop, RLC, Falkland Islands) 22/00

VOLUME 7, 1999/00—PART 1

Published Wk 46/99

(Last Corrections: Weekly Edition No. 20 dated 18 May 2000)

A 1950 HARWICH

Haven Ports Pilotage Service, page 69, PROCEDURE, line 12, delete (Pilot disembarks 0·5 n miles S of Cross Lt buoy (51°56'·20N 1°30'·59E)

Page 71, diagram of **HARWICH** and **IPSWICH**, delete the symbol for a pilot boarding position together with the legend Harwich Haven Ports (Disembarkation) in position 51° 55' N 1° 29' E

Delete the legend Harwich Haven Ports (Embarkation) in position 51° 57' N 1° 33' E and replace by: Haven Ports

Delete the symbol for a Reporting Point south of Cross Lt buoy (51° 56' N 1° 31' E)

(former correction 20/00)

(Harwich Haven Authority)

Insert station:

SARDINIA

CAGLIARI

B 6020
39°13'N 9°07'E

Pilots

See ALRS Volume 6

Vessel Traffic Service

FREQUENCY: Operations Centre: Ch 16; 24

PROCEDURE:

(1) In order to allow the Maritime Authority to authorise movements within Cagliari Roads and for the Operation Centre to track by radar all vessels using the Traffic Separation Scheme (through the Vessel Traffic Service), the following **Convergence Points** have been established:

- (a) **P** (39°10'·0N 9°07'·5E) for vessels bound for the commercial port
- (b) **Y** (39°09'·5N 9°06'·0E) for vessels bound for the Canal–Port
- (c) **Q** (39°03'·8N 9°06'·1E) for vessels bound for Sarroch

(2) Masters of vessels close to arrival at these Points must report to the Operations Centre (VHF Ch 16, 24) or the pilots, in order to declare the characteristics of their vessels or the nature of the cargo.

Port

See ALRS Volume 6

(Portalano 1/A) 22/00

VI

Insert station:

NP289 – ALRS SMALL CRAFT, 2000/01 UNITED KINGDOM TO THE MEDITERRANEAN

MESSINA, Sicily

B 6267
38°12'N 15°34'E

Published Wk 17/00

Pilots

See ALRS Volume 6

(Last Amendments: Weekly Edition No. 19 dated 11 May 2000)

Voluntary Reporting System

(1) Stretto di Messina – South Bound

NIL

CALL: Messina Traffic Control

22/00

FREQUENCY: Ch 16; 14

(2) Stretto di Messina – North bound

CALL: Reggio di Calabria Traffic Control

FREQUENCY: Ch 16; 13

PROCEDURE: Vessels should call 5 n miles before arrival at the entrances stating the following information:

- (1) Vessel's name and call sign
- (2) Flag
- (3) Last port of call and destination
- (4) GRT
- (5) Type of cargo aboard and quantity in metric tonnes
- (6) Any IMO cargo

Port

See ALRS Volume 6

(MV Indianapolis) 22/00

VOLUME 7, 1999/00—PART 2

Published Wk 46/99

(Last Corrections: Weekly Edition No. 18 dated 4 May 2000)

NIL

22/00

VOLUME 8, 2000/01

Published Wk 13/00

(Last Amendments: Weekly Edition No. 21 dated 25 May 2000)

NIL

22/00

HYDROGRAPHIC NOTE

(for instructions, see overleaf)

Date

Ref. No.

Name of ship or sender:

Address of sender:

.....

.....

Tel/Fax/Telex No./ e-mail address of sender (if appropriate):

General locality

Subject

Position. Lat Long

British Admiralty Charts affected Edition dated

Position fixing system used Datum set

Latest Weekly Edition of Notice to Mariners held

Publications affected (Edition No., ... date of latest supplement, page and Light List No. etc.)

.....

Details:—

A replacement copy of Chart No is required, but see 4 overleaf.

Signature of observer/reporter

HYDROGRAPHIC NOTE

Forwarding information for British Admiralty Charts and Hydrographic Publications

INSTRUCTIONS:—

1. Mariners are requested to notify the Hydrographer of the Navy, UK Hydrographic Office, Admiralty Way, Taunton, Somerset, TA1 2DN, United Kingdom, when new or suspected dangers to navigation are discovered, changes observed in aids to navigation, or corrections to publications seen to be necessary. The Mariner's Handbook (NP 100) Chapter 8 gives general instructions. The provisions of international and national laws should be complied with when forwarding such reports.
2. This form and its instructions have been designed to help both the sender and the recipient. It should be used, or followed closely, whenever appropriate.
Copies of this Form may be obtained gratis from the UK Hydrographic Office at the above address or principal Chart Agents (see Annual Notice to Mariners No. 2).
3. When a **position** is defined by sextant angles or bearings (true or magnetic being specified) more than two should be used in order to provide a check. Distances observed by radar and the readings of Loran, Decca, etc., should be quoted.
Latitude and longitude should only be used specifically to position the details when they have been fixed by astronomical observations or GPS and a full description of the method, equipment and datum (where applicable) used should be given.
4. A cutting from the largest scale chart is the best medium for forwarding details, the alterations and additions being shown thereon in red. When requested, a new copy will be sent in replacement of a chart that has been used to forward information, or when extensive observations have involved defacement of the observer's chart. If it is preferred to show the amendments on a tracing of the largest scale chart (rather than on the chart itself) these should be in red as above, but adequate details from the chart must be traced in black ink to enable the amendments to be fitted correctly.
5. When **soundings** are obtained The Mariner's Handbook (NP 100) should be consulted. The echo sounding trace should be marked with times, depths, etc., and forwarded with the report. It is important to state whether the echo sounder is set to register depths below the surface or below the keel; in the latter case the vessel's draught should be given. Time and date should be given in order that corrections for the height of the tide may be made where necessary. The make, name and type of set should also be given.
6. Modern **echo sounders** frequently record signals from echoes received back after one or more rotations of the stylus have been completed. Thus with a set whose maximum range is 500m, an echo recorded at 50m may be from depths of 50m, 550m or even 1050m. Soundings recorded beyond the set's nominal range can usually be recognised by the following:—
 - (a) the trace being weaker than normal for the depth recorded,
 - (b) the trace passing through the transmission line,
 - (c) the feathery nature of the trace.As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be submitted if they show significant differences from charted depths.
7. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be mentioned.
8. Reports of **shoal soundings**, uncharted dangers and navigational aids out of order should, at the mariner's discretion, also be made by radio to the nearest coast radio station. The draught of modern tankers is such that any uncharted depth under 30 metres or 15 fathoms may be of sufficient importance to justify a radio message.
9. **Port information** should be forwarded on Form H.102a together with Form H.102. Form H.102a lists the information required for Admiralty Sailing Directions and should be used as an *aide memoire*. Where there is insufficient space on the form an additional sheet should be used.
10. Reports on **ocean currents** should be made on Form H.568 (Sea surface current observations) in accordance with The Mariner's Handbook. This form is obtainable from the UK Hydrographic Office, Taunton, or principal Chart Agents.

Note.— An acknowledgement or receipt will be sent and the information then used to the best advantage which may mean immediate action or inclusion in a revision in due course. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless (as sometimes happens) the information is also received from other authorities. An explanation of the use made of contributions from all parts of the world would be too great a task and a further communication should only be expected when the information is of outstanding value or has unusual features.

HYDROGRAPHIC NOTE FOR PORT INFORMATION

(To accompany Form H.102)

Name of ship or sender:

Address:

Ref. No.

.....

Date:

.....

1. NAME OF PORT	
2. GENERAL REMARKS Principal activities and trade. Latest population figures and date. Number of ships or tonnage handled per year. Maximum size of vessel handled. Copy of Port Handbook if available.	
3. ANCHORAGES Designation, depths, holding ground, shelter afforded.	
4. PILOTAGE Authority for requests. Embarkation position. Regulations.	
5. DIRECTIONS Entry and berthing information. Tidal Streams. Navigational aids.	
6. TUGS Number available and max. hp.	
7. WHARVES Names, numbers or positions. Lengths. Depths alongside. Heights above Chart Datum. Facilities available.	
8. CARGO HANDLING Containers, lighters, Ro-Ro etc.	

9. CRANES Brief details and max. capacity.	
10. REPAIRS Hull, machinery and underwater. Ship and boat yards. Docking or slipping facilities. Give size of vessels handled or dimensions. Hards and ramps. Divers.	
11. RESCUE AND DISTRESS Salvage, lifeboat, Coastguard, etc.	
12. SUPPLIES Fuel with type and quantities available. Fresh water with rate of supply. Provisions .	
13. SERVICES Medical. De-ratting. Consuls. Ship chandlery, compass adjustment, tank cleaning, hull painting.	
14. COMMUNICATIONS Road, rail and air services available. Nearest airport or airfield. Port radio and information service with frequencies and hours of operating.	
15. PORT AUTHORITY Designation, address and telephone number.	
16. SMALL CRAFT FACILITIES Information and facilities for small craft (eg yachts) visiting the port. Yacht Clubs, berths, etc.	
17 VIEWS Photographs (where permitted) of the approaches, leading marks, the entrance to the harbour, etc. Picture postcards may also be useful.	

Signature of observer/reporter