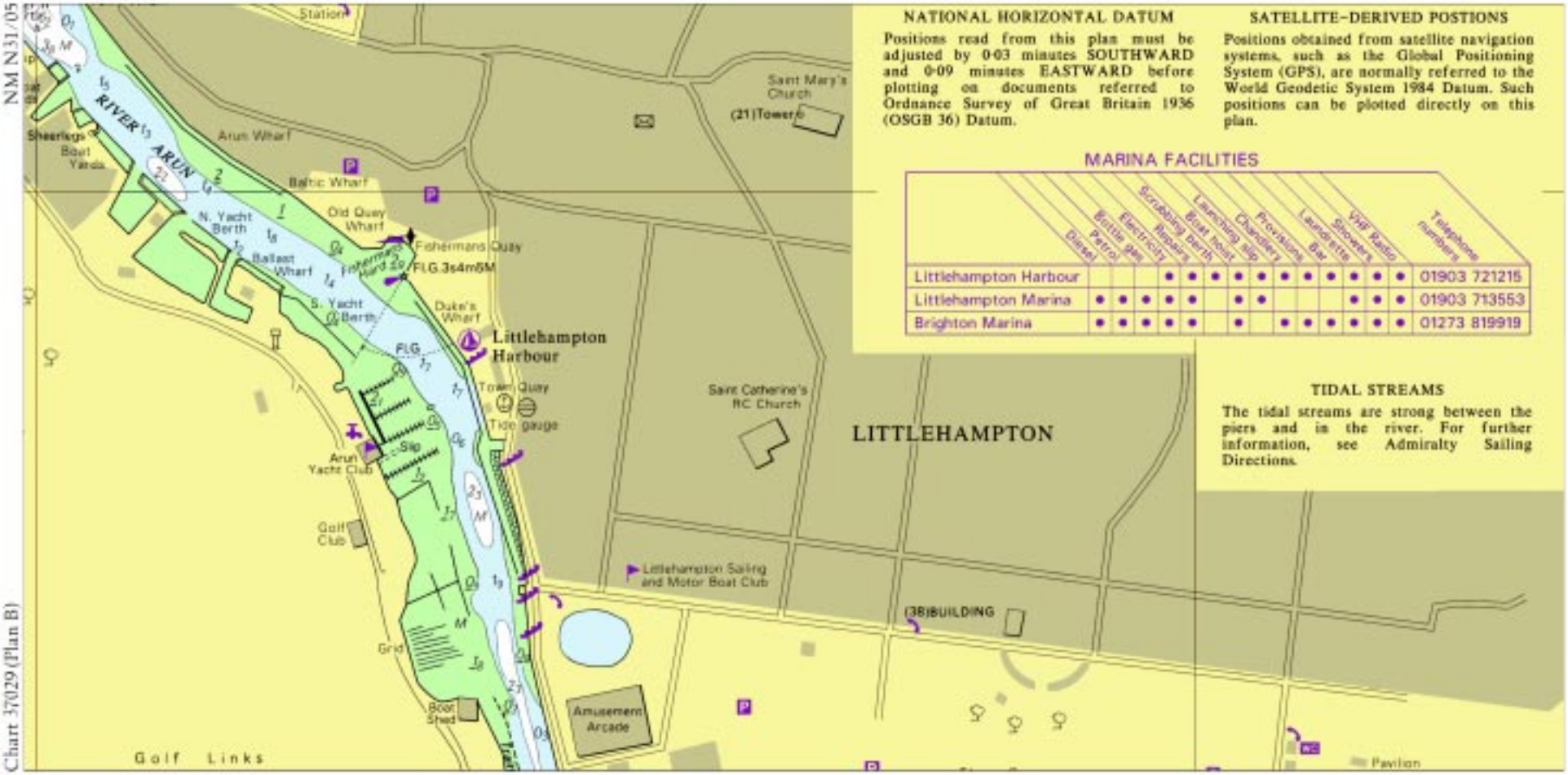



## NATIONAL HORIZONTAL DATUM

Positions read from this plan must be adjusted by 0·03 minutes SOUTHWARD and 0·09 minutes EASTWARD before plotting on documents referred to Ordnance Survey of Great Britain 1936 (OSGB 36) Datum.

## SATELLITE-DERIVED POSTIONS

Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. Such positions can be plotted directly on this plan.

## MARINA FACILITIES

| | Diesel | Petrol | Bottle gas | Electricity | Repairs | Scrubbing berth | Boat hoist | Launching slip | Chandlery | Provisions | Bar | Laundrette | Showers | VHF Radio | Telephone numbers |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Littlehampton Harbour | | | | • | • | • | • | • | • | • | • | • | • | • | 01903 721215 |
| Littlehampton Marina | • | • | • | • | • | | • | • | | | | • | • | • | 01903 713553 |
| Brighton Marina | • | • | • | • | • | | • | | • | • | • | • | • | • | 01273 819919 |

## TIDAL STREAMS

The tidal streams are strong between the piers and in the river. For further information, see Admiralty Sailing Directions.

Chart 91294 (A) NM 31/05

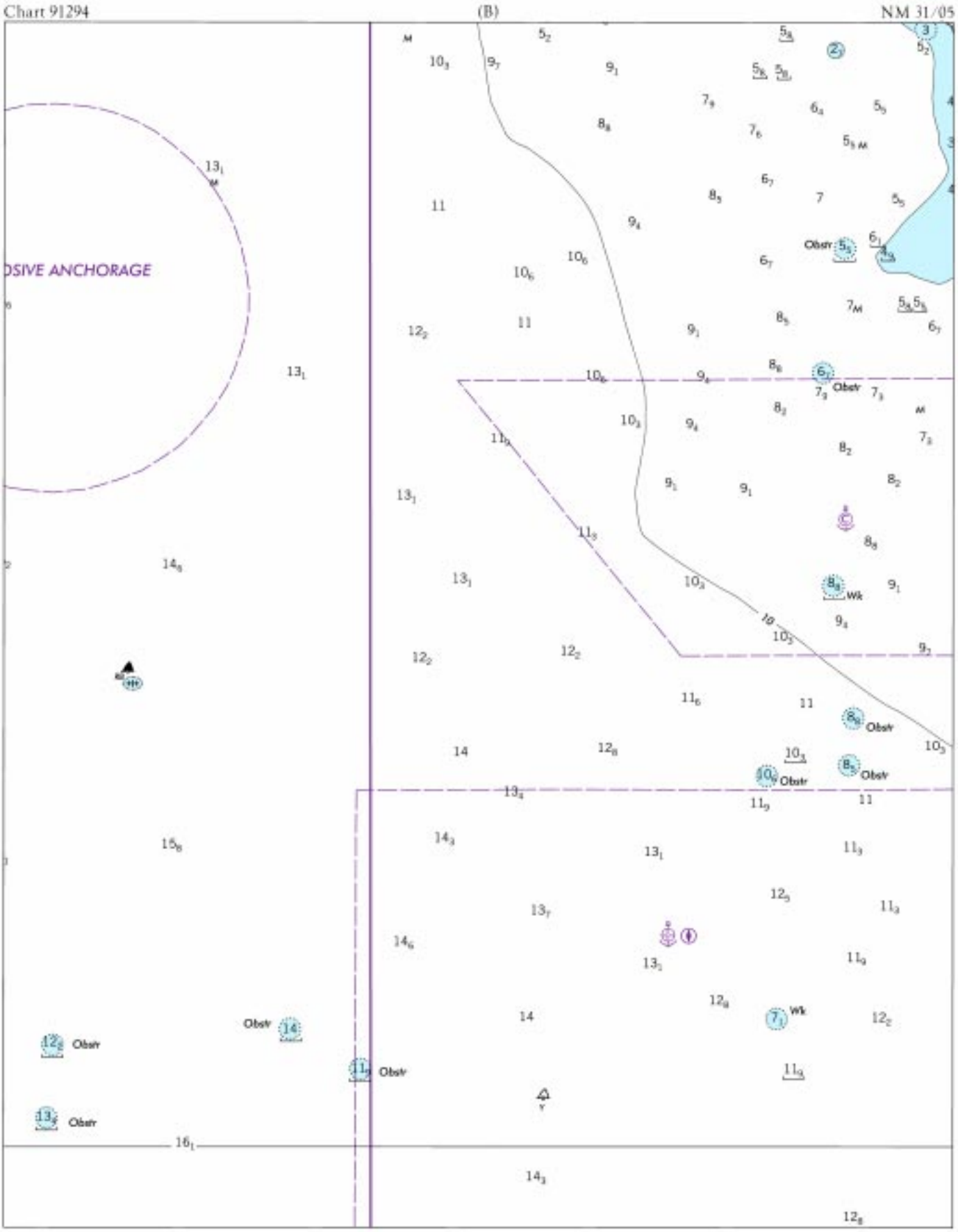


Chart 91294
(B)
NM 31/05
OSIVE ANCHORAGE
Obstr
Wk

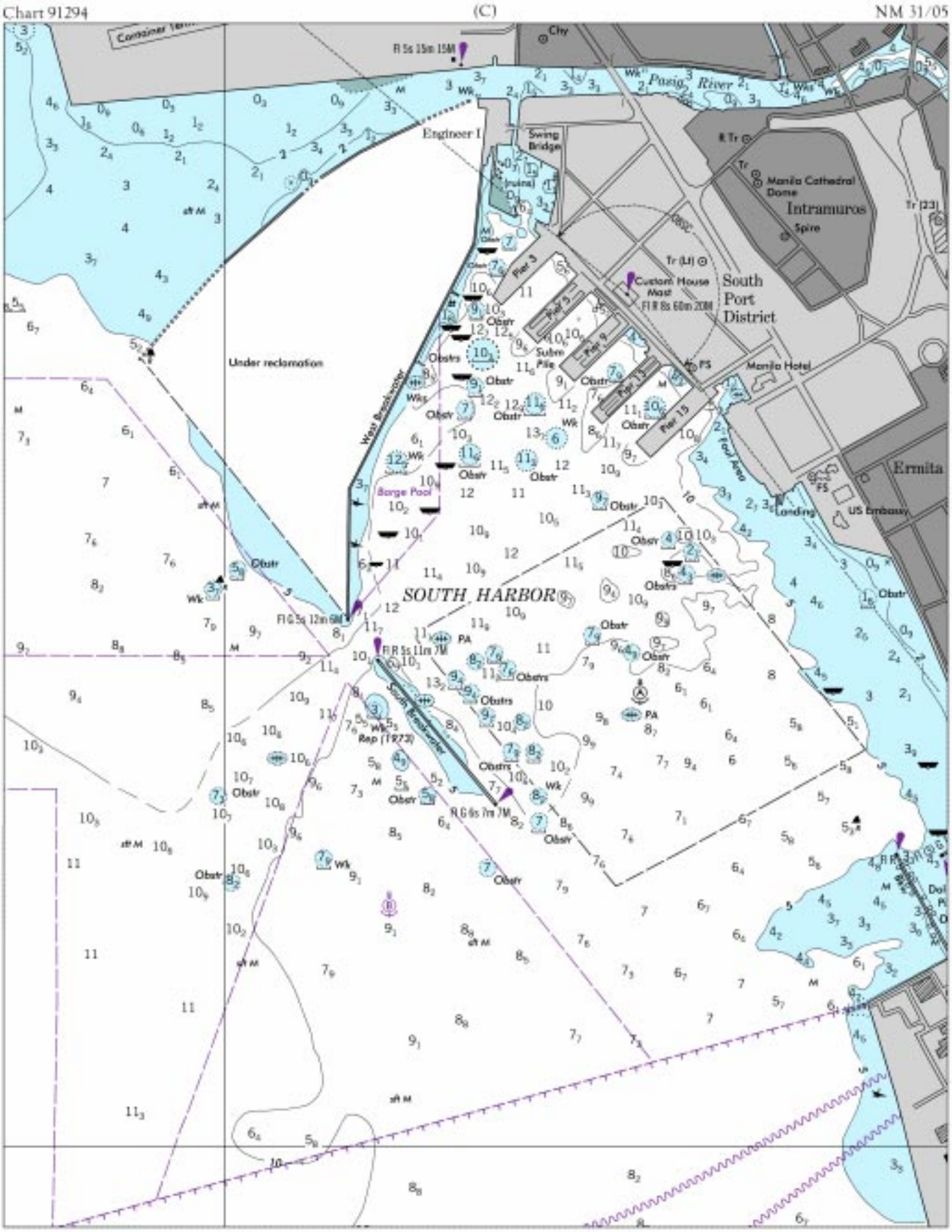


Chart 91294
(C)
NM 31/05
Pasig River
Engineer I
Swing Bridge
Manila Cathedral Dome
Intramuros
Spire
Custom House Mast
South Port District
Manila Hotel
Ermita
US Embassy
Landing
Under reclamation
West Breakwater
Barge Pool
SOUTH HARBOR
South Breakwater
Fl G 5s 12m 6M
Fl R 5s 11m 7M
Fl G 6s 7m 7M
Fl R 8s 60m 20M
Fl 5s 15m 15M
Rep (1973)
Obstr
Obstrs
Wk
Pier 3
Pier 5
Pier 9
Pier 15
Subm Pile
Foul Area

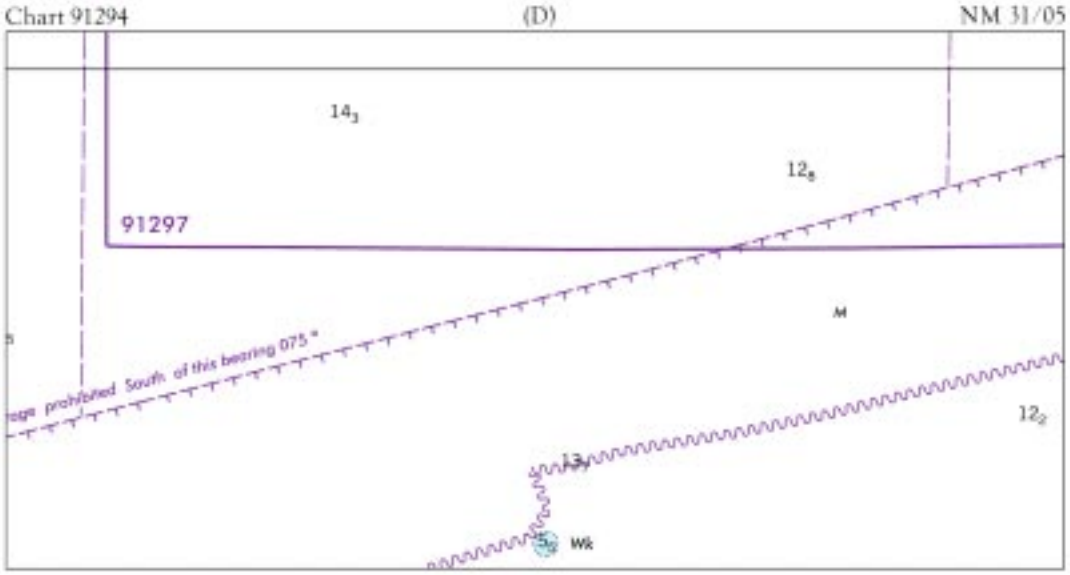


Chart 91294
(D)
NM 31/05
91297
M
Wk

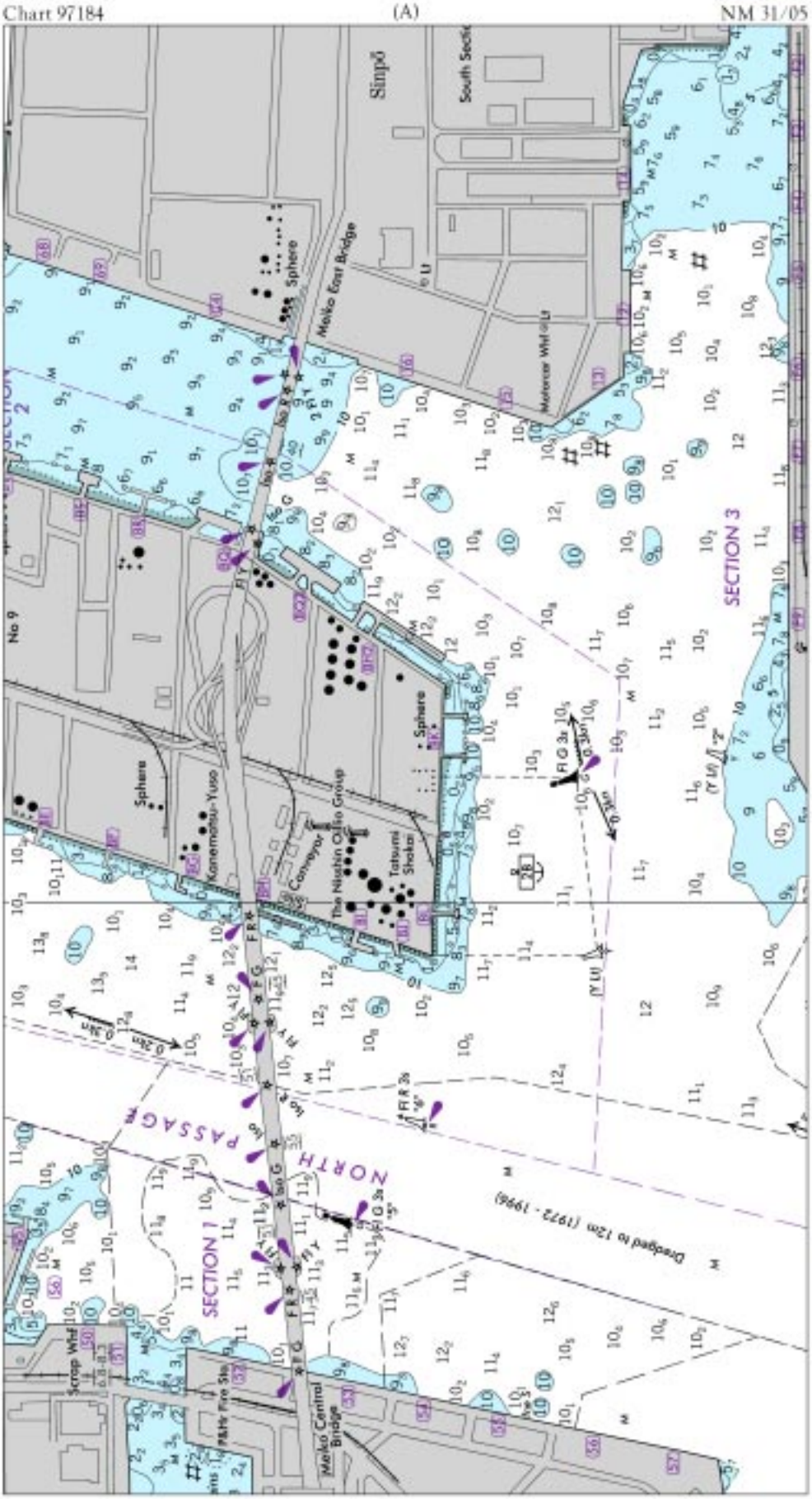


Chart 97184
(A)
NM 31/05
Simpō
South Section
Motoyoi Whf
Meiko East Bridge
Sphere
No 9
Sphere
Kanemotsu-Yuso
Conveyor
The Nisshin Oillio Group
Tatsumi Shokai
Sphere
SECTION 3
NORTH PASSAGE
SECTION 1
Dredged to 12m (1972 - 1996)
Scrap Whf
Meiko Central Bridge

Chart 97184
(B)
NM 31/05
Being reclaimed
ENTRY PROHIBITED
WEST PASSAGE
SECTION 6
SECTION 6
MAGNETIC
ANNUAL CHANGE 1°W
Dredged to 14m (1995 - 2004)
CONTINUED ON 97189
35°

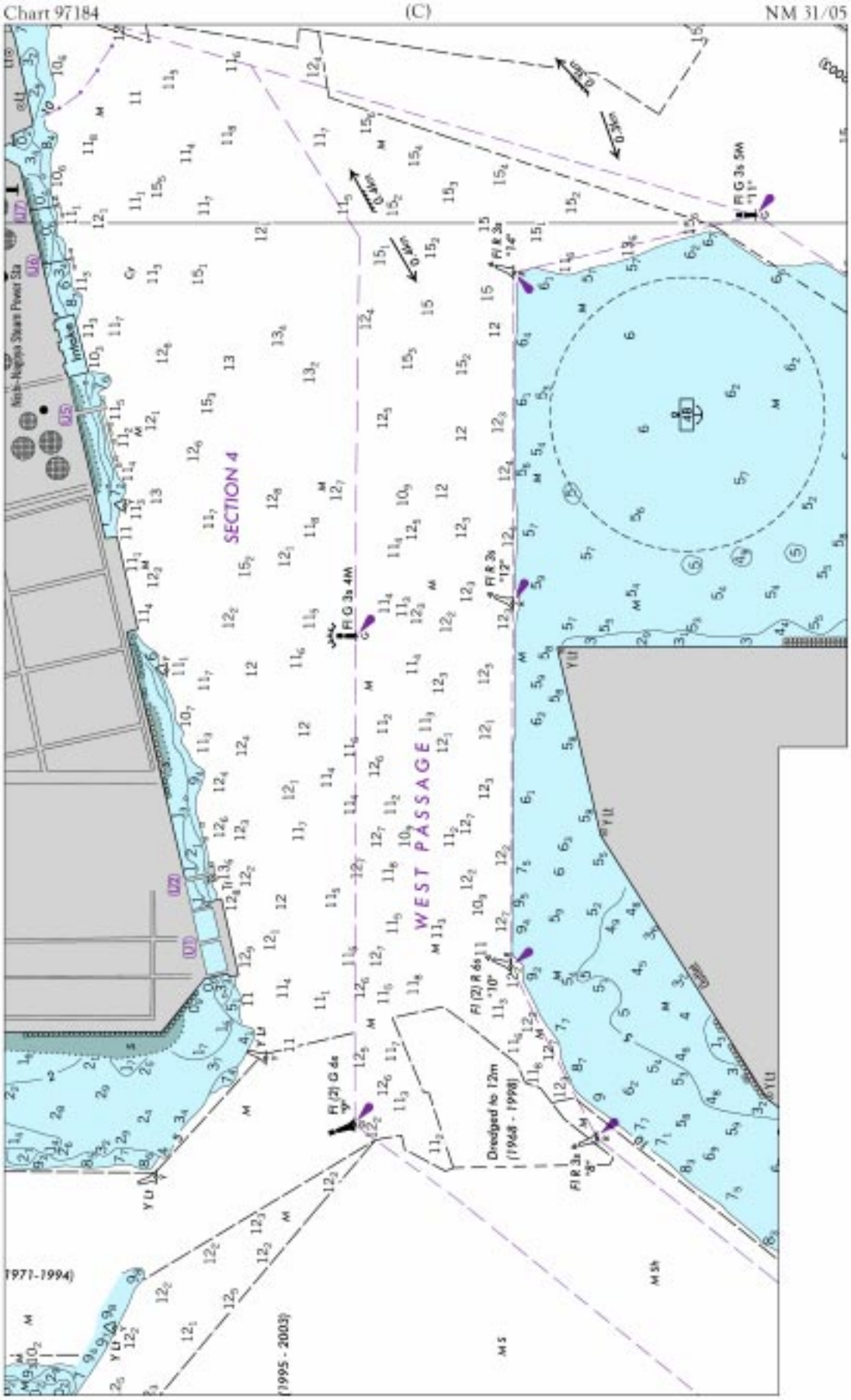
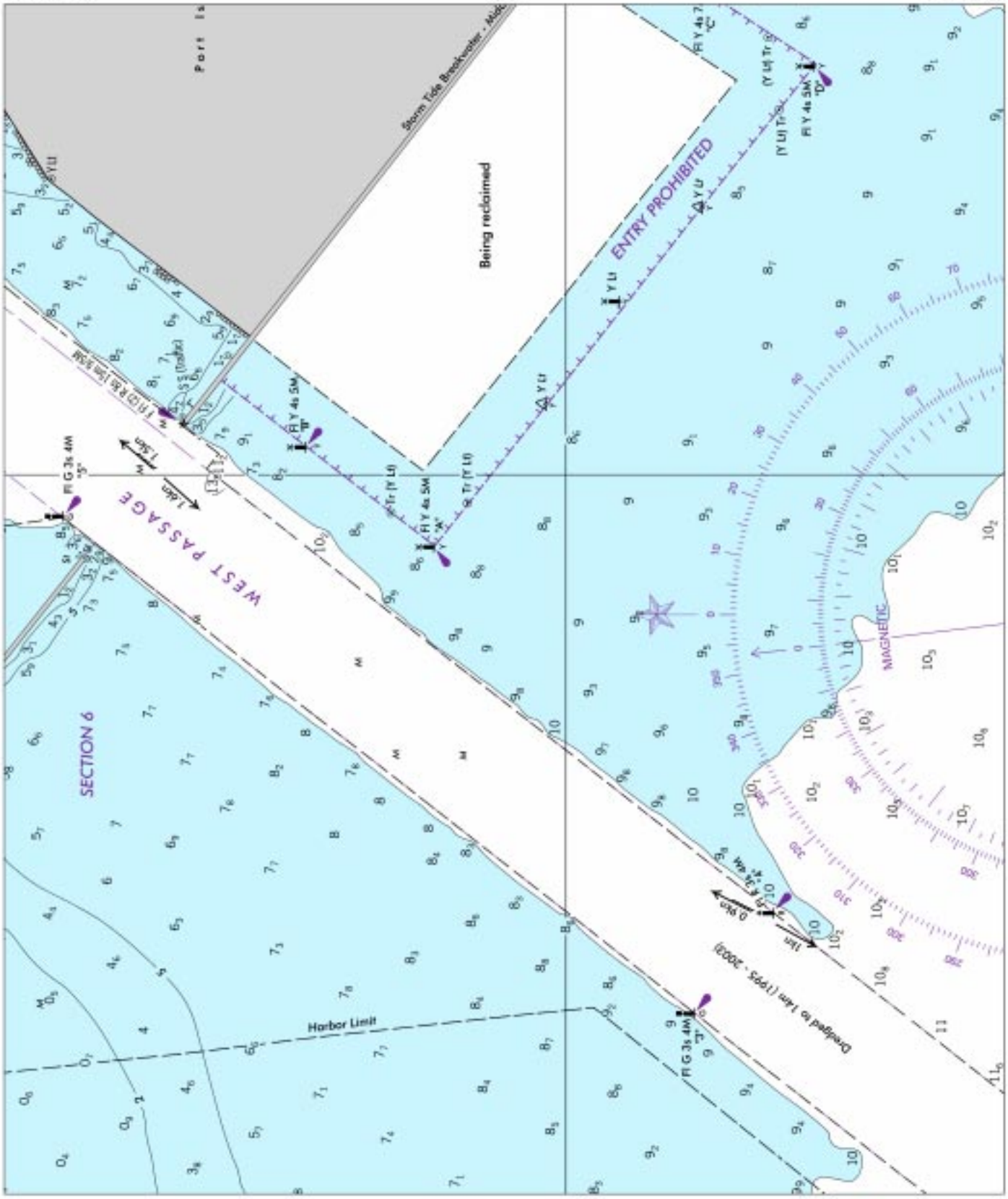


Chart 97184
(C)
NM 31/05
SECTION 4
WEST PASSAGE
Dredged to 12m
(1968 - 1998)
(1971-1994)
(1995 - 2003)

Chart 97189 (A) NM 31/05



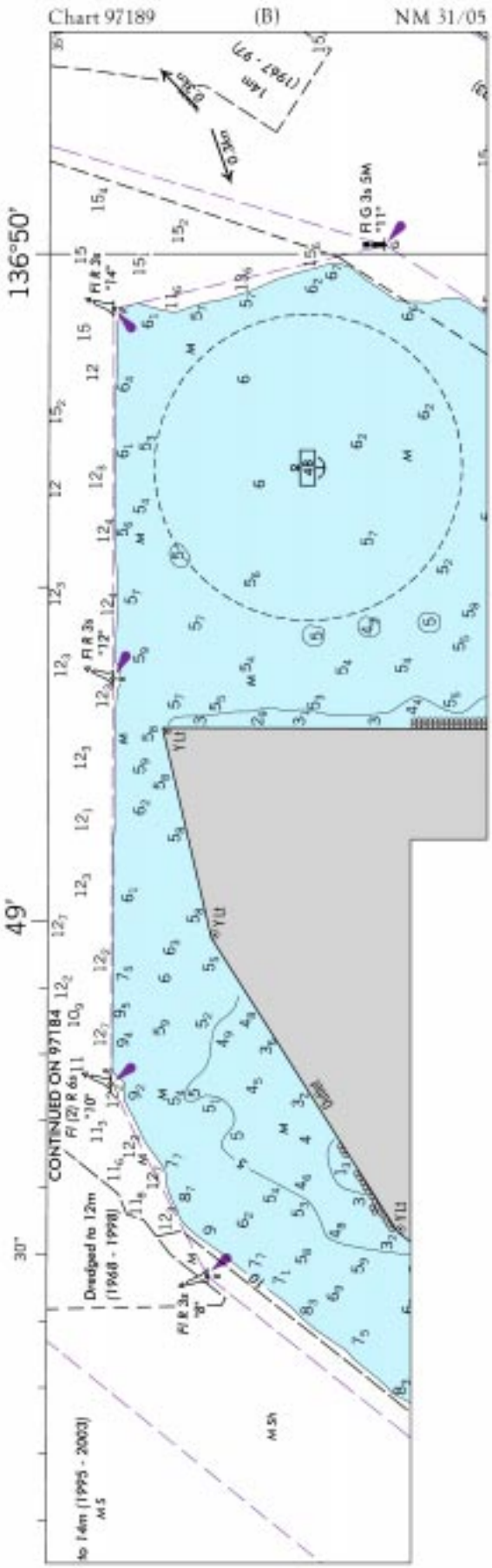


Chart 97189
(B)
NM 31/05
136°50'
49'
30"
Fl R 3s "14"
Fl R 3s "12"
Fl (2) R 6s "10"
Fl R 3s "8"
R G 3s 5M "11"
CONTINUED ON 97184
Dredged to 12m (1968 - 1998)
to 14m (1995 - 2003)
MSN

Chart 11404 (Side A) NM 31/05

CARRABELLE HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2004

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| CARRABELLE HARBOR ENTRANCE CHANNEL | 11.1 | 14.2 | 13.0 | 11-04 | 150 | 2.3 | 25 |
| HARBOR CHANNEL | 13.4 | 14.6 | 11.1 | 11-04 | 150 | 0.6 | 25 |
| TURNING BASIN | 9.1 | 11.0 | 10.0 | 11-04 | 500 | 0.1 | 25 |
| TURNING BASIN TO BRIDGE (29°51'56.8"N, 084°40'36.7"W) | 9.0 | 10.0 | 7.9 | 11-04 | 100 | 0.6 | 10 |
| BRIDGE TO 3 MILES NORTH | 3.9 | 7.7 | 3.9 | 11-04 | 80 | 3.0 | 10 |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18456 NM 31/05

OLYMPIA HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2005 AND SURVEYS TO FEB 2005

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| OUTER HARBOR (ENTRANCE TO BUOY 6) | 28.1 | 29.8 | 30.1 | 2-05 | 500 | 1.34 | 30 |
| ENTRANCE CHANNEL (BUOY 6 TO BASIN) | 28.4 | 29.6 | 27.9 | 2-05 | 300 | .35 | 30 |
| TURNING BASIN | 29.8 | 28.7 | 25.0 | 2-05 | 380-800 | .50 | 30 |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 37021 NM N31/05

BOAT CHANNEL
PORTSMOUTH HARBOUR ENTRANCE

A Boat Channel between No. 4 buoy (50° 47'·01N 1° 06'·36W) and Ballast Beacon (50° 47'·62N 1° 06'·83W), is established on the west side of the entrance. It is mandatory for all vessels under 20m in length when entering or leaving Portsmouth Harbour. All sailing vessels fitted with engines must proceed under power when in this channel. Vessels under 20m in length proceeding to and from Gunwharf Quays or the town cambers must cross the main navigation channel at right angles northward of Ballast Beacon after first obtaining the permission of the Queen's Harbour Master. For further details see Admiralty Sailing Directions, Admiralty List of Radio Signals and local Notice to Mariners.