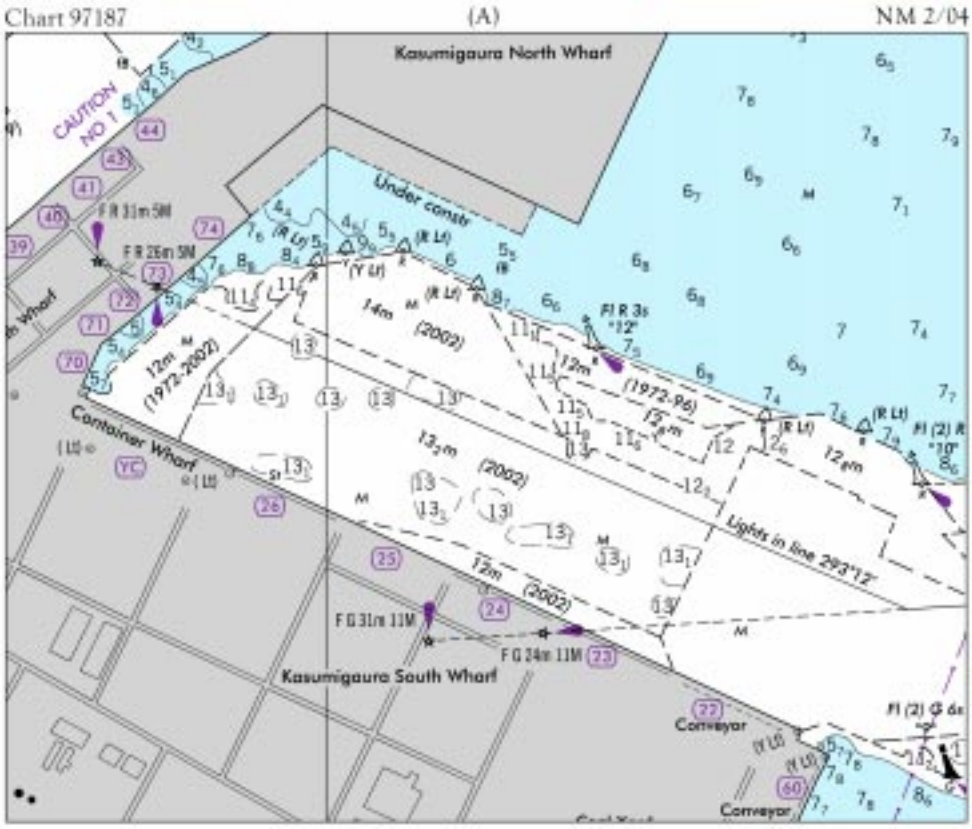
Chart 97187
(A)
NM 2/04
Kasumigaura North Wharf
CAUTION NO 1
Under constr
Container Wharf
Kasumigaura South Wharf
Lights in line 293°12'
Conveyor
Conveyor

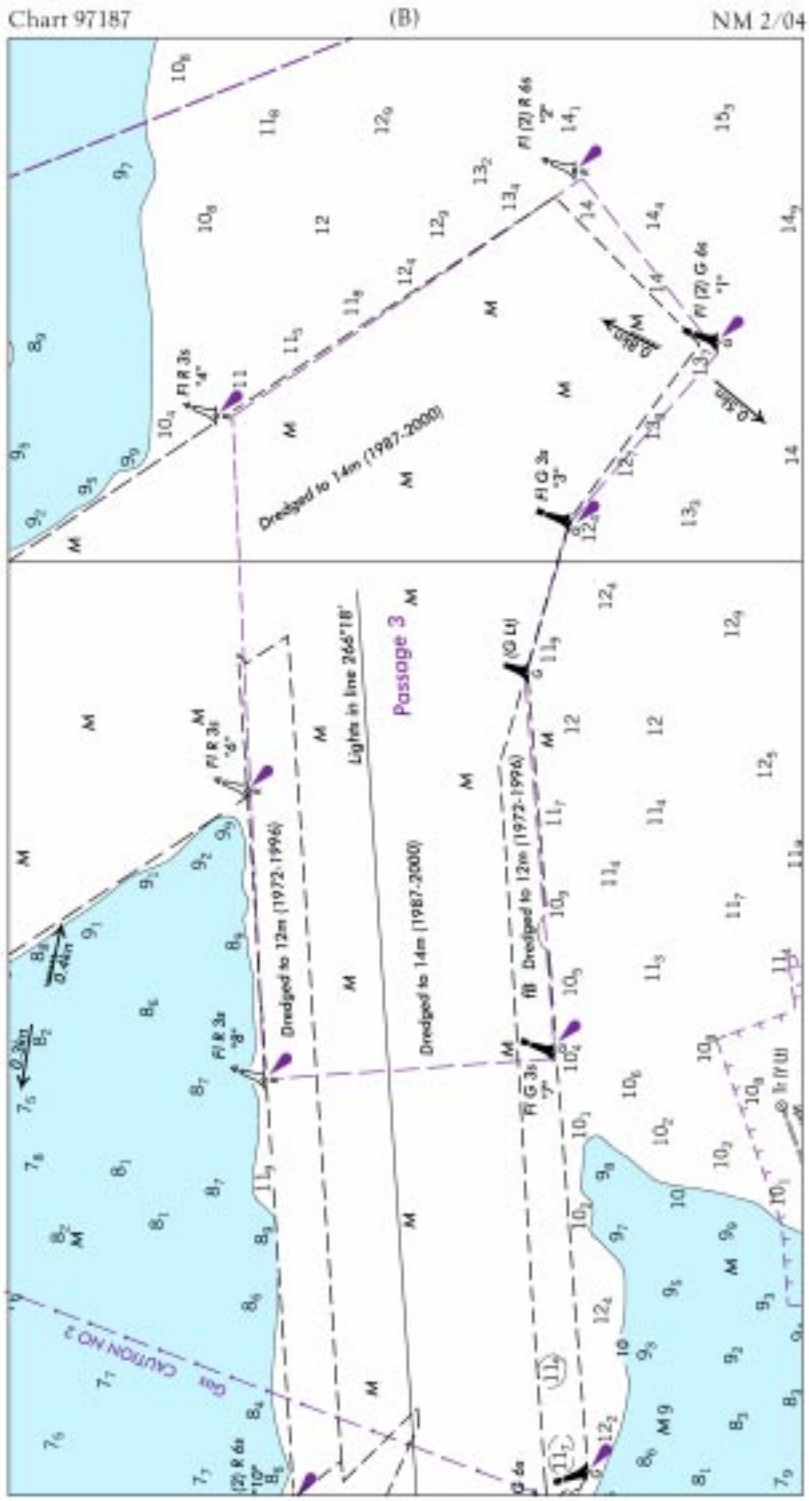
Chart 97187
(B)
NM 2/04
Dredged to 14m (1987-2000)
Dredged to 12m (1972-1996)
Lights in line 266°18'
Passage 3
Gas CAUTION NO 3

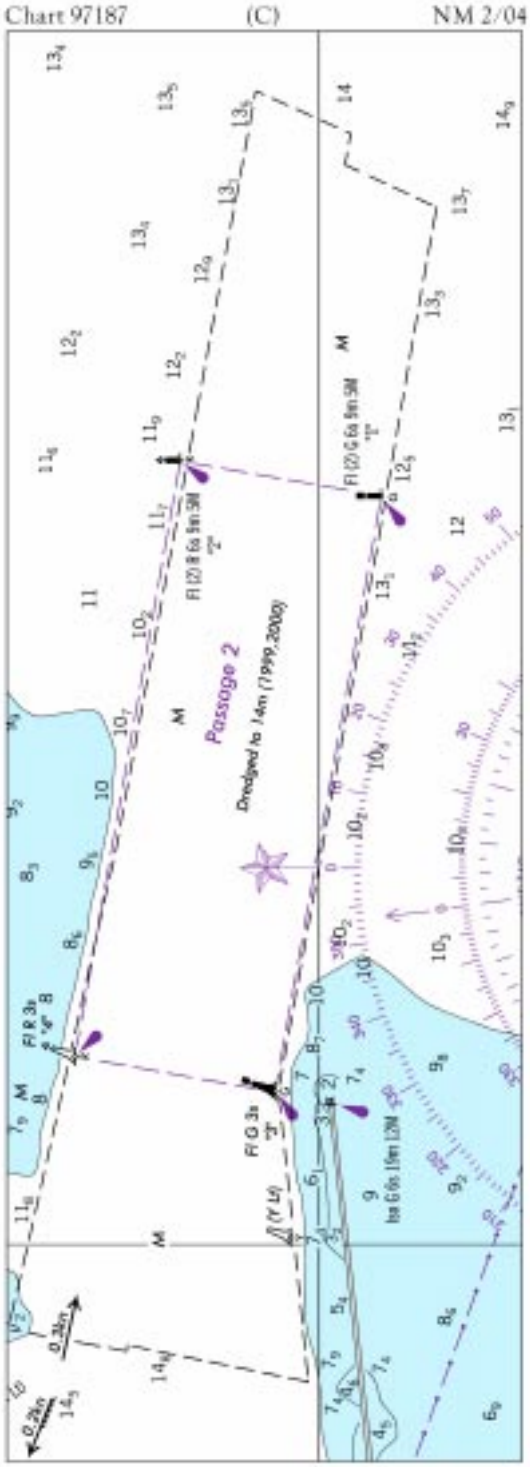
Chart 97187
(C)
NM 2/04
Passage 2
Dredged to 14m (1999,2000)

Chart 18531 (Lower Panel) NM 2/04

COLUMBIA RIVER CHANNEL DEPTHS
TOMAHAWK BAR TO BONNEVILLE LOCKS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOVEMBER 5, 2003

| CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (STAT. MILES) | DEPTH CRD (FEET) |
| TOMAHAWK BAR | 18 | 20 | 17 | 10-01 | 300 | 3.7 | 27 |
| AIRPORT BAR | 17 | 18 | 17 | 10-03 | 300 | 2.8 | 27 |
| GOVERNMENT ISLAND LOWER RANGE | 14 | 17 | 16 | 10-03 | 300 | 1.1 | 27 |
| GOVERNMENT ISLAND MIDDLE RANGE | 15 | 16 | 16 | 10-03 | 300 | 1.6 | 27 |
| FISHER QUARRY CHANNEL RANGE | 29 | 26 | 21 | 10-03 | 300 | 1.0 | 27 |
| GOVERNMENT ISLAND RANGE | 25 | 29 | 26 | 10-03 | 300 | 1.1 | 27 |
| GOVERNMENT ISLAND UPPER RANGE | 17 | 18 | 23 | 10-03 | 300 | 0.8 | 27 |
| LADY ISLAND RANGE | 19 | 21 | 24 | 10-03 | 300 | 2.1 | 27 |
| LADY ISLAND CHANNEL AND UPPER RANGE | 28 | 30 | 20 | 10-03 | 300 | 0.9 | 27 |
| WASHOUGAL LOWER RANGE | 22 | 28 | 30 | 10-03 | 300 | 1.5 | 27 |
| WASHOUGAL UPPER RANGE | 18 | 29 | 29 | 10-03 | 300 | 1.1 | 27 |
| GARY ISLAND RANGE | 17 | 17 | 17 | 10-03 | 300 | 0.9 | 27 |
| REED ISLAND RANGE | 17 | 17 | 15 | 10-03 | 300 | 2.2 | 27 |
| TUNNEL POINT CHANNEL | 24 | 25 | 26 | 10-03 | 300 | 0.8 | 27 |
| ROOSTER ROCK CHANNEL | 26 | 23 | 25 | 10-03 | 300 | 1.2 | 27 |
| CAPE HORN CHANNEL | 34 | 32 | 31 | 10-03 | 300 | 2.4 | 27 |
| CANDIANA CHANNEL | 16 | 38 | 36 | 10-03 | 300 | 1.0 | 27 |
| FASHION REEF LOWER RANGE | 10 | 18 | 21 | 10-02 | 300 | 2.2 | 27 |
| MULTNOMAH FALLS BAR RANGE | 13 | 24 | 17 | 10-02 | 300 | 1.3 | 27 |
| MULTNOMAH FALLS TURN | 12 | 18 | 21 | 10-02 | 300 | 0.8 | 27 |
| MULTNOMAH FALLS UPPER RANGE | 19 | 22 | 22 | 3-01 | 300 | 3.2 | 27 |
| MOGOWANS CHANNEL | 37 | 31 | 25 | 2-00 | 300 | 1.1 | 27 |
| WARRENDALE LOWER RANGE | 22 | 21 | 22 | 2-00 | 300 | 0.9 | 27 |
| WARRENDALE UPPER RANGE | 24 | 28 | 19 | 2-00 | 300 | 0.8 | 27 |
| HAMILTON ISLAND REACH | 24 | 30 | 26 | 2-00 | 300 | 0.9 | 27 |
| ENTRANCE TO BONNEVILLE LOCKS | 22 | 22 | 22 | 3-00 | 300 | 0.6 | 27 |

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT

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