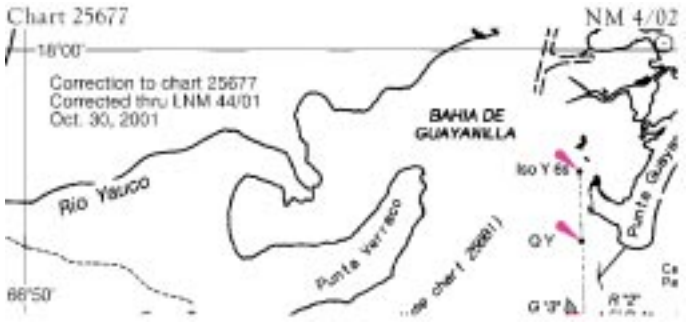
Chart 25677
NM 4/02
18°00'
Correction to chart 25677
Corrected thru LNM 44/01
Oct. 30, 2001
BAHIA DE
GUAYANILLA
Iso Y 6s
Q Y
Punta Guayanilla
Río Yauco
Punta Verraco
66°50'

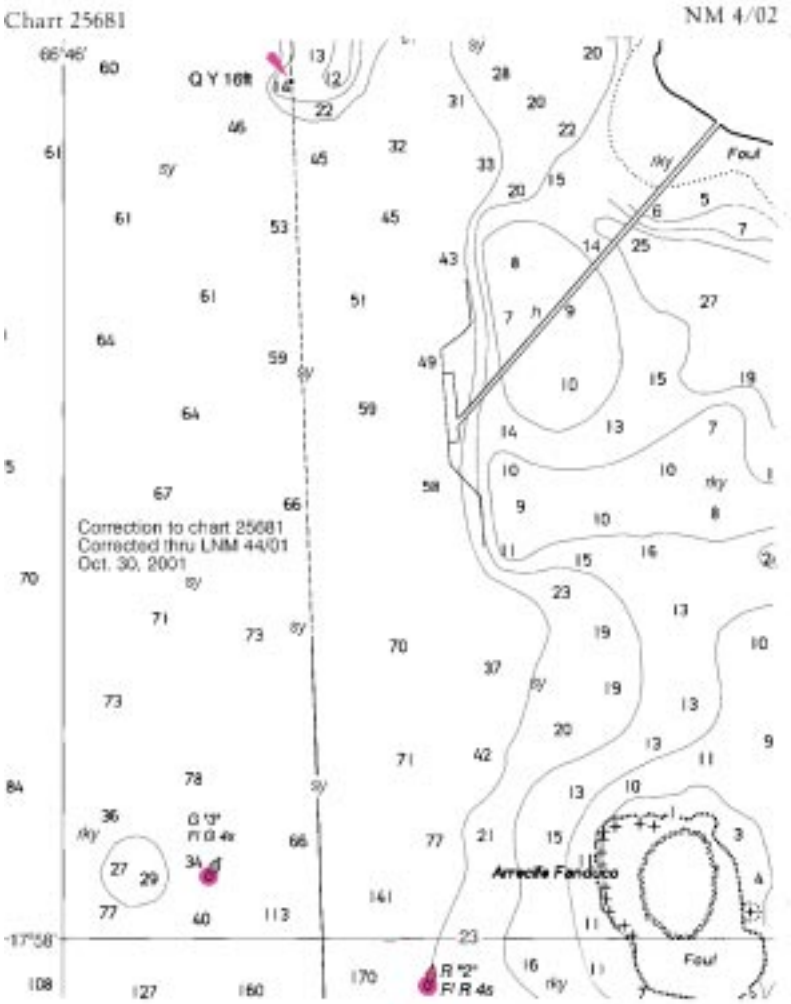
Chart 25681
NM 4/02
66°46'
Q Y 16s
Foul
Correction to chart 25681
Corrected thru LNM 44/01
Oct. 30, 2001
G "3"
Fl G 4s
Arrecife Fanduco
17°58'
R "2"
Fl R 4s
Foul

Chart 11466 NM 4/02

LAKE WORTH INLET CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2001 AND SURVEYS TO OCT 2001

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	28.8	29.5	25.9	10-01	400	.66	35
LAKE WORTH INNER CHANNEL	33.6	35.3	34.2	2-01	300-500	.49	33

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

Chart 11470 NM 4/02

PORT EVERGLADES CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2001 AND SURVEYS TO SEP 2001

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
OUTER BAR CUT (FROM SEA BUOY 2 TO EAST END OF SOUTH JETTY)	46.0	47.1	46.4	A38.2	9-01	500-450	1.0	45
BAR CUT (EAST END SOUTH JETTY TO TURNING BASIN, LT 9)	40.8	44.8	44.6	43.4	9-01	450	0.5	42

A. SHOALING TO 30.1 FEET AT 26°05'39.2"N, 80°06'16.6"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11537 NM 4/02

CAPE FEAR RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2001

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BALDHEAD SHOAL	36.2	38.3	38.4	28.9	5,8-01	500	5.0	40
SMITH ISLAND	18.5	29.1	41.2	42.9	5-01	500	1.0	40
BALDHEAD CASWELL CHANNEL	36.4	39.1	40.7	42.9	7-01	500	0.4	40
SOUTHPORT CHANNEL	40.7	41.8	40.7	36.1	11-00	500	1.0	40
BATTERY ISLAND CHANNEL	44.6	43.0	44.1	37.8	5-01	500	0.5	40
LOWER SWASH	38.9	38.7	38.4	36.6	9-01	400	1.6	38
SNOWS MARSH	38.1	40.7	40.4	38.3	9-01	400	3.1	38
HORSESHOE SHOAL	41.5	43.5	41.2	41.8	4,5-01	400	1.2	38
REAVES POINT	35.5	37.1	37.7	36.1	6-01	400	1.2	38
LOWER MIDNIGHT	32.4	35.1	38.8	34.0	6-01	400	1.6	38
UPPER MIDNIGHT	36.7	37.7	38.4	36.7	6-01	400	2.7	38
LOWER LILLIPUT	37.4	37.4	37.6	35.3	6-01	400	1.9	38
UPPER LILLIPUT	37.6	36.6	38.3	36.7	6,7-01	400	1.9	38
KEG ISLAND	35.3	38.7	37.2	32.4	3-00;3,7,9-01	400	1.4	38
BIG ISLAND LOWER	36.4	37.0	37.4	35.1	3-00;2,3,9-01	400	0.8	38
BIG ISLAND UPPER	37.0	38.8	37.1	33.9	10-00;3-01	400	0.5	38
LOWER BRUNSWICK	35.6	38.4	36.3	35.0	5-00	400	1.6	38
UPPER BRUNSWICK	27.1	38.0	38.9	34.3	4-01	400	1.0	38
FOURTH EAST JETTY	37.5	38.4	38.4	36.7	5-01	400	1.2	38
BETWEEN CHANNEL	35.4	39.8	39.1	35.7	8-01	550	0.8	38
ANCHORAGE BASIN & APP CHANNEL	33.4	35.9	35.6	31.9	4-01	450-1090	1.3	38
HWY 74-76 TO BATTLESHIP	30.7	32.9	36.2	29.0	12-99	400	0.6	32
BATTLESHIP TO HWY 117 INCLUDING TURNING BASIN	7.2	30.0	31.6	23.4	4-01	190-850	-	32
HWY 117 TO HILTON BR	27.0	28.8	31.8	30.5	4-01	200-400	0.5	32
THENCE TO END OF PROJECT AT 34°16'36"N, 77°57'01"W	23.1	23.6A	23.5B	21.9C	6-99	200	1.2	25
TURNING BASIN	24.6	21.0	22.2	16.1	6-99	500	0.1	25

A. EXCEPT FOR SHOALING TO 21.4 FEET FOR THE LAST 150 FEET OF THE PROJECT.
B. EXCEPT FOR SHOALING TO 16.4 FEET FOR THE LAST 150 FEET OF THE PROJECT.
C. EXCEPT FOR SHOALING TO 10.2 FEET FOR THE LAST 150 FEET OF THE PROJECT.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12311 NM 4/02

CHRISTINA RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2001
AND SURVEYS TO NOV 2001

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT CHRISTINA RIVER DATUM				PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH (FEET)
ENTRANCE CHANNEL TO THE UPPER END OF THE TURNING BASIN	38.0	38.1	37.5	11-01	500-340	0.70	38
THENCE TO THE LOBDELL CANAL	35.5	35.5	36.0	11-01	400	0.33	35
TURNING BASIN (OPPOSITE TERMINAL WHARF)	37.8	37.8	37.8	10-01	320	0.34	38

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

Chart 12312 NM 4/02

CHRISTINA RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2001
AND SURVEYS TO NOV 2001

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT CHRISTINA RIVER DATUM				PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH (FEET)
ENTRANCE CHANNEL TO THE UPPER END OF THE TURNING BASIN	38.0	38.1	37.5	11-01	500-340	0.70	38
THENCE TO THE LOBDELL CANAL	35.5	35.5	36.0	11-01	400	0.33	35
TURNING BASIN (OPPOSITE TERMINAL WHARF)	37.8	37.8	37.8	10-01	320	0.34	38

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

Chart 12331 NM 4/02

RARITAN BAY, ARTHUR KILL AND RARITAN RIVER
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF AUG 2001
AND SURVEYS TO APR 2001

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
RARITAN BAY-WEST REACH	33.8	38.7	38.9	29.7	7-99	600	2.4	35
SEGUINE POINT BEND	33.1	34.8	37.8	23.7	7-99;4-01	600-800	1.2	35
RED BANK REACH	33.4	40.8	40.8	36.5	4-01	600	1.2	35
WARD POINT BEND (EAST)	33.0	38.5	37.0	29.4	4-01	600-800	1.1	35
WARD POINT BEND (WEST)	35.5	33.8	32.4	32.1	4-01	600-800	0.8	35
OUTERBRIDGE REACH	34.2	35.4	35.0	32.2	4-96;4-01	600-800	0.8	35
PORT SOCONY REACH	34.9	35.3	35.7	34.9	5-99	600-800	0.8	35
PORT READING REACH	28.1	35.5	35.3	22.9	5-99	500	1.8	35
FRESH KILLS REACH	30.0	35.2	36.5	34.4	2,3-01	500	1.8	35
RARITAN RIVER CUTOFF	16.7	19.3	19.3	11.6	3-99	600-1100	1.0	20
WARD POINT SECONDARY CHANNEL	23.6	22.7	22.5	21.9	3-91	400	0.9	30
GREAT BEDS REACH	12.4	16.0	17.9	16.2	4-99	300	0.6	25
SOUTH AMBOY REACH	18.6	21.2	18.0	16.0	4-99	300	1.2	25

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

Chart 12333 NM 4/02

ARTHUR KILL, KILL VAN KULL, NEWARK BAY AND UPPER BAY CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB - MAR 2001

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FRESH KILLS REACH	30.0	35.2	36.5	34.4	2,3-01	500	1.8	35
TREMLEY POINT REACH	33.3	37.7	36.9	32.0	2,3-01	600	0.9	35
PRALLS ISLAND REACH	30.8	34.8	36.1	31.0	2,3-01	500	1.2	35
GULFPORT REACH	27.3	37.0	37.0	31.0	2,3-01	500-600	1.1	35
ELIZABETHPORT REACH	31.6	35.8	36.0	33.9	5-99	500-600	1.1	35
N OF SHOOTERS ISLAND REACH	33.0	34.5	35.6	33.9	5-99	600	1.0	35
S OF SHOOTERS ISLAND REACH	18.6	24.1	14.0	A 5.0	8-90	400	1.0	30
BERGEN PT. WEST REACH	38.1	40.0	40.0	37.1	12-96;2-97;5-99	800	1.1	35
BERGEN PT. EAST REACH	37.4	40.0	40.0	39.5	12-96;2-97	800	1.0	35
CONSTABLE HOOK REACH	34.0	40.0	40.0	34.8	12-96;2-97	2000-800	2.2	35
NEWARK BAY SOUTH REACH	40.3	40.1	40.2	39.1	3-99	1750-1000	1.4	40
NEWARK BAY MIDDLE REACH	36.9	40.6	37.6	34.6	3-99	1750-500	1.4	40
ELIZABETH CHANNEL	39.3	39.8	39.9	39.1	3-99	1350-500	1.4	40
PORT NEWARK CHANNEL:								
PORT NEWARK(BRANCH CHANNEL)	36.9	37.9	36.8	35.8	3-99	1050-400	0.4	40
PIERHEAD CHANNEL	36.5	37.4	35.9	36.0	3-99	300	0.7	40

A. OBSTRUCTIONS INTERSPERSED IN THE TWO RIGHT QUARTERS. THERE IS A MINIMUM DEPTH OF 5.9 FT OVER WRECKAGE.

* CONTROLLING DEPTHS IN CHANNELS OF RARITAN BAY- EAST REACH TO AND INCLUDING FRESH KILLS REACH ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM LOWER NEW YORK BAY. CONTROLLING DEPTHS FROM CONSTABLE HOOK TO AND INCLUDING TREMLEY POINT REACH ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM UPPER NEW YORK BAY.

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

Chart 14842 (Page 26) NM 4/02

SANDUSKY HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2001

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH LWD (FEET)
MOSELEY CHANNEL	24.2	25.1	25.6	A10.5	6-01	400	2.15	26
UPPER STRAIGHT CHANNEL	22.5	23.9	25.4	20.8	6-01	400	1.04	25
UPPER BAY CHANNEL	20.6	23.3	22.3	20.0	6-01	300	1.64	25
LOWER BAY CHANNEL	21.5	22.7	24.0	25.9	6-01	350	.24	24
TURNING BASIN	21.1	21.3	23.1	22.4	6-01	300-1725	.50	24
DOCK CHANNEL	18.1	17.6	20.1	19.2	6-01	300	1.10	22
LOWER STRAIGHT CHANNEL	15.7	17.3	18.7	16.8	6-01	400	.77	21

A. EXCEPT FOR SHOALING TO 4.7 FEET IN THE VICINITY OF BUOY 10.

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

Chart 14844 NM 4/02

SANDUSKY HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2001

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH LWD (FEET)
MOSELEY CHANNEL	24.2	25.1	25.6	A10.5	6-01	400	2.15	26
UPPER STRAIGHT CHANNEL	22.5	23.9	25.4	20.8	6-01	400	1.04	25
UPPER BAY CHANNEL	20.6	23.3	22.3	20.0	6-01	300	1.64	25
LOWER BAY CHANNEL	21.5	22.7	24.0	25.9	6-01	350	.24	24
TURNING BASIN	21.1	21.3	23.1	22.4	6-01	300-1725	.50	24
DOCK CHANNEL	18.1	17.6	20.1	19.2	6-01	300	1.10	22
LOWER STRAIGHT CHANNEL	15.7	17.3	18.7	16.8	6-01	400	.77	21

A. EXCEPT FOR SHOALING TO 4.7 FEET IN THE VICINITY OF BUOY 10.

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

Chart 14845 NM 4/02

SANDUSKY HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2001

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)						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 LWD (FEET)
MOSELEY CHANNEL	24.2	25.1	25.6	A10.5	6-01	400	2.15	26
UPPER STRAIGHT CHANNEL	22.5	23.9	25.4	20.8	6-01	400	1.04	25
UPPER BAY CHANNEL	20.6	23.3	22.3	20.0	6-01	300	1.64	25
LOWER BAY CHANNEL	21.5	22.7	24.0	25.9	6-01	350	.24	24
TURNING BASIN	21.1	21.3	23.1	22.4	6-01	300-1725	.50	24
DOCK CHANNEL	18.1	17.6	20.1	19.2	6-01	300	1.10	22
LOWER STRAIGHT CHANNEL	15.7	17.3	18.7	16.8	6-01	400	.77	21

A. EXCEPT FOR SHOALING TO 4.7 FEET IN THE VICINITY OF BUOY 10.

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

Chart 18581 NM 4/02

YAQUINA BAY AND RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2001

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)
CHANNEL ENTRANCE 44°36'23"N, 124°05'24"W TO FIRST TURN	27	34	32	9-01	400-300	1.3	40-30
THENCE TO TURNING BASIN	28	29	16	5-01, 9-01	300-400	1.3	30
TURNING BASIN	17	24	24	5-01	300-1200	0.3	30
THENCE TO YAQUINA	13	12	12	6-00	200	1.6	18
THENCE TO END OF PROJECT	2A	07	5B	7-98;7-00;11-00	150	9.7	10

A. SHOAL TO BARE AT 44°36'57.89"N, 123°56'34.87"W.
B. SHOAL TO BARE FROM 44°36'49.6"N, 123°56'55.4"W TO 44°36'57.3"'N, 123°56'42.7"W .
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18583 NM 4/02

SIUSLAW RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2001 AND SURVEYS TO SEP 2001

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)
ENTRANCE TO HIGHWAY BRIDGE	9	11	10	6,9-00;9-01	300-200	5.0	18-16
TURNING BASIN	10	7	6	9-01	400	0.3	16
TURNING BASIN TO CUSHMAN	7	8	8	7-99;9-01	150	2.1	12

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

Chart 18773 NM 4/02

SAN DIEGO HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2001

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)
SAN DIEGO HARBOR ENTRANCE CHANNEL	44.3	47.2	46.9	5-01	800	2.1	42

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