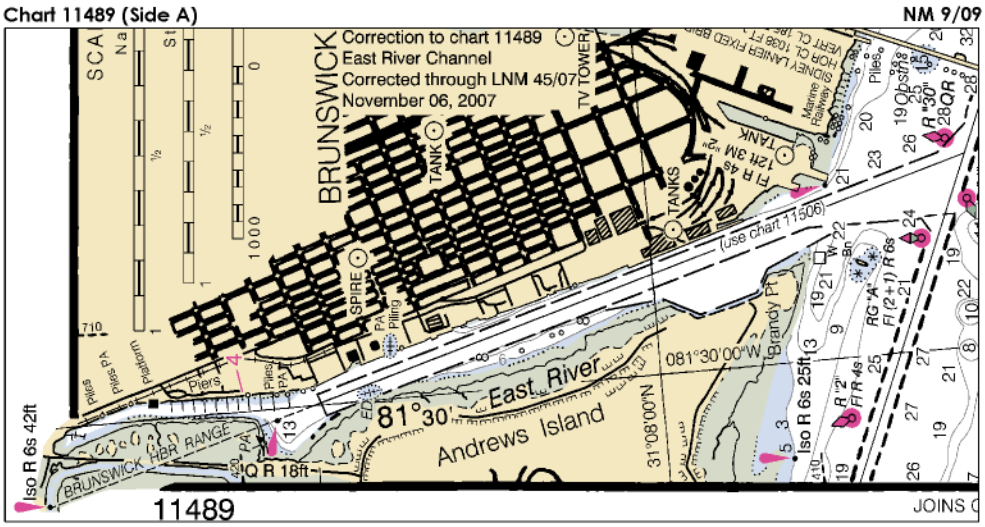
Chart 11489 (Side A)
NM 9/09
Correction to chart 11489
East River Channel
Corrected through LNM 45/07
November 06, 2007
BRUNSWICK
TANK
TV TOWER
TANKS
SPIRE
Piling
Piers
Piles
Platform
East River
Andrews Island
Brandy Pt
081°30'00"W
31°08'00"N
81°30'
(use chart 11506)
Iso R 6s 42ft
Iso R 6s 25ft
Q R 18ft
BRUNSWICK HBR RANGE
11489
JOINS C

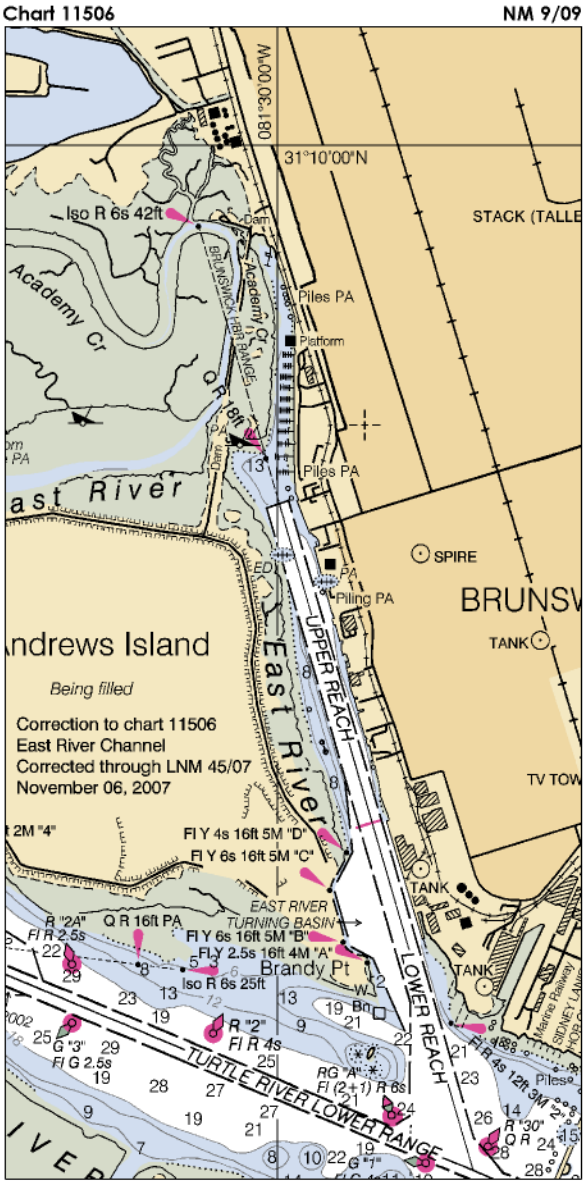
Chart 11506
NM 9/09
081°30'00"W
31°10'00"N
Iso R 6s 42ft
Dam
Academy Cr
BRUNSWICK HBR RANGE
Piles PA
Platform
Q R 18ft
Piles PA
East River
SPIRE
Piling PA
BRUNSW
TANK
Andrews Island
Being filled
Correction to chart 11506
East River Channel
Corrected through LNM 45/07
November 06, 2007
UPPER REACH
East River
TV TOW
Fl Y 4s 16ft 5M "D"
Fl Y 6s 16ft 5M "C"
EAST RIVER
TURNING BASIN
Q R 16ft PA
Fl Y 6s 16ft 5M "B"
Fl Y 2.5s 16ft 4M "A"
Brandy Pt
Iso R 6s 25ft
LOWER REACH
R "2"
Fl R 4s
G "3"
Fl G 2.5s
RG "4"
Fl (2+1) R 6s
TURTLE RIVER LOWER RANGE
Fl R 4s 12ft 9M "2"
R "30"
Q R

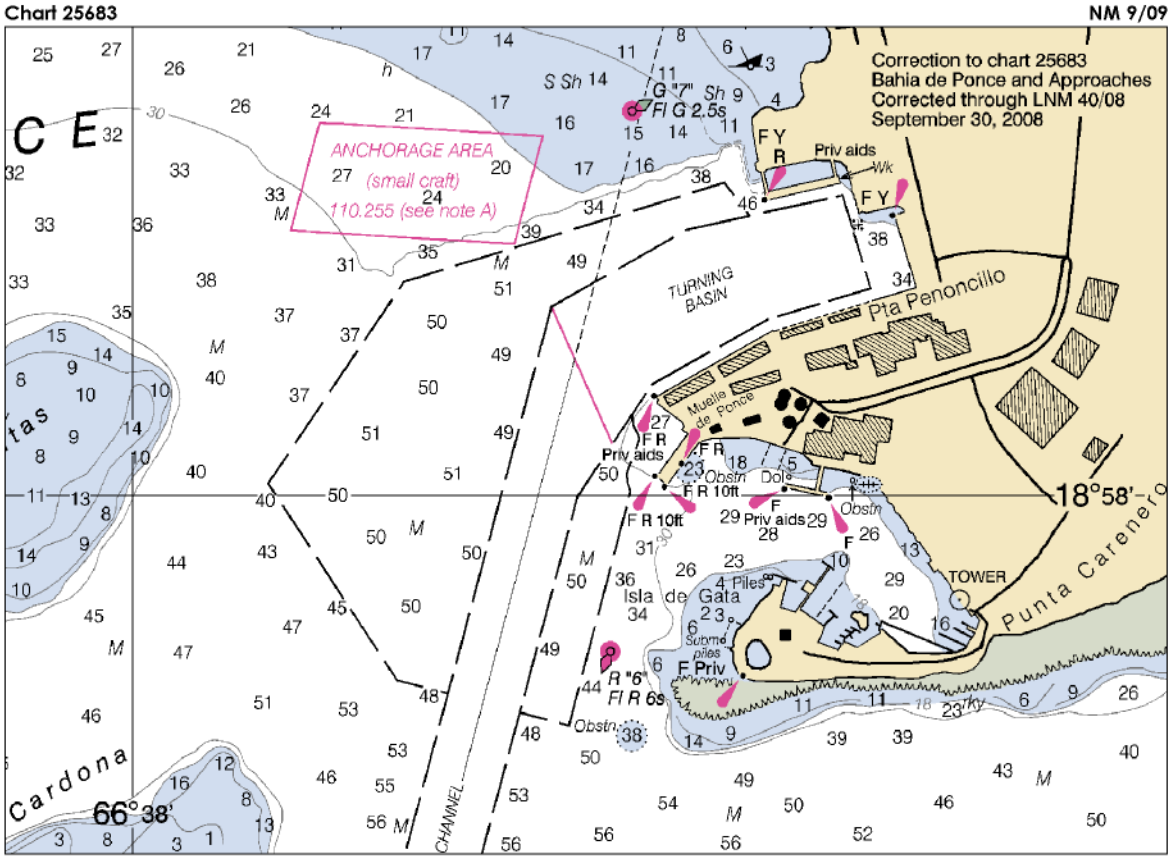
Chart 25683
NM 9/09
Correction to chart 25683
Bahia de Ponce and Approaches
Corrected through LNM 40/08
September 30, 2008
ANCHORAGE AREA
(small craft)
110.255 (see note A)
TURNING BASIN
Pta Penoncillo
Muelle de Ponce
Isla de Gata
Punta Carenero
TOWER
Cardona
CHANNEL
18°58'
66°38'
Priv aids
Obstn
Dol
Piles
Subm piles
F Priv
R "6"
Fl R 6s
G "7"
Fl G 2.5s
F R 10ft
F Y
R

Chart 11505 NM 9/09

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2008

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)
TYBEE RANGE	43.5	43.0	44.0	44.5	11-08	600	3.3	44
BLOODY POINT RANGE	42.0	44.0	43.0	42.0	11-08	600	3.0	44
JONES ISLAND RANGE	44.0	43.0	44.0	44.5	11-08	600	1.2	44
TYBEE KNOLL CUT RANGE	44.0	44.0	44.0	44.0	11-08	500	2.5	42

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.

NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.

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

Chart 11512 NM 9/09

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2008

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)
TYBEE RANGE	43.5	43.0	44.0	44.5	11-08	600	3.3	44
BLOODY POINT RANGE	42.0	44.0	43.0	42.0	11-08	600	3.0	44
JONES ISLAND RANGE	44.0	43.0	44.0	44.5	11-08	600	1.2	44
TYBEE KNOLL CUT RANGE	44.0	44.0	44.0	44.0	11-08	500	2.5	42
NEW CHANNEL RANGE (A)	37.5	41.0	42.0	39.5	11-08	500	1.6	42
L. I. CROSSING RANGE	40.0	42.0	43.0	41.0	11-08	500	2.6	42
LOWER FLATS RANGE	44.5	44.5	45.0	41.0	11-08	500	1.3	42
UPPER FLATS RANGE	43.0	45.0	46.0	43.0	11-08	500	1.2	42
THE BIGHT CHANNEL	44.0	46.0	46.0	46.0	11-08	500	1.5	42
FT. JACKSON RANGE	44.0	46.5	46.0	42.0	11-08	500	0.7	42
OGLETHORPE RANGE	42.0	45.0	44.5	45.0	11-08	500	1.2	42
WRECKS CHANNEL (B)	41.5	46.0	46.0	44.5	11-08	500	1.5	42
CITY FRONT CHANNEL	42.5	45.0	44.5G	39.0	11-08	500	1.5	42
MARSH ISLAND CHANNEL (C)	40.0H	42.0	44.0	43.0	11-08	500	1.7	42
KINGS ISLAND CHANNEL (D)	39.5	39.0	41.0	42.0I	11-08	500	2.1	42
WHITEHALL CHANNEL (E)	28.0	29.0	31.0	34.0	11-08	400	0.6	42-36
PORT WENTWORTH CHANNEL (F)	30.0J	32.0	32.0	32.0	12-94; 11-08	200	1.2	30

A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 43.0 FT, 36.5 FT 100 FT FROM BACKSIDE.
B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 39.0 FT, 27.5 FT 100 FT FROM BACKSIDE.
C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 34.0 FT, 28.0 FT 100 FT FROM BACKSIDE.
D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 40.0 FT, 37.0 FT 100 FT FROM BACKSIDE.
E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 32.0 FT 100 FT FROM BACKSIDE.
F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 31.0 FT, 21.0 FT 100 FT FROM BACKSIDE.
G. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
H. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
I. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
J. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°09'15.04"N 81°09'11.46"W

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.

NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.

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

Chart 11514 (Side A) NM 9/09

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2008

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)
OGLETHORPE RANGE	42.0	45.0	44.5	45.0	11-08	500	1.2	42
WRECKS CHANNEL (A)	41.5	46.0	46.0	44.5	11-08	500	1.5	42
CITY FRONT CHANNEL	42.5	45.0	44.5F	39.0	11-08	500	1.5	42
MARSH ISLAND CHANNEL (B)	40.0G	42.0	44.0	43.0	11-08	500	1.7	42
KINGS ISLAND CHANNEL (C)	39.5	39.0	41.0	42.0H	11-08	500	2.1	42
WHITEHALL CHANNEL (D)	28.0	29.0	31.0	34.0	11-08	400	0.6	42-36
PORT WENTWORTH CHANNEL (E)	30.0I	32.0	32.0	32.0	12-94; 11-08	200	1.2	30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 39.0 FT, 27.5 FT 100 FT FROM BACKSIDE.
B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 34.0 FT, 28.0 FT 100 FT FROM BACKSIDE.
C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 40.0 FT, 37.0 FT 100 FT FROM BACKSIDE.
D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 32.0 FT 100 FT FROM BACKSIDE.
E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 31.0 FT, 21.0 FT 100 FT FROM BACKSIDE.
F. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
G. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
H. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
I. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°09'15.04"N 81°09'11.46"W

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12238 NM 9/09

YORK RIVER ENTRANCE CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2008

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)
YORK RIVER ENTRANCE	37.0	38.1	38.3	37.4	7-08	750	13.8	37

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

Chart 12253 NM 9/09

ELIZABETH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2008

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)
CRANEY ISLAND REACH	50.0	50.3	50.5	49.6	6,7-08	800	2.1	55
LAMBERT BEND	43.7	46.1	43.5	44.6	3,4-07	750	0.3	45
LAMBERT BEND TO PINNER POINT	43.2	43.7	43.4	44.2	3,4-07	750	1.0	45
PINNER POINT TO TOWN POINT REACH	38.8	39.9	40.6	39.7	3,4-07	750	1.0	45
TOWN POINT REACH	38.3	39.8	40.0	39.2	3,4-07	750	0.6	45
SOUTHERN BRANCH:								
LOWER REACH	39.2	39.7	39.8	37.0	3,4-07	450-800	1.7	45
MIDDLE REACH	36.6	40.4	40.4	33.8	3,4-07	375	0.9	45

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

Chart 12253 NM 9/09

ELIZABETH RIVER SOUTHERN BRANCH CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2008

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)
N&W RAILWAY LIFT BRIDGE REACH	36.4	35.8	34.0	2-08	200-500	0.2	35
GILMERTON BRIDGE REACH	35.3	35.5	34.6	2-08	250-650	2.1	35
ST. JULIANS CREEK TURNING BASIN		37.1		2-08	150	0.1	35
GILMERTON BRIDGE REACH TO END OF NEWTON CREEK TURNING BASIN	34.5	34.9	34.8	2-08	300-250	0.4	35
NEWTON CREEK TURNING BASIN LEFT AND RIGHT WIDENERS ONLY	35.2		35.2	2-08	175	0.1	35
END OF NEWTON CREEK TURNING BASIN TO UPSTREAM LIMIT	27.0	27.2	25.7	2-08	250	1.3	35
MAINS CREEK TURNING BASIN		26.7		2-08	550	0.3	35

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

Chart 14854 (Inset) NM 9/09

RIVER ROUGE CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2008

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH LWD (FEET)
SHORT CUT CANAL							
ENTRANCE TO WEST JEFFERSON AVE. BRIDGE	18.2	22.1	17.2	5-08	100-400	1.08	21
WEST JEFFERSON AVE. BRIDGE TO I-75 BRIDGE	14.6	20.8	15.9	5-08	100-200	.74	21
I-75 BRIDGE TO DIX AVE. BRIDGE	13.8	20.6	15.3	9-08	100-200	.91	21
DIX AVE. BRIDGE TO END	20.1	13.4	16.7	9-08	100-800	.25	21
OLD CHANNEL							
ENTRANCE TO 42°17'19.9"N 83°06'27.5"W	24.7	23.9	18.2	6-05	100-300	.25	25
42°17'19.9"N 83°06'27.5"W TO 42°17'23.2"N 83°06'46.0"W	16.9	18.7	4.6	6-05	100	.27	18
42°17'23.2"N 83°06'46.0"W TO RR SWING BRIDGE	14.5	18.7	11.5	5-04,6-05	100	.29	17
RR SWING BRIDGE TO SHORT CUT CANAL	13.2	15.4	12.5	5-04,5-07,5-08	100-600	.76	17

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