Chart 53063 NM 1/15

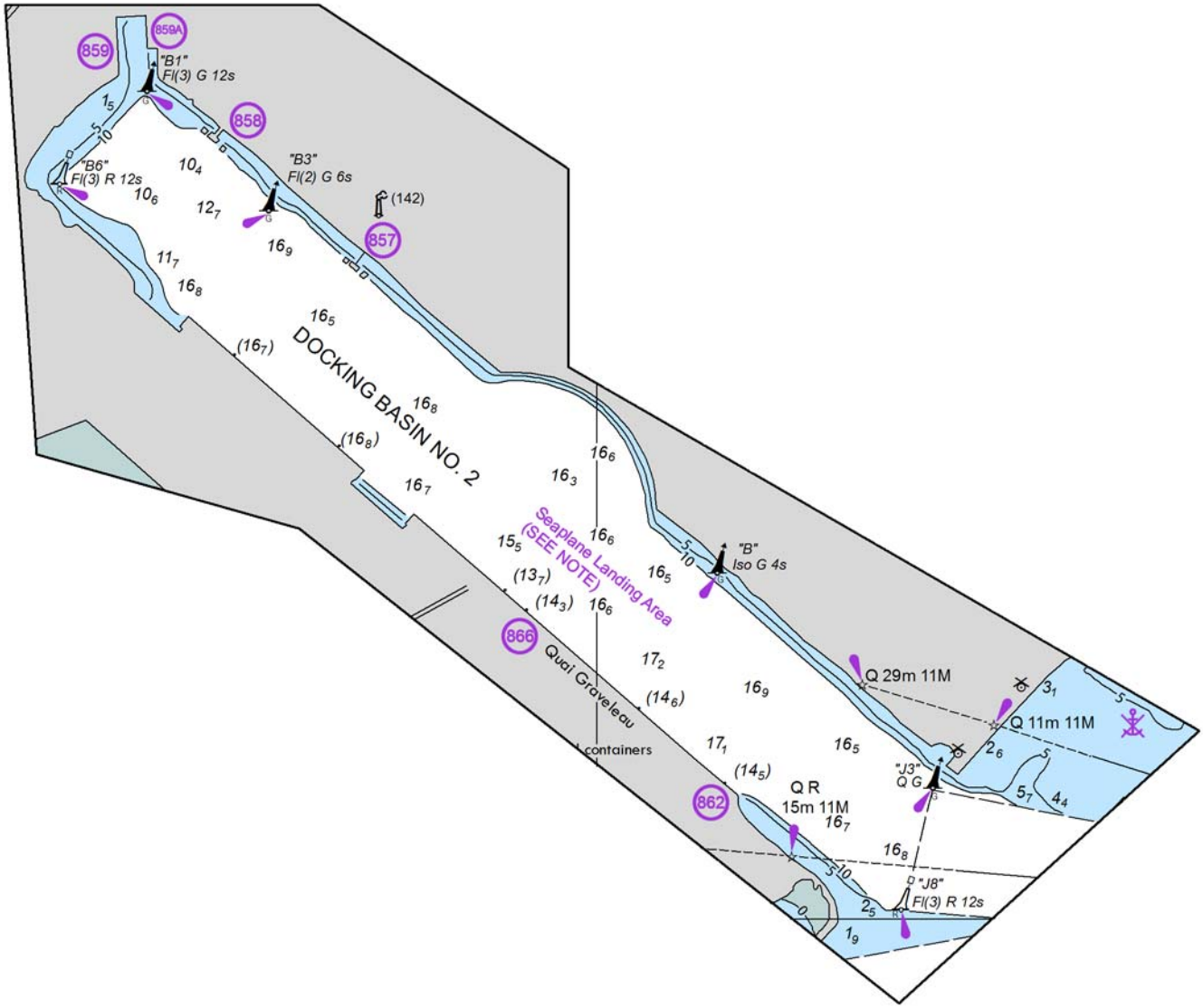

Chart 71255 (A) NM N1/15

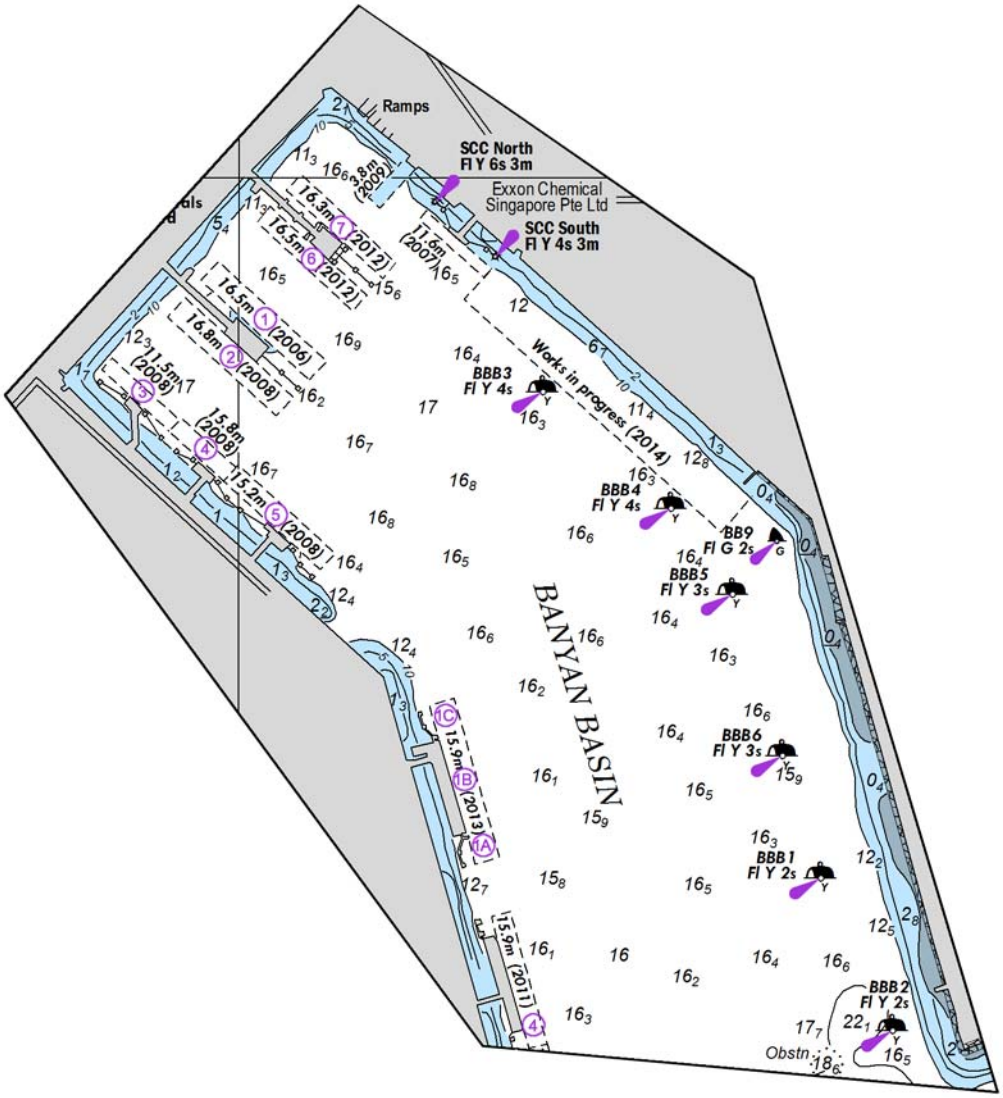

Chart 71255 (B) NM N1/15

Chart 71255 (C) NM N1/15

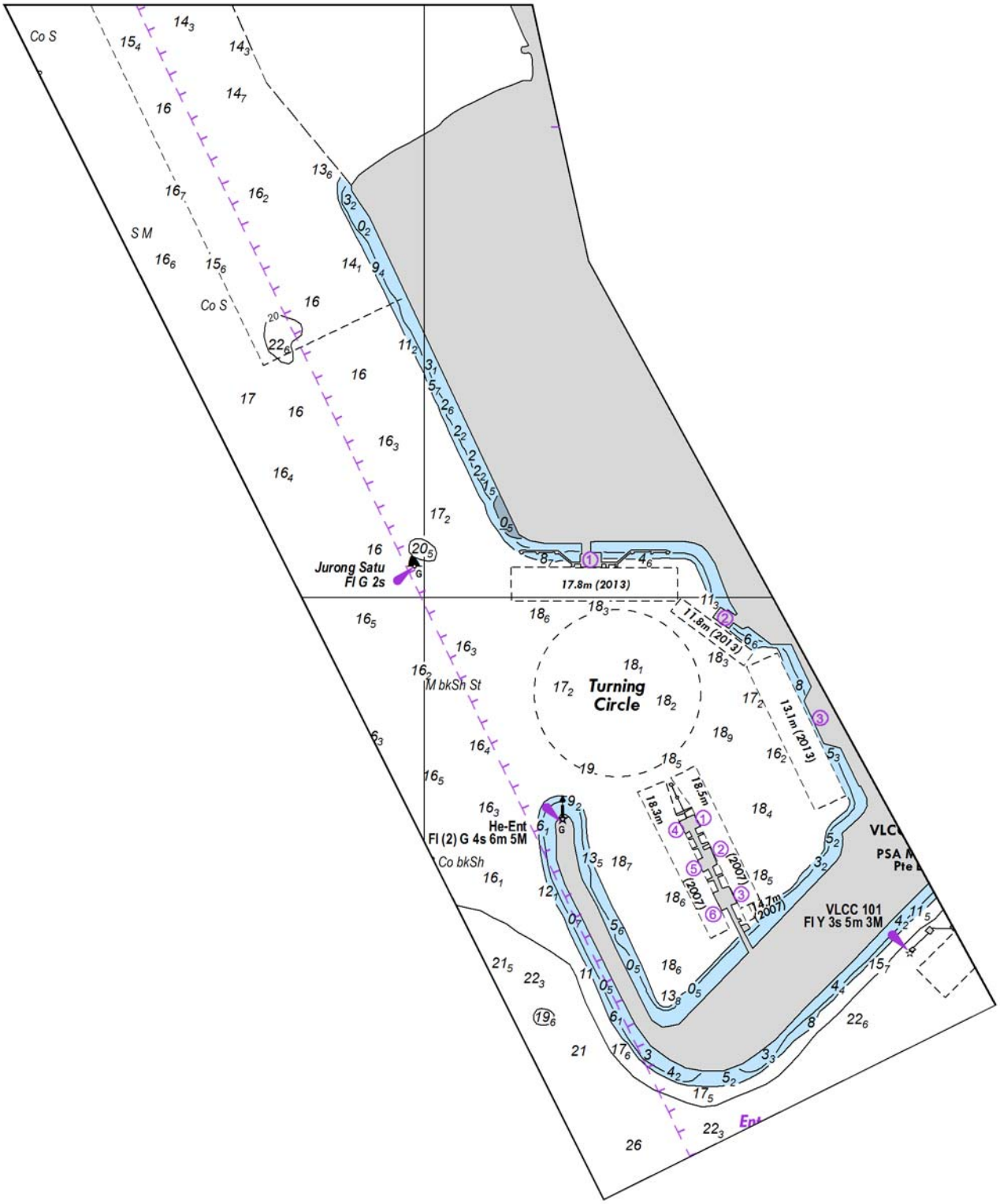

Chart 14839 NM 1/15

CLEVELAND HARBOR CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2013
AND SURVEYS TO AUG 2013

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 (FEET)	DEPTH LWD (FEET)
CLEVELAND HARBOR								
HARBOR ENTRANCE	26.8	29.0	28.6	23.4	8-13	600-700	1150	29
BASINS & CUYAHOGA RIVER ENTRANCE	24.5	28.0	28.0	24.2	8-13	230-760	1200	28
WEST BASIN								
MAIN SECTION	17.0	24.2	22.9	13.7	8-13	800-1560	4400	28
WESTERLY 400 FEET	15.7	14.0	12.8	11.7	8-13	330-800	400	28
EAST BASIN								
WEST SECTION (A)	17.2	23.3	26.7	17.9	8-13	1560	1300	28
MIDDLE SECTION (A)	13.4	20.6	21.2	19.9	8-13	1270-1560	3800	27
EAST SECTION (B)	17.4	22.3	22.2	14.0	8-13	500	14600	25
NICHOLSON APPROACH	22.7	22.7	22.5	22.5	8-13	400-1600	1300	25

A. TRAFFIC FLOWS IN EAST BASIN FROM WEST TO EAST.
B. TRAFFIC FLOWS IN EAST BASIN FROM EAST TO WEST.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 14839 NM 1/15

CUYAHOGA AND OLD RIVERS CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2014
AND SURVEYS TO JUN 2014

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)				PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (FEET)	DEPTH LWD (FEET)
CUYAHOGA RIVER							
(J) ENTRANCE TO BRIDGE 1	15.1	21.8	16.1	6-14	230	1700	27
(B) BRIDGE 1 TO BRIGE 6	7.1	17.2	11.0	6-14	250-300	6300	23
(C) BRIDGE 6 TO BRIDGE 12	7.1	12.0	5.3	5-14	180-700	5500	23
(D) BRIDGE 12 TO BRIDGE 17	4.5	15.5	9.3	4-14	120-400	6400	14.2
(E) BRIDGE 17 TO END OF TURNING BASIN	15.5	19.2	11.9	4-14	110-250	4000	23
(F) END OF TURNING BASIN TO BRIDGE 23	15.4	17.0	7.1	4-14	110-200	5200	23
(G) UPSTREAM TURNING BASIN	4.8	4.8	4.8	4-14	0-600	1000	18
OLD RIVER							
(A) OLD RIVER	5.7	13.6	4.9	6-14	125-200	5300	27
(H) OLD RIVER UPPER END	9.0	7.1	5.3	6-14	120	710	27

(*) BRIDGE 17 - OLD LOCATION OF BRIDGE. BRIDGE HAS BEEN REMOVED.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 14846 (Page 1) NM 1/15

TOLEDO HARBOR AND MAUMEE RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2014
AND SURVEYS TO NOV 2013

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 (MILES)	DEPTH LWD (FEET)
TOLEDO HARBOR								
(A) ENTRANCE CHANNEL	25.8	28.0	28.0	25.1	11-13	500	4(a)	28
(B) ENTRANCE CHANNEL	25.0	25.6	26.4	24.4	8-13	500	5	28
(C) ENTRANCE CHANNEL	23.0	24.0	22.4	15.2	7-13	500	5	28
(D) ENTRANCE CHANNEL	24.5	26.6	26.6	26.0	7-13	500-950	2(b)	28
(K) WIDENING WEST SIDE (c)	N/A	N/A	N/A	N/A	N/A	0-480	7200	28
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL		RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (FEET)	DEPTH LWD (FEET)
MAUMEE RIVER								
(E) THENCE TO LOWER TURNING BASIN	10.7	15.1		4.9	8-13	400-100	14000	27
(F) LOWER TURNING BASIN		8.2			7-13	350	1300(b)	10
(G) THENCE TO MIDDLE TURNING BASIN	11.5	13.0		13.7	7-13	200-400	18900	27
(I) MIDDLE TURNING BASIN TO END OF PROJECT	5.9	7.8		10.4	7-13	200	2600	25*
(J) UPPER TURNING BASIN		11.1			7-13	800	1100(b)	18

a. LENGTH VARIES DEPENDING ON THE LOCATION OF THE 28 FOOT CONTOUR IN LAKE ERIE.
b. IRREGULARLY SHAPED.
c. (K) WIDENING WEST SIDE IS AN AREA OF THE ENTRANCE CHANNEL THAT IS A WIDENING OF THE WEST SIDE OF (D) ENTRANCE CHANNEL.
(*) NOT MAINTAINED.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 14847 NM 1/15

TOLEDO HARBOR AND MAUMEE RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2014
AND SURVEYS TO NOV 2013

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 (MILES)	DEPTH LWD (FEET)
TOLEDO HARBOR								
(A) ENTRANCE CHANNEL	25.8	28.0	28.0	25.1	11-13	500	4(a)	28
(B) ENTRANCE CHANNEL	25.0	25.6	26.4	24.4	8-13	500	5	28
(C) ENTRANCE CHANNEL	23.0	24.0	22.4	15.2	7-13	500	5	28
(D) ENTRANCE CHANNEL	24.5	26.6	26.6	26.0	7-13	500-950	2(b)	28
(K) WIDENING WEST SIDE (c)	N/A	N/A	N/A	N/A	N/A	0-480	7200	28
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL		RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (FEET)	DEPTH LWD (FEET)
MAUMEE RIVER								
(E) THENCE TO LOWER TURNING BASIN	10.7	15.1		4.9	8-13	400-100	14000	27
(F) LOWER TURNING BASIN		8.2			7-13	350	1300(b)	10
(G) THENCE TO MIDDLE TURNING BASIN	11.5	13.0		13.7	7-13	200-400	18900	27
(I) MIDDLE TURNING BASIN TO END OF PROJECT	5.9	7.8		10.4	7-13	200	2600	25*
(J) UPPER TURNING BASIN		11.1			7-13	800	1100(b)	18

a. LENGTH VARIES DEPENDING ON THE LOCATION OF THE 28 FOOT CONTOUR IN LAKE ERIE.
b. IRREGULARLY SHAPED.
c. (K) WIDENING WEST SIDE IS AN AREA OF THE ENTRANCE CHANNEL THAT IS A WIDENING OF THE WEST SIDE OF (D) ENTRANCE CHANNEL.
(*) NOT MAINTAINED.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION