CORPS OF ENGINEERS









- Federal Navigation Center Line 🦳 Placement Area
- As-built Pipeline/Cable

----- Federal Navigation Channel

- Unconfirmed Pipeline/Cable
- Project Depth Contour

515,000						· · · · ·
SEA SEA				· · · · ·	ABLE OF COOL	and the second
				A	PPROX LIMITS	OF WORK
T T				POINT	Х	Y
				1	3676168.356	515965.968
			95.0 10 0.2	2	3676309 ¹ 936 102.4 3676594.493	.516015.463 515212.960
OF P		65:1 66.6	. 103.9		100.9 3676605.262	514958.158
		91.6	105.9	5 P.Q.E.	3676534.566	.514933.118 10 <mark>3</mark> .1
		92.0	105.1	6 104.5	103.2 3676203.700 101.2 3676656.540	515978.500 102.0
	· · · ·	0.2	105.2	7 103.2	99.4	514701.322 103.2
		90.9	105.3	102.4 100.7		99.9 97:3
		9.5 9.1 9.1	104.6	99.8	98.5	97.2
\$ / // // R.		8.3 91.4	101.6	99.6	97.3 98.1	96.5
		7.9	97.4	97.8	98.6	95.2
			98.3	97.3 95.5	95.9	96.2 95.7
		6.9 5.0		95.7	96.2	95.8
		9,9	96.7	97.7	. 93.9 94.9	95.1
	5	5.4	95.3	96.8	95.7	96.1
1000	9	4.3	95.6	.97.1 95.8	.95.0	<u>95</u> .5 92.7
2.8	.27.1	9.7 81.5 5.3 86.7	95.9 95.5	96.0	95.5	95.2
	- 44 - 44 - 44 - 44 - 44 - 44 - 44 - 44		4. ⁶⁰ ⁶⁰ ⁶⁰ ⁶⁰ ⁶⁰ ⁶⁰ ⁶⁰ ⁶⁰	0 0 0 9763 6 0 0 96.6	98.3 8.2 8.2 98.3 9.8 9.8 9.8 9.8 9.8 9.8 18	8. 86 94.2
4 4 6 6 7 6 4 6 6 7 4 6 6 7 4 7 8 6 7 7 8 6 7 7 8 7 8 7 8 7 8 7 8 7 8	32.7 0 2 2 2 8 9 39 2 3 0 2 2	3.5 88.3 <u> <u> <u> </u> <u> </u></u></u>				99.7
	· 25 5 · · · · · · · · · · · · · · · · ·	<u>2.6 w 8 8 9 9 7 9</u> 3.4 100.5	9 96 96 9 9 99 9	035.9 03.6 03.6 03.6 03.6	ຕິດ 0 933,4 ຫຼັ ຄ	ං 98.0 ලි 95.5
4.3 5.7 6.9 6.8		97.1	.92.4	93.0	92.5 92.7	
m + 0.3 $m + 0.5$ $m +$		96.7	94.2	~ 95.1	94.6	93.8
	21.4 21.5 21.5			∞ <u>⊢ </u>	200 200 200 200 200 200 200 200	93.7 92.9 93.7 93.7
3				94.8	.98.7	93.9
		84.0	94.3	94.2	96.4 94.2	94.8
And book in	14.1 12.2	.8	96.6	94.4	92,6	96.7
- how had	125	$\langle \cdot \rangle \langle \cdot $	98.9	92.5 91.9 92.1	915	94.4
	120	2	101.3	92.1 94.6	90.8	92.2 90.8
	13.0	.9	.100.1	96.1	90.4 90.6	89.6
x bl k		.9	92.0	97.3	91.5	89.6
	14.7 14.7) ·	96.8	93.8	88.6
	14.4 43		88.4	96:9	94.7	89.5 91.2
	13.3 42		86.5	98.4	95.4 93.9	92 <mark>.9</mark>
	11.6 42		86.2	96.5	95.4	96.4
	10 .8	2 7 62.2	2 2 85.8	96.0	94.7	94.2
211152		61.8		97.6 95.5	4	92.5 92.0 91.8
		65.5		96.2		91.8

U.S. ARMY



Reference is N.O.A.A. Navigation Chart No. 11370.

** Shoalest Sounding per Quarter per Reach.

*** High frequency (200 kHz) survey data represents the first signal return at a sounding location and will include suspended solids, known as "fluff", if present. Low frequency (20 kHz) survey data normally penetrates through this "fluff" layer to depict elevations of consoldiated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.



Revison Number: 3.8.0-20150202