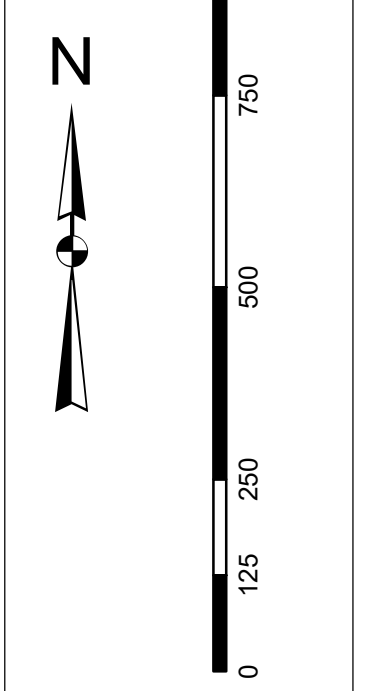


Production Notes:
 1. This is a hydrographic chart showing water depths and other information for navigation purposes only. It is not intended to be used for any other purpose.
 2. The information on this chart is based on the most recent available data. It is subject to change without notice.
 3. The information on this chart is not intended to be used for navigation purposes in areas where the water is shallow or where there are hazards to navigation.
 4. The information on this chart is not intended to be used for navigation purposes in areas where the water is shallow or where there are hazards to navigation.
 5. The information on this chart is not intended to be used for navigation purposes in areas where the water is shallow or where there are hazards to navigation.

Legend:
 Soundings: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.



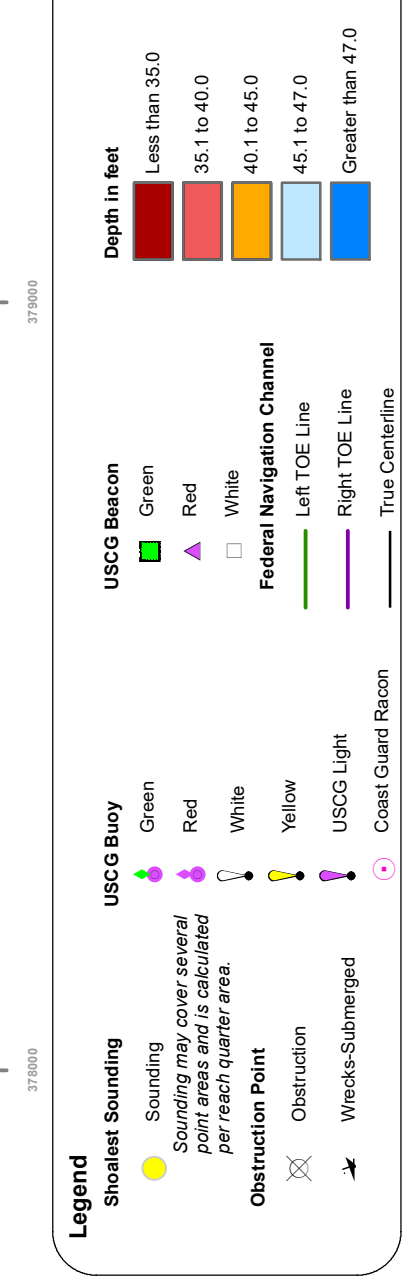
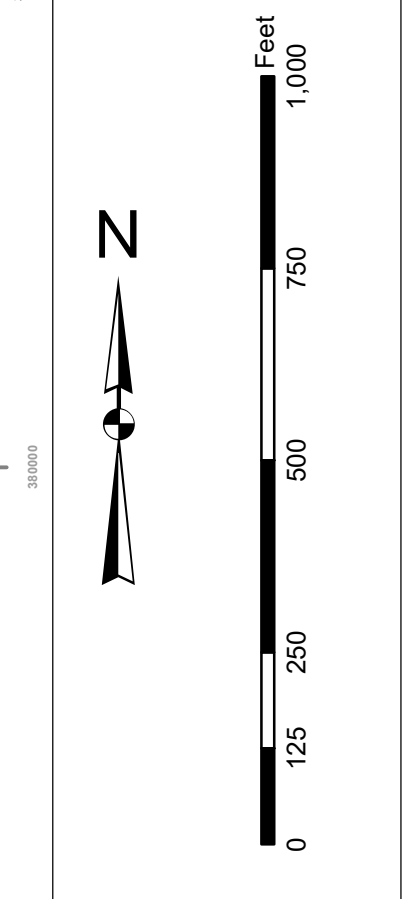
Symbol	Description
[Color swatches]	Soundings
[Color swatches]	Obstructions
[Color swatches]	Structures
[Color swatches]	Other

U.S. Army Corps of Engineers Charleston District Savannah Branch 800 Broad St. Charleston, SC 29403 CESAC-GIS@USACE.ARMY.MIL	Designed By: J. H. [Name] Reviewed By: J. H. [Name] Scale: 1" = 250' Feet Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Survey Date: 21 JUNE 2018 Project Reference Number: [Number] Sheet Number: [Number]	Production Date: 27 JUNE 2018 Sheet Title: [Title]
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Charleston Upper Harbor Channel Survey
 The information depicted on this map represents the results of surveys made on the dates indicated and is not intended to be used for navigation purposes in areas where the water is shallow or where there are hazards to navigation.
 Concluded on: 21 JUNE 2018
 Charleston, South Carolina

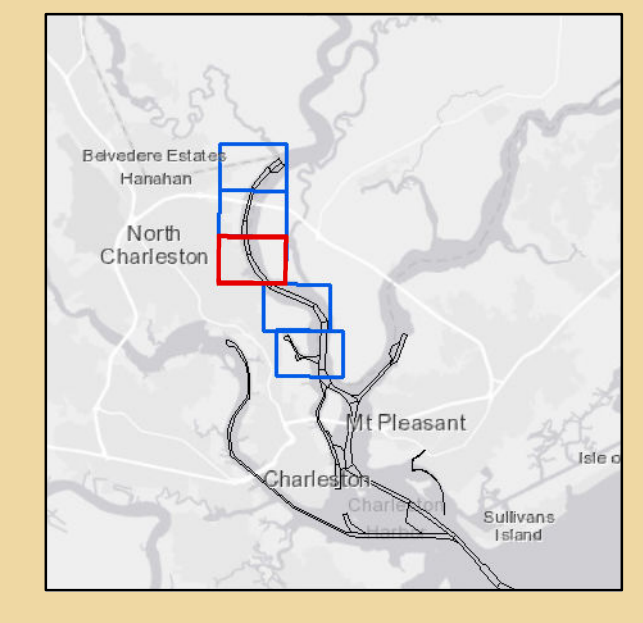
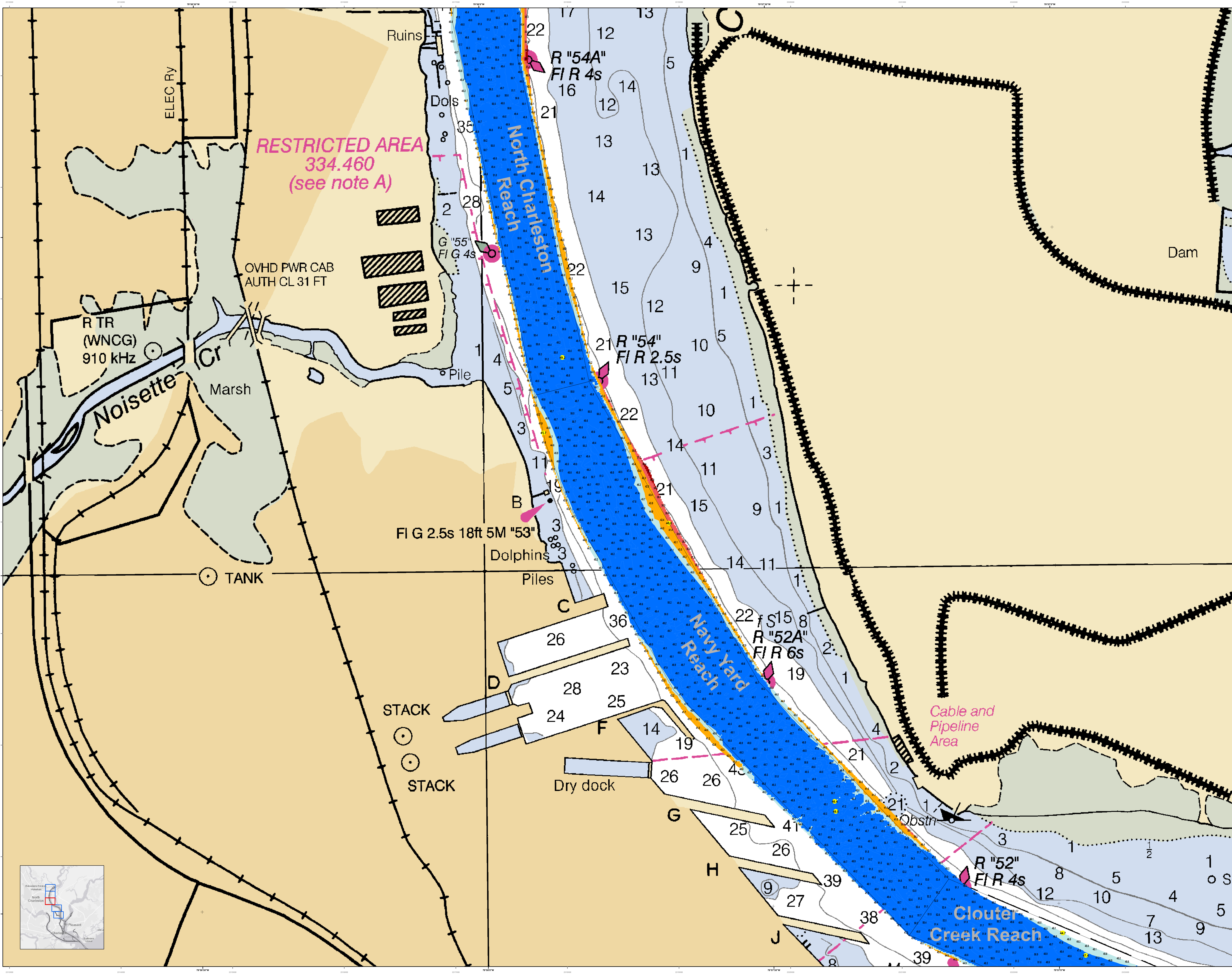
In its capacity as the U.S. Army Corps of Engineers, Charleston District Office, Special Data Branch has made this report, including the information contained herein, available to the public. This information is provided for informational purposes only and does not constitute a contract or any other legal instrument. The information is provided as is, without any warranty, express or implied, and the user assumes all responsibility for its use. The information is not to be used for any purpose other than that for which it was intended. The information is not to be used for any purpose other than that for which it was intended. The information is not to be used for any purpose other than that for which it was intended.

Production Notes:
1. This is a hydrographic chart.
2. The chart is based on the most recent available data.
3. The chart is based on the most recent available data.
4. The chart is based on the most recent available data.
5. The chart is based on the most recent available data.



Designed By:	Survey Date:	Production Date:
Hydrographic Survey v3.82	21 JUNE 2018	27 June 2018
Reviewed By:	Absolute Scale:	Project Reference Number:
1:50,000	1:50,000	PC002010
Revised By:	Scale:	Survey State:
1 inch = 250 feet	CONDITON	
Projection:	MAD 1883 StatePlane South Carolina FIPS 3800 Feet	

Charleston Upper Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and is not to be used for any purpose other than that for which it was intended. The information is not to be used for any purpose other than that for which it was intended. The information is not to be used for any purpose other than that for which it was intended.
Concluded on: 21 JUNE 2018
Charleston, South Carolina



OVERHEAD CABLE CLEARANCES

- (A) OVHD PWR CABS
CL 163 FT REP
- (B) OVHD PWR CABS
CL 182 FT REP
- (C) OVHD PWR CABS
CL 166 FT REP
- (D) OVHD PWR CABS
CL 104 FT REP

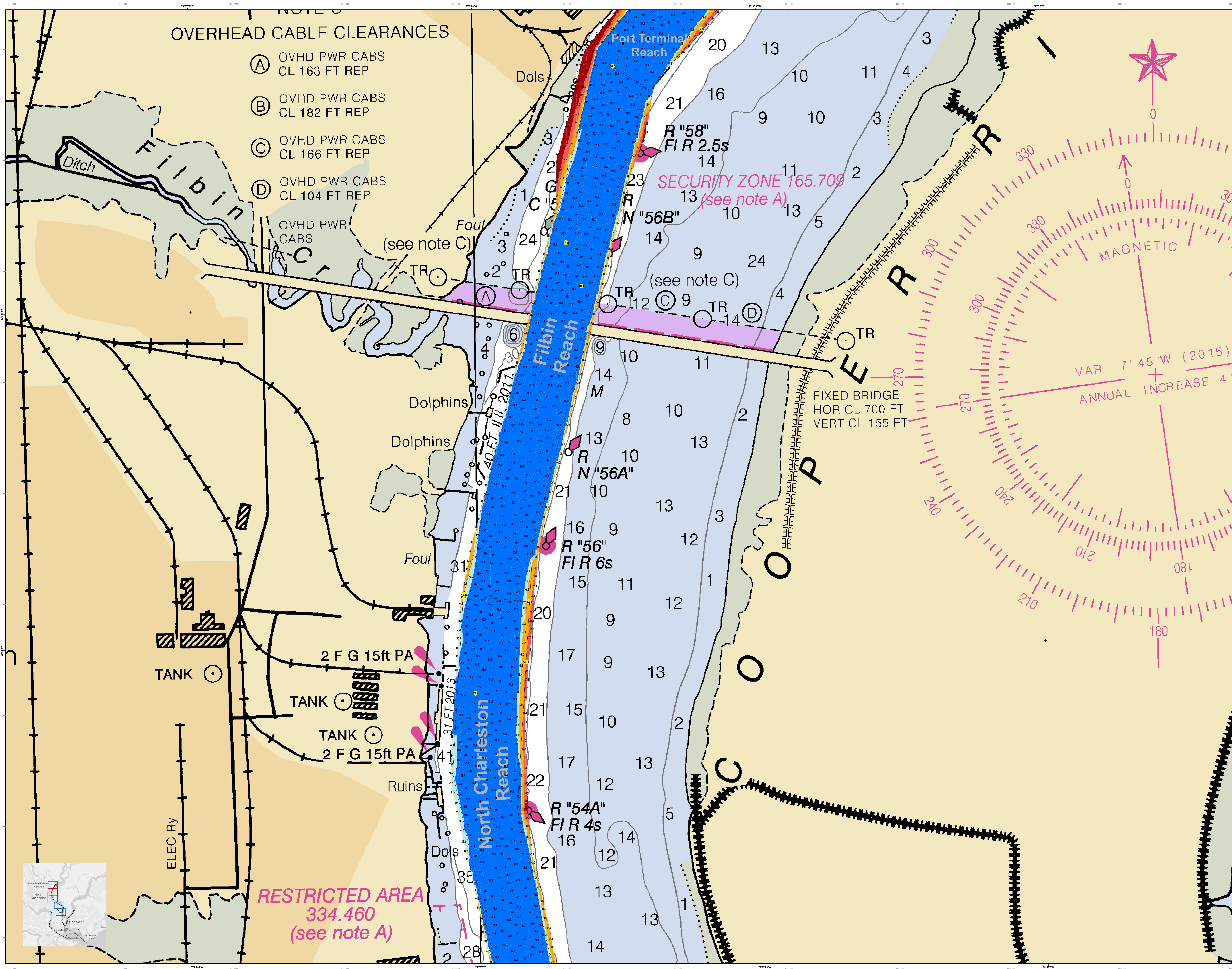
OVHD PWR CABS
(see note C)

RESTRICTED AREA
334.460
(see note A)

SECURITY ZONE 165.709
(see note A)

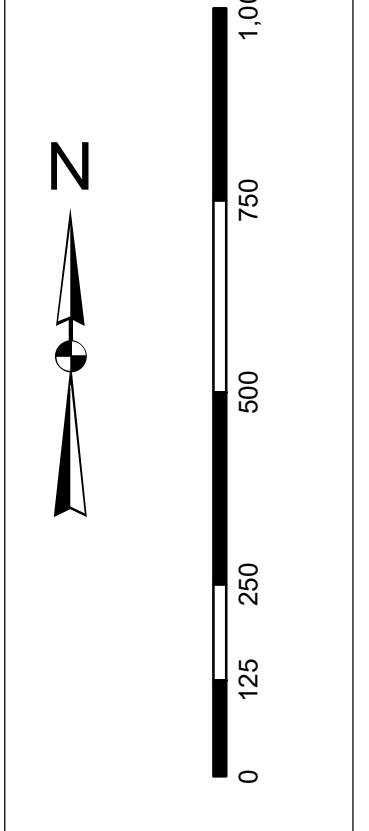
FIXED BRIDGE
HOR CL 700 FT
VERT CL 155 FT

MAGNETIC
VAR 7°45' W (2015)
ANNUAL INCREASE 4'



In its use of the U.S. Army Corps of Engineers, Charleston District Office, Special Data Branch, the user acknowledges that the information is provided for informational purposes only and does not constitute a warranty of any kind. The user agrees to hold the U.S. Army Corps of Engineers, Charleston District Office, harmless for any and all claims, damages, losses, or expenses, including reasonable attorneys' fees, that may be incurred by the user in connection with the use of the information. The user agrees to indemnify and hold the U.S. Army Corps of Engineers, Charleston District Office, harmless for any and all claims, damages, losses, or expenses, including reasonable attorneys' fees, that may be incurred by the U.S. Army Corps of Engineers, Charleston District Office, in connection with the use of the information.

Production Notes:
1. This is a preliminary chart. It is not to be used for navigation.
2. There are no soundings in the area shown on this chart.
3. Soundings are in feet and meters.
4. The datum is Mean Low Water.
5. The chart is based on the latest available data.
6. The chart is based on the latest available data.
7. The chart is based on the latest available data.
8. The chart is based on the latest available data.
9. The chart is based on the latest available data.
10. The chart is based on the latest available data.



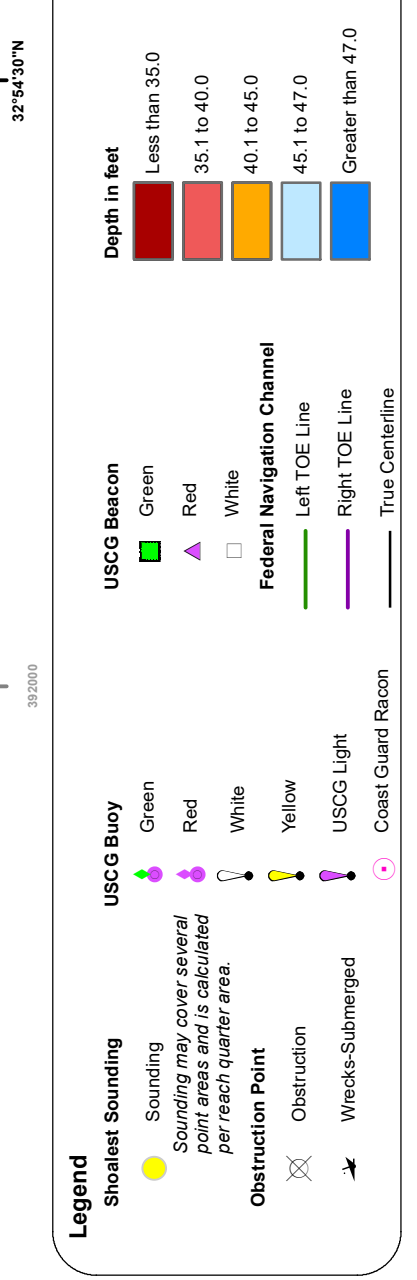
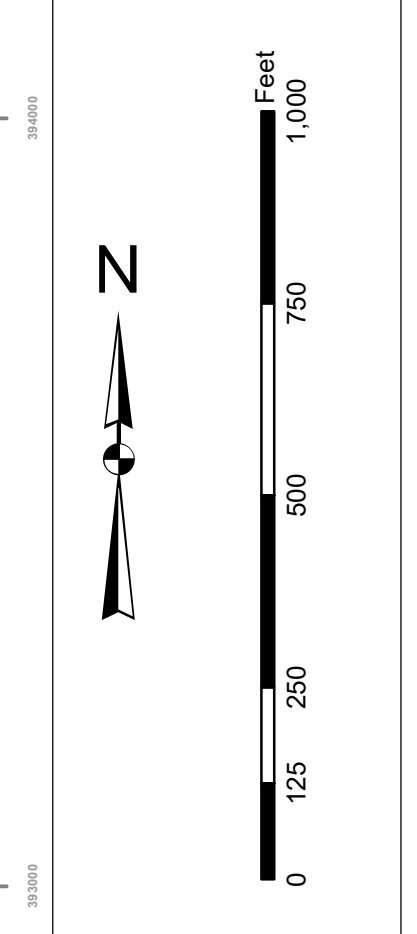
Legend

Symbol	Description
(A)	Obstruction
(B)	Obstruction
(C)	Obstruction
(D)	Obstruction
(E)	Obstruction
(F)	Obstruction
(G)	Obstruction
(H)	Obstruction
(I)	Obstruction
(J)	Obstruction
(K)	Obstruction
(L)	Obstruction
(M)	Obstruction
(N)	Obstruction
(O)	Obstruction
(P)	Obstruction
(Q)	Obstruction
(R)	Obstruction
(S)	Obstruction
(T)	Obstruction
(U)	Obstruction
(V)	Obstruction
(W)	Obstruction
(X)	Obstruction
(Y)	Obstruction
(Z)	Obstruction

Designed By:	Survey Date:	Production Date:
Reviewed By:	21 JUNE 2018	27 JUNE 2018
Checked By:	Project Reference Number:	
Approved By:	13000	
Scale:	Scale:	Scale:
1 inch = 250 feet	1 inch = 250 feet	1 inch = 250 feet
Projection:	Projection:	Projection:
NAD 83 StatePlane South Carolina FIPS 3800 Feet	NAD 83 StatePlane South Carolina FIPS 3800 Feet	NAD 83 StatePlane South Carolina FIPS 3800 Feet

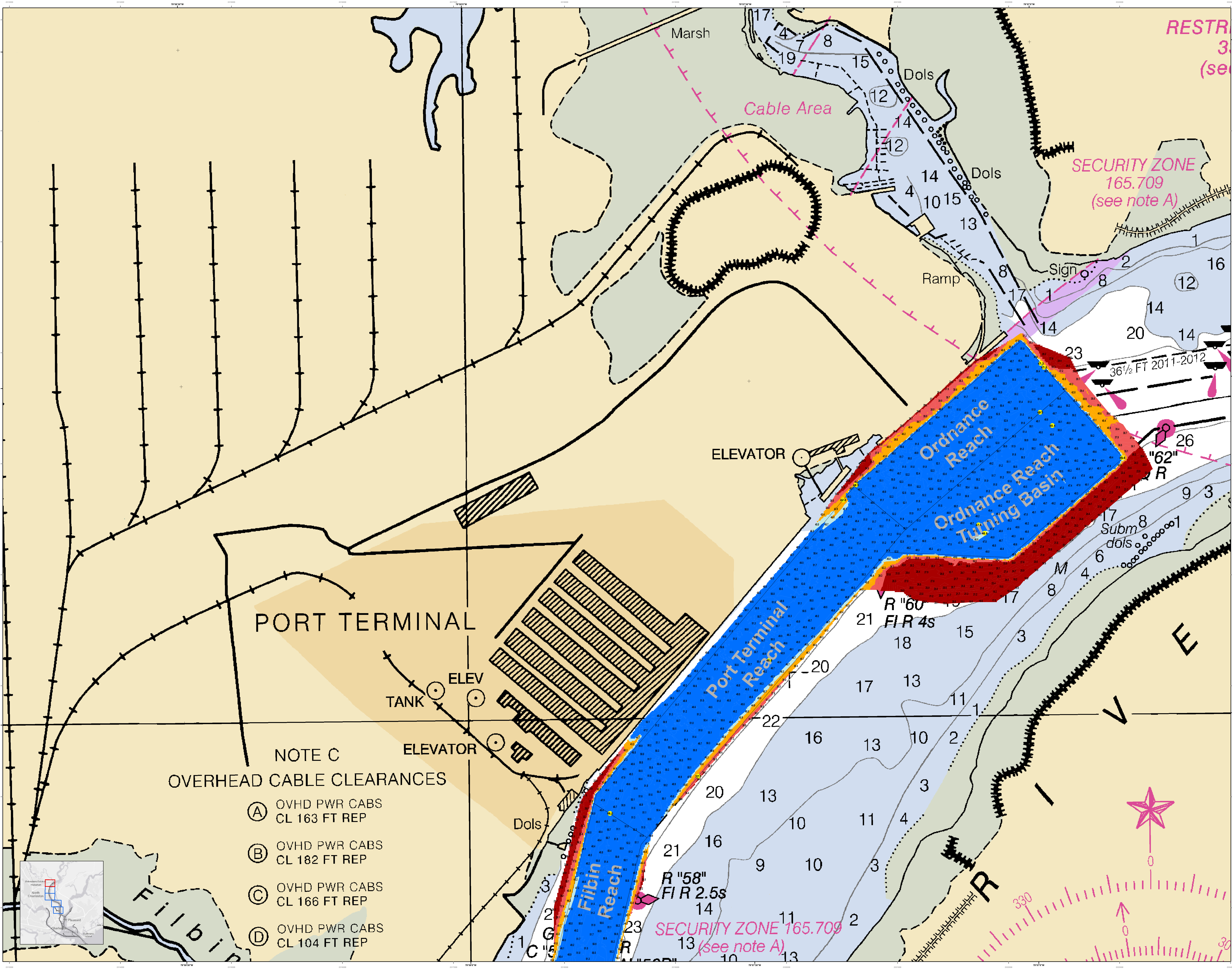
Charleston Upper Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and is not to be used for navigation. The user agrees to hold the U.S. Army Corps of Engineers, Charleston District Office, harmless for any and all claims, damages, losses, or expenses, including reasonable attorneys' fees, that may be incurred by the user in connection with the use of the information.
Concluded on: 21 JUNE 2018
Charleston, South Carolina

Production Notes:
 1. This map is a preliminary design and is not intended to be used for construction or other purposes without the approval of the District Office. Special data sheets for bridge, locks, and other structures are available upon request.
 2. These data were derived from the best available information and are not guaranteed to be accurate or complete. The Corps of Engineers is not responsible for errors or omissions in this information.
 3. All measurements are in feet and inches unless otherwise noted.
 4. All bearings are true bearings unless otherwise noted.
 5. All distances are in feet unless otherwise noted.
 6. All elevations are in feet above mean sea level unless otherwise noted.
 7. All bearings and distances are to be used for navigation.
 8. All bearings and distances are to be used for navigation.



Designed By:	Survey Date:	Production Date:
Reviewed By:	21 JUNE 2018	27 June 2018
Scale:	Project Reference Number:	
1 inch = 250 feet	PC00210	
Projection:	Scale:	CONDITION
NAD 1983 StatePlane South Carolina FIPS 3800 Feet	1 inch = 250 feet	CONDITION

Charleston Upper Harbor Channel Survey
 The information depicted on this map represents the results of surveys made on the dates indicated and is not intended to be used for navigation or other purposes without the approval of the District Office.
 Concluded on: 21 JUNE 2018
 Charleston, South Carolina



PORT TERMINAL

NOTE C
OVERHEAD CABLE CLEARANCES

- (A) OVHD PWR CABS
CL 163 FT REP
- (B) OVHD PWR CABS
CL 182 FT REP
- (C) OVHD PWR CABS
CL 166 FT REP
- (D) OVHD PWR CABS
CL 104 FT REP

