

U.S. Army Corps of Engineers
Charleston District

Georgetown Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general location of the channel. It is not intended to be used for navigation.
Concluded on: 13 DEC 2018
Georgetown, South Carolina

Designed By: J. H. ...
Reviewed By: J. H. ...
Scale: 1 inch = 250 feet
Projection: NAD 1983 StatePlane South Carolina FIPS 3200 Feet

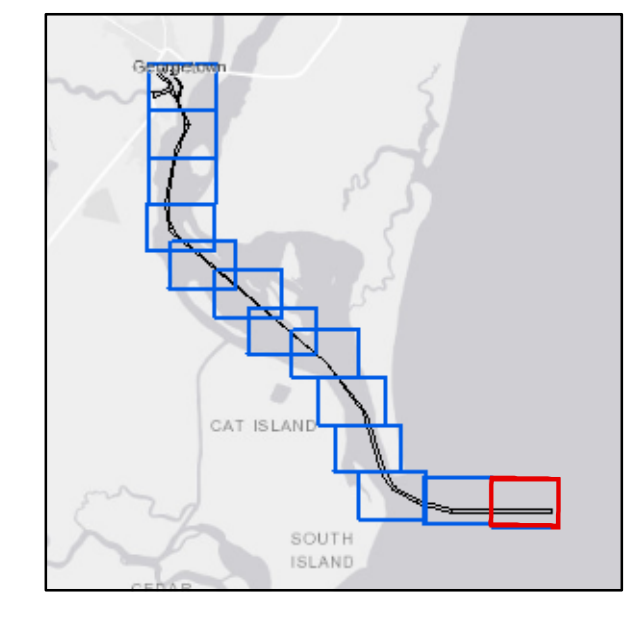
Production Date: 19 DEC 2018
Project Reference Number: ...
Sheet Title: ...
Condition: ...

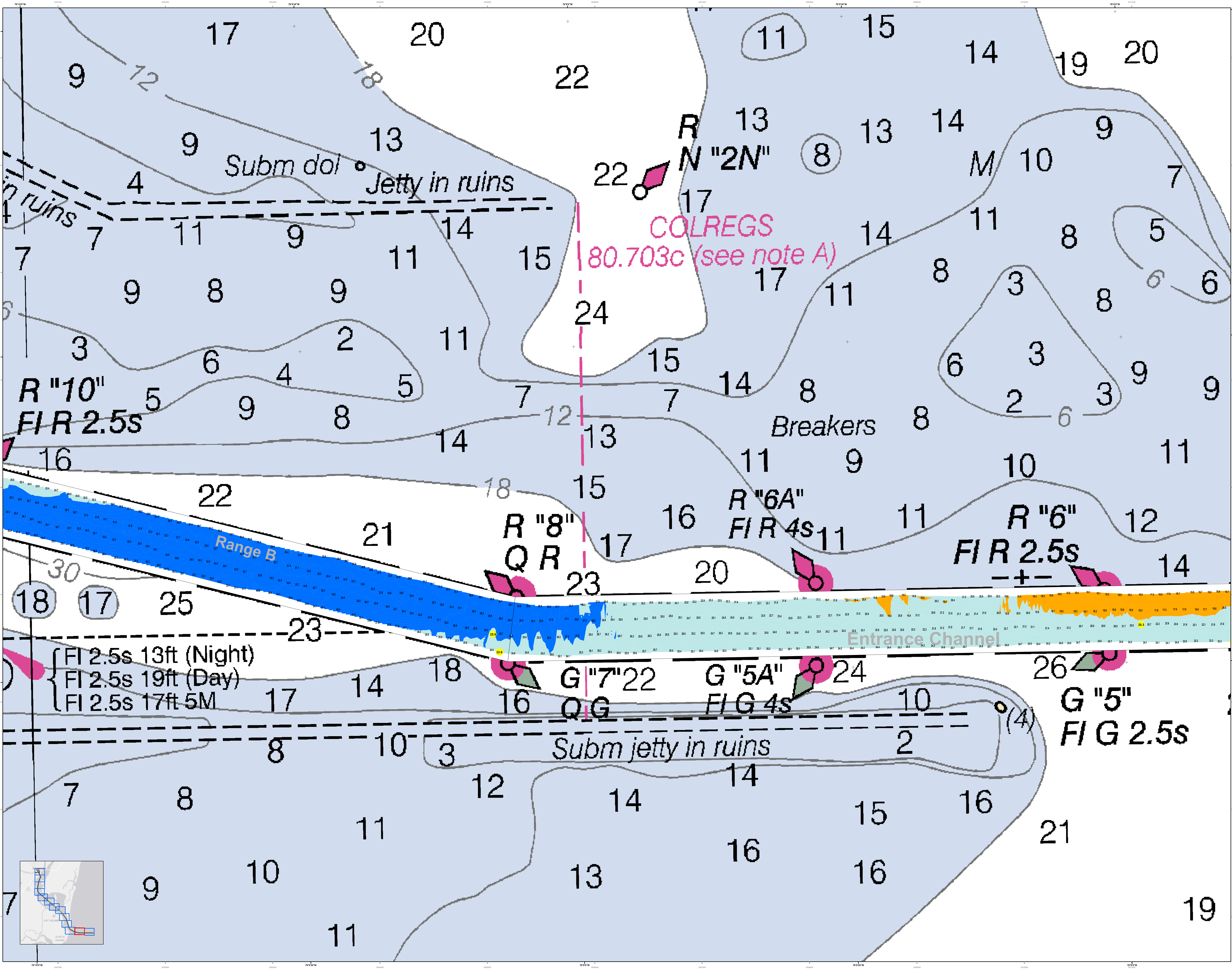
Legend

- Soundings: 1. 11 to 15, 2. 16 to 20, 3. 21 to 25, 4. 26 to 30, 5. 31 to 35, 6. 36 to 40
- Used Bottom: 1. Sand, 2. Muds, 3. Shells, 4. Rocks, 5. Gravel, 6. Cobble, 7. Boulders, 8. Uncharted
- Used Light: 1. Daymark, 2. Nightmark, 3. Daymark and Nightmark
- Obstruction: 1. Obstruction, 2. Obstruction
- Channel Name: 1. Channel Name
- Other: 1. Other

Scale
0 125 250 500 750 Feet

North Arrow





U.S. Army Corps of Engineers
Charleston District

Production Note:
1. This is a preliminary chart. It is not to be used for navigation. It is subject to change without notice.
2. This chart is based on the latest available data. It is not a guarantee of accuracy.
3. The user is responsible for the safe use of this chart.

Scale: 1 inch = 258 feet

Projection: NAD 1983 StatePlane South Carolina FIPS 3200 Feet

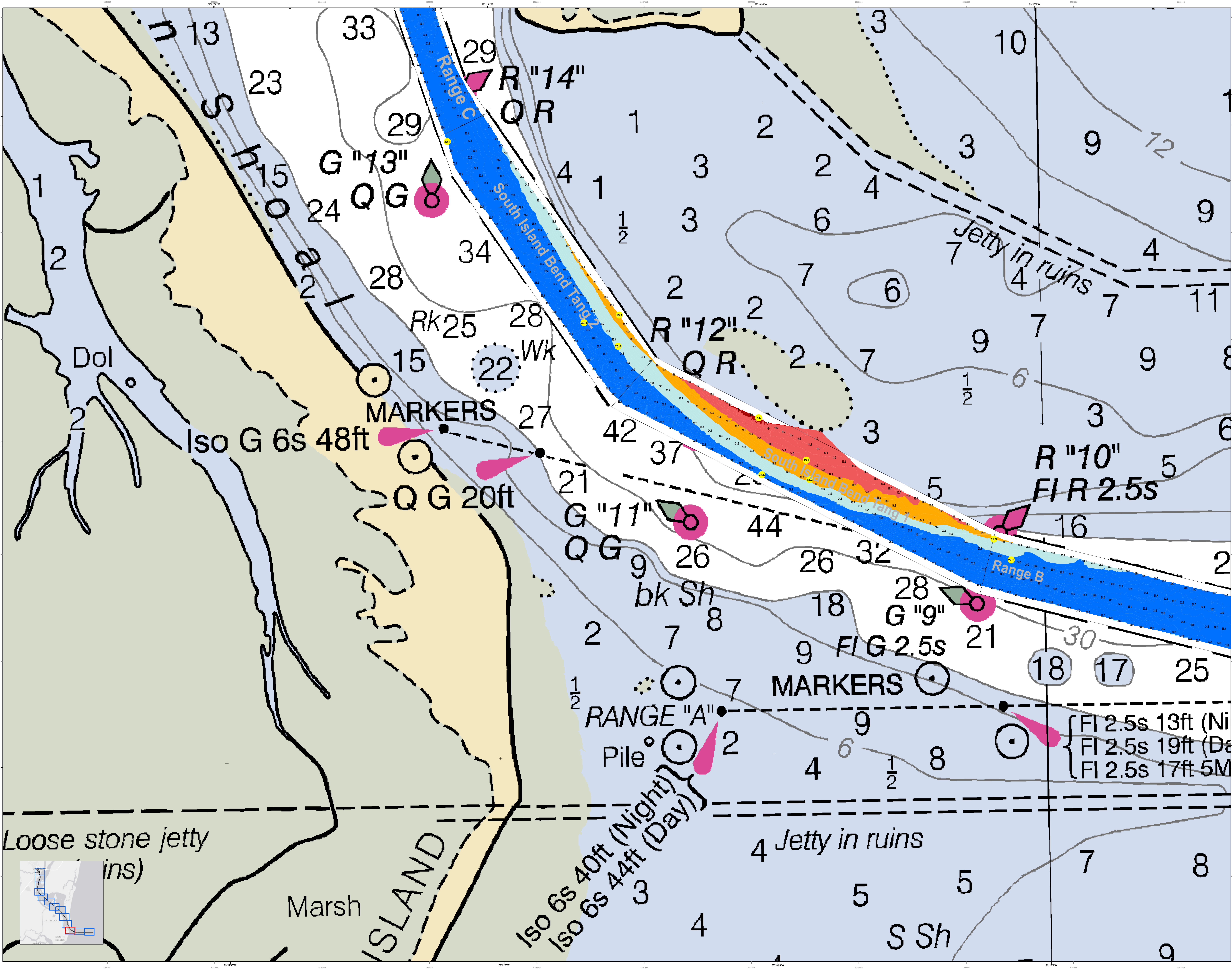
Legend:
 - Breakers: Blue wavy lines
 - Range B: Blue shaded area
 - Entrance Channel: Yellow shaded area
 - Buoy: Pink diamond with number
 - Light: Green circle with number
 - Submerged: Dashed lines with numbers

Georgetown Harbor Channel Survey
 The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general character of the bottom.

Designed By: U.S. Army Corps of Engineers, Charleston District, Savannah District, Charleston District
 Reviewed By: U.S. Army Corps of Engineers, Charleston District, Savannah District, Charleston District
 Survey Date: 13 DEC 2018
 Project Reference Number: 13DEC2018-001
 Revision: 1
 Scale: 1 inch = 258 feet
 Projection: NAD 1983 StatePlane South Carolina FIPS 3200 Feet

Concluded on: 13 DEC 2018
 Georgetown, South Carolina

SHEET REFERENCE NUMBER: C001
 SHEET 2 OF 13



U.S. Army Corps of Engineers
Charleston District

Production Notes:
 1. This is a preliminary chart. It is not to be used for navigation.
 2. The information on this chart is based on the most recent available data.
 3. The information on this chart is based on the most recent available data.
 4. The information on this chart is based on the most recent available data.
 5. The information on this chart is based on the most recent available data.

Charted Name:
 1. Georgetown Harbor Channel
 2. Georgetown Harbor Channel
 3. Georgetown Harbor Channel
 4. Georgetown Harbor Channel

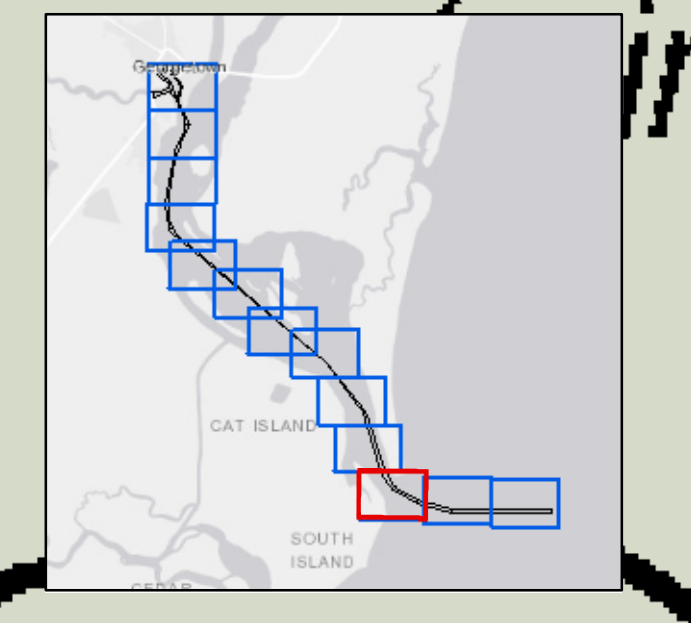
Scale:
 1:25,000
 1 inch = 208 feet

Projection:
 NAD 1983 StatePlane South Carolina FIPS 3200 Feet

Legend:
 Soundings: 1-44
 Depth: 1-44
 Charted Name: 1-44
 Scale: 1-44
 Projection: 1-44

Georgetown Harbor Channel Survey
 The information on this chart is based on the most recent available data.
 Concluded on: 13 DEC 2018
 Georgetown, South Carolina

SHEET REFERENCE NUMBER
 C001
 SHEET 3 OF 13



Loose stone jetty (ins)

Marsh

ISLAND

Iso 6s 40ft (Night)
 Iso 6s 44ft (Day)

4 Jetty in ruins

S Sh

FI 2.5s 13ft (Ni
 FI 2.5s 19ft (Da
 FI 2.5s 17ft 5M

MARKERS

RANGE "A"

G "11"

MARKERS

Iso G 6s 48ft

Q G 20ft

R "12"

RK 25

G "13"

R "14"

South Island Bend Tang

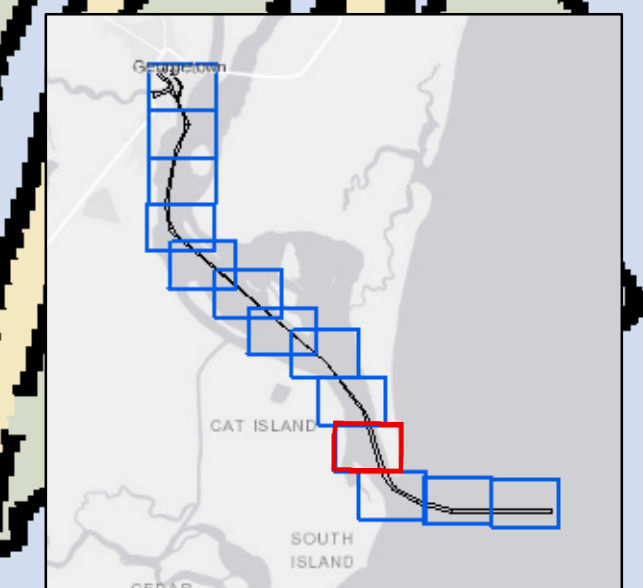
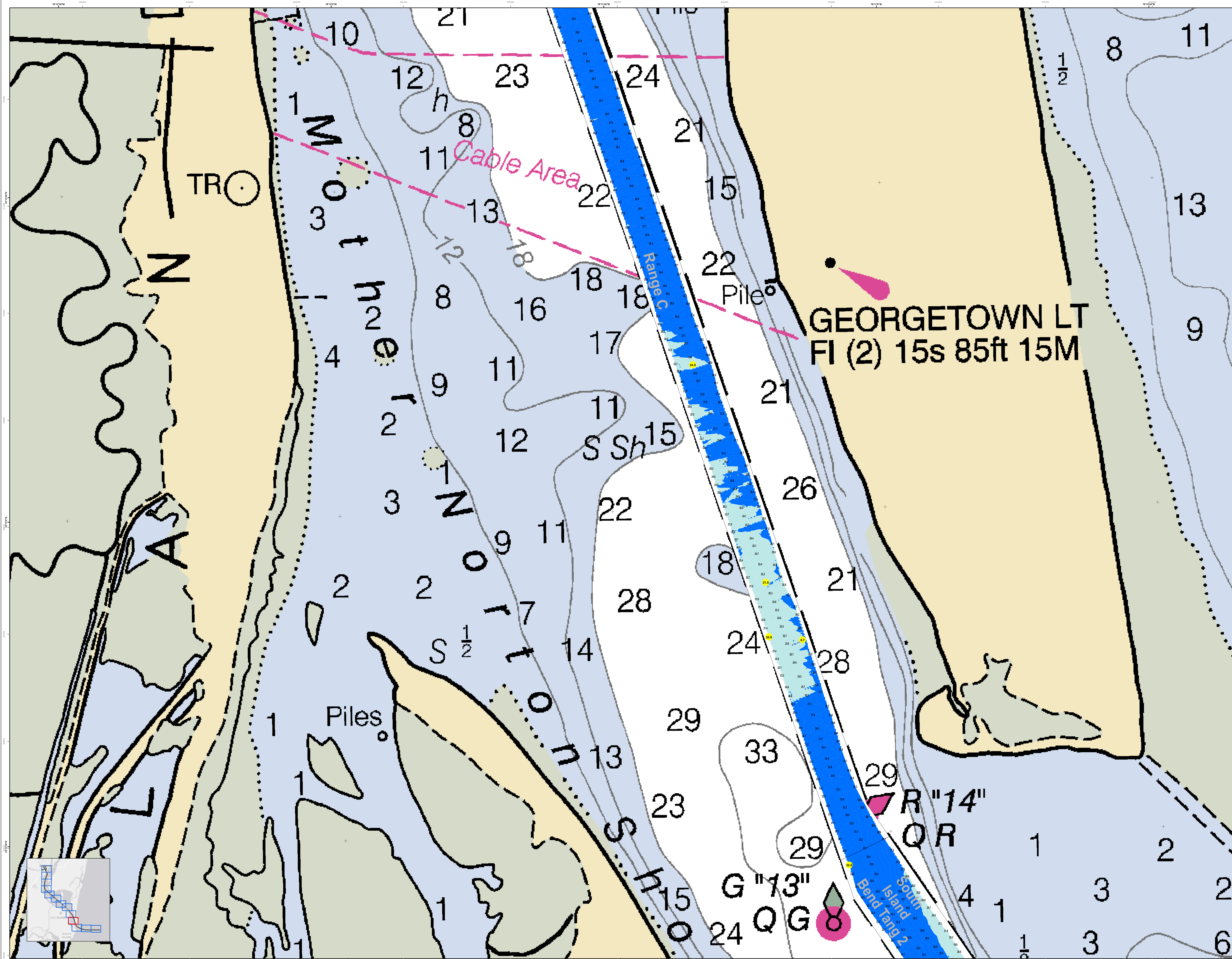
South Island Bend Tang

Jetty in ruins

R "10"
 FI R 2.5s

Dol

Loose stone jetty



U.S. Army Corps of Engineers
Charleston District

Georgetown Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general character of the bottom. It is not intended to be used for navigation.
Concluded on: 13 DEC 2018
Georgetown, South Carolina

Legend

Soundings

- 13 to 15: Yellow
- 15 to 20: Orange
- 20 to 25: Red
- 25 to 30: Dark Red
- 30 to 35: Brown
- 35 to 40: Blue
- 40 to 45: Dark Blue
- 45 to 50: Light Blue
- 50 to 55: Medium Blue
- 55 to 60: Dark Blue
- 60 to 65: Very Dark Blue
- 65 to 70: Black

Obstructions

- Red: Obstruction
- Blue: Obstruction
- Green: Obstruction
- Yellow: Obstruction
- White: Obstruction
- Black: Obstruction

Other Symbols

- Black circle: Light
- Black triangle: Buoy
- Black square: Marker
- Black diamond: Marker
- Black circle with dot: Light
- Black circle with cross: Light
- Black circle with X: Light
- Black circle with +: Light
- Black circle with *: Light
- Black circle with o: Light
- Black circle with x: Light
- Black circle with .: Light
- Black circle with /: Light
- Black circle with \: Light
- Black circle with ^: Light
- Black circle with v: Light
- Black circle with <: Light
- Black circle with >: Light
- Black circle with ~: Light
- Black circle with `: Light
- Black circle with ~: Light

Scale

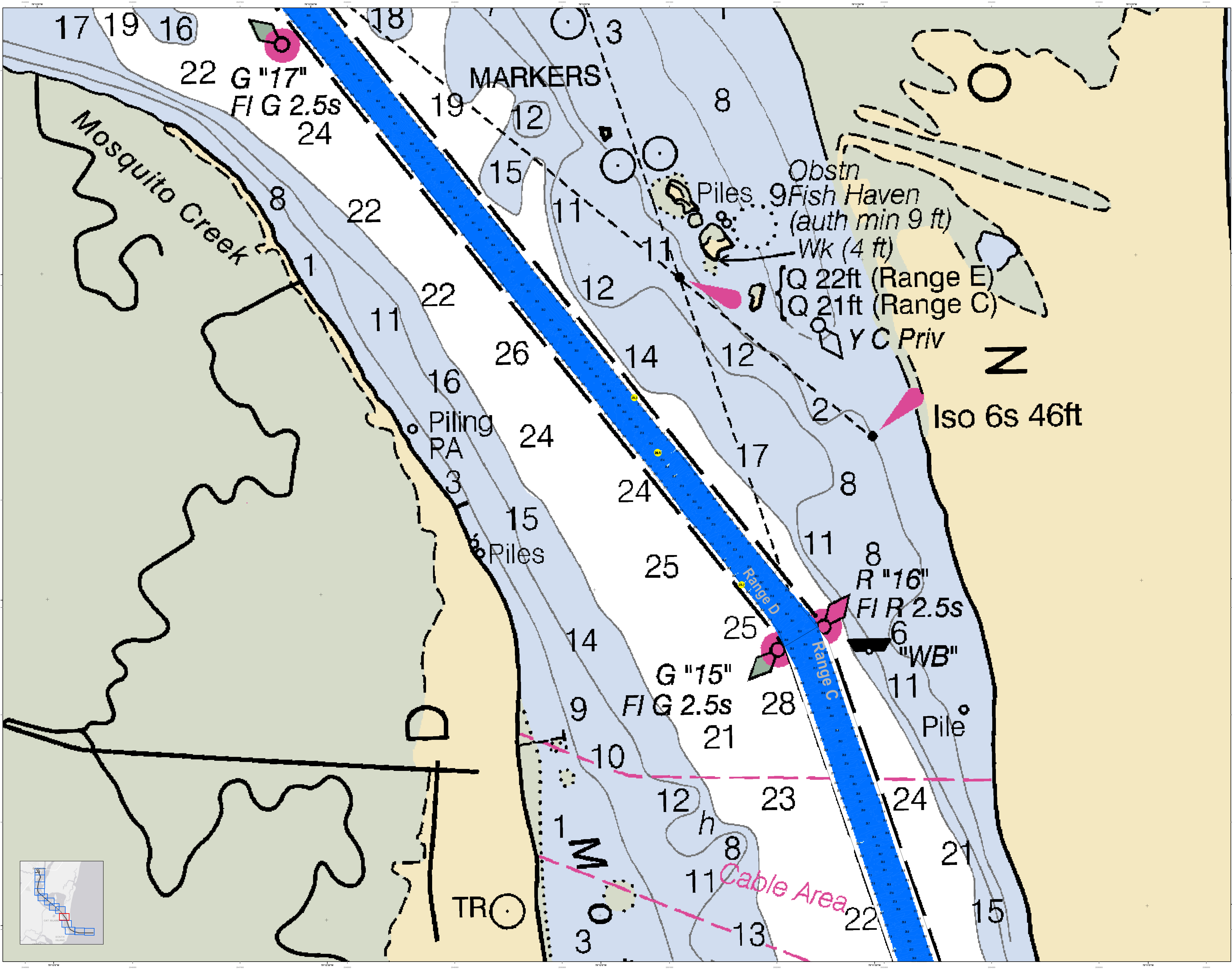
0 125 250 500 750 Feet

Production Data

Designed By:	hydro Software v3.02	Survey Date:	13 DEC 2018	Production Date:	19 DEC 2018
Reviewed By:	1:50,000	Project Reference Number:	1800001D	Sheet Title:	CONDITION
Revised By:	1:50,000	Scale:	1 inch = 258 feet	Projection:	NAD 1983 StatePlane South Carolina FIPS 3200 Feet

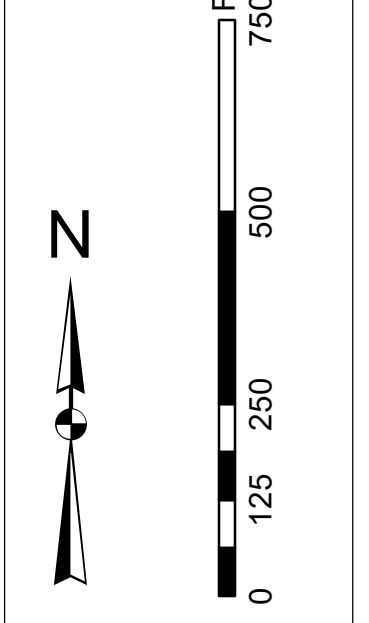
U.S. Army Corps of Engineers
CHARLESTON DISTRICT
SAYLOR BAY BRANCH
BURNING CREEK
CHARLESTON, SC 29405
CESAC-GIS@USACE.ARMY.MIL

SHEET REFERENCE NUMBER
C001
SHEET 4 OF 13



Production Note:
This chart was produced using the following information:
1. This is a preliminary chart.
2. It is not to be used for navigation.
3. It is not to be used for any other purpose.
4. It is not to be used for any other purpose.
5. It is not to be used for any other purpose.

Chart Notes:
1. This chart is a preliminary chart.
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3. It is not to be used for any other purpose.
4. It is not to be used for any other purpose.
5. It is not to be used for any other purpose.



Legend:
Depth Contours: 1 ft to 15 ft, 16 ft to 20 ft, 21 ft to 25 ft, 26 ft to 30 ft, 31 ft to 35 ft, 36 ft to 40 ft, 41 ft to 45 ft, 46 ft to 50 ft, 51 ft to 55 ft, 56 ft to 60 ft, 61 ft to 65 ft, 66 ft to 70 ft, 71 ft to 75 ft, 76 ft to 80 ft, 81 ft to 85 ft, 86 ft to 90 ft, 91 ft to 95 ft, 96 ft to 100 ft, 101 ft to 105 ft, 106 ft to 110 ft, 111 ft to 115 ft, 116 ft to 120 ft, 121 ft to 125 ft, 126 ft to 130 ft, 131 ft to 135 ft, 136 ft to 140 ft, 141 ft to 145 ft, 146 ft to 150 ft, 151 ft to 155 ft, 156 ft to 160 ft, 161 ft to 165 ft, 166 ft to 170 ft, 171 ft to 175 ft, 176 ft to 180 ft, 181 ft to 185 ft, 186 ft to 190 ft, 191 ft to 195 ft, 196 ft to 200 ft, 201 ft to 205 ft, 206 ft to 210 ft, 211 ft to 215 ft, 216 ft to 220 ft, 221 ft to 225 ft, 226 ft to 230 ft, 231 ft to 235 ft, 236 ft to 240 ft, 241 ft to 245 ft, 246 ft to 250 ft, 251 ft to 255 ft, 256 ft to 260 ft, 261 ft to 265 ft, 266 ft to 270 ft, 271 ft to 275 ft, 276 ft to 280 ft, 281 ft to 285 ft, 286 ft to 290 ft, 291 ft to 295 ft, 296 ft to 300 ft, 301 ft to 305 ft, 306 ft to 310 ft, 311 ft to 315 ft, 316 ft to 320 ft, 321 ft to 325 ft, 326 ft to 330 ft, 331 ft to 335 ft, 336 ft to 340 ft, 341 ft to 345 ft, 346 ft to 350 ft, 351 ft to 355 ft, 356 ft to 360 ft, 361 ft to 365 ft, 366 ft to 370 ft, 371 ft to 375 ft, 376 ft to 380 ft, 381 ft to 385 ft, 386 ft to 390 ft, 391 ft to 395 ft, 396 ft to 400 ft, 401 ft to 405 ft, 406 ft to 410 ft, 411 ft to 415 ft, 416 ft to 420 ft, 421 ft to 425 ft, 426 ft to 430 ft, 431 ft to 435 ft, 436 ft to 440 ft, 441 ft to 445 ft, 446 ft to 450 ft, 451 ft to 455 ft, 456 ft to 460 ft, 461 ft to 465 ft, 466 ft to 470 ft, 471 ft to 475 ft, 476 ft to 480 ft, 481 ft to 485 ft, 486 ft to 490 ft, 491 ft to 495 ft, 496 ft to 500 ft, 501 ft to 505 ft, 506 ft to 510 ft, 511 ft to 515 ft, 516 ft to 520 ft, 521 ft to 525 ft, 526 ft to 530 ft, 531 ft to 535 ft, 536 ft to 540 ft, 541 ft to 545 ft, 546 ft to 550 ft, 551 ft to 555 ft, 556 ft to 560 ft, 561 ft to 565 ft, 566 ft to 570 ft, 571 ft to 575 ft, 576 ft to 580 ft, 581 ft to 585 ft, 586 ft to 590 ft, 591 ft to 595 ft, 596 ft to 600 ft, 601 ft to 605 ft, 606 ft to 610 ft, 611 ft to 615 ft, 616 ft to 620 ft, 621 ft to 625 ft, 626 ft to 630 ft, 631 ft to 635 ft, 636 ft to 640 ft, 641 ft to 645 ft, 646 ft to 650 ft, 651 ft to 655 ft, 656 ft to 660 ft, 661 ft to 665 ft, 666 ft to 670 ft, 671 ft to 675 ft, 676 ft to 680 ft, 681 ft to 685 ft, 686 ft to 690 ft, 691 ft to 695 ft, 696 ft to 700 ft, 701 ft to 705 ft, 706 ft to 710 ft, 711 ft to 715 ft, 716 ft to 720 ft, 721 ft to 725 ft, 726 ft to 730 ft, 731 ft to 735 ft, 736 ft to 740 ft, 741 ft to 745 ft, 746 ft to 750 ft, 751 ft to 755 ft, 756 ft to 760 ft, 761 ft to 765 ft, 766 ft to 770 ft, 771 ft to 775 ft, 776 ft to 780 ft, 781 ft to 785 ft, 786 ft to 790 ft, 791 ft to 795 ft, 796 ft to 800 ft, 801 ft to 805 ft, 806 ft to 810 ft, 811 ft to 815 ft, 816 ft to 820 ft, 821 ft to 825 ft, 826 ft to 830 ft, 831 ft to 835 ft, 836 ft to 840 ft, 841 ft to 845 ft, 846 ft to 850 ft, 851 ft to 855 ft, 856 ft to 860 ft, 861 ft to 865 ft, 866 ft to 870 ft, 871 ft to 875 ft, 876 ft to 880 ft, 881 ft to 885 ft, 886 ft to 890 ft, 891 ft to 895 ft, 896 ft to 900 ft, 901 ft to 905 ft, 906 ft to 910 ft, 911 ft to 915 ft, 916 ft to 920 ft, 921 ft to 925 ft, 926 ft to 930 ft, 931 ft to 935 ft, 936 ft to 940 ft, 941 ft to 945 ft, 946 ft to 950 ft, 951 ft to 955 ft, 956 ft to 960 ft, 961 ft to 965 ft, 966 ft to 970 ft, 971 ft to 975 ft, 976 ft to 980 ft, 981 ft to 985 ft, 986 ft to 990 ft, 991 ft to 995 ft, 996 ft to 1000 ft.

Legend:
Obstructions: Obstruction, Pile, Y C Priv, Iso 6s 46ft, Cable Area.

Legend:
Channel Markings: Range C, Range D, Range E, Range F, Range G, Range H, Range I, Range J, Range K, Range L, Range M, Range N, Range O, Range P, Range Q, Range R, Range S, Range T, Range U, Range V, Range W, Range X, Range Y, Range Z, Range AA, Range AB, Range AC, Range AD, Range AE, Range AF, Range AG, Range AH, Range AI, Range AJ, Range AK, Range AL, Range AM, Range AN, Range AO, Range AP, Range AQ, Range AR, Range AS, Range AT, Range AU, Range AV, Range AW, Range AX, Range AY, Range AZ, Range BA, Range BB, Range BC, Range BD, Range BE, Range BF, Range BG, Range BH, Range BI, Range BJ, Range BK, Range BL, Range BM, Range BN, Range BO, Range BP, Range BQ, Range BR, Range BS, Range BT, Range BU, Range BV, Range BW, Range BX, Range BY, Range BZ, Range CA, Range CB, Range CC, Range CD, Range CE, Range CF, Range CG, Range CH, Range CI, Range CJ, Range CK, Range CL, Range CM, Range CN, Range CO, Range CP, Range CQ, Range CR, Range CS, Range CT, Range CU, Range CV, Range CW, Range CX, Range CY, Range CZ, Range DA, Range DB, Range DC, Range DD, Range DE, Range DF, Range DG, Range DH, Range DI, Range DJ, Range DK, Range DL, Range DM, Range DN, Range DO, Range DP, Range DQ, Range DR, Range DS, Range DT, Range DU, Range DV, Range DW, Range DX, Range DY, Range DZ, Range EA, Range EB, Range EC, Range ED, Range EE, Range EF, Range EG, Range EH, Range EI, Range EJ, Range EK, Range EL, Range EM, Range EN, Range EO, Range EP, Range EQ, Range ER, Range ES, Range ET, Range EU, Range EV, Range EW, Range EX, Range EY, Range EZ, Range FA, Range FB, Range FC, Range FD, Range FE, Range FF, Range FG, Range FH, Range FI, Range FJ, Range FK, Range FL, Range FM, Range FN, Range FO, Range FP, Range FQ, Range FR, Range FS, Range FT, Range FU, Range FV, Range FW, Range FX, Range FY, Range FZ, Range GA, Range GB, Range GC, Range GD, Range GE, Range GF, Range GG, Range GH, Range GI, Range GJ, Range GK, Range GL, Range GM, Range GN, Range GO, Range GP, Range GQ, Range GR, Range GS, Range GT, Range GU, Range GV, Range GW, Range GX, Range GY, Range GZ, Range HA, Range HB, Range HC, Range HD, Range HE, Range HF, Range HG, Range HH, Range HI, Range HJ, Range HK, Range HL, Range HM, Range HN, Range HO, Range HP, Range HQ, Range HR, Range HS, Range HT, Range HU, Range HV, Range HW, Range HX, Range HY, Range HZ, Range IA, Range IB, Range IC, Range ID, Range IE, Range IF, Range IG, Range IH, Range II, Range IJ, Range IK, Range IL, Range IM, Range IN, Range IO, Range IP, Range IQ, Range IR, Range IS, Range IT, Range IU, Range IV, Range IW, Range IX, Range IY, Range IZ, Range JA, Range JB, Range JC, Range JD, Range JE, Range JF, Range JG, Range JH, Range JI, Range JJ, Range JK, Range JL, Range JM, Range JN, Range JO, Range JP, Range JQ, Range JR, Range JS, Range JT, Range JU, Range JV, Range JW, Range JX, Range JY, Range JZ, Range KA, Range KB, Range KC, Range KD, Range KE, Range KF, Range KG, Range KH, Range KI, Range KJ, Range KK, Range KL, Range KM, Range KN, Range KO, Range KP, Range KQ, Range KR, Range KS, Range KT, Range KU, Range KV, Range KW, Range KX, Range KY, Range KZ, Range LA, Range LB, Range LC, Range LD, Range LE, Range LF, Range LG, Range LH, Range LI, Range LJ, Range LK, Range LL, Range LM, Range LN, Range LO, Range LP, Range LQ, Range LR, Range LS, Range LT, Range LU, Range LV, Range LW, Range LX, Range LY, Range LZ, Range MA, Range MB, Range MC, Range MD, Range ME, Range MF, Range MG, Range MH, Range MI, Range MJ, Range MK, Range ML, Range MM, Range MN, Range MO, Range MP, Range MQ, Range MR, Range MS, Range MT, Range MU, Range MV, Range MW, Range MX, Range MY, Range MZ, Range NA, Range NB, Range NC, Range ND, Range NE, Range NF, Range NG, Range NH, Range NI, Range NJ, Range NK, Range NL, Range NM, Range NN, Range NO, Range NP, Range NQ, Range NR, Range NS, Range NT, Range NU, Range NV, Range NW, Range NX, Range NY, Range NZ, Range OA, Range OB, Range OC, Range OD, Range OE, Range OF, Range OG, Range OH, Range OI, Range OJ, Range OK, Range OL, Range OM, Range ON, Range OO, Range OP, Range OQ, Range OR, Range OS, Range OT, Range OU, Range OV, Range OW, Range OX, Range OY, Range OZ, Range PA, Range PB, Range PC, Range PD, Range PE, Range PF, Range PG, Range PH, Range PI, Range PJ, Range PK, Range PL, Range PM, Range PN, Range PO, Range PP, Range PQ, Range PR, Range PS, Range PT, Range PU, Range PV, Range PW, Range PX, Range PY, Range PZ, Range QA, Range QB, Range QC, Range QD, Range QE, Range QF, Range QG, Range QH, Range QI, Range QJ, Range QK, Range QL, Range QM, Range QN, Range QO, Range QP, Range QQ, Range QR, Range QS, Range QT, Range QU, Range QV, Range QW, Range QX, Range QY, Range QZ, Range RA, Range RB, Range RC, Range RD, Range RE, Range RF, Range RG, Range RH, Range RI, Range RJ, Range RK, Range RL, Range RM, Range RN, Range RO, Range RP, Range RQ, Range RR, Range RS, Range RT, Range RU, Range RV, Range RW, Range RX, Range RY, Range RZ, Range SA, Range SB, Range SC, Range SD, Range SE, Range SF, Range SG, Range SH, Range SI, Range SJ, Range SK, Range SL, Range SM, Range SN, Range SO, Range SP, Range SQ, Range SR, Range SS, Range ST, Range SU, Range SV, Range SW, Range SX, Range SY, Range SZ, Range TA, Range TB, Range TC, Range TD, Range TE, Range TF, Range TG, Range TH, Range TI, Range TJ, Range TK, Range TL, Range TM, Range TN, Range TO, Range TP, Range TQ, Range TR, Range TS, Range TU, Range TV, Range TW, Range TX, Range TY, Range TZ, Range UA, Range UB, Range UC, Range UD, Range UE, Range UF, Range UG, Range UH, Range UI, Range UJ, Range UK, Range UL, Range UM, Range UN, Range UO, Range UP, Range UQ, Range UR, Range US, Range UT, Range UY, Range UZ, Range VA, Range VB, Range VC, Range VD, Range VE, Range VF, Range VG, Range VH, Range VI, Range VJ, Range VK, Range VL, Range VM, Range VN, Range VO, Range VP, Range VQ, Range VR, Range VS, Range VT, Range VY, Range VZ, Range WA, Range WB, Range WC, Range WD, Range WE, Range WF, Range WG, Range WH, Range WI, Range WJ, Range WK, Range WL, Range WM, Range WN, Range WO, Range WP, Range WQ, Range WR, Range WS, Range WT, Range WY, Range WZ, Range XA, Range XB, Range XC, Range XD, Range XE, Range XF, Range XG, Range XH, Range XI, Range XJ, Range XK, Range XL, Range XM, Range XN, Range XO, Range XP, Range XQ, Range XR, Range XS, Range XT, Range XU, Range XV, Range XW, Range XX, Range XY, Range XZ, Range YA, Range YB, Range YC, Range YD, Range YE, Range YF, Range YG, Range YH, Range YI, Range YJ, Range YK, Range YL, Range YM, Range YN, Range YO, Range YP, Range YQ, Range YR, Range YS, Range YT, Range YU, Range YV, Range YW, Range YX, Range YY, Range YZ, Range ZA, Range ZB, Range ZC, Range ZD, Range ZE, Range ZF, Range ZG, Range ZH, Range ZI, Range ZJ, Range ZK, Range ZL, Range ZM, Range ZN, Range ZO, Range ZP, Range ZQ, Range ZR, Range ZS, Range ZT, Range ZU, Range ZV, Range ZW, Range ZX, Range ZY, Range ZZ.

Designed By:	Hydro Software v3.02	Survey Date:	13 DEC 2018	Production Date:	19 DEC 2018
Reviewed By:	1:50,000	Project Reference Number:	13DEC2018	Sheet Title:	CONDITION
Scale:	1 inch = 258 feet	Projection:	NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

Georgetown Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general character of the channel and shoals.
Concluded on: 13 DEC 2018
Georgetown, South Carolina

In accordance with the U.S. Army Corps of Engineers, Charleston District Office, Special Data Sheets are used to provide a graphical representation of the data collected for this project. The data shown on this map is for informational purposes only and does not constitute a contract. The user is responsible for interpreting the data and for determining the appropriate use of the data. The data is provided as a service to the user and is not intended to be used for any other purpose. The user is responsible for ensuring that the data is used in accordance with the applicable laws and regulations. The user is also responsible for ensuring that the data is used in a safe and sound manner. The user is not to be held liable for any damage or injury resulting from the use of the data.

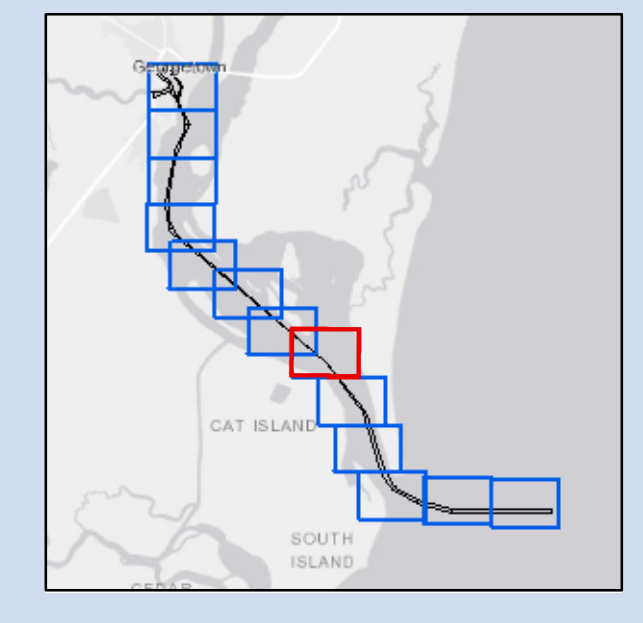
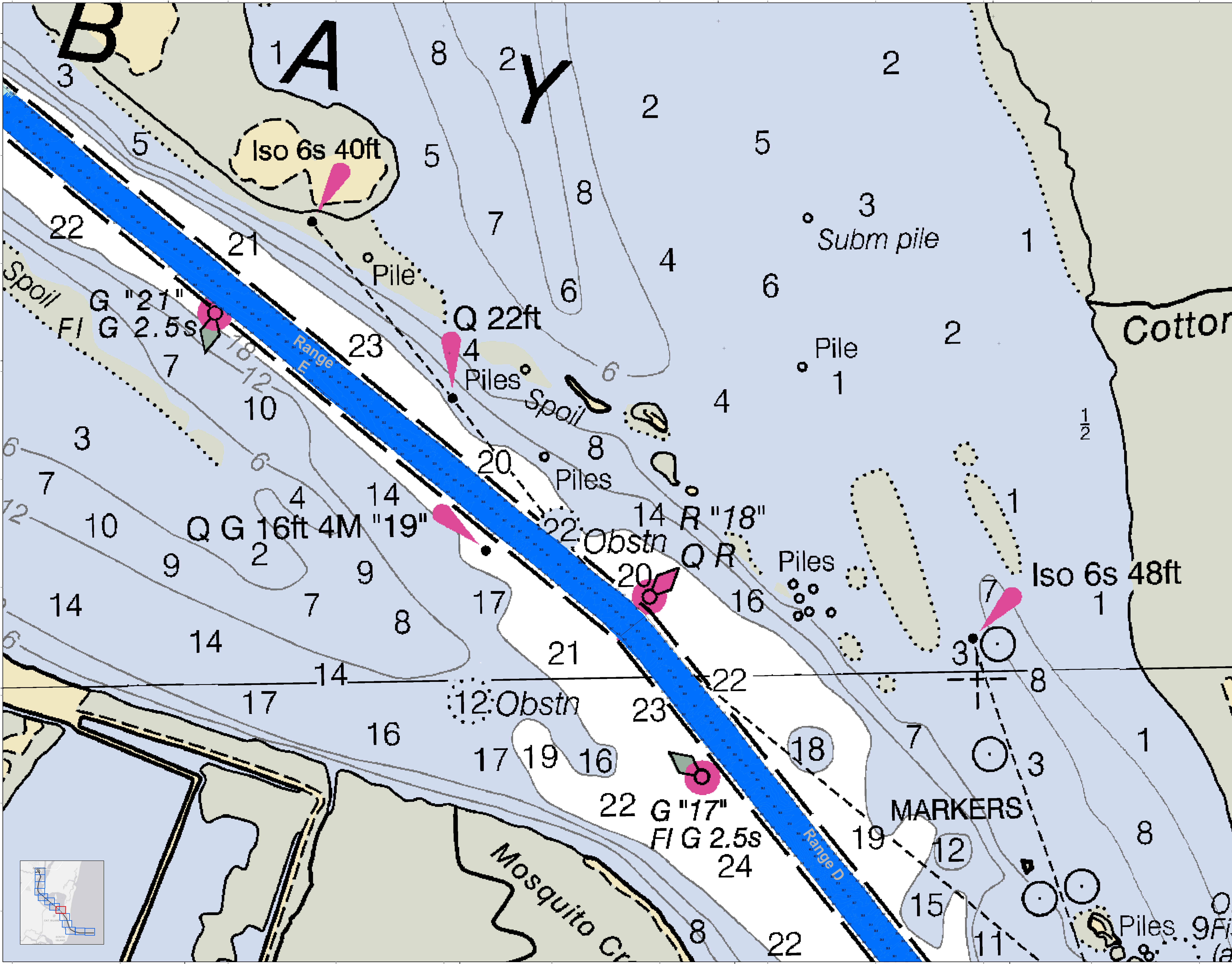
Production Notes:
1. This map is produced electronically.
2. The data is derived from the following sources:
a. Bathymetry data collected from 2015 to 2017.
b. Hydrographic data collected from 2015 to 2017.
c. Sonar data collected from 2015 to 2017.
d. Other data collected from 2015 to 2017.
e. Other data collected from 2015 to 2017.

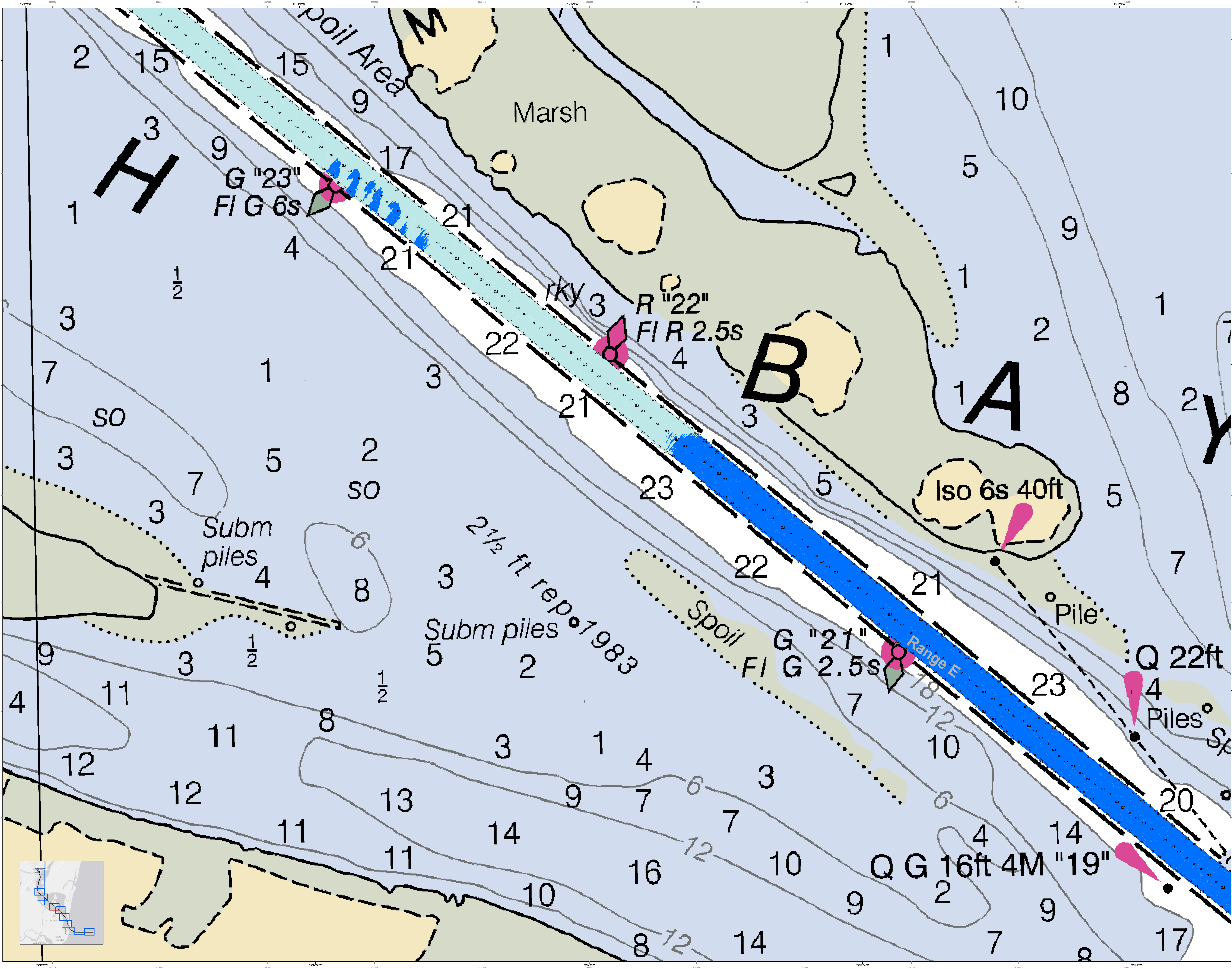
Legend

- Water Depth: 0 to 10, 10 to 20, 20 to 30, 30 to 40, 40 to 50, 50 to 60, 60 to 70, 70 to 80, 80 to 90, 90 to 100, 100 to 110, 110 to 120, 120 to 130, 130 to 140, 140 to 150, 150 to 160, 160 to 170, 170 to 180, 180 to 190, 190 to 200, 200 to 210, 210 to 220, 220 to 230, 230 to 240, 240 to 250, 250 to 260, 260 to 270, 270 to 280, 280 to 290, 290 to 300, 300 to 310, 310 to 320, 320 to 330, 330 to 340, 340 to 350, 350 to 360, 360 to 370, 370 to 380, 380 to 390, 390 to 400, 400 to 410, 410 to 420, 420 to 430, 430 to 440, 440 to 450, 450 to 460, 460 to 470, 470 to 480, 480 to 490, 490 to 500, 500 to 510, 510 to 520, 520 to 530, 530 to 540, 540 to 550, 550 to 560, 560 to 570, 570 to 580, 580 to 590, 590 to 600, 600 to 610, 610 to 620, 620 to 630, 630 to 640, 640 to 650, 650 to 660, 660 to 670, 670 to 680, 680 to 690, 690 to 700, 700 to 710, 710 to 720, 720 to 730, 730 to 740, 740 to 750, 750 to 760, 760 to 770, 770 to 780, 780 to 790, 790 to 800, 800 to 810, 810 to 820, 820 to 830, 830 to 840, 840 to 850, 850 to 860, 860 to 870, 870 to 880, 880 to 890, 890 to 900, 900 to 910, 910 to 920, 920 to 930, 930 to 940, 940 to 950, 950 to 960, 960 to 970, 970 to 980, 980 to 990, 990 to 1000.
- Obstructions: Obstruction, Pile, Spoil, Subm pile.
- Other: Iso 6s 40ft, Iso 6s 48ft, Range A, Range B, Range C, Range D, Range E, Range F, Range G, Range H, Range I, Range J, Range K, Range L, Range M, Range N, Range O, Range P, Range Q, Range R, Range S, Range T, Range U, Range V, Range W, Range X, Range Y, Range Z, Range AA, Range AB, Range AC, Range AD, Range AE, Range AF, Range AG, Range AH, Range AI, Range AJ, Range AK, Range AL, Range AM, Range AN, Range AO, Range AP, Range AQ, Range AR, Range AS, Range AT, Range AU, Range AV, Range AW, Range AX, Range AY, Range AZ, Range BA, Range BB, Range BC, Range BD, Range BE, Range BF, Range BG, Range BH, Range BI, Range BJ, Range BK, Range BL, Range BM, Range BN, Range BO, Range BP, Range BQ, Range BR, Range BS, Range BT, Range BU, Range BV, Range BW, Range BX, Range BY, Range BZ, Range CA, Range CB, Range CC, Range CD, Range CE, Range CF, Range CG, Range CH, Range CI, Range CJ, Range CK, Range CL, Range CM, Range CN, Range CO, Range CP, Range CQ, Range CR, Range CS, Range CT, Range CU, Range CV, Range CW, Range CX, Range CY, Range CZ, Range DA, Range DB, Range DC, Range DD, Range DE, Range DF, Range DG, Range DH, Range DI, Range DJ, Range DK, Range DL, Range DM, Range DN, Range DO, Range DP, Range DQ, Range DR, Range DS, Range DT, Range DU, Range DV, Range DW, Range DX, Range DY, Range DZ, Range EA, Range EB, Range EC, Range ED, Range EE, Range EF, Range EG, Range EH, Range EI, Range EJ, Range EK, Range EL, Range EM, Range EN, Range EO, Range EP, Range EQ, Range ER, Range ES, Range ET, Range EU, Range EV, Range EW, Range EX, Range EY, Range EZ, Range FA, Range FB, Range FC, Range FD, Range FE, Range FF, Range FG, Range FH, Range FI, Range FJ, Range FK, Range FL, Range FM, Range FN, Range FO, Range FP, Range FQ, Range FR, Range FS, Range FT, Range FU, Range FV, Range FW, Range FX, Range FY, Range FZ, Range GA, Range GB, Range GC, Range GD, Range GE, Range GF, Range GG, Range GH, Range GI, Range GJ, Range GK, Range GL, Range GM, Range GN, Range GO, Range GP, Range GQ, Range GR, Range GS, Range GT, Range GU, Range GV, Range GW, Range GX, Range GY, Range GZ, Range HA, Range HB, Range HC, Range HD, Range HE, Range HF, Range HG, Range HH, Range HI, Range HJ, Range HK, Range HL, Range HM, Range HN, Range HO, Range HP, Range HQ, Range HR, Range HS, Range HT, Range HU, Range HV, Range HW, Range HX, Range HY, Range HZ, Range IA, Range IB, Range IC, Range ID, Range IE, Range IF, Range IG, Range IH, Range II, Range IJ, Range IK, Range IL, Range IM, Range IN, Range IO, Range IP, Range IQ, Range IR, Range IS, Range IT, Range IU, Range IV, Range IW, Range IX, Range IY, Range IZ, Range JA, Range JB, Range JC, Range JD, Range JE, Range JF, Range JG, Range JH, Range JI, Range JJ, Range JK, Range JL, Range JM, Range JN, Range JO, Range JP, Range JQ, Range JR, Range JS, Range JT, Range JU, Range JV, Range JW, Range JX, Range JY, Range JZ, Range KA, Range KB, Range KC, Range KD, Range KE, Range KF, Range KG, Range KH, Range KI, Range KJ, Range KK, Range KL, Range KM, Range KN, Range KO, Range KP, Range KQ, Range KR, Range KS, Range KT, Range KU, Range KV, Range KW, Range KX, Range KY, Range KZ, Range LA, Range LB, Range LC, Range LD, Range LE, Range LF, Range LG, Range LH, Range LI, Range LJ, Range LK, Range LL, Range LM, Range LN, Range LO, Range LP, Range LQ, Range LR, Range LS, Range LT, Range LU, Range LV, Range LW, Range LX, Range LY, Range LZ, Range MA, Range MB, Range MC, Range MD, Range ME, Range MF, Range MG, Range MH, Range MI, Range MJ, Range MK, Range ML, Range MM, Range MN, Range MO, Range MP, Range MQ, Range MR, Range MS, Range MT, Range MU, Range MV, Range MW, Range MX, Range MY, Range MZ, Range NA, Range NB, Range NC, Range ND, Range NE, Range NF, Range NG, Range NH, Range NI, Range NJ, Range NK, Range NL, Range NM, Range NN, Range NO, Range NP, Range NQ, Range NR, Range NS, Range NT, Range NU, Range NV, Range NW, Range NX, Range NY, Range NZ, Range OA, Range OB, Range OC, Range OD, Range OE, Range OF, Range OG, Range OH, Range OI, Range OJ, Range OK, Range OL, Range OM, Range ON, Range OO, Range OP, Range OQ, Range OR, Range OS, Range OT, Range OU, Range OV, Range OW, Range OX, Range OY, Range OZ, Range PA, Range PB, Range PC, Range PD, Range PE, Range PF, Range PG, Range PH, Range PI, Range PJ, Range PK, Range PL, Range PM, Range PN, Range PO, Range PP, Range PQ, Range PR, Range PS, Range PT, Range PU, Range PV, Range PW, Range PX, Range PY, Range PZ, Range QA, Range QB, Range QC, Range QD, Range QE, Range QF, Range QG, Range QH, Range QI, Range QJ, Range QK, Range QL, Range QM, Range QN, Range QO, Range QP, Range QQ, Range QR, Range QS, Range QT, Range QU, Range QV, Range QW, Range QX, Range QY, Range QZ, Range RA, Range RB, Range RC, Range RD, Range RE, Range RF, Range RG, Range RH, Range RI, Range RJ, Range RK, Range RL, Range RM, Range RN, Range RO, Range RP, Range RQ, Range RR, Range RS, Range RT, Range RU, Range RV, Range RW, Range RX, Range RY, Range RZ, Range SA, Range SB, Range SC, Range SD, Range SE, Range SF, Range SG, Range SH, Range SI, Range SJ, Range SK, Range SL, Range SM, Range SN, Range SO, Range SP, Range SQ, Range SR, Range SS, Range ST, Range SU, Range SV, Range SW, Range SX, Range SY, Range SZ, Range TA, Range TB, Range TC, Range TD, Range TE, Range TF, Range TG, Range TH, Range TI, Range TJ, Range TK, Range TL, Range TM, Range TN, Range TO, Range TP, Range TQ, Range TR, Range TS, Range TT, Range TU, Range TV, Range TW, Range TX, Range TY, Range TZ, Range UA, Range UB, Range UC, Range UD, Range UE, Range UF, Range UG, Range UH, Range UI, Range UJ, Range UK, Range UL, Range UM, Range UN, Range UO, Range UP, Range UQ, Range UR, Range US, Range UT, Range UO, Range UV, Range UW, Range UX, Range UY, Range UZ, Range VA, Range VB, Range VC, Range VD, Range VE, Range VF, Range VG, Range VH, Range VI, Range VJ, Range VK, Range VL, Range VM, Range VN, Range VO, Range VP, Range VQ, Range VR, Range VS, Range VT, Range VU, Range VV, Range VW, Range VX, Range VY, Range VZ, Range WA, Range WB, Range WC, Range WD, Range WE, Range WF, Range WG, Range WH, Range WI, Range WJ, Range WK, Range WL, Range WM, Range WN, Range WO, Range WP, Range WQ, Range WR, Range WS, Range WT, Range WU, Range WV, Range WW, Range WX, Range WY, Range WZ, Range XA, Range XB, Range XC, Range XD, Range XE, Range XF, Range XG, Range XH, Range XI, Range XJ, Range XK, Range XL, Range XM, Range XN, Range XO, Range XP, Range XQ, Range XR, Range XS, Range XT, Range XU, Range XV, Range XW, Range XX, Range XY, Range XZ, Range YA, Range YB, Range YC, Range YD, Range YE, Range YF, Range YG, Range YH, Range YI, Range YJ, Range YK, Range YL, Range YM, Range YN, Range YO, Range YP, Range YQ, Range YR, Range YS, Range YT, Range YU, Range YV, Range YW, Range YX, Range YY, Range YZ, Range ZA, Range ZB, Range ZC, Range ZD, Range ZE, Range ZF, Range ZG, Range ZH, Range ZI, Range ZJ, Range ZK, Range ZL, Range ZM, Range ZN, Range ZO, Range ZP, Range ZQ, Range ZR, Range ZS, Range ZT, Range ZU, Range ZV, Range ZW, Range ZX, Range ZY, Range ZZ.

Designed By: U.S. Army Corps of Engineers, District Office, Charleston, South Carolina	Survey Date: 13 DEC 2018	Production Date: 19 DEC 2018
Reviewed By: U.S. Army Corps of Engineers, District Office, Charleston, South Carolina	Project Reference Number: 13DEC2018	Sheet Title: 00001D
Scale: 1" = 258 Feet	Scale: 1" = 258 Feet	Scale: 1" = 258 Feet
Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet	Projection: NAD 1983 StatePlane South Carolina FIPS 3900 Feet

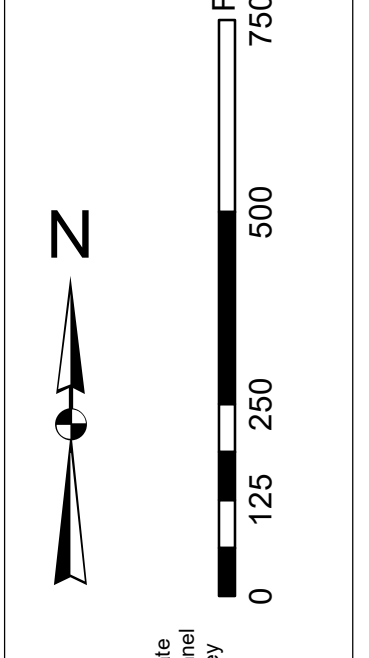
Georgetown Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general location of the objects shown. It is not intended to be used for any other purpose. The user is responsible for ensuring that the data is used in accordance with the applicable laws and regulations. The user is also responsible for ensuring that the data is used in a safe and sound manner. The user is not to be held liable for any damage or injury resulting from the use of the data.
Concluded on: 13 DEC 2018
Georgetown, South Carolina



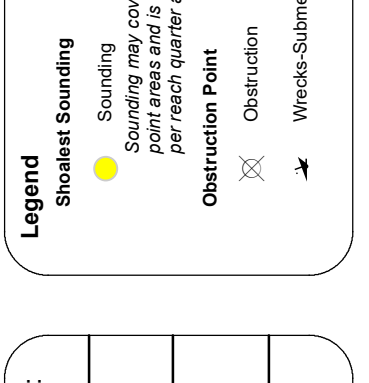
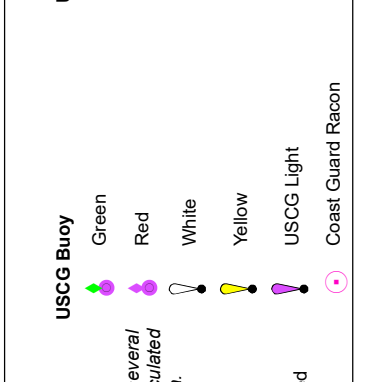
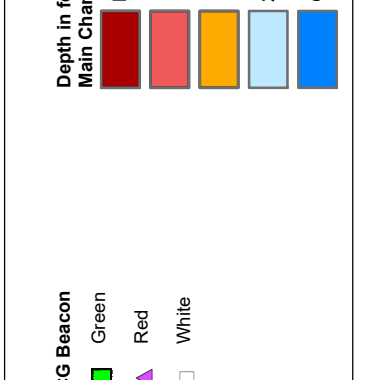


In its capacity as the U.S. Army Corps of Engineers, Charleston District Office, Special Data Sheets are issued to provide a record of the results of surveys made on this map. The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general character of the data. It is not intended to be used for navigation. All measurements are in feet and meters. All bearings are in degrees true. All distances are in feet and meters. All elevations are in feet and meters. All depths are in feet and meters. All soundings are in feet and meters. All bearings are in degrees true. All distances are in feet and meters. All elevations are in feet and meters. All depths are in feet and meters.

Production Notes:
1. This map was produced using the Hydrographic Surveying System (HSS) software.
2. The map was produced using the Hydrographic Surveying System (HSS) software.
3. The map was produced using the Hydrographic Surveying System (HSS) software.



Hydrographic Notes:
1. This map was produced using the Hydrographic Surveying System (HSS) software.
2. The map was produced using the Hydrographic Surveying System (HSS) software.
3. The map was produced using the Hydrographic Surveying System (HSS) software.



Designed By:	Hydrographic Surveying System (HSS)	Production Date:	13 DEC 2018
Reviewed By:	13 DEC 2018	Project Reference Number:	19 DEC 2018
Scale:	1:50,000	Survey Type:	CONDITION
Reference Scale:	1 inch = 258 feet	Projection:	NAD 1983 StatePlane South Carolina FIPS 3200 Feet

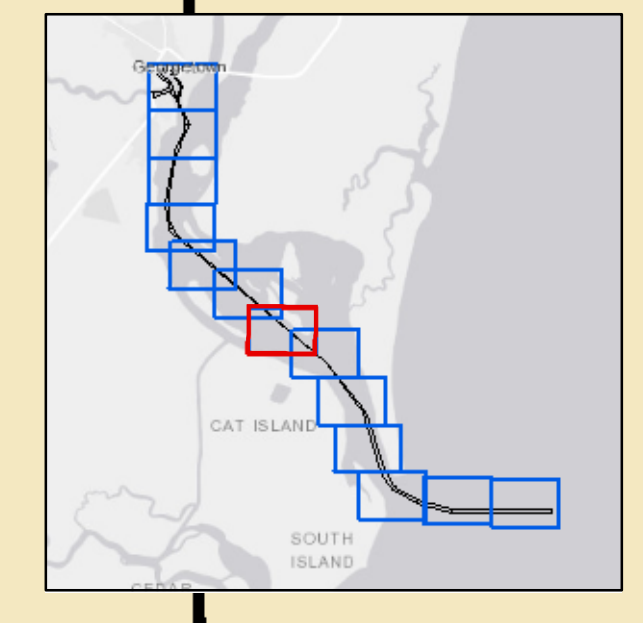
U.S. Army Corps of Engineers Charleston District Office Savannah Branch Birmingham Charleston, SC 29405 CESAC-GIS@USACE.ARMY.MIL

Georgetown Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general character of the data. It is not intended to be used for navigation. All measurements are in feet and meters. All bearings are in degrees true. All distances are in feet and meters. All elevations are in feet and meters. All depths are in feet and meters.

Concluded on: 13 DEC 2018
Georgetown, South Carolina

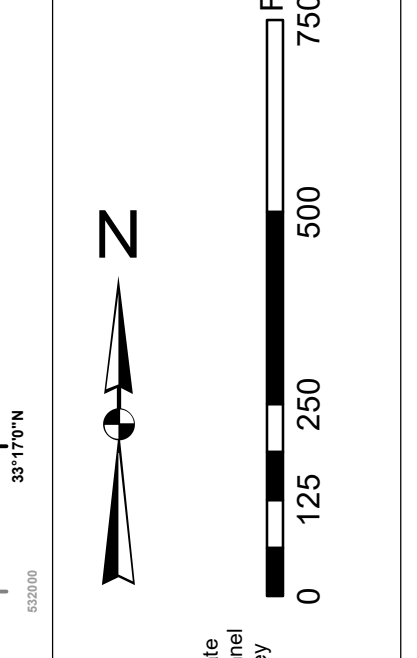
SHEET REFERENCE NUMBER
C001

SHEET 7 OF 13



In its use of the U.S. Army Corps of Engineers, Charleston District Office, Special Data Sheets to be used for project, contract, or other purposes, the District Office is not responsible for the accuracy of the data or information contained therein. The user of this data is advised that the data is provided for informational purposes only and is not intended to be used for navigation. The user of this data is advised that the data is provided for informational purposes only and is not intended to be used for navigation. The user of this data is advised that the data is provided for informational purposes only and is not intended to be used for navigation.

Production Notes:
1. This is a preliminary drawing.
2. All dimensions are in feet.
3. All bearings are true bearings.
4. All elevations are in feet above mean sea level.
5. All depths are in feet below mean high water.
6. All distances are in feet.
7. All bearings are true bearings.
8. All elevations are in feet above mean sea level.
9. All depths are in feet below mean high water.
10. All distances are in feet.

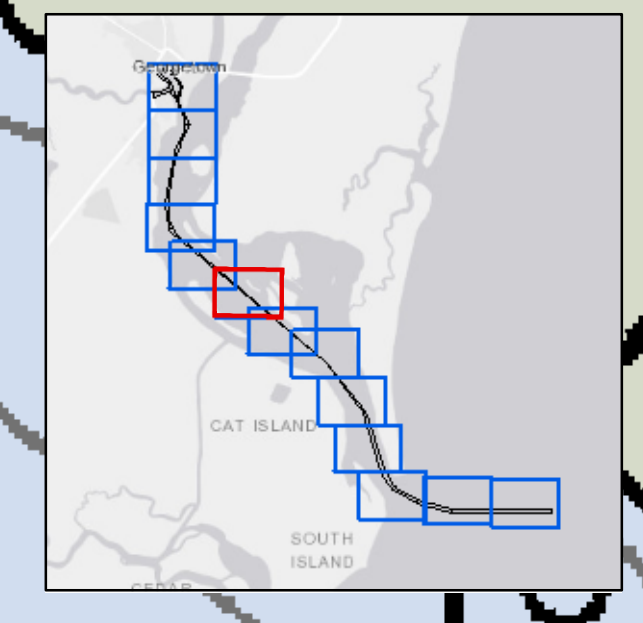
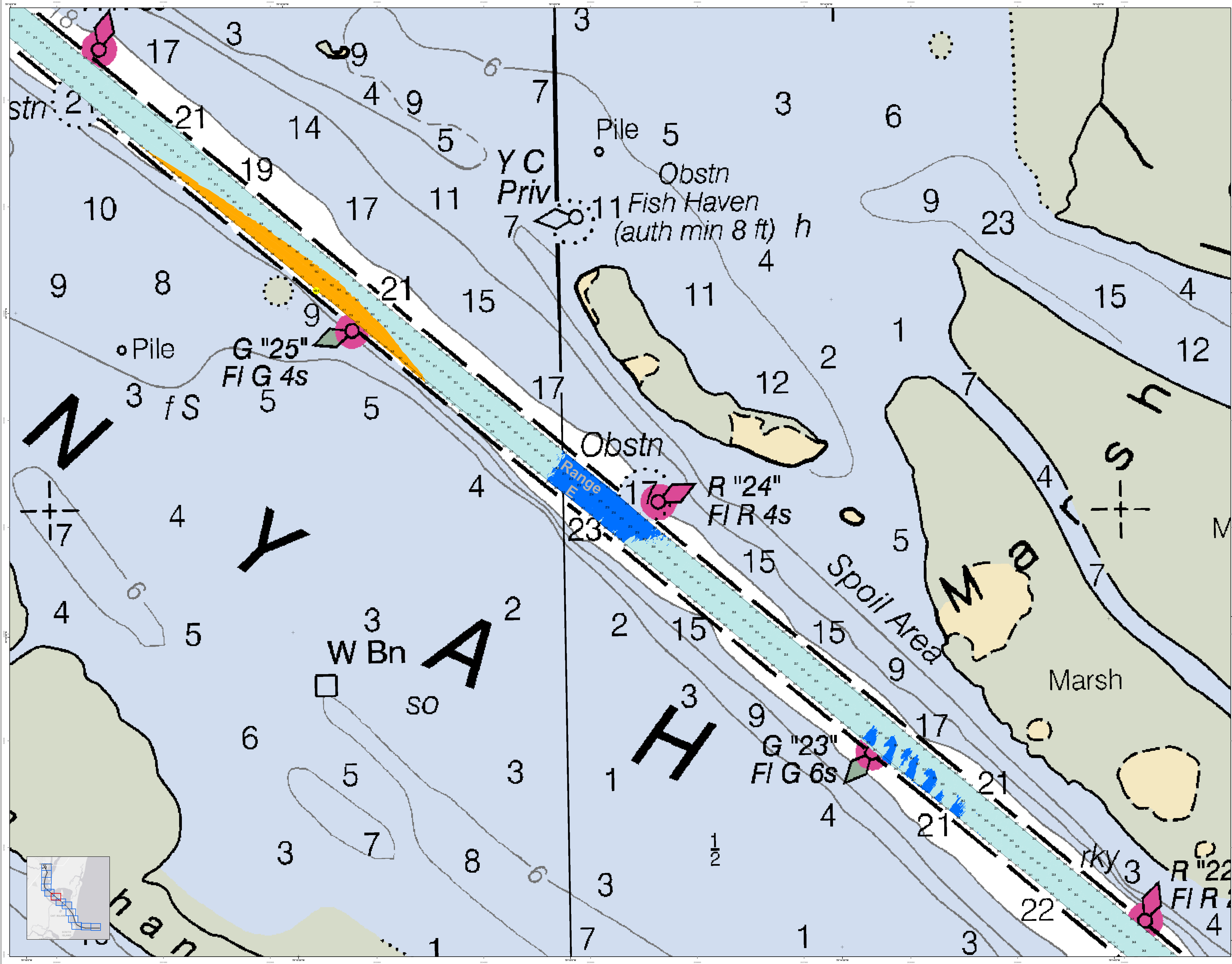


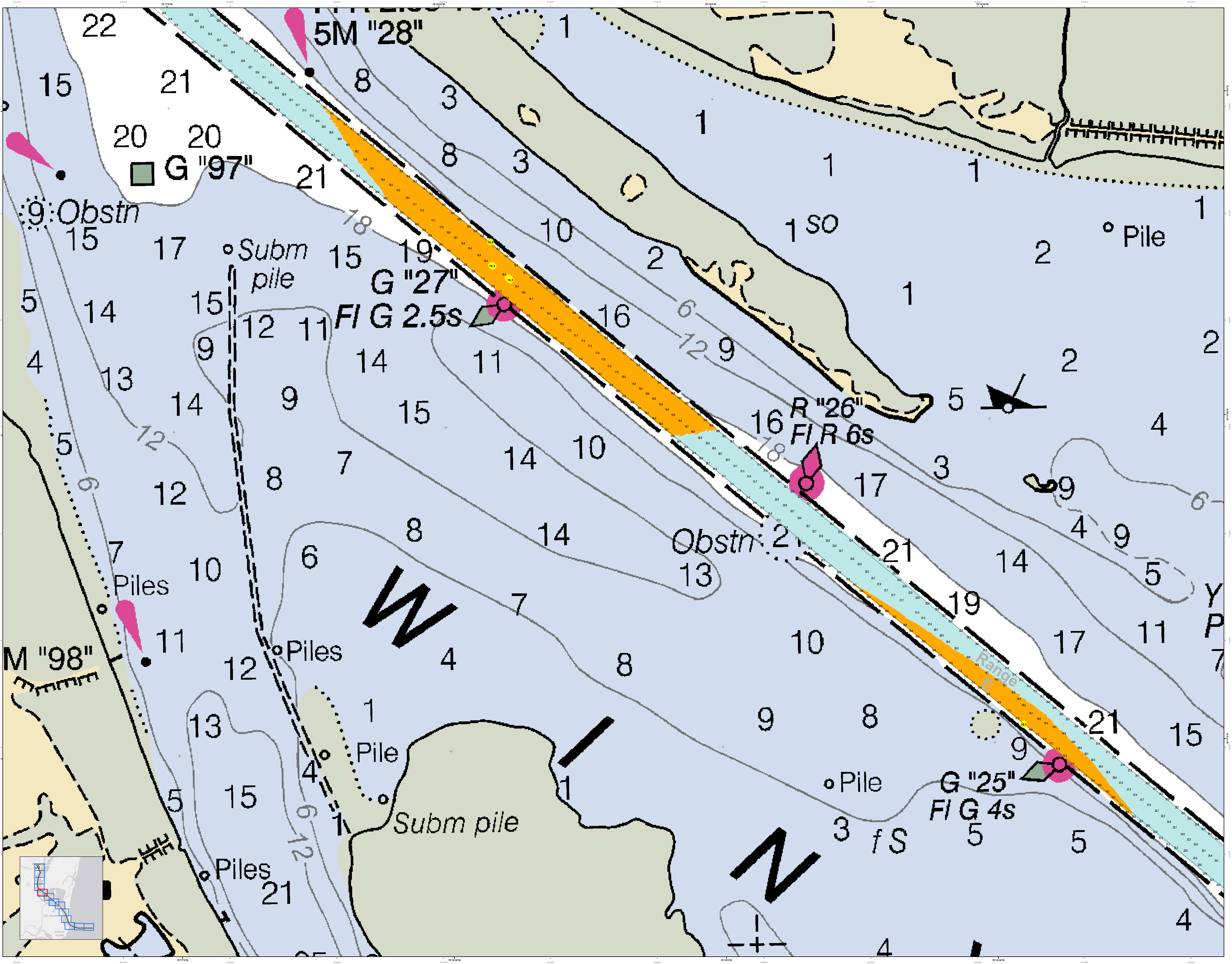
Symbol Legend:
1. Obstruction
2. Pile
3. Spoil Area
4. Marsh
5. Channel
6. Bank
7. Shoal
8. Sandbar
9. Rock
10. Shell
11. Gravel
12. Mud
13. Silt
14. Clay
15. Sand
16. Gravel
17. Rock
18. Shell
19. Gravel
20. Mud
21. Silt
22. Clay
23. Sand

Legend:
1. Obstruction
2. Pile
3. Spoil Area
4. Marsh
5. Channel
6. Bank
7. Shoal
8. Sandbar
9. Rock
10. Shell
11. Gravel
12. Mud
13. Silt
14. Clay
15. Sand
16. Gravel
17. Rock
18. Shell
19. Gravel
20. Mud
21. Silt
22. Clay
23. Sand

U.S. Army Corps of Engineers Charleston District Office Charleston, South Carolina	Designed By: Hydro Software v3.02	Survey Date: 13 DEC 2018	Production Date: 19 DEC 2018
SAVANNAH DISTRICT BRANCH BANKS ROAD CHARLESTON, SC 29405	Reviewed By: 1:50,000	Project Reference Number: P0000000	Scale: 1 inch = 258 feet
CESAC/SIS/USACE/ARMY/AVIL	Projection: NAD 1983 StatePlane South Carolina FIPS 3200 Feet	Survey Type: CONDITION	

Georgetown Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general location of the objects shown. It is not intended to be used for navigation.
Concluded on: 13 DEC 2018
Georgetown, South Carolina





U.S. Army Corps of Engineers
Charleston District

Georgetown Harbor Channel Survey
 The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general location of objects and structures. It is not intended to be used for navigation.

Produced on: 13 DEC 2018
 Georgetown, South Carolina

Legend

- Obstn: 2
- Subm pile
- Pile
- G "97"
- G "27"
- FI G 2.5s
- R "26"
- FI R 6s
- G "25"
- FI G 4s
- M "98"

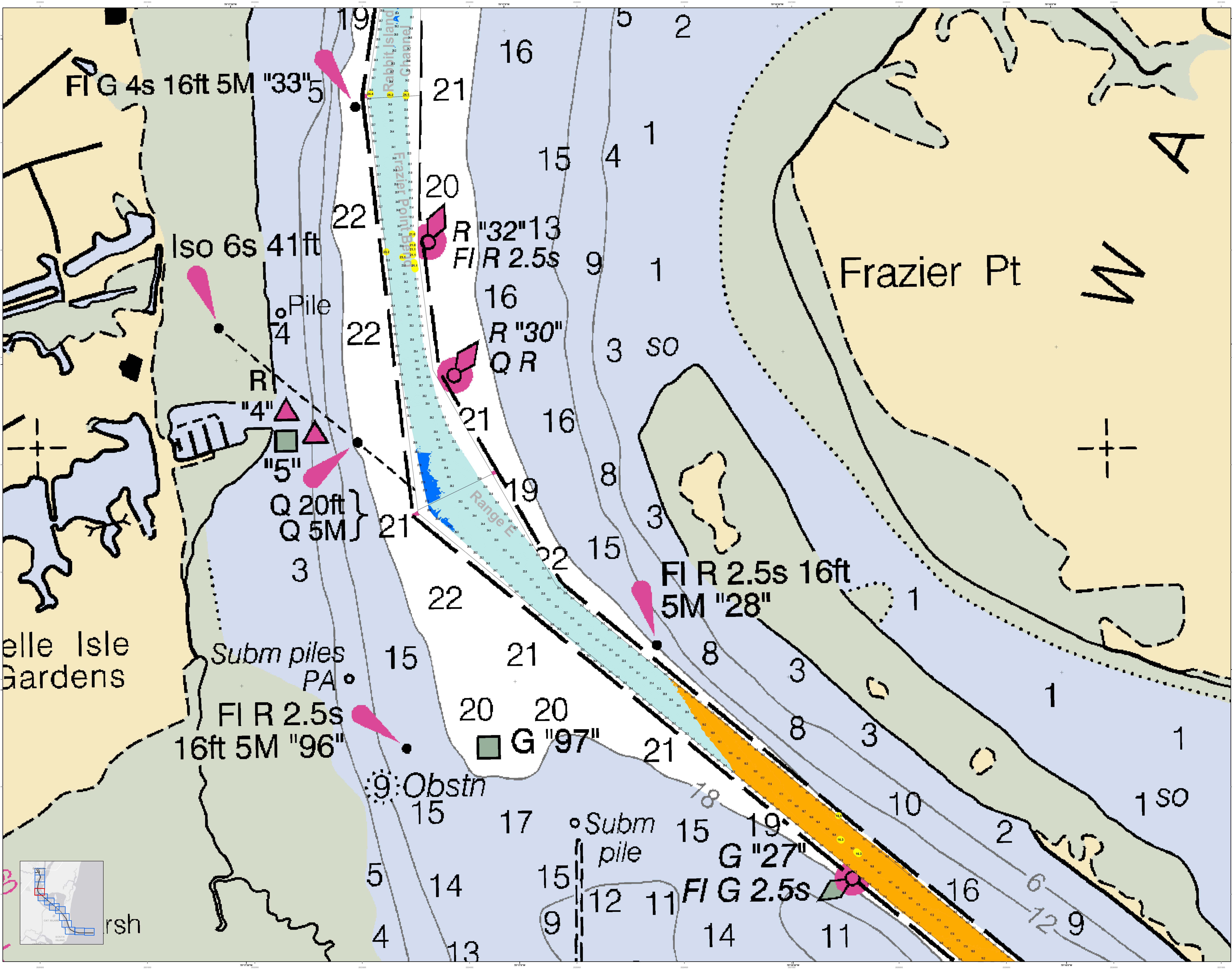
Scale
 1 inch = 258 feet

Projection
 NAD 1983 StatePlane South Carolina FIPS 3200 Feet

Designed By: J. B. ...
Reviewed By: ...
Scale: 1" = 258 feet

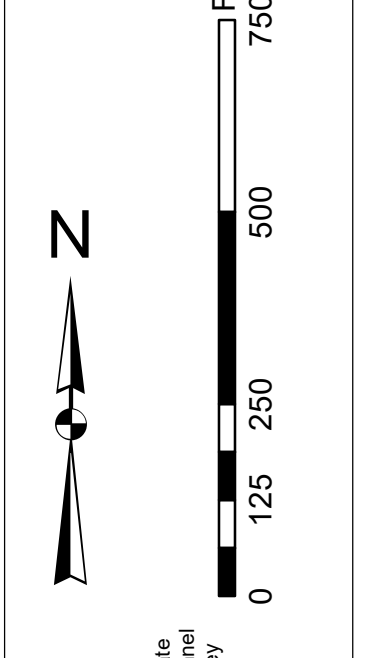
Production Date: 19 DEC 2018
Project Reference Number: ...
Survey Date: ...
Condition: ...

Sheet Reference Number: C001
Sheet 9 of 13



In the event that the U.S. Army Corps of Engineers, Charleston District Office, Special Data Sheets are used to print, publish, or otherwise disseminate this information, the user shall be responsible for obtaining all necessary permissions from the appropriate authorities. This information is provided as a service to the user and is not intended to be used as a substitute for any other information. The user shall be responsible for obtaining all necessary permissions from the appropriate authorities. This information is provided as a service to the user and is not intended to be used as a substitute for any other information.

Production Note:
1. This chart was produced using the latest available data.
2. The chart was produced using the latest available data.
3. The chart was produced using the latest available data.



Depth Soundings:
1. In fathoms (ft)
2. In meters (M)
3. In feet (ft)

Light Characteristics:
1. Light
2. Light
3. Light

Obstructions:
1. Obstruction
2. Obstruction
3. Obstruction

Legend:
1. Light
2. Light
3. Light

Designed By: Jeffrey S. Burt
Reviewed By: [Name]
Scale: 1 inch = 250 feet

Production Date: 13 DEC 2018
Project Reference Number: [Number]
Sheet Title: [Title]

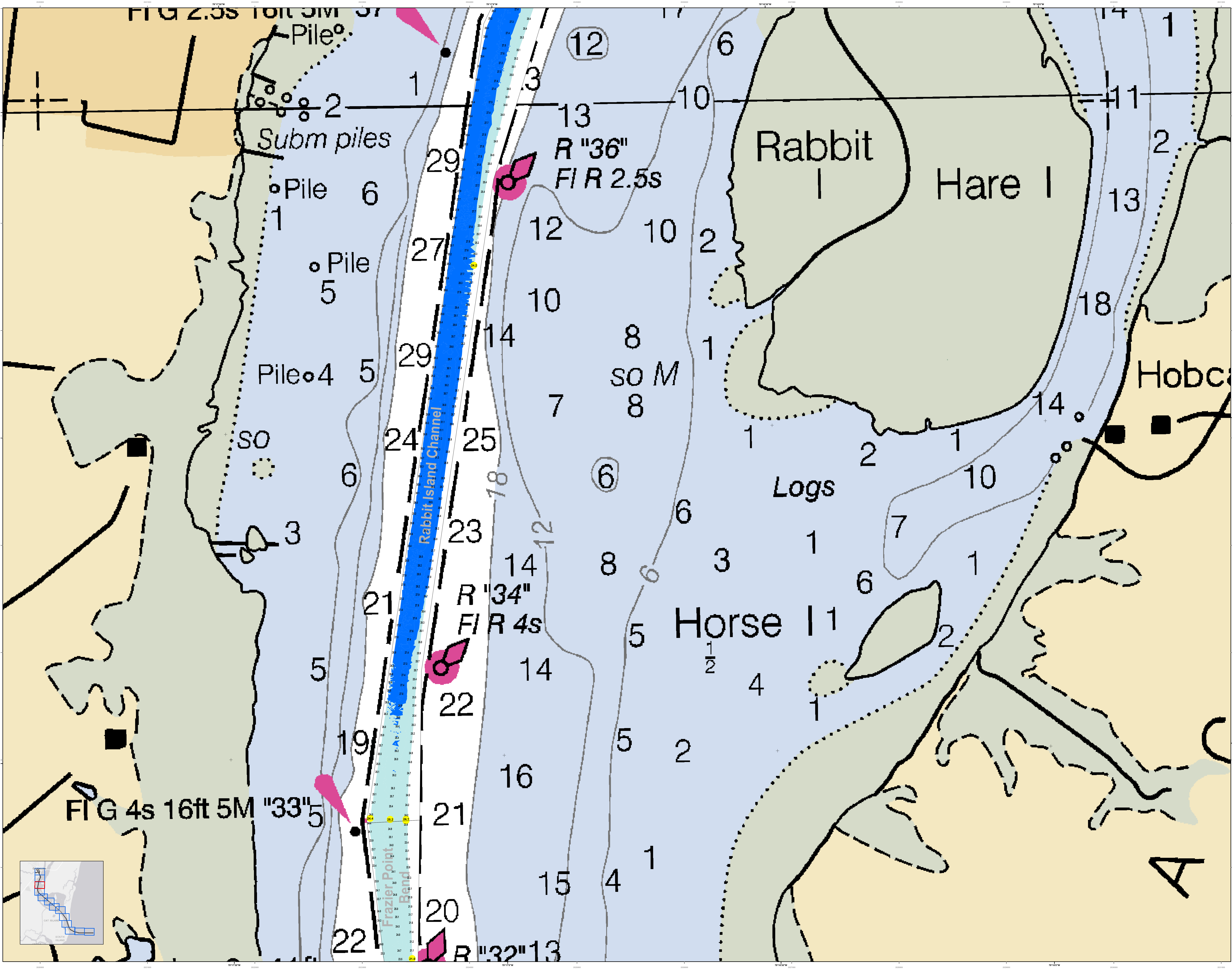
U.S. Army Corps of Engineers
Charleston District
Savannah Branch
Barracks 200
Charleston, SC 29405

Georgetown Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general location of the objects shown.

Concluded on: 13 DEC 2018
Georgetown, South Carolina

SHEET REFERENCE NUMBER:
C001

SHEET 10 OF 13



U.S. Army Corps of Engineers
Charleston District

Production Note:
This chart is a preliminary production. It is not to be used for navigation. It is intended for informational purposes only. It is not to be used for navigation. It is intended for informational purposes only. It is not to be used for navigation. It is intended for informational purposes only.

Hydrographic Note:
1. This chart is a preliminary production. It is not to be used for navigation. It is intended for informational purposes only. It is not to be used for navigation. It is intended for informational purposes only. It is not to be used for navigation. It is intended for informational purposes only.

Legend:

- Soundings: 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 27, 29
- Depth: 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 27, 29
- Obstructions: 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 27, 29
- Other: 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 27, 29

Scale: 1 inch = 258 feet

Production Date: 13 DEC 2018

Project Reference Number: 20180001D

Survey Date: 2018

Condition: CONDITION

Designed By: J. H. [Name]

Reviewed By: J. H. [Name]

Scale: 1 inch = 258 feet

Projection: NAD 1983 StatePlane South Carolina FIPS 3200 Feet

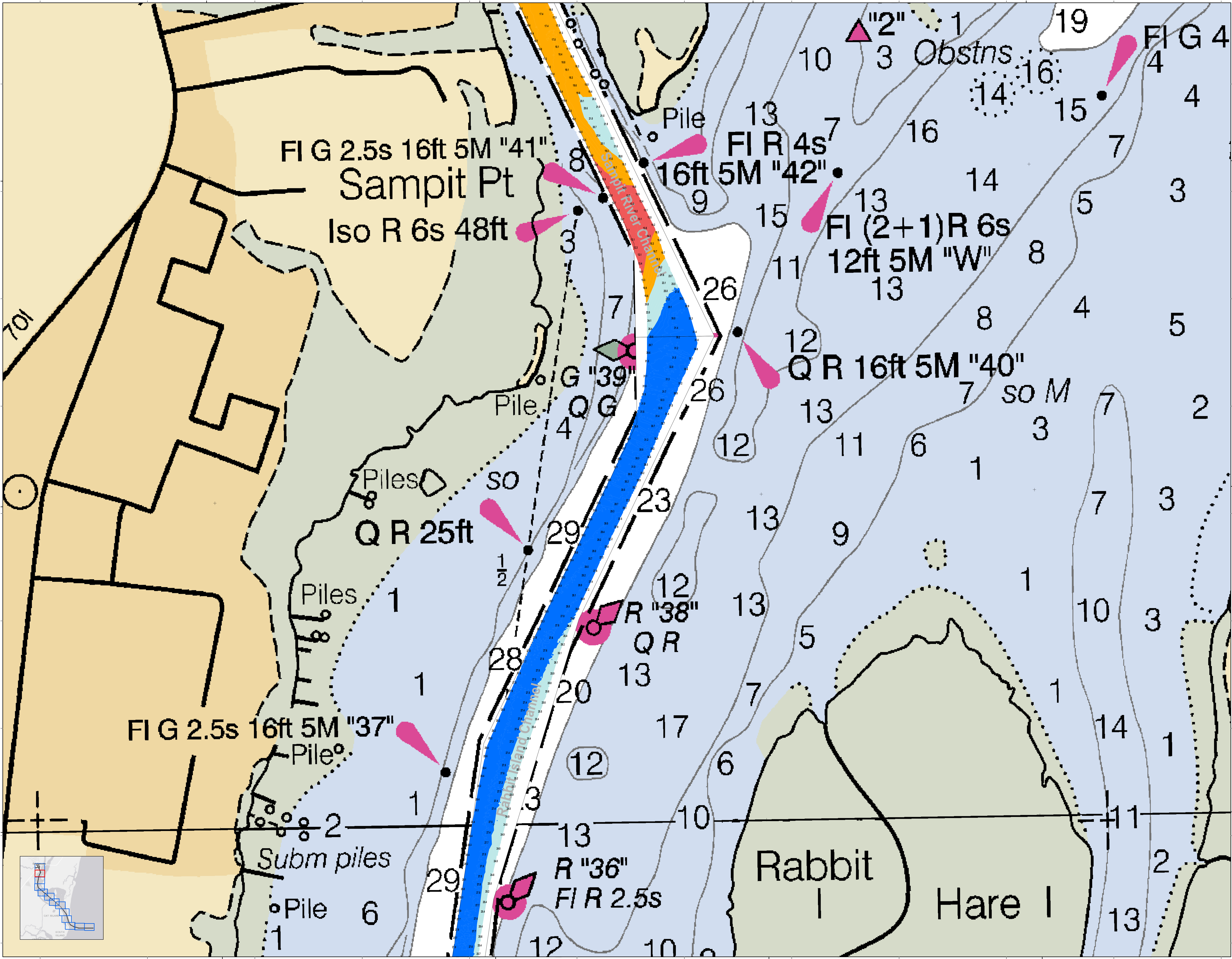
Georgetown Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general character of the bottom. It is not to be used for navigation. It is intended for informational purposes only. It is not to be used for navigation. It is intended for informational purposes only.

Concluded on: 13 DEC 2018

Georgetown, South Carolina

SHEET REFERENCE NUMBER: C001

SHEET 11 OF 13



U.S. Army Corps of Engineers
Charleston District

Production Note:
This chart was produced by the Charleston District Office, Charleston, South Carolina. It is based on the hydrographic data collected by the U.S. Army Corps of Engineers, Charleston District Office, and other sources. The data was collected during the period of 12/13/2018 to 12/19/2018. The chart is based on the data collected during the period of 12/13/2018 to 12/19/2018. The chart is based on the data collected during the period of 12/13/2018 to 12/19/2018.

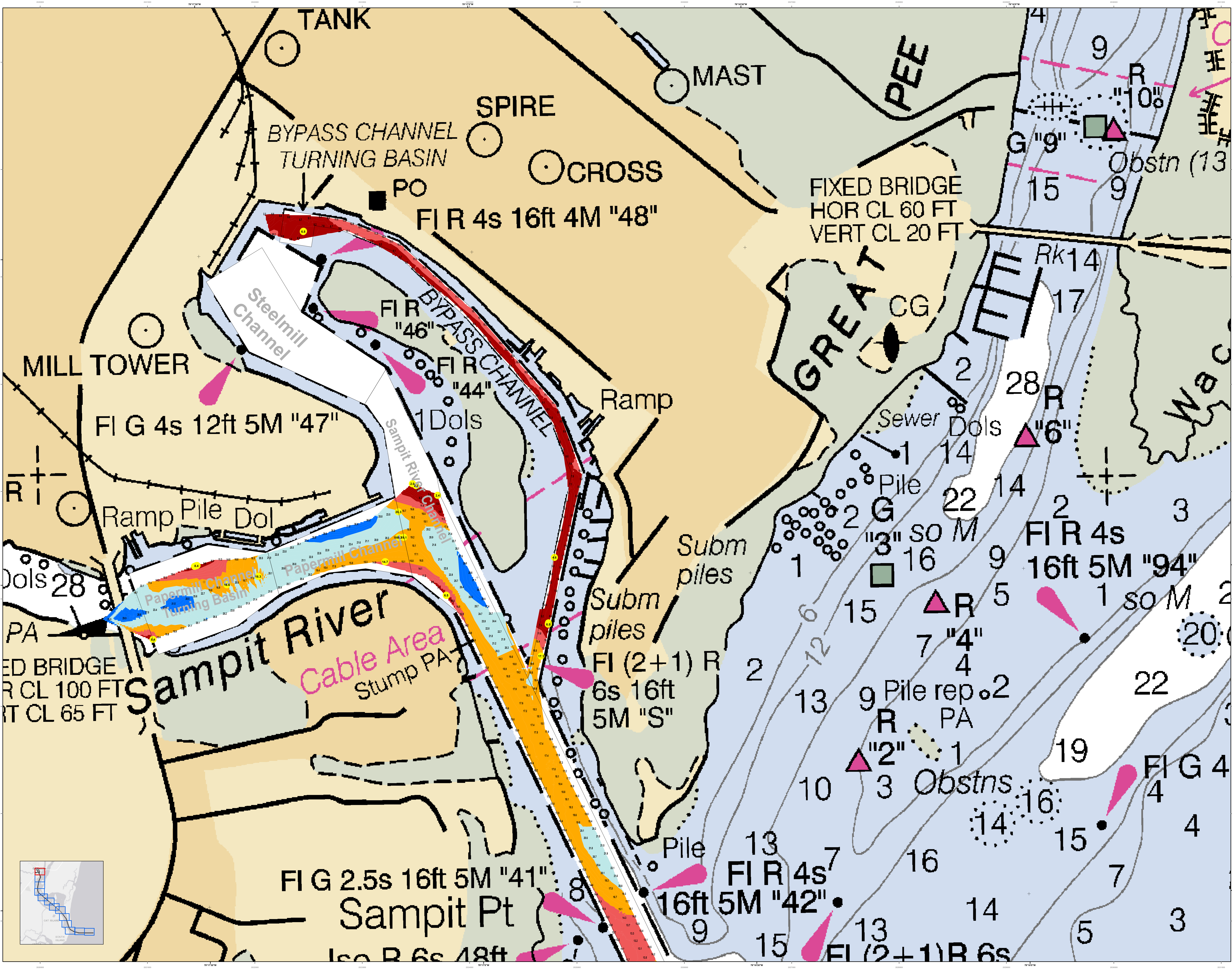
System Chart Note:
1. This chart is produced in accordance with the provisions of the U.S. Army Corps of Engineers, Charleston District Office, Charleston, South Carolina. It is based on the hydrographic data collected by the U.S. Army Corps of Engineers, Charleston District Office, and other sources. The data was collected during the period of 12/13/2018 to 12/19/2018. The chart is based on the data collected during the period of 12/13/2018 to 12/19/2018. The chart is based on the data collected during the period of 12/13/2018 to 12/19/2018.

Legend:
 - Soundings: Depth soundings in feet and meters.
 - Channel: Navigational channels.
 - Obstacle: Obstructions to navigation.
 - Pile: Piles.
 - Subm piles: Submerged piles.
 - Rabbit Hare I: Rabbit Hare Island.
 - Sampit Pt: Sampit Point.
 - Rabbit Island Channel: Rabbit Island Channel.
 - FIG: Figure Ground.
 - FI R: Figure Ground, Right of Way.
 - Iso R: Isochrone Right of Way.
 - Q R: Quarter Right of Way.
 - SO M: Soundings in Meters.
 - Obstns: Obstructions.
 - Pile: Piles.
 - Subm piles: Submerged piles.

Designed By:	Hydro Software v3.02	Production Date:	13 DEC 2018
Reviewed By:	1:50,000	Project Reference Number:	PC001
Scale:	1 inch = 258 feet	Survey Date:	CONDITON
Projection:	NAD 1983 StatePlane South Carolina FIPS 3200 Feet		

Georgetown Harbor Channel Survey
 The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general location of the objects shown. It is not to be used for navigation.
 Concluded on: 13 DEC 2018
 Georgetown, South Carolina

SHEET REFERENCE NUMBER
C001
SHEET 12 OF 13



U.S. Army Corps of Engineers
Charleston District

Production Notes:

- This map is a preliminary design.
- It is not intended for construction.
- It is not intended for use in any other project.
- It is not intended for use in any other project.
- It is not intended for use in any other project.

Legend:

- Channel Centerline
- Channel Edge
- Channel Bank
- Channel Bottom
- Channel Width
- Channel Depth
- Channel Slope
- Channel Cross Section
- Channel Elevation
- Channel Flow Direction
- Channel Obstruction
- Channel Structure
- Channel Marker
- Channel Datum
- Channel Reference
- Channel Stationing
- Channel Name
- Channel Number
- Channel Date
- Channel Author
- Channel Reviewer
- Channel Approver
- Channel Status
- Channel Version
- Channel History
- Channel Comments
- Channel Notes
- Channel Description
- Channel Purpose
- Channel Location
- Channel Scale
- Channel Units
- Channel Symbols
- Channel Colors
- Channel Fonts
- Channel Styles
- Channel Templates
- Channel Standards
- Channel Guidelines
- Channel Best Practices
- Channel Safety
- Channel Security
- Channel Privacy
- Channel Accessibility
- Channel Interoperability
- Channel Portability
- Channel Reliability
- Channel Availability
- Channel Performance
- Channel Efficiency
- Channel Effectiveness
- Channel Impact
- Channel Benefit
- Channel Value
- Channel Cost
- Channel Risk
- Channel Opportunity
- Channel Challenge
- Channel Solution
- Channel Innovation
- Channel Leadership
- Channel Excellence
- Channel Quality
- Channel Customer
- Channel Partner
- Channel Supplier
- Channel Vendor
- Channel Contractor
- Channel Consultant
- Channel Specialist
- Channel Expert
- Channel Authority
- Channel Credibility
- Channel Reputation
- Channel Trust
- Channel Loyalty
- Channel Commitment
- Channel Responsibility
- Channel Accountability
- Channel Transparency
- Channel Integrity
- Channel Honesty
- Channel Fairness
- Channel Justice
- Channel Equity
- Channel Inclusion
- Channel Diversity
- Channel Sustainability
- Channel Resilience
- Channel Adaptability
- Channel Flexibility
- Channel Scalability
- Channel Growth
- Channel Innovation
- Channel Leadership
- Channel Excellence
- Channel Quality
- Channel Customer
- Channel Partner
- Channel Supplier
- Channel Vendor
- Channel Contractor
- Channel Consultant
- Channel Specialist
- Channel Expert
- Channel Authority
- Channel Credibility
- Channel Reputation
- Channel Trust
- Channel Loyalty
- Channel Commitment
- Channel Responsibility
- Channel Accountability
- Channel Transparency
- Channel Integrity
- Channel Honesty
- Channel Fairness
- Channel Justice
- Channel Equity
- Channel Inclusion
- Channel Diversity
- Channel Sustainability
- Channel Resilience
- Channel Adaptability
- Channel Flexibility
- Channel Scalability
- Channel Growth

Georgetown Harbor Channel Survey
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general location of the channel and structures shown.

Georgetown, South Carolina
Concluded on: 13 DEC 2018

DESIGNED BY: U.S. ARMY CORPS OF ENGINEERS, CHARLESTON DISTRICT, CHARLESTON, SOUTH CAROLINA
PROJECT NUMBER: 13DEC2018
PROJECT TITLE: GEORGETOWN HARBOR CHANNEL SURVEY
SCALE: 1" = 250 FEET
PROJECTION: NAD 1983 StatePlane South Carolina FIPS 3200 Feet

SHEET REFERENCE NUMBER: C001
SHEET 13 OF 13