

CORRITUCK COUNTY FB# ~~521~~ 521

Corrituck
County

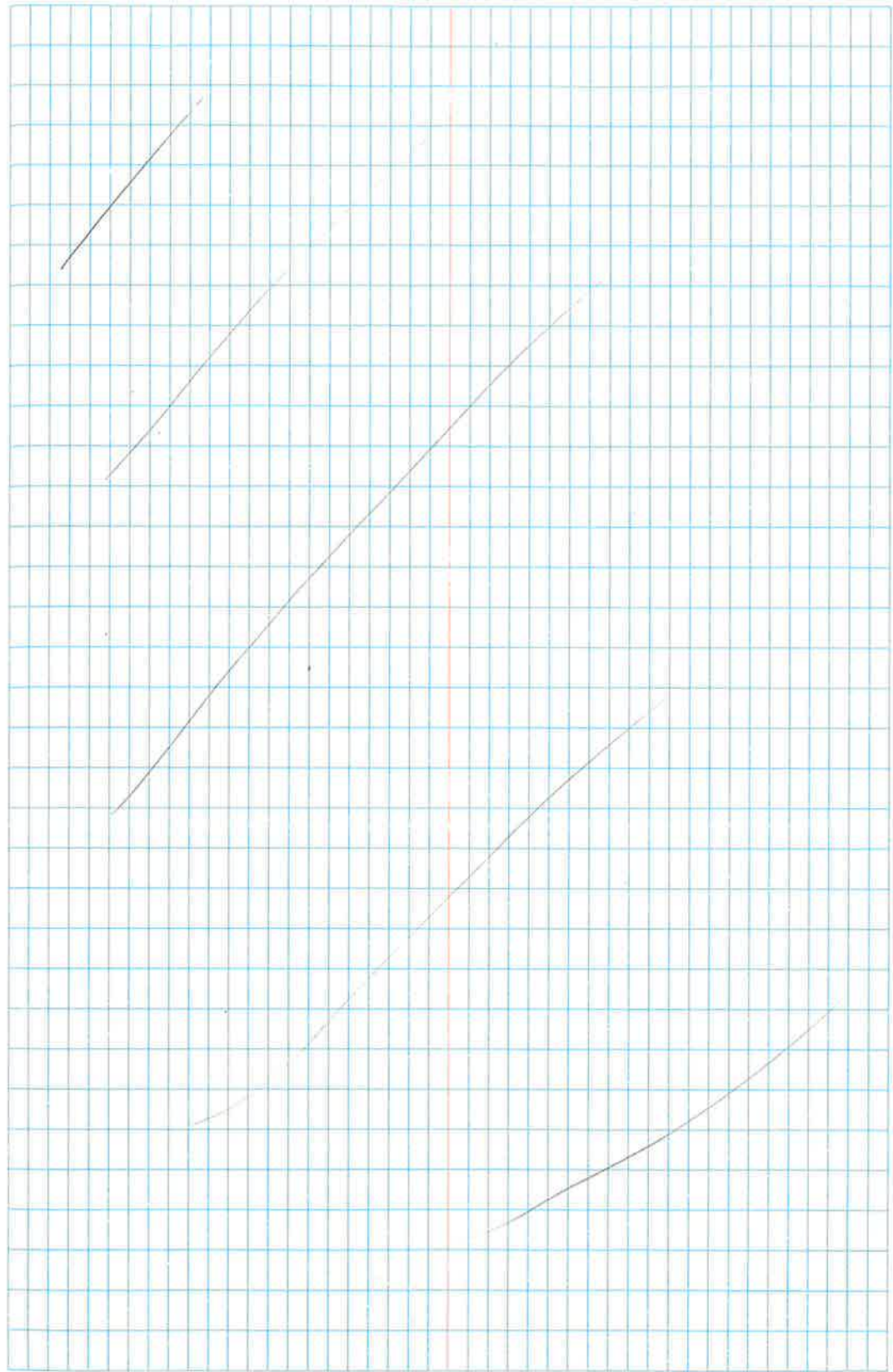


8418

FB # ~~521~~
521

~~11/11/11~~

9
2022
CURRY ROCK



05/13/22

CURRITUCK 22

PB

0630 Leave Hotel
 1200 Arrive @ Corolla
 1230 set Base @ Radio
 ↳ frequency: 464.75 MHz

1400 SODCHK @ RUN FRM RADIO
 FLD1 H 0.026 FLD2 H 0.036
 V 0.070 V 0.062

1420 SODCHK @ CAFFEY FRM RADIO
 FLD1 H 0.101 FLD2 H 0.072
 V -0.101 V -0.095

1520 SODCHK @ RUDY IRC FRM Radio
 FLD1 H 0.086 FLD2 H 0.093
 V -0.047 V -0.053

1630 SODCHK @ ship IRC w/VRS

↳ Best vertical was -0.224

1830 EOD CHK @ Run w/VRS
 FLD7 H 0.053 FLD8 H 0.077
 V 0.128 V -0.155

1835 EOD CHK @ CAFFEY w/VRS
 FLD3 H 0.050 FLD4 H 0.065
 V -0.059 V -0.056

Base: 4411
 Rover: 6237
 CONTROLLER C

* All CAR Batteries Are DEAD

→ Shot 2 OCPs and named them
 SWIP RESET OCP 1+2

→ Yes That vertical swing is correct
 (0.128 → -0.155)

05/14/22

Currituck 22

RW, JPB

0715 set Base @ Adriatic Photo # 3592, 3593
↳ 464.75 MHz

0745 SOD CHK @ Q 261 from Adriatic Photo # 3594
H: 0.101 H 0.105
V - 0.112 V - 0.114

1130 SET Base @ Bella IRC

1208 SOD CHK @ TEETER IRC from BELLA IRC
H 0.137 H 0.076
V - 0.114 V - 0.121

CPE Has Controller E + 6237

AFTIM Has Controller C + 2885

0930 Set Repeater @ Ship for check
@ Radio from Adriatic

photo #

0530 Base died

05/14/22

Curnlock 22

RW, JPB

CO01 Topo 1-112 WSND, SND, PATH, SND, VI, VZ, EOV, SND
EOV, VZ, EOV, SND, EOV
Photo # 3597-3599 DNF

CO03 TOPO 1-60 WSND, SND, COV, VI DNF

CO05 TOPO 1-72 WSND, SND, EOV, VI, VZ DNF

CO07 TOPO 1-129 WSND, SND, EOV, VI, VZ, VI, VZ, VI
EOV DNF

CO09 TOPO 1-108 WSND, SND, EOV, VI, VZ, VI, EOV DNF

CO11 TOPO 1-125 WSND, SND, EOV, VI, VZ, VI DNF

CO13 Topo 1-98 WSND, SND, EOV, VI DNF

CO15 Topo 1-83 WSND, SND, EOV, VI DNF

CO17 Topo 1-84 WSND, SND, EOV, VI, SND, VI DNF

CO19 Topo 1-80 WSND, SND, EOV, VI

CO21 TOPO 1-116 WSND, SND, EOV, VI, SND ROAD

* Topo 22 is EOV + After is SND
* Gap at Topo 98 b/c of dense veg

Photo # 3600-3602

SND after Topo 2

* After Topo 2 it's SND

* Disregard all EOV shots After 1st one

* SND After Topo 2

* GAP at 78-79 (New House)

* After Topo 101 (New Construction / Fresh Dirt work)

05/15/22

Currituck LZ

RW, JPB

0715 SFT Base @ Rudy OLP photo # 3603
↳ 464.75 MHz

* CPE got checks @ Coffey + Radio

0740 Drove to line 1120 + on standby for
boat arrival

Base: 4411
AFTIM: 2885
CPE: 6237

* 1545 Boat took wave over their stern and
knocked their PC offline

1120 Starting Upland work to finish off day

5/15/22 Currituck 22 RW, JPB

- C119 Topo 500-532 SND, WSND, WL, W
- C117 Topo 500-557 SND, WSND, WL, W
- C115 Topo 500-569 SND, WSND, WL, W
- C113 Topo 500-588 SND, WSND, WL, W
- C111 Topo 500-592 SND, WSND, WL, W
- C109 Topo 500-562 SND, WSND, WL, W

WATER ↑

UPLANDS ↓

- C07 Topo 1-58 WSND, SND, EOV, VI, Bwalk, Grass, Road
- C109 Topo 1-58 WSND, SND, EOV, VI, conc, Road
- C111 Topo 1-37 WSND, SND, EOV, VI
- C113 Topo 1-28 WSND, SND, EOV, VI, V2, V3, conc, Road
- C115 Topo 1-35 WSND, SND, EOV, VI, V2, Grass, Road
- C117 Topo 1-38 WSND, SND, EOV, VI, V2, VI, conc

- P# 3604-3606 * Change rod height to 12.04 for all shots
- P# 3607-3609 * ↑
↳ Rod Snapped @ EOL
- P# 3610-3612
- P# 3613-3615 * Look for bad shots in water (high shots)
- P# 3616-3618 * Look for bad shots in water (high)
- P# ~~3619~~ 3619-3621 * A few high bad shots

- Topo 25 is EOV & Everything After is VI
→ Gap @ 48-49 (Boardwalk)
- * Gap at 55 (house) (DNF MON)
↳ Change line # in controller from C105 to C109
- Gap @ 26-27 (House)
↳ Change conc and road to 6.32
- * Gap @ 29-30 due to house
- * Gap @ 36-37 (house)

5/15/22

Currituck 22

R.W., JPB

C119 Topo 1-46 WSND, SNO, EOU, V1, V2, Grass, Conc

* Topo 70 is EOU

5/16/22

Currents 22

R.W., JPB

0730 Set base at ship OCP

0820 SDC.H.K. @ Radio from ship IRC

H: 0.047 H: 0.012

V: 0.122 V: 0.143

*CPE got checks at runway and radio

*Change Point Name from Tector IRC to Radio FLD

5/16/22

Conv. 22

RW, JPB

C117 Topo 600-612 W

C115 Topo 600-620 W

C107 Topo 500-571 SND, WSND, WL, W

C105 Topo 500-556 SND, WSND, WL, W

C103 Topo 500-569 SND, WSND, WL, W

C101 Topo 500-556 SND, WSND, WL, W

C99 Topo 500-557 SND, WSND, WL, W

C97 Topo 500-558 SND, WSND, WL, W

C95 Topo 500-573 SND, WSND, WL, W

C93 Topo 500-554 SND, WSND, WL, W

* Clean up 117

* Clean up 115

* Tide shot 10:23

↳ P# 3622-3624

P# 3625-3627

P# 3628-3630

* Tide shot 11:30

P# 3631-3633

* Tide shot 12:30

P# 3634-3636

* WSND after 503

P# 3637-3639

* Tide shot 13:45

P# 3640-3642

P# 3643-3645

→ Did not finish (storm)

5/17/22

Corrituck 22

RW, JPB

0700 Set base at ship IRC

↳ 464.75 MHz

*CPE got checks at Adriatic and Q261

5/17/22

Currituck 22

RW, JPB

C93 Topo 555-561 W

C89 Topo 500-568 SND, WSND, WL, W

C87 Topo 500-570 SND, WSND, WL, W

C85 Topo 500-575 SND, WSND, WL, W

C83 Topo 500-565 SND, WSND, WL, W

C81 Topo 500-573 SND, WSND, WL, W

C79 Topo 500-603 SND, WSND, WL, W

C77 Topo 500-562 SND, WSND, W, WSND, WL, W

C75 Topo 500-555 SND, WSND, W, WSND, WL, W

* Finished line from yesterday
↳ P# 3646-3648* Controller C screen
cracked, switching
to controller B

* Tide @ 9:10

↳ P# 3649-3651

P# 3652-3654

P# 3655-3657 * Tide @ 11:05

↳ * Change 1st 5 shots from C085, 86, 87, 88
+ 89 to Topo 500-505

P# 3658-3661

P# 3662-3664 * Tide @ 12:47

P# 3665-3668 * Started on wrong azimuth, shot
right azimuth on way back

P# 3669-3671 * Tide @ 1:45

P# 3672-3674

CHECK ALL OF TODAY'S
"Measured From" box- I found it on "True Center
on Line C072- it should be bottom
of antenna mount

5/17/22

Camibuck22

RW, JPB

C73 Topo 500-556 SND, WSND, WL, W

C71 Topo 500-566 SND, WSND, WL, W

C69 Topo 500-567 SND, WSND, WL, W

C67 Topo 500-564 SND, WSND, WL, W

C65 Topo 500-573 SND, WSND, WL, W

P#3675-3677 * Tide @ 14:46

P#3678-3680

* Tide 1555 is a good shot

P#3681-3683

P#3684-3686

P#3688-3690 * Tide @ 5:15

5/18/22

Currituck 22

0700 Set Base @ Bella IRC

0810 SOD CHK @ TEETER IRC from Bella Reset OCP IRC

H 0.056

H 0.045

V 0.113

V 0.117

P#3694-3695

* I Accidentally moved Bella IRC a hair
on 5/15/22

↳ Shot Bella IRC Reset OCP

↳ CPE is checking Adriatic, Q2us,

↳ we are checking Teeter IRC

5/18/22

Curtituck 22

0700 Set Base @ Bella IRC

0810 SOD CHK @ TEETER IRC from Bella Reset OCP IRC

H 0.050

H 0.045

V 0.113

V 0.117

P#3694-3695

* I Accidentally moved Bella IRC a hair
on 5/15/22

↳ shot Bella IRC Reset OCP

↳ CPE is checking Adriatic, Q265,

← we are checking Teeter IRC

5/18/22

Currituck LZ

R.W., JPB

C079 Topo 650-659 W

UPLANDS

C022 Topo 1-118 WSND, SND, EOV, VI, SND, Grass, Gravel, SND,

SND ROAD,
VI

C023 Topo 1-129 WSND, SND, EOV, VI, Gravel, VI, SND ROAD

C024 Topo 1-112 WSND, SND, EOV, VI, SND, VI, SND ROAD

C025 Topo 1-149 WSND, SND, EOV, VI

C026 Topo 1-108 WSND, SND, EOV, VI, SND, VI

C027 Topo 1-153 WSND, SND, EOV, VI

C028 Topo 1-203 WSND, SND, EOV, VI, SND, VI

C029 Topo 1-116 WSND, SND, EOV, VI, SND, VI, SND, VI

C030 Topo 1-165 WSND, SND, EOV, VI, SND, VI

C031 Topo 1-130 WSND, SND, EOV, VI, SND, VI

C032 Topo 1-115 WSND, SND, EOV, VI, SND, VI

* Clean up on C79

* Bad wave conditions, moved to Uplands starting @ C022 moving South

↳ UPDATE: 1 crew is swimming (wave conditions improved)

* Topo 14-15 are bad shots → DNF

* Change Rod height from 12.94 to 13.04

↳ Gap @ Topo 83 (House)

DNF

DNF

* Topo 52 is Bad Shot

DNF

DNF

DNF

DNF

DNF

DNF * collapsed dune @ EOL

DNF

DNF

5/18/22

Corrituck LL

RW, JPB

C033 Topo 1-143 WSND, SND, EOV, VI

C034 Topo 1-159 WSND, SND, EOV, VI, SND, VI, SND, VI

C035 Topo 1-221 WSND, SND, EOV, VI, SND (*10 SND shots then change to VI), VI

C036 Topo 1-145 WSND, SND, EOV, VI, SND, VI, SND, VI

C037 Topo 1-132 WSND, SND, EOV, SND, VI, SND, VI, Gravel, Grass, SND, Gravel

C038 Topo 1-103 WSND, SND, EOV, VI, SND, VI, SNORoad, VI

C039 Topo 1-100 WSND, W, WSND, SND, EOV, VI, SND, VI, SND, VI, SND, VI, Gravel, SND, V2, Grass, SND

* Collapsed dune near EOL → DNF

DNF

DNF

DNF

* Gap @ Topo 113 (House) DNF

DNF

* Topo 14 should be SND

5/19/22

Currituck 02

RW, JPB

0645 Set base @ Bella IRC

5/19/22

Currituck 22

R.W., JPB

- C043 Topo 500-554 SND, WSND, WL, W
- C041 Topo 500-557 SND, WSND, WL, W
- C039 Topo 500-564 SND, WSND, WL, W
- C037 Topo 500-553 SND, WSND, WL, W
- C035 Topo 500-557 SND, WSND, WL, W
- C033 Topo 500-552 SND, WSND, WL, W
- C031 Topo 500-552 SND, WSND, WL, W
- C029 Topo 500-552 SND, WSND, WL, W
- C027 Topo 500-555 SND, WSND, WL, W
- C025 Topo 500-546 SND, WSND, WL, W
- C023 Topo 500-562 SND, WSND, WL, W
- C022 Topo 500-566 SND, WSND, WL, W
- C021 Topo 500-564 SND, WSND, WL, W
- C019 Topo 500-565 SND, WSND, WL, W
- C017 Topo 500-554 SND, WSND, WL, W
- C015 Topo 500-566 SND, WSND, WL, W

- P# 3696-3698 * Tide @ 0720 → should be 0710
- P# 3699-3701
- P# 3702-3704 * Tide @ 8:30
- P# 3705-3707
- P# 3708-3710 * Tide @ 9:25
- P# 3711-3713
- P# 3714-3716 * Tide @ 10:27
↳ * Change: C031-C039 to
C031 Topo 500-509
- ↳ P# 3717-3719.
- P# 3720-3722 * Tide @ 11:35
- P# 3723-3725
- P# 9479-9481 (Different camera) * Tide @ 12:40
↳ Other camera lost in
Ocean
- P# 9482-9484
- P# 9485-9487
- P# 9488-9492
- P# 9493-9495
- P# 9496-9498

5/19/22 Currituck 22

RW,JPB

C013 Topo 500-551 SND, WSND, WL, W

C011 Topo 500-557 SND, WSND, WL, W

C009 Topo 500-554 SND, WSND, WL, W

P# 9499-9501 *Tide @ 4:28

P# 9502-9504

P# 9505-9507

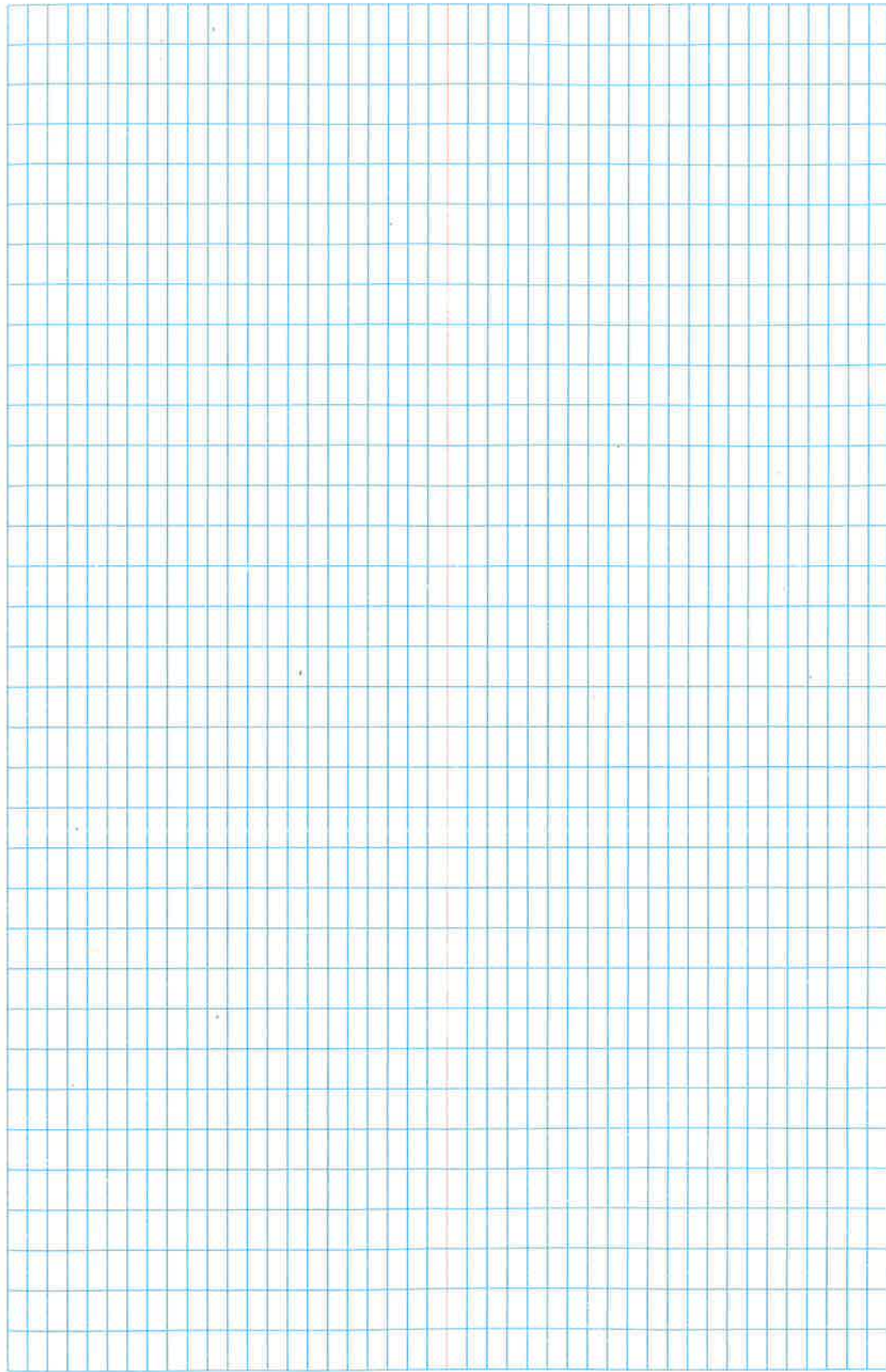
5/20/22

Cornituck 22

RW, JPB

0730 Set Base @ Bella OCP Reset

0810 First swim



05/20/22 Currituck 22 RW, JPB

C007 - Topo 500-558 ~~WSND~~ SND, WSND, WL, W

C005 Topo 503-556 SND, WSND, WL, W

C003 Topo 500-543 SND, WSND, WL, W

C001 Topo 500-547 SND, WSND, WL, W

C003 Topo 600-609 W

UPLANDS

C041 Topo 1-93 WSND, SND, EOU, VI, SND, VI, SND Road, VI, VI, V2, VI

C043 Topo 1-125 WSND, SND, EOU, VI, SND, VI, Grass, SND Road, VI, SND Road, VI

C045 Topo 1-107 WSND, SND, EOU, VI, SND, VI, V2, SND, VI, V2, VI, V2, VI, V2, VI

C047 Topo 1-102 WSND, SND, EOU, VI, V2, V3, V2, VI, V2, V3, SND, VI

C049 Topo 1-138 WSND, SND, EOU, VI, V2, VI, V2, VI, SND, VI, SND

C051 Topo 1-58 WSND, SND, EOU, VI, SND, VI, SND, VI

C053 Topo 500-555 WSND, SND, EOU, VI, SND, VI, SND, VI, V2

C055 Topo 1-73 WSND, SND, EOU, VI, SND, VI, V2, VI, V2

P# 9508-9512 *Change from Topo 500-558 to C007 Topo 500-C007 Topo 558

P# 9511-9513 *Tide @ 8:55

P# 9514-9517

P# 9518-9520 *Tide @ 10:11

*Finished line with longer rod *Tide @ 10:38

*Delete Topo 81 P# 9521-9523

P# 9524-9526

P# 9527-9529 *First VI is EOU

P# 9530-9532

P# 9533-9535 *Tide @ 13:37

P# 9538-9536

P# 9539-9542 *C053 Topo 500 ^{to Topo 555} on controller B is an upland
*Change Rod height from 8.32 to 8.04

*Change Antenna height from 8.32 to 8.04 for topo 1-5

P# 9543-9545

05/20/22

Currituck 22

RW, JPB

C057 Topo 1-107

USND, SND, EDV, VI, SVD, VI, SVD, VI, SVD, VI, SVD,
V2

C059 Topo 1-



Did not finish due to NO Radio @
End of Day

P# 9546-9548

* Tide @ 15:35 → Change 1/4
to V1

P# 9549-9551

05/21/22

Commitment 22

0730 Set Base @ Bella IRC

1922 EODCHK @ Adriatic with URS

H: 0.055

H: 0.060

V: -0.030

V: -0.034

1923 EODCHK @ Adriatic with RTK

H: 0.062

H: 0.090

V: 0.031

V: 0.025

1925 EODCHK @ Q261 with URS

H: 0.102

H: 0.124

V: -0.104

V: -0.075

1926 EODCHK @ Q261 with RTK

H: 0.040

H: 0.070

V: -0.031

V: -0.014

P# 9552-9553

* All work done with URS

5/21/22

Currituck 22

RW, JPB

- C063 Topo 1-53 WSND, SND, EOV, V1, V2, V1, Gravel, Grass, Mulch,
Grass, Road
- C065 Topo 1-52 WSND, SND, EOV, V1, V2, V1
- C067 Topo 1-51e WSND, SND, EOV, V1, V2, Grass
- C069 Topo 1-68 WSND, SND, EOV, V1, V2, Conc, Gravel, Grass,
Mulch, Grass, Road, Grades
- C071 Topo 1-49 WSND, SND, EOV, V1, V2, V1, Grass, Road, Grass
- C073 Topo 1-63 WSND, SND, EOV, V1, V2, V3, SND, Road, V3
- C075 Topo 1-55 WSND, SND, EOV, V1, V2, V3, V2, V1, Mulch, Grass,
Road
- C077 Topo 1-49 WSND, SND, EOV, V1, V2, V3, V2, V1, V3, Grass, Road
- C079 Topo 1-54 WSND, SND, EOV, V1, V2, V1, Mulch, Grass, Road
- C081 Topo 1-56 WSND, SND, EOV, V1, Grass, V1, Grass, V2, Road
- C083 Topo 1-44 WSND, SND, EOV, V1, V2, Grass, Road
- C085 Topo 1-65 WSND, SND, EOV, V1, Mulch, Gravel, Conc,
Road

P# 9554-9556 *Tide @ 9:10_1
* Gap @ 38 (house + Pine trees)

P# 9557-9559

P# 9560-9562 * Gap @ 50 V3 + Houses
* Change Topo 51e to 8.04 rod height

P# 9563-9565
* Gap (house) \rightarrow *Tide @ 10:30
 \rightarrow * Change Topo 68 to 8.04 rod height

P# 9566-9568

P# 9569-9571 * Switch all shots from Antenna Tree code
* last V3 is filling gap after EOL to
bottom of
antenna
mast

P# 9572-9574

* Fix Tide H/A from 1.5ft to 0.5ft
* V3 are offline due to dense brush

P# 9575-9577 * Gap @ 34 and 44 (Dense V3)

P# 9578-9580

P# 9581-9583 * Tide @ 13:13 \rightarrow Change rod height from
8.32-8.04

\rightarrow Change rod height from 8.32 to 8.04 before EOV

P# 9584-9586

P# 9587-9589

* Gap before mulch (V3)

5/21/02

Carr. track 22

RW, JPB

C087 Topo 1-90 WSND, SND, EOV, V1, V2, V3, V4, Grass,
Mulch, Road

C089 Topo 1-83 WSND, SND, EOV, V1, V2, V3, V4, V5, V6

*
C0891 Topo 1-61 WSND, SND, EOV, V1

C093 Topo 1-64 WSND, SND, EOV, V1, V2, V3, V4, V5

C095 Topo 1-63 WSND, SND, EOV, V1, V2, V3, V4, V5, Gravel,
V1, Road

C097 Topo 1-65 WSND, SND, EOV, V1, V2, Conc, V1, V2, Grass

C099 Topo 1-43 WSND, SND, EOV, V1, Conc, grass, Mulch

C101 Topo 1-78 WSND, SND, EOV, V1, V2, V3, V4

C103 Topo 1-72 WSND, SND, EOV, V1, V2, SND, V1, Road

C105 Topo 1-52 WSND, SND, EOV, V1, V2, V3, V4, V5, Conc

C106 Topo 1-56 WSND, SND, EOV, V1, V3, V1, V3, V1, V2

P# 9590 - 9592 * Gap @ 30 (V3 + Houses)

P# 9593 - 9595 * Thick Veg, limited access

P# 9596 - 9598 * C091 is accidentally called C0891

P# 9599 - 9601 * New Construction @ EOL

P# 9603 - 9605 * Gap @ 45 (V3)

P# 9606 - 9608 * Change Antenna height from 8.32 to 8.04
after conc
* House on line

P# 9609 - 9611 * Gap after 43 (house)

P# 9612 - 9614 * First shots are C101 - C119, then switch
to C103 Topo 100
↳ Change all to C101 Topo 1-78

P# 9615 - 9617 * data offset 2-3 ft b/c
boardwalk

P# 9618 - 9620

* Gap after Topo 46, (House / V3)

5/22/22

Corridor 22

RW, JPB

0730 Set Base @ Bella Reset OCP

0800 SOPCHK @ TEETER IRC from Bella Reset OCP

H: 0.128

H: 0.107

V: 0.021

V: 0.004

1030 Set Repeater 235 ft South of line COSZ

P#9621

5/22/22

Carristock 22

Rw, JPB

C001 Topo 300-316 VI, VZ, SND, VZ

C011 Topo 700-722 SND, WSND, WL

C011 Topo 300-304 VZ, SND

C013 Topo 700-718 SND, WSND, WL

C015 Topo 300-306 VI, VZ

C017 Topo 700-715 SND, WSND, WL

C019 Topo 700-717 SND, WSND, WL

C021 Topo 700-719 SND, WSND, WL

C022 Topo 700-713 SND, WSND, WL

C025 P# 9622-9624

C027 P# 9625-9627

C029 Topo 700-714 SND, WSND, WL

C031 P# 9631-9633

C033 P# 9634-9636

C035 P# 9437-9439

P# 9628-9630

5/22/22

Covington 22

R.W., JPB

C037 P# 9440-9442

C039 P# 9443-9445

C040 Topo 700-715 SND, WSND, W, WSND, WL

C041 Topo 700-714 SND, WSND, WL, SND

C042 Topo 700-713 EOV, SND, WSND, WL, W

C043 Topo 700-720 EOV, SND, WSND, WL

C066 Topo 300-307 Road, conc, Mulch

C067 Topo 300-308 VI, VB, Grass, Road

C078 Topo 700-708 SND, WSND, WL

SWAPPED TO VRS

- OUT OF RADIO RANGE -

C078 Topo 300-309 CONC, GRASS, VI

C001 Topo 900-811 EOV, SND, WSND, WL

C002 Topo 700-715 EOV, SND, WSND, WL

* Name of points is C001 Topo700, change to C002

↳ No space here!

5/23/22

Cumtuck 22

JPB

0720 Set Base @ Bella OCP Reset

0800 SOD CHK @ Adriatic

H 0.101

H 0.108

V -0.047

V -0.072

0810 SOD CHK @ Q261

H 0.073

H 0.089

V -0.079

V -0.092

1350 EOD CHK @ Adriatic Frm Bella

H 0.008

H 0.142

V -0.077

V -0.016

1355 EOD CHK @ Q261 Frm Bella

H 0.010

H 0.082

V -0.124

V -0.148

Profile ISSUES

Upland Checklist Currituck 2022

- ✓ Check gap @ EOL on C001 (Topo 98) ✓
- ✓ Reshoot bottom of Second Downhill dune C015 ✓
- ✓ EOL @ C011 (w 350 + after)
- ✓ Reshoot 50 to -10 on Station C111
- ✓ Reshoot C117 from 200 - 200
- ✓ C066 Reshoot 0 to -150
- ✓ C067 V3 houses Gap
- ✓ C098 Points @ EOL shot under house
- ✓ C060 Shoot other side of Gap @ -50 ish
- ✓ C001 Reshoot hill between 550 + 400
- ✓ Shoot bottom of dune @ C100

Short line list of Above Tasks

~~C001~~ ~~C111~~
~~C011~~ ~~C117~~
~~C060~~
~~C066~~
~~C067~~
~~C098~~
~~C100~~

Overlap ISSUES

~~C011~~

* Call it Topo 700
+ I will associate it
with our swim data

~~C013~~

~~C017~~

~~C019~~

~~C021~~

AND 108 - 120

~~C023~~

~~C029~~

~~C040~~

~~C047~~

Photo Lines

~~25~~ ~~107~~

~~C042~~

~~27~~ ~~109~~

~~C043~~

~~29~~ ~~111~~

~~C078~~

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