



Nuclear Regulatory Commission
Exhibit # - SNC000046-00-BD01
Docket # - 05200011
Identified: 03/18/2009

Admitted: 03/18/2009
Rejected:

Withdrawn:
Stricken:

Exhibit SNC 000046

Savannah River Survey; Southeastern Marine (2008)

967000X

968000X

969000X

970000X

971000X

791000Y

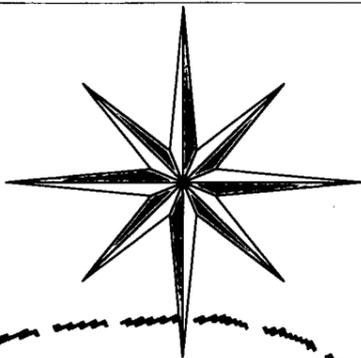
790000Y

789000Y

791000Y

790000Y

789000Y



St Augustine Creek

32° 10'

St M 22

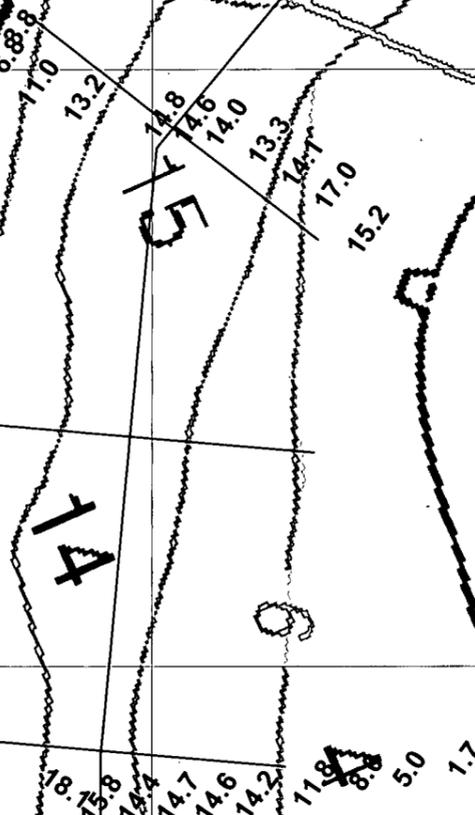
14

13

Piling

3

3



SAVANNAH RIVER

SOUTHEASTERN MARINE SURVEYING CO. INC.
220 BATTERY CIRCLE
SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
BRIDGE-ST M 22

SOUNDINGS ADJUSTED TO MEAN LOW WATER

SAVANNAH GEORGIA

| | |
|----------------|------------|
| VESSEL | OUR FILE # |
| MV BUTTER | HYD008010 |
| SUR'D 07-10-08 | |
| SHEET 1 OF 1 | |

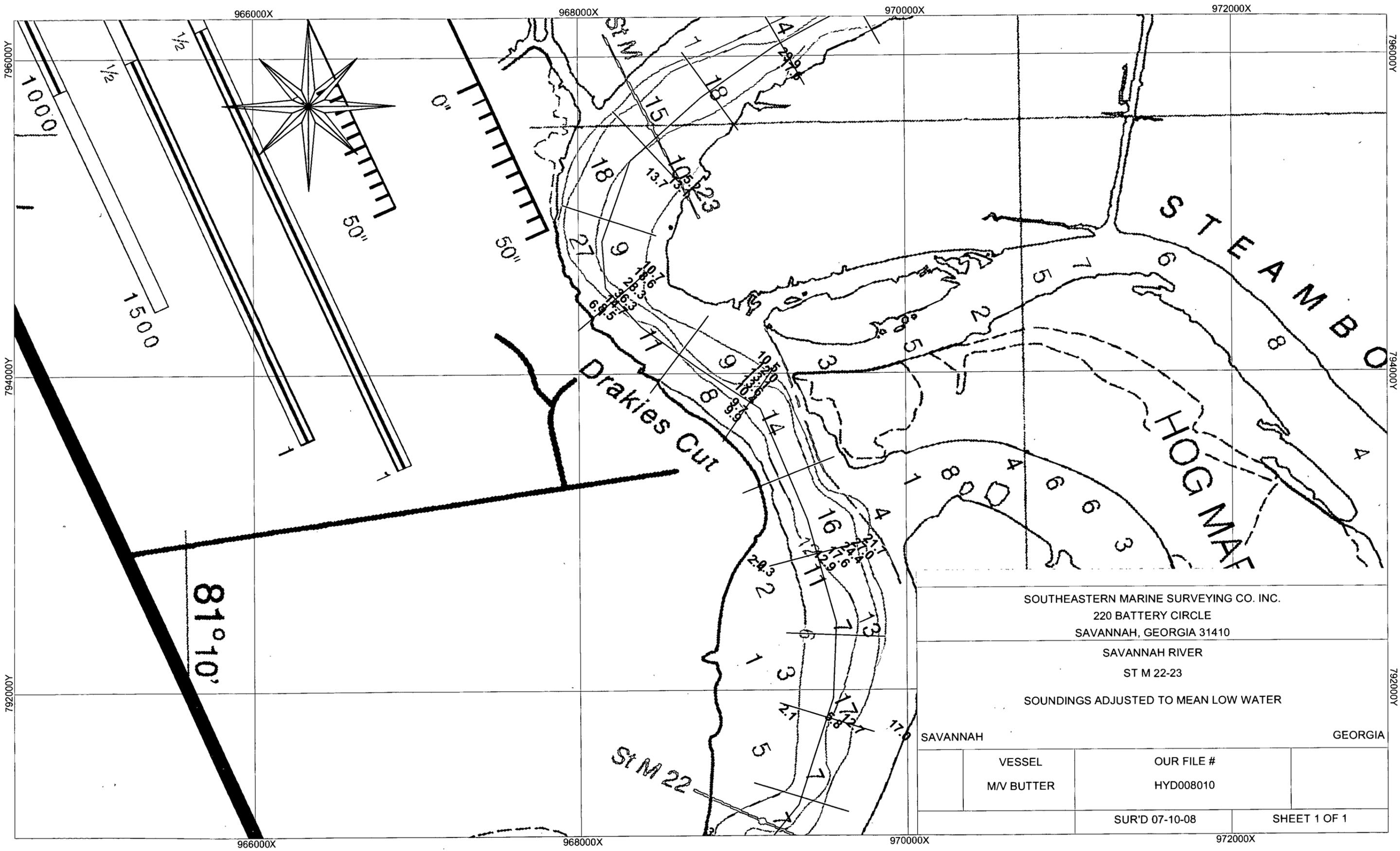
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970000X

971000X



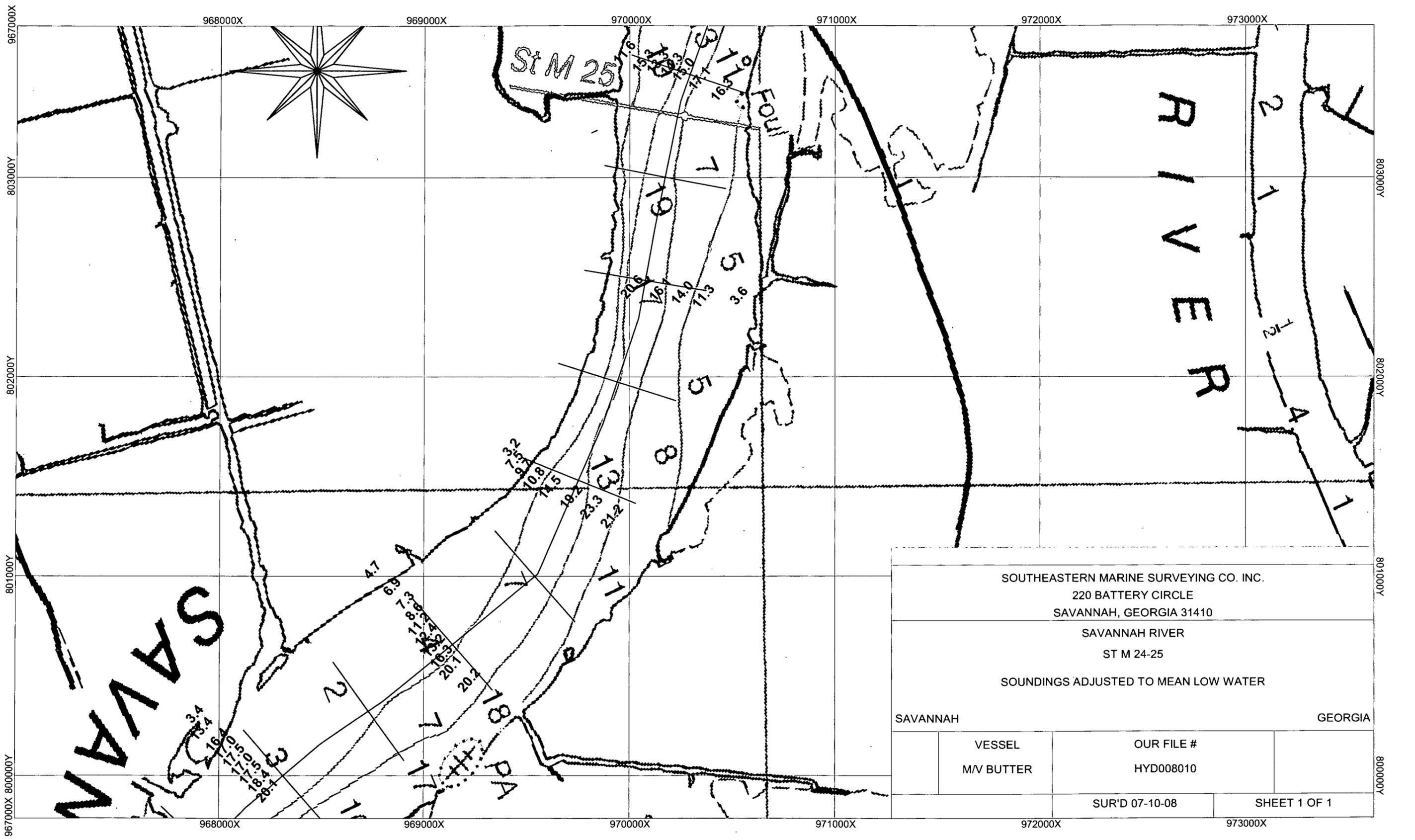
SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 22-23

SOUNDINGS ADJUSTED TO MEAN LOW WATER

SAVANNAH GEORGIA

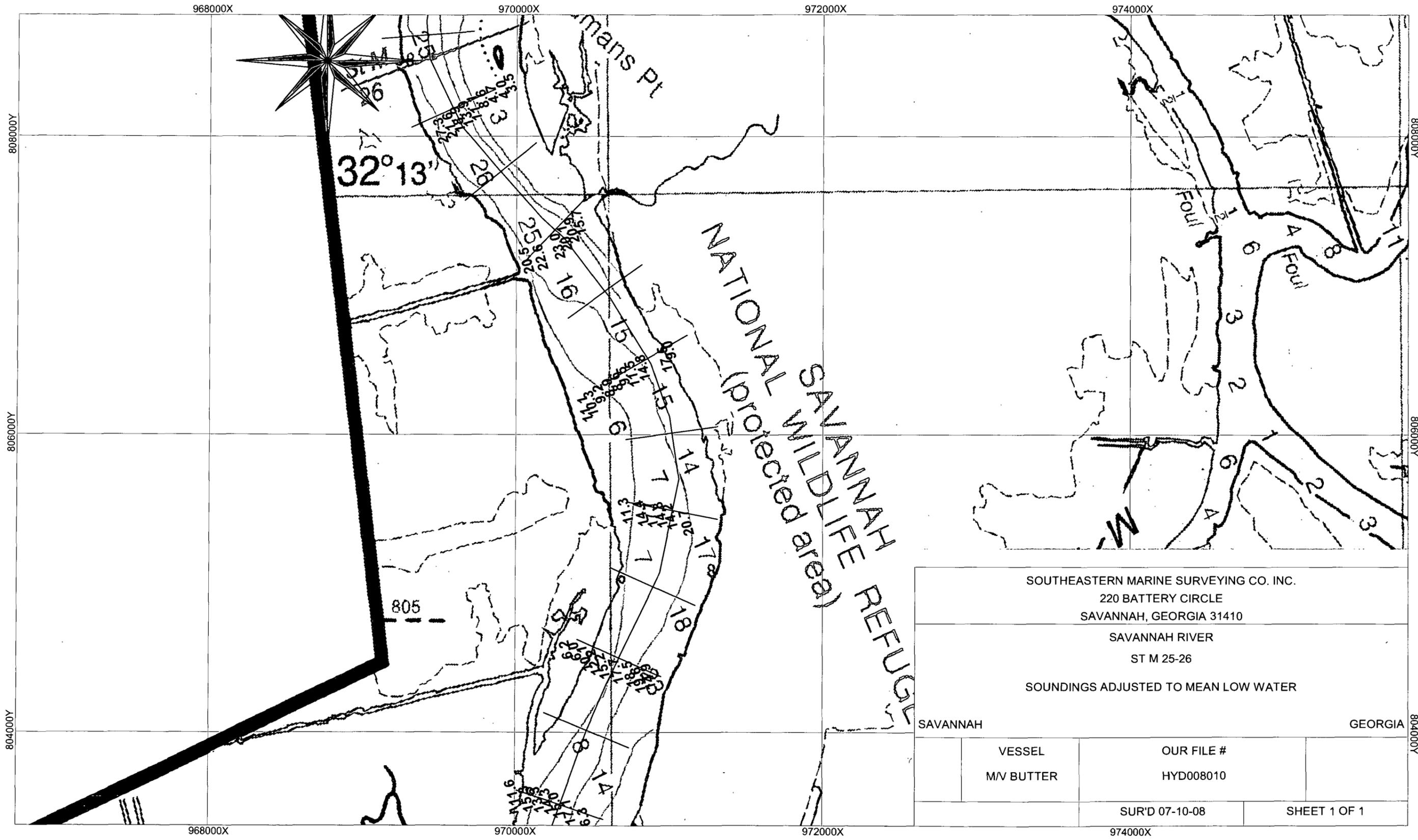
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| VESSEL | OUR FILE # | |
| M/V BUTTER | HYD008010 | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 |



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 24-25
 SOUNDINGS ADJUSTED TO MEAN LOW WATER

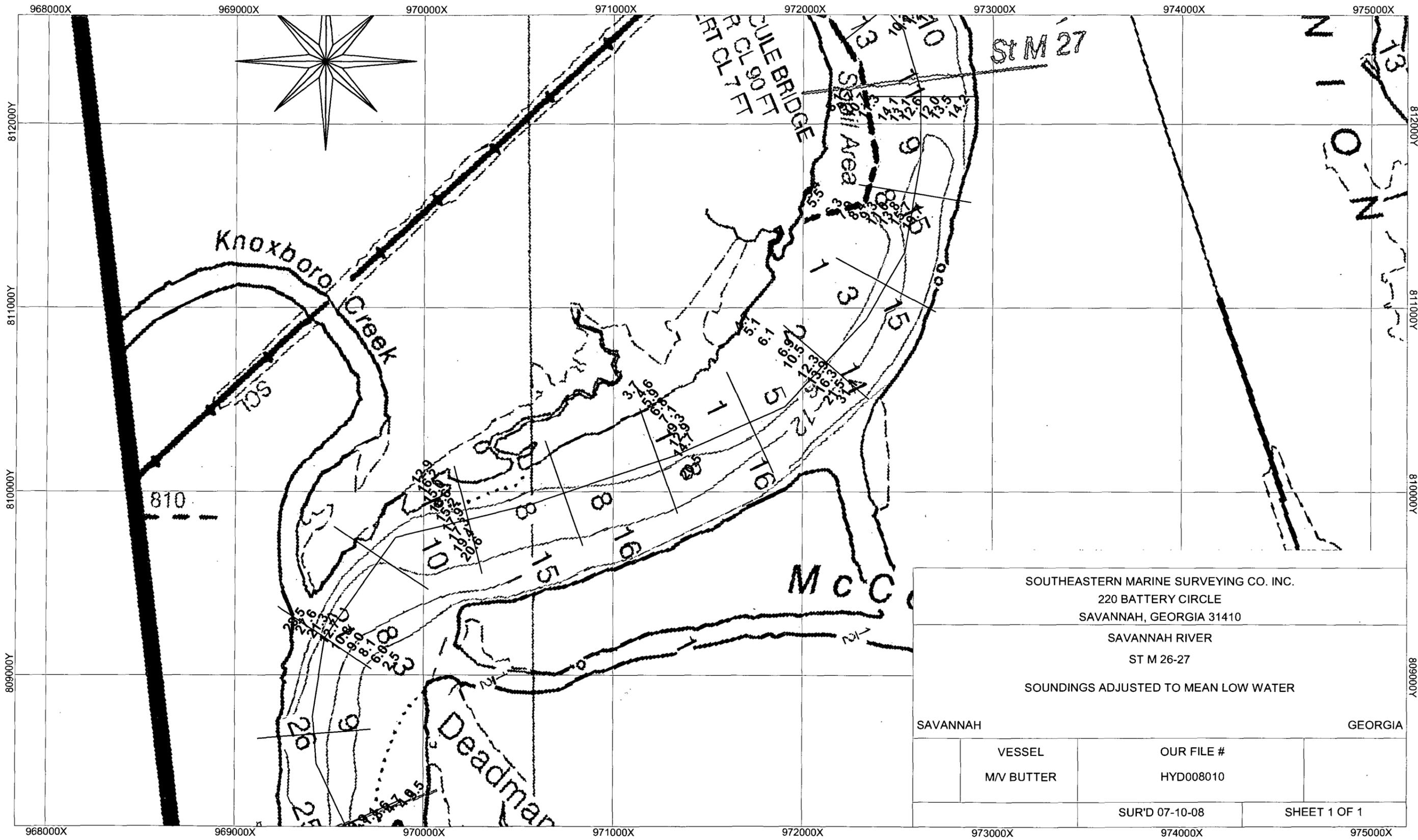
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| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 | |



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 25-26
 SOUNDINGS ADJUSTED TO MEAN LOW WATER

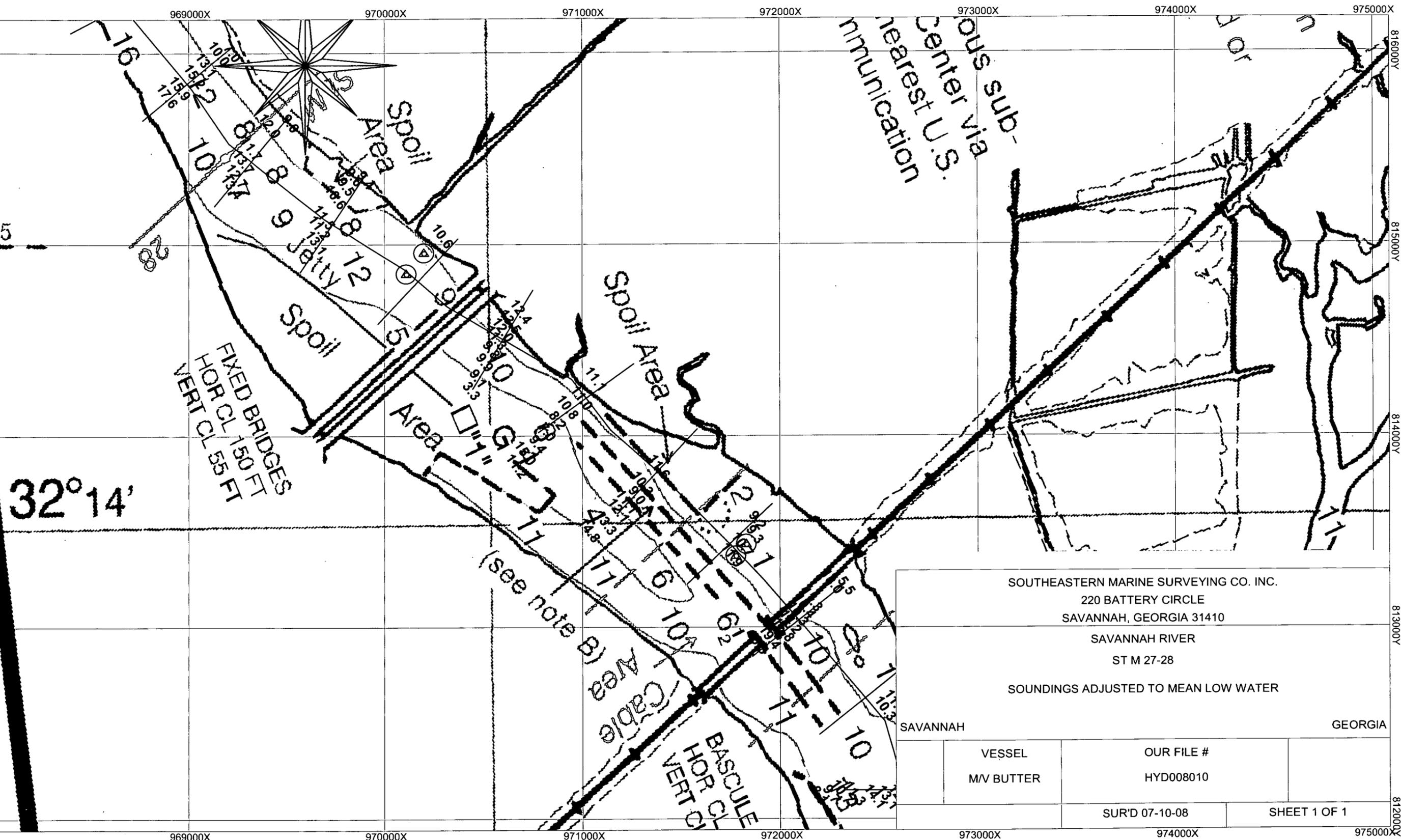
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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 | |



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 26-27
 SOUNDINGS ADJUSTED TO MEAN LOW WATER

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| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 | |

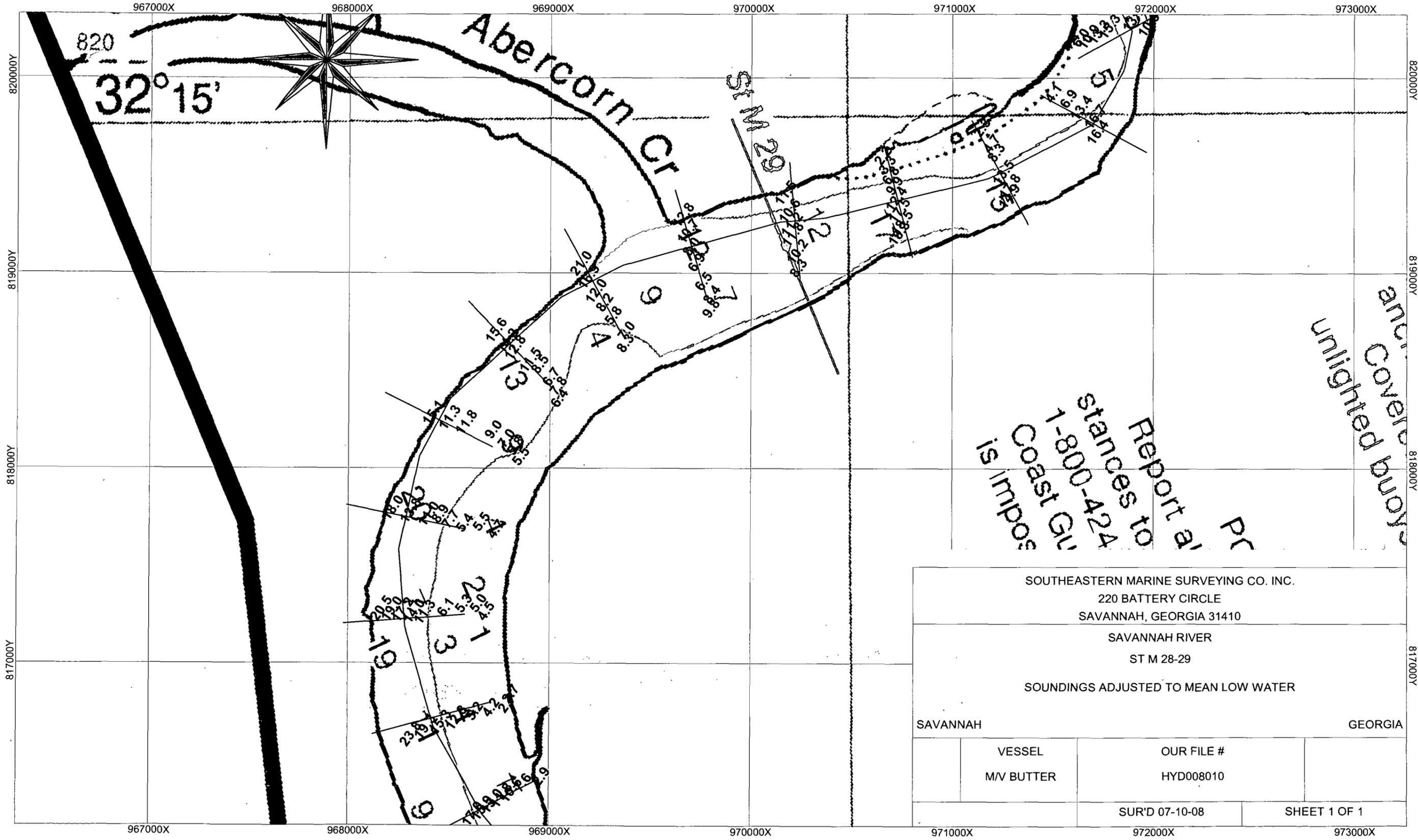


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 27-28

SOUNDINGS ADJUSTED TO MEAN LOW WATER

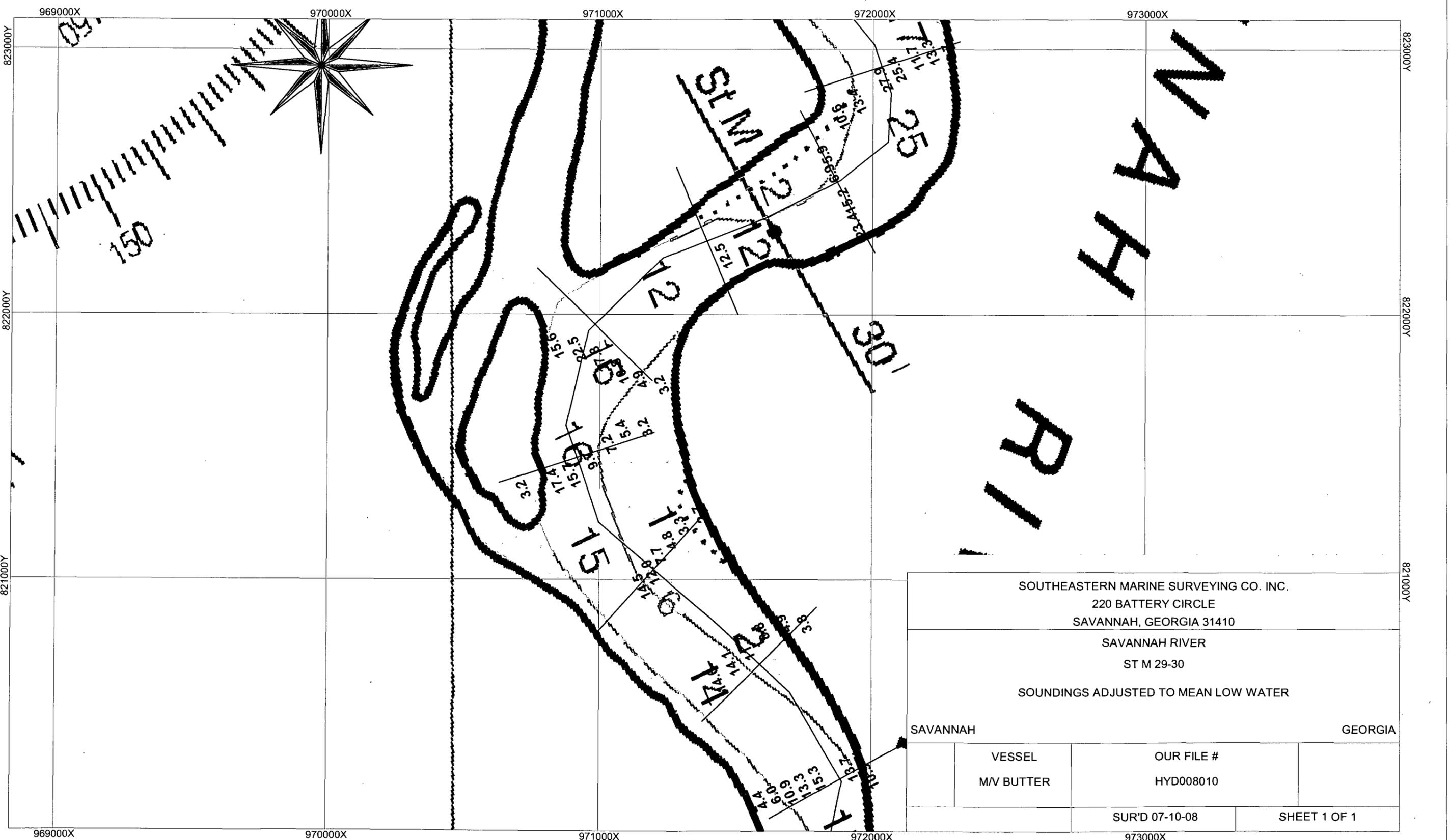
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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 | |



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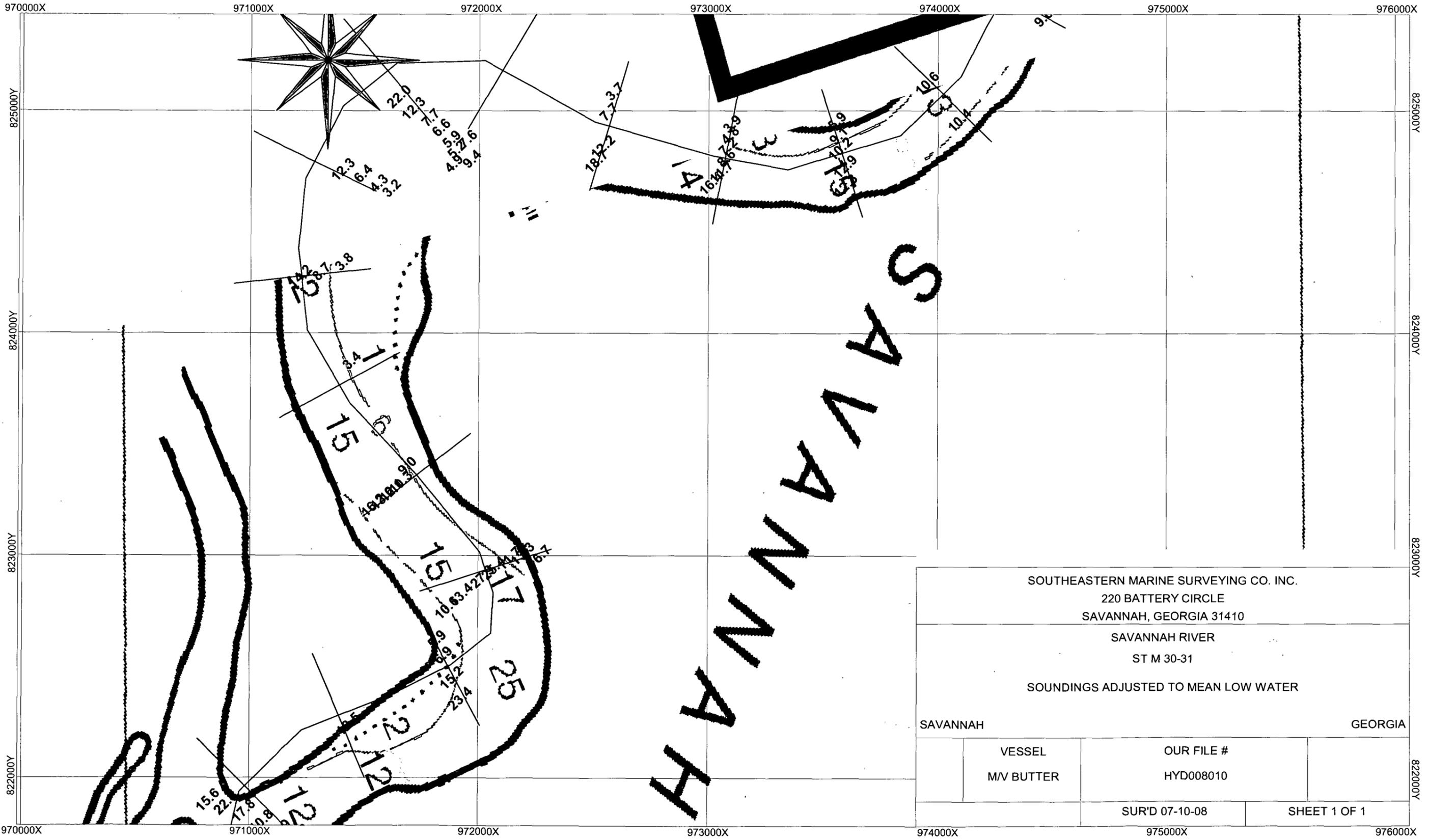
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|---|-------------------------|--------------|--|
| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 28-29 | | | |
| SOUNDINGS ADJUSTED TO MEAN LOW WATER | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL M/V BUTTER | OUR FILE # HYD008010 | | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 | |



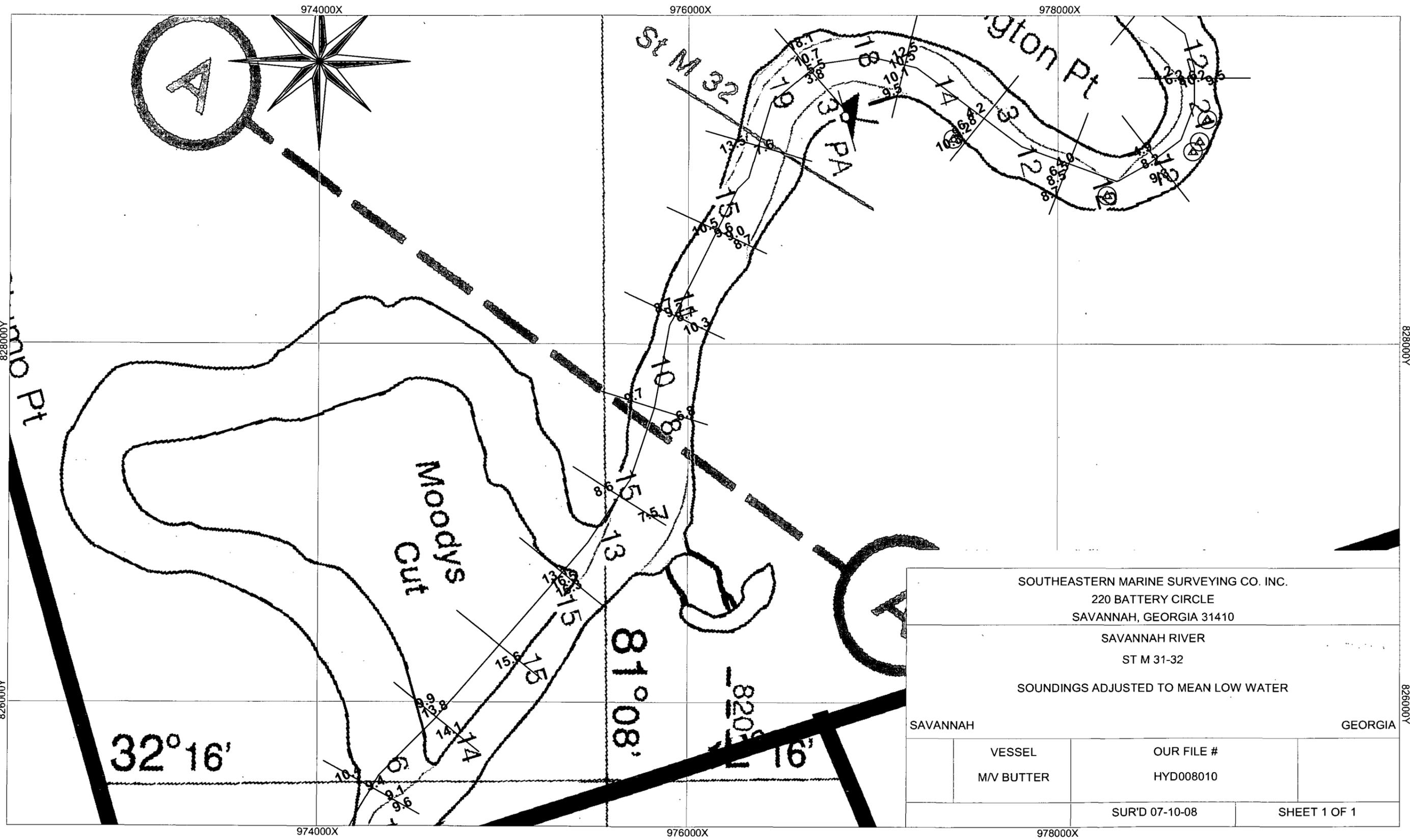
SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 29-30
 SOUNDINGS ADJUSTED TO MEAN LOW WATER

| | | | |
|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 | |



SAVANNAH

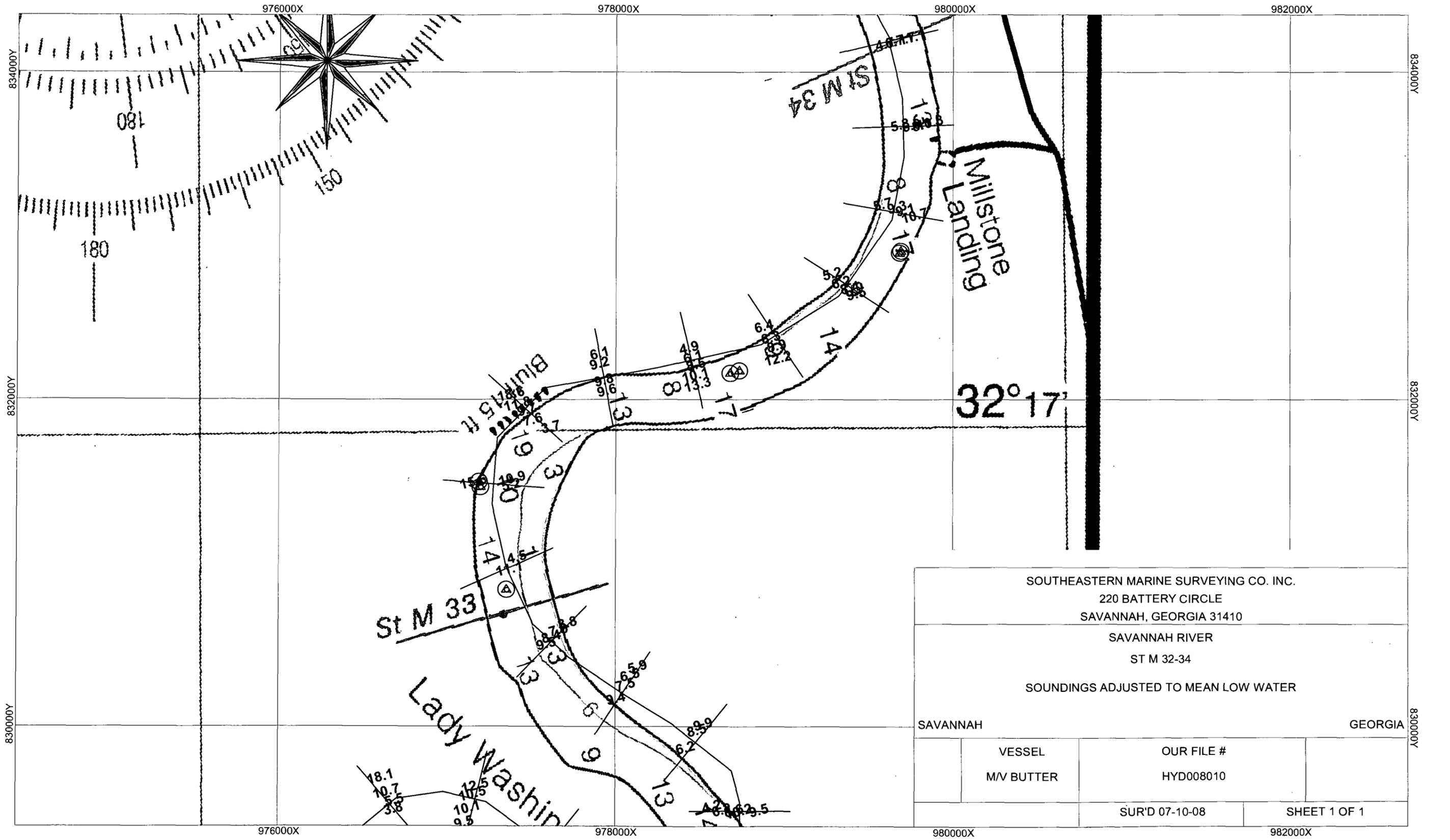


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 31-32

SOUNDINGS ADJUSTED TO MEAN LOW WATER

| | | | |
|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 | |



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 32-34
 SOUNDINGS ADJUSTED TO MEAN LOW WATER

| | | | |
|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 | |

976000X

978000X

980000X

982000X

838000Y

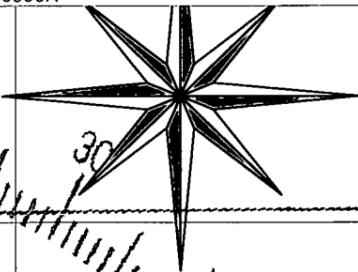
838000Y

836000Y

836000Y

834000Y

834000Y



(see note B)

SAVANNAH RIVER

St M 35

BLUFF 20 ft

32° 18'

Purysburgh

METRIC

15' W (2007)

INCREASE 4'

SOUTHEASTERN MARINE SURVEYING CO. INC.
220 BATTERY CIRCLE
SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
ST M 34-35

SOUNDINGS ADJUSTED TO MEAN LOW WATER

SAVANNAH

GEORGIA

VESSEL
M/V BUTTER

OUR FILE #
HYD008010

SUR'D 07-10-08

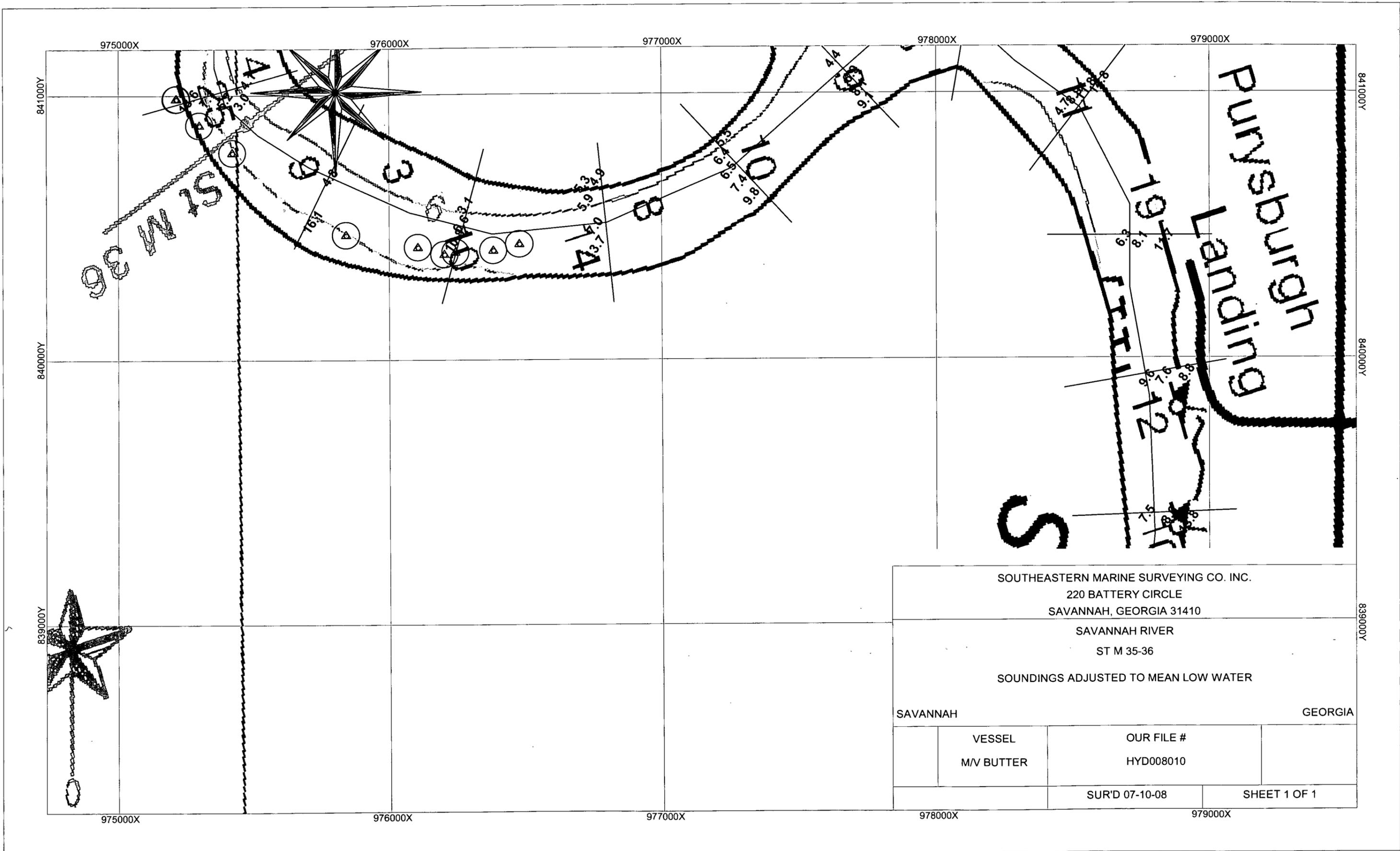
SHEET 1 OF 1

976000X

978000X

980000X

982000X



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 35-36

SOUNDINGS ADJUSTED TO MEAN LOW WATER

SAVANNAH GEORGIA

| | | |
|----------------|------------|--------------|
| VESSEL | OUR FILE # | |
| M/V BUTTER | HYD008010 | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 |

973000X

974000X

975000X

976000X

977000X

978000X

979000X

845000Y

844000Y

843000Y

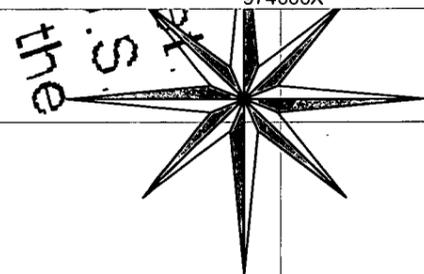
842000Y

845000Y

844000Y

843000Y

842000Y

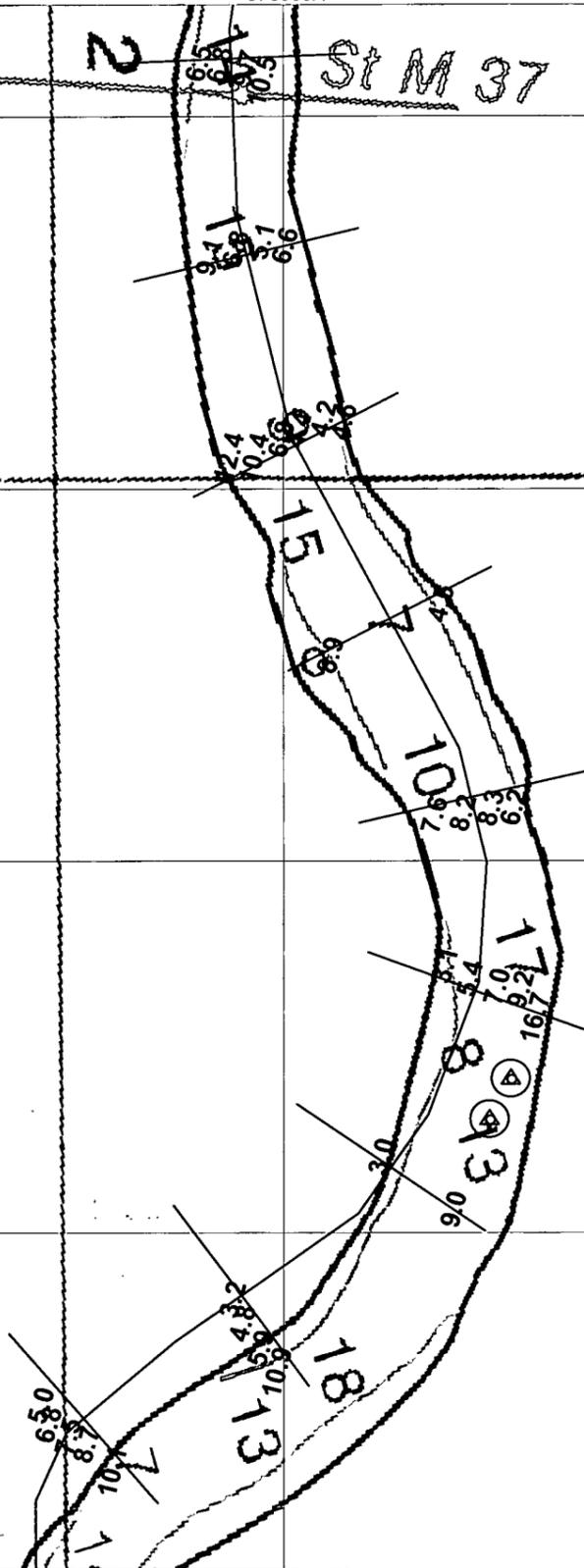


St M 37

845

32° 19'

Meyer Lak



SOUTHEASTERN MARINE SURVEYING CO. INC.
220 BATTERY CIRCLE
SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
ST M 36-37

SOUNDINGS ADJUSTED TO MEAN LOW WATER

SAVANNAH

GEORGIA

VESSEL
M/V BUTTER

OUR FILE #
HYD008010

SUR'D 07-10-08

SHEET 1 OF 1

973000X

974000X

975000X

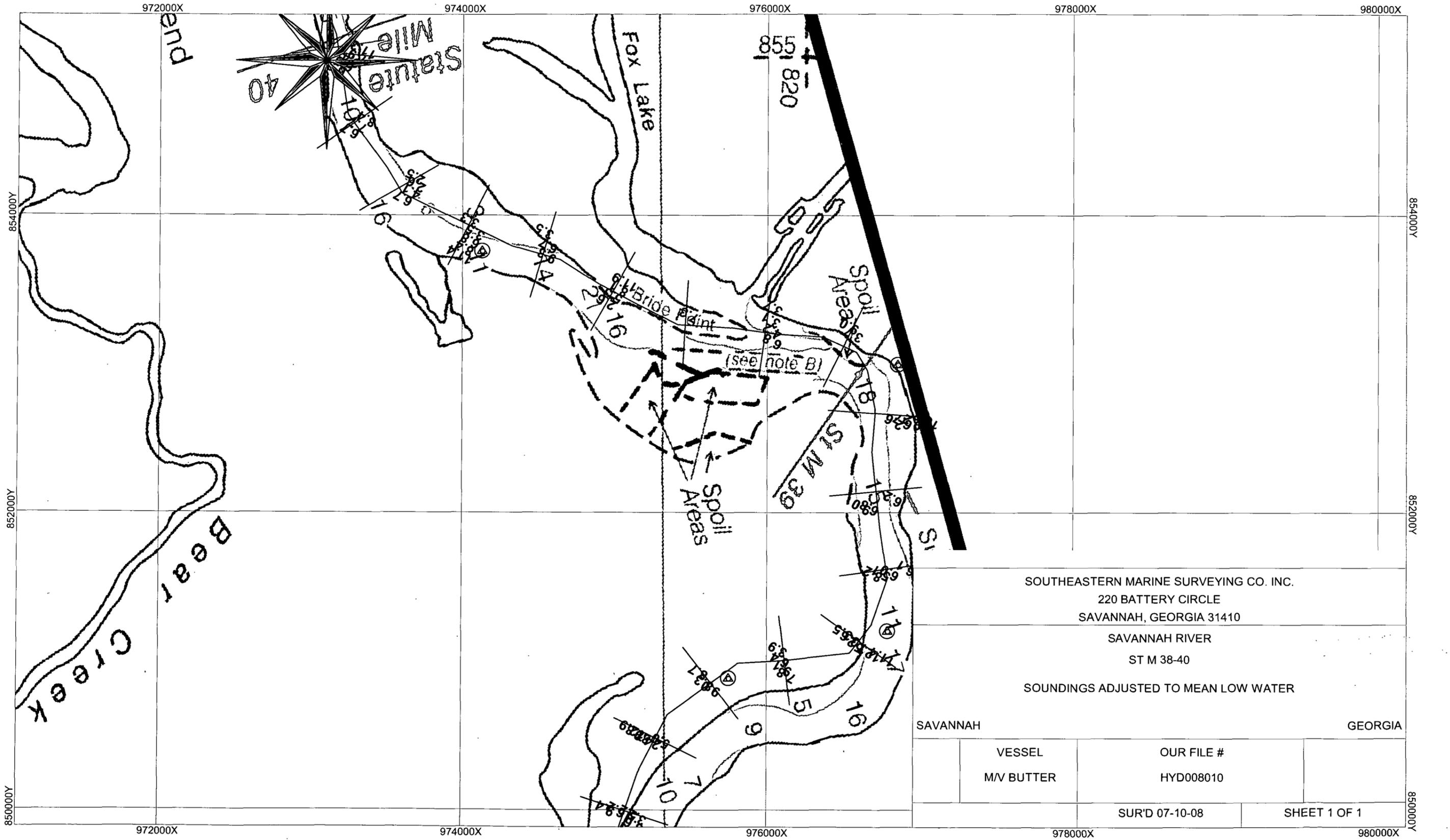
976000X

977000X

978000X

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50"

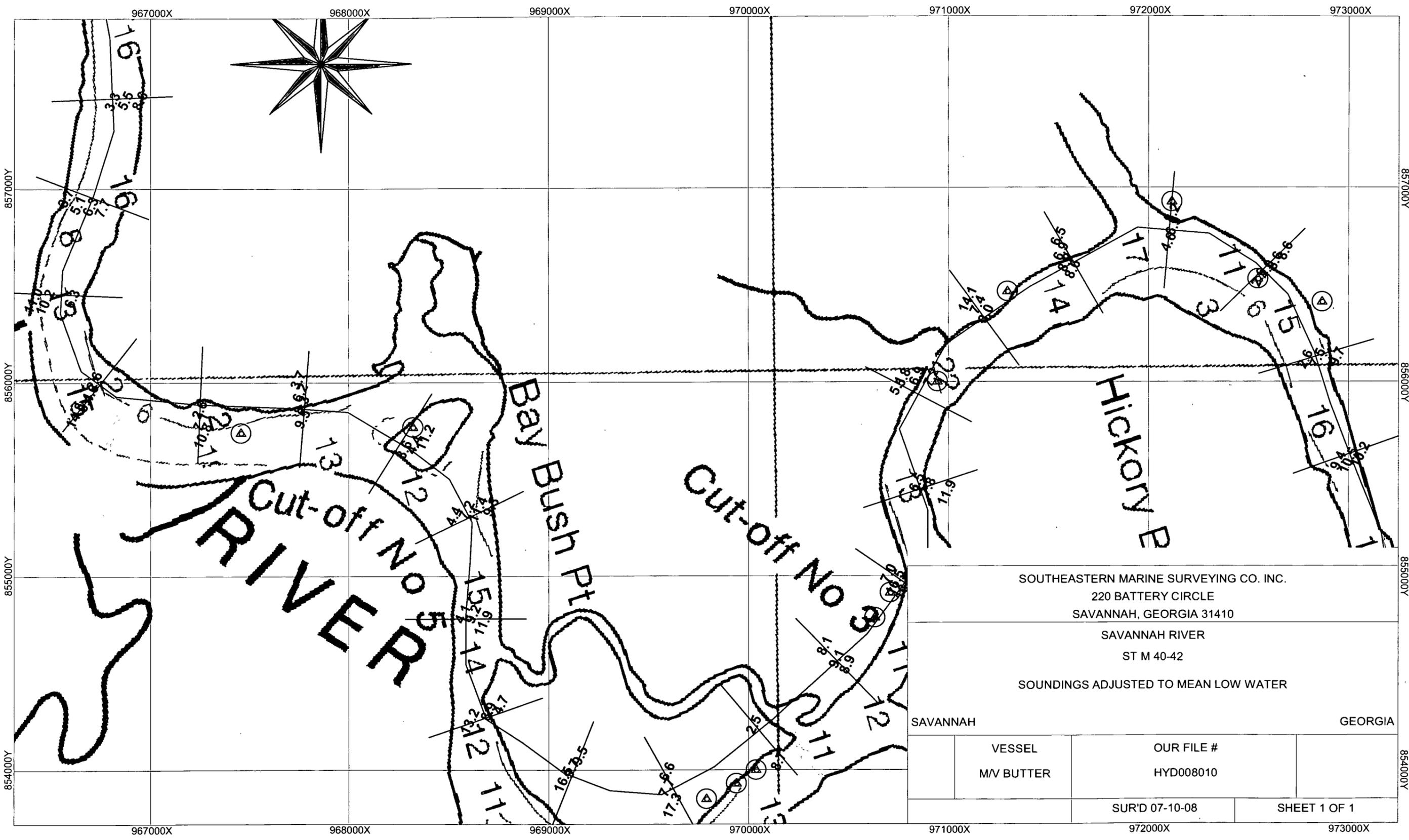


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 38-40

SOUNDINGS ADJUSTED TO MEAN LOW WATER

| | | | |
|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 | |

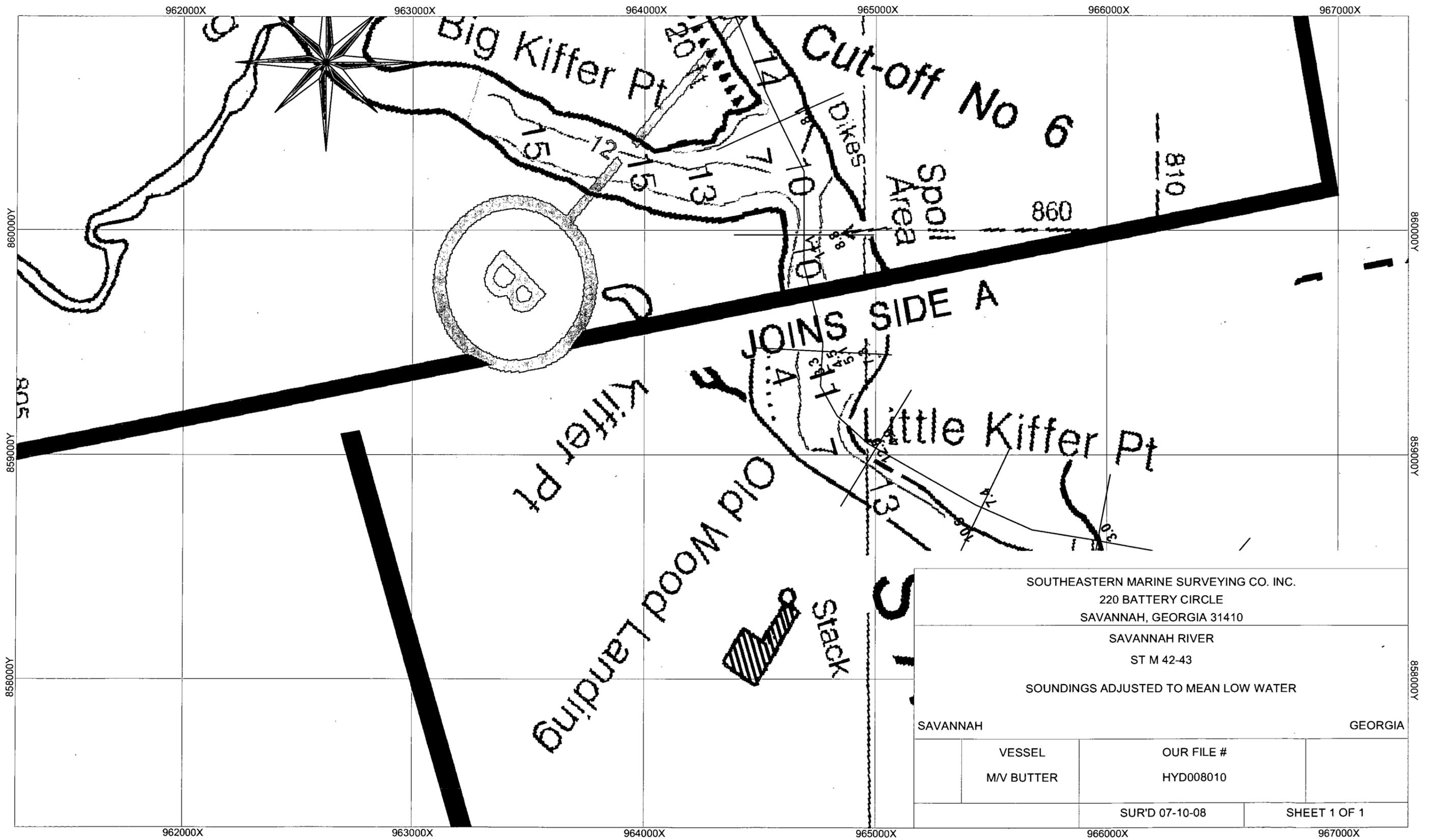


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 40-42

SOUNDINGS ADJUSTED TO MEAN LOW WATER

| | | | |
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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| MV BUTTER | HYD008010 | | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 | |

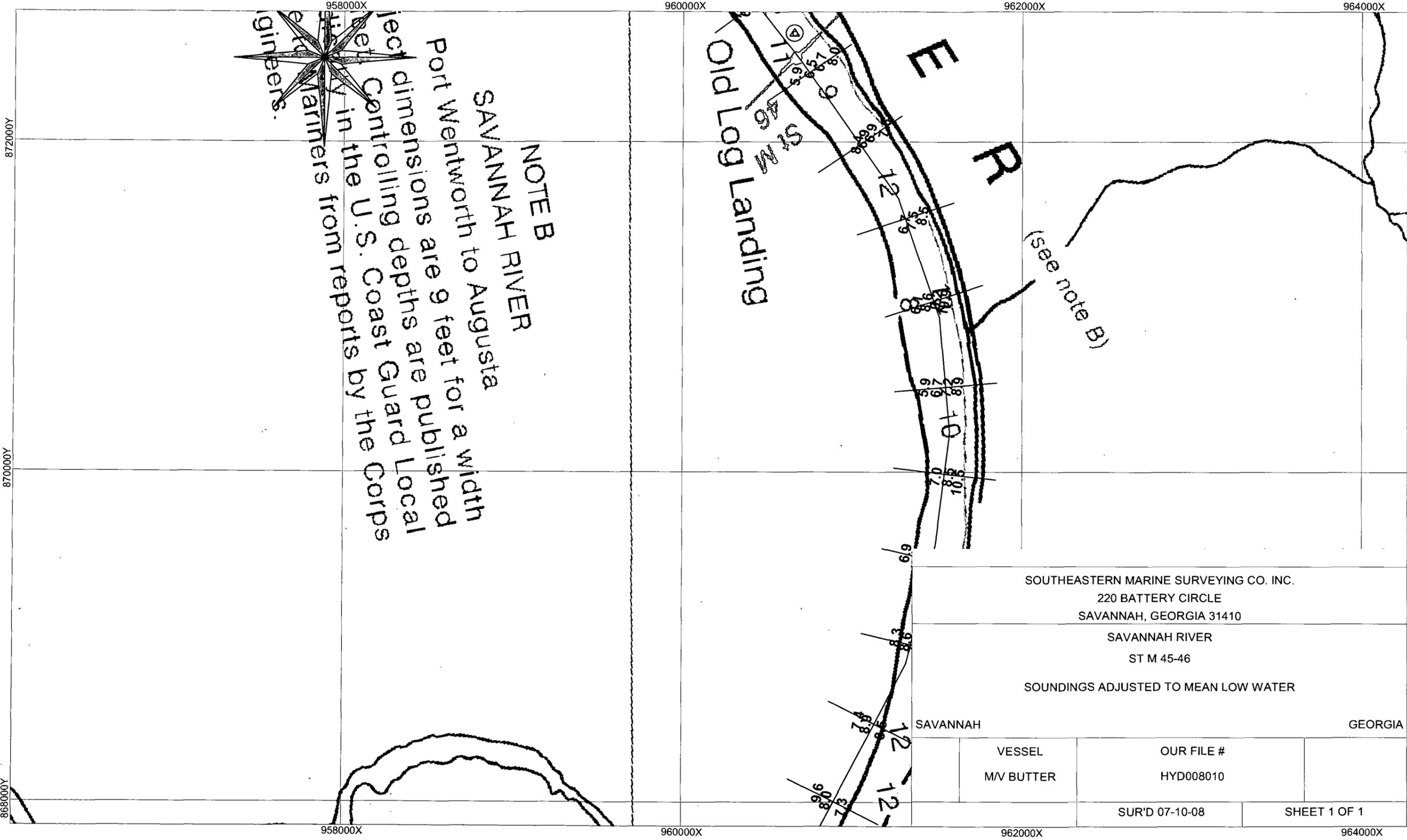


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 42-43

SOUNDINGS ADJUSTED TO MEAN LOW WATER

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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| | | SUR'D 07-10-08 | SHEET 1 OF 1 |



NOTE B
 SAVANNAH RIVER
 Port Wentworth to Augusta
 Tidal dimensions are 9 feet for a width
 of 100 feet. Controlling depths are published
 in the U.S. Coast Guard Local
 Notices to Mariners from reports by the Corps
 of Engineers.

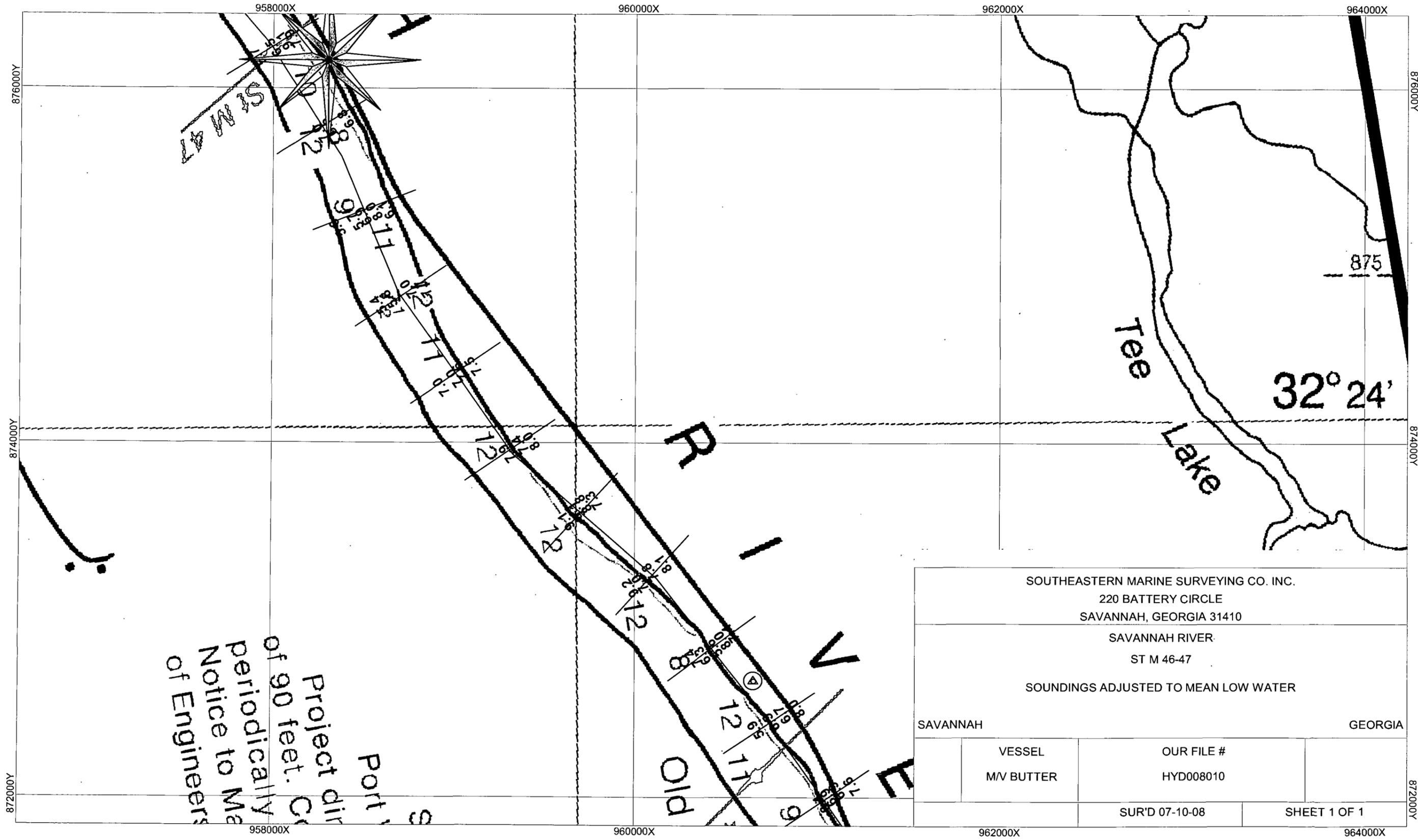
SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 45-46

SOUNDINGS ADJUSTED TO MEAN LOW WATER

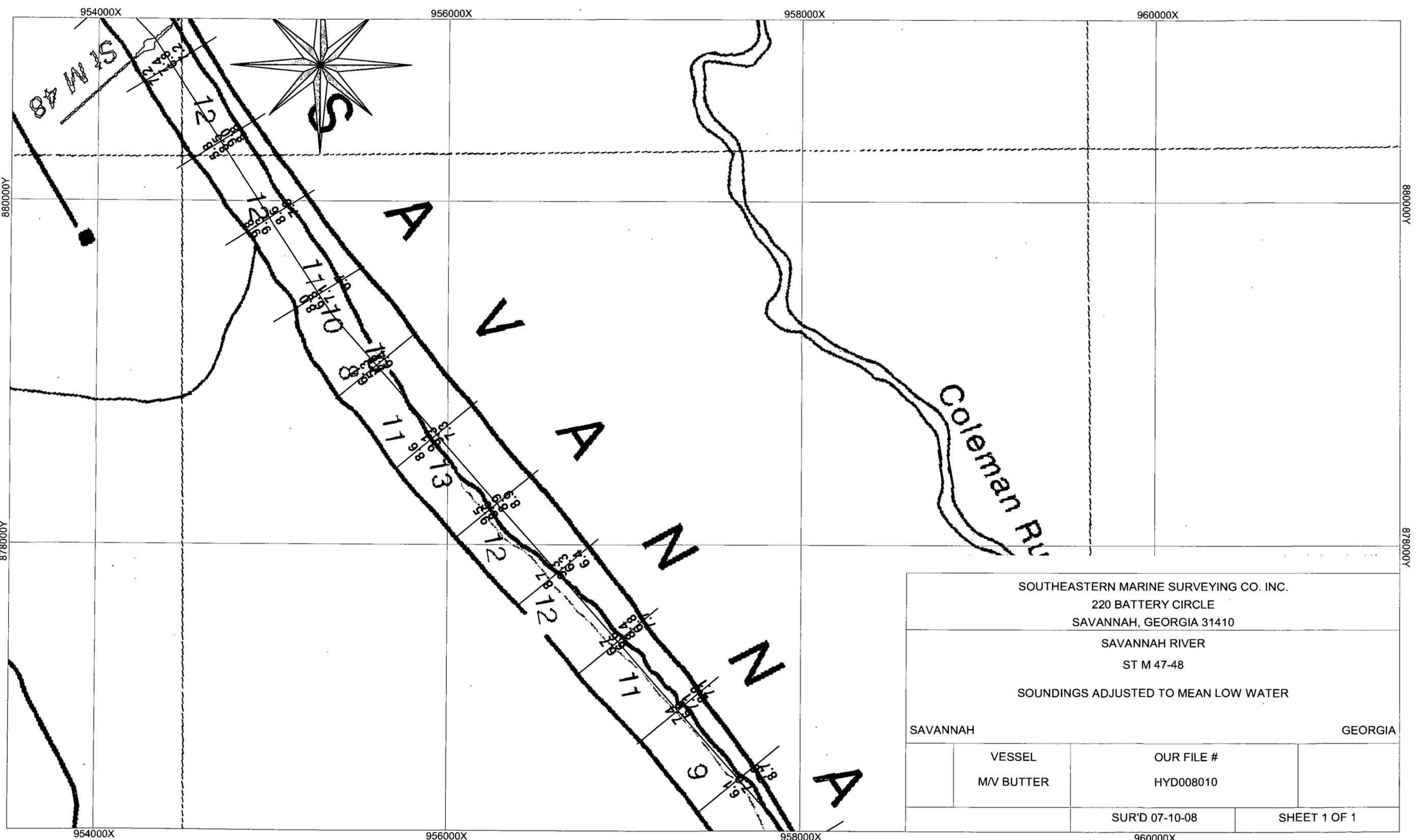
SAVANNAH GEORGIA

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| VESEL M/V BUTTER | OUR FILE # HYD008010 | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 |

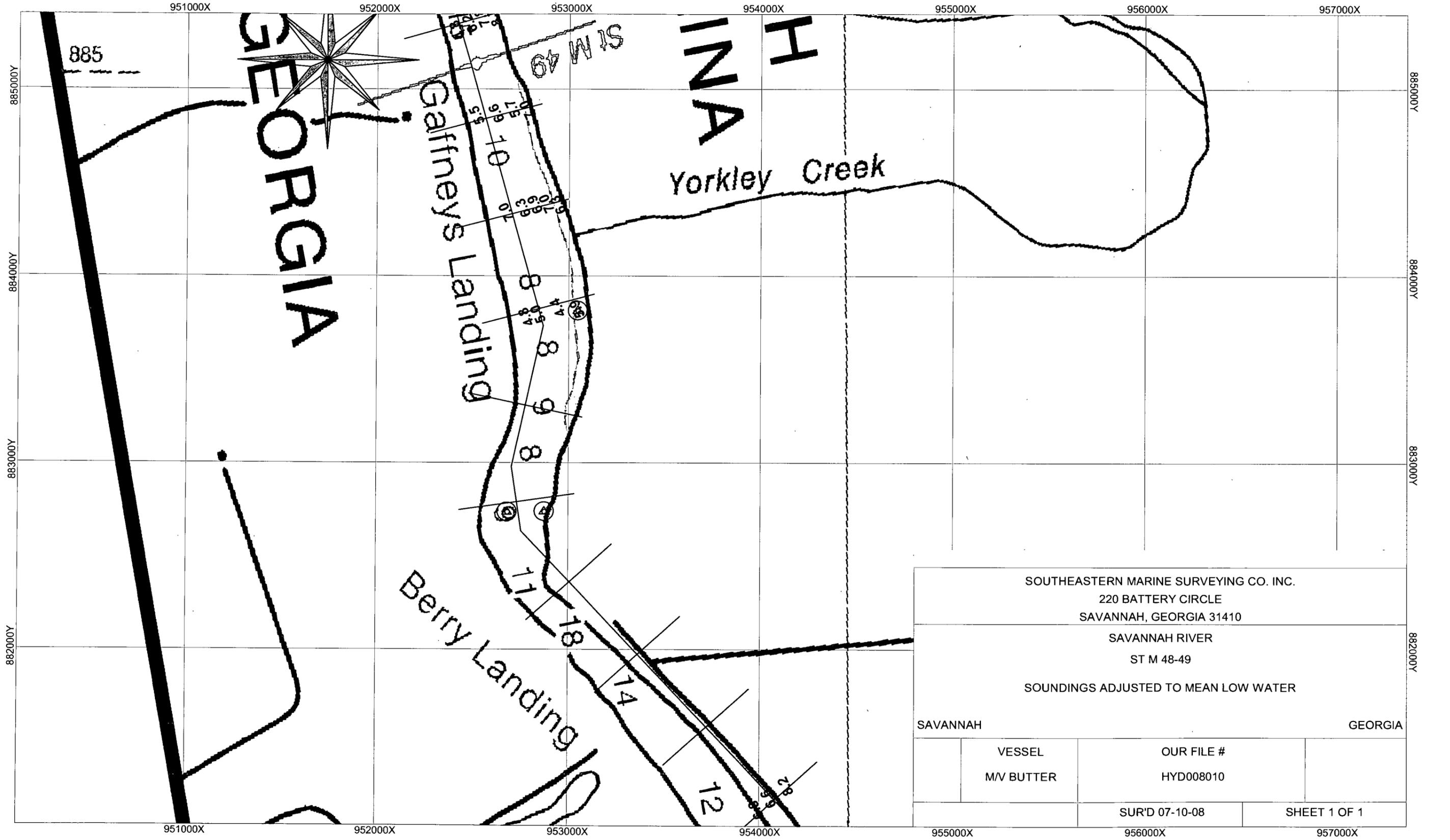


Project dir
of 90 feet. C
periodically
Notice to Ma
of Engineers

| | | | |
|---|-------------------------|--------------|--|
| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 46-47 | | | |
| SOUNDINGS ADJUSTED TO MEAN LOW WATER | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL M/V BUTTER | OUR FILE # HYD008010 | | |
| SUR'D 07-10-08 | | SHEET 1 OF 1 | |



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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 47-48 SOUNDINGS ADJUSTED TO MEAN LOW WATER | | | |
| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| | | SUR'D 07-10-08 | SHEET 1 OF 1 |

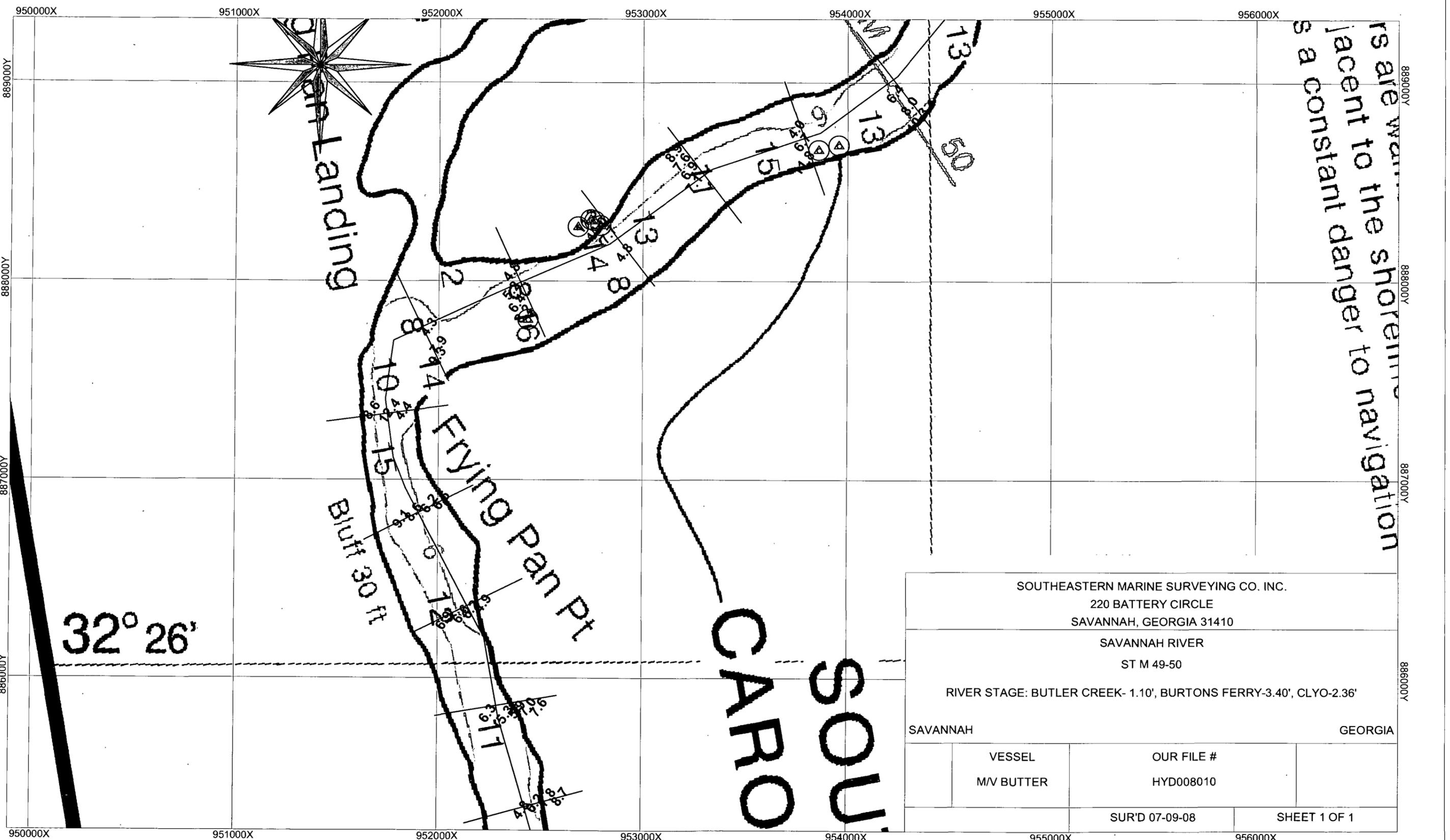


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 48-49

SOUNDINGS ADJUSTED TO MEAN LOW WATER

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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| | | SUR'D 07-10-08 | SHEET 1 OF 1 |

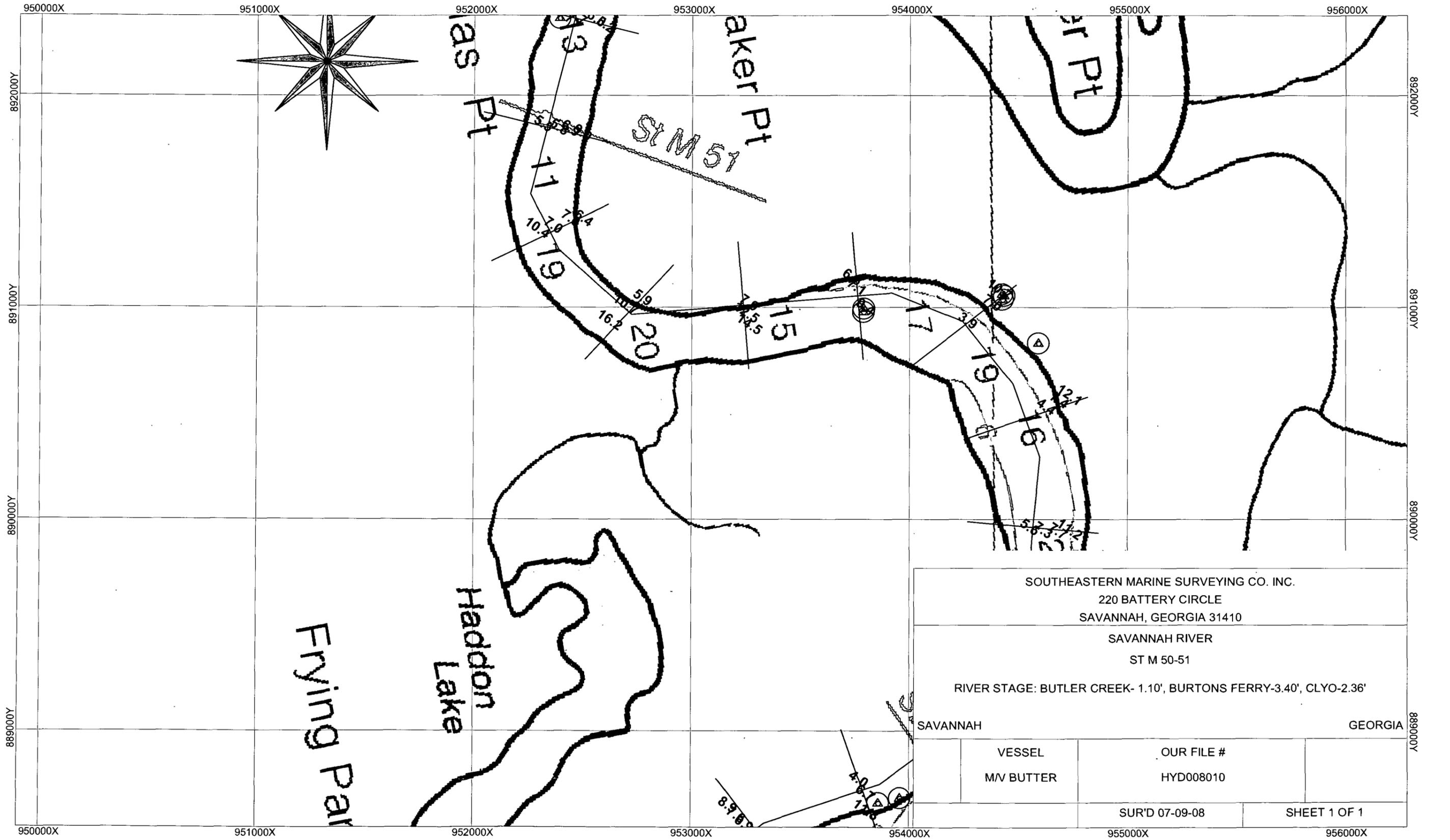


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 adjacent to the shoreline
 a constant danger to navigation

32° 26'

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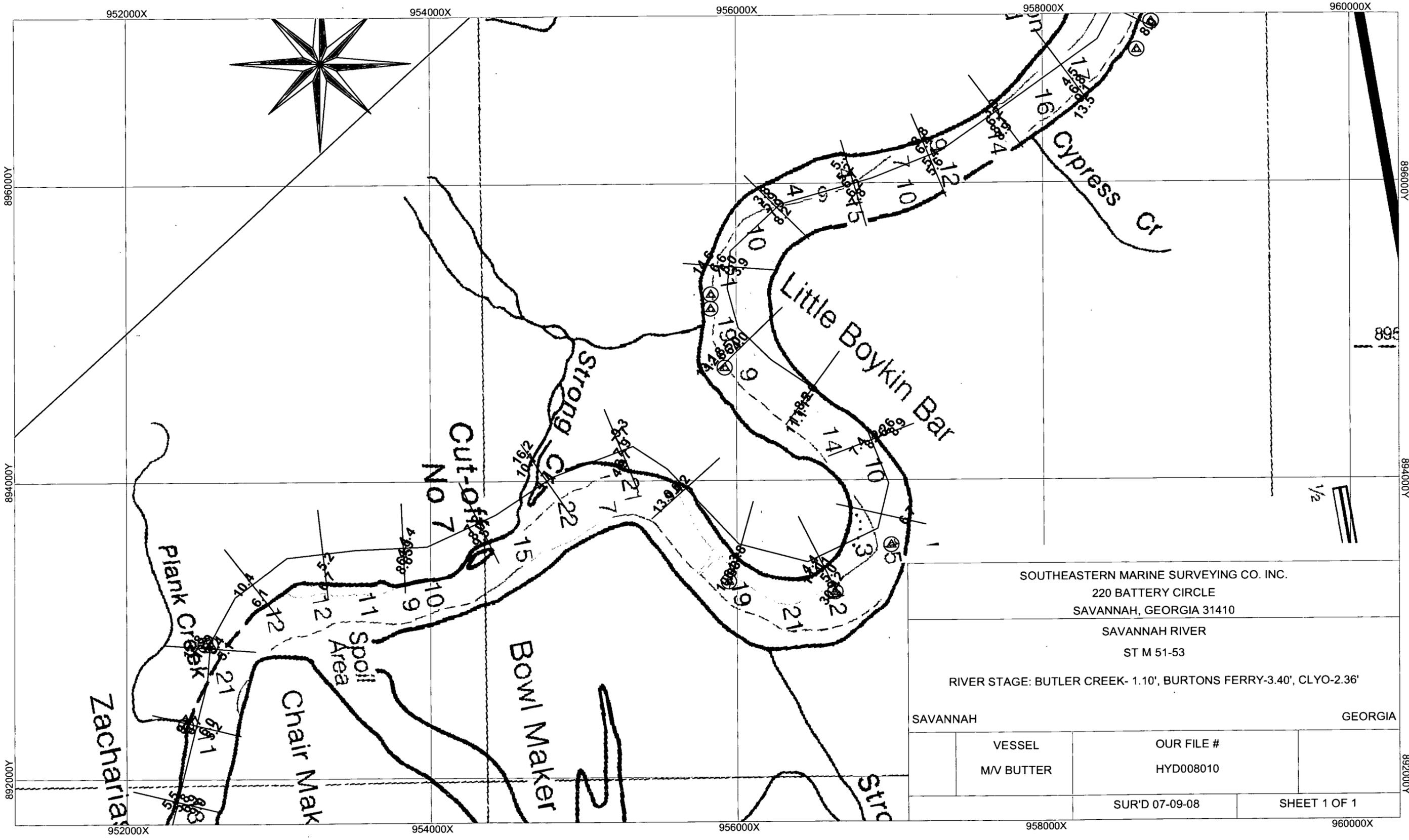
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|---|-------------------------|----------------|--------------|
| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 49-50 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.40', CLYO-2.36' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL M/V BUTTER | OUR FILE # HYD008010 | | |
| | | SUR'D 07-09-08 | SHEET 1 OF 1 |



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 50-51
 RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.40', CLYO-2.36'

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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| MV BUTTER | HYD008010 | | |
| SUR'D 07-09-08 | | SHEET 1 OF 1 | |



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 51-53

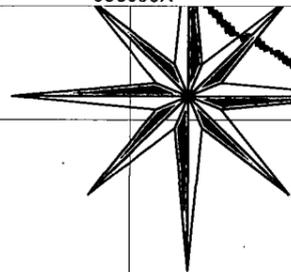
RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.40', CLYO-2.36'

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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-09-08 | | SHEET 1 OF 1 | |

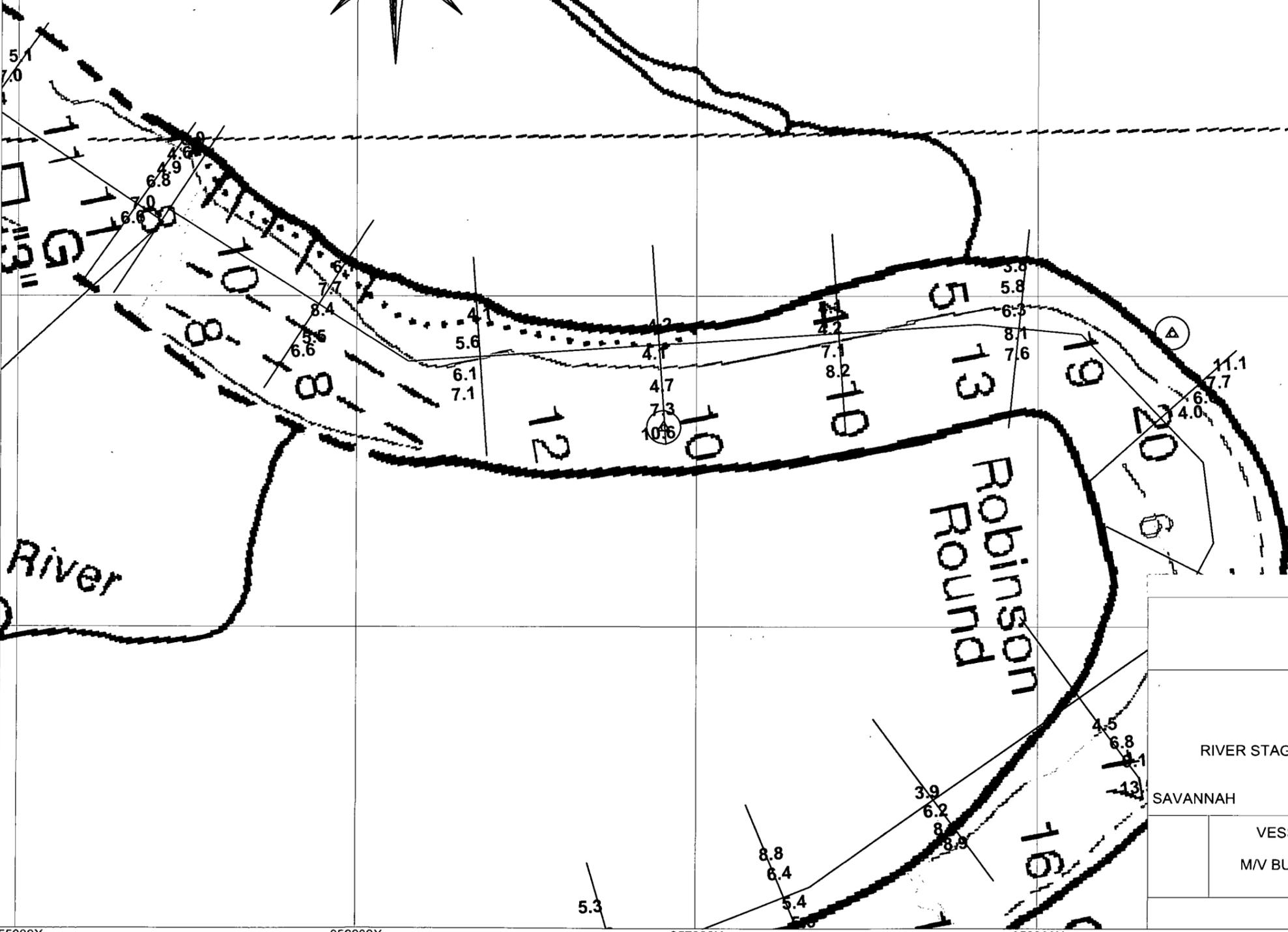
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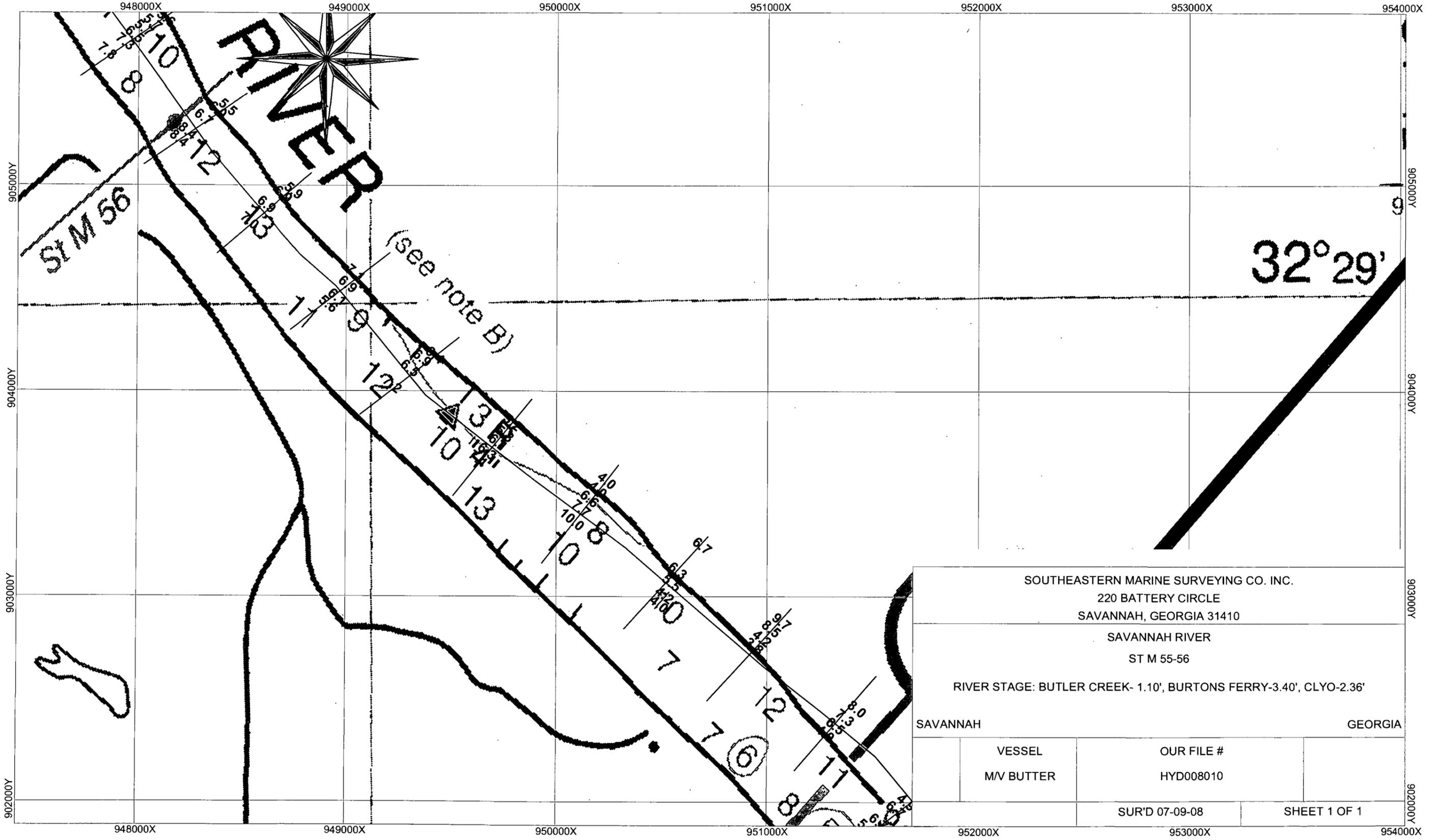


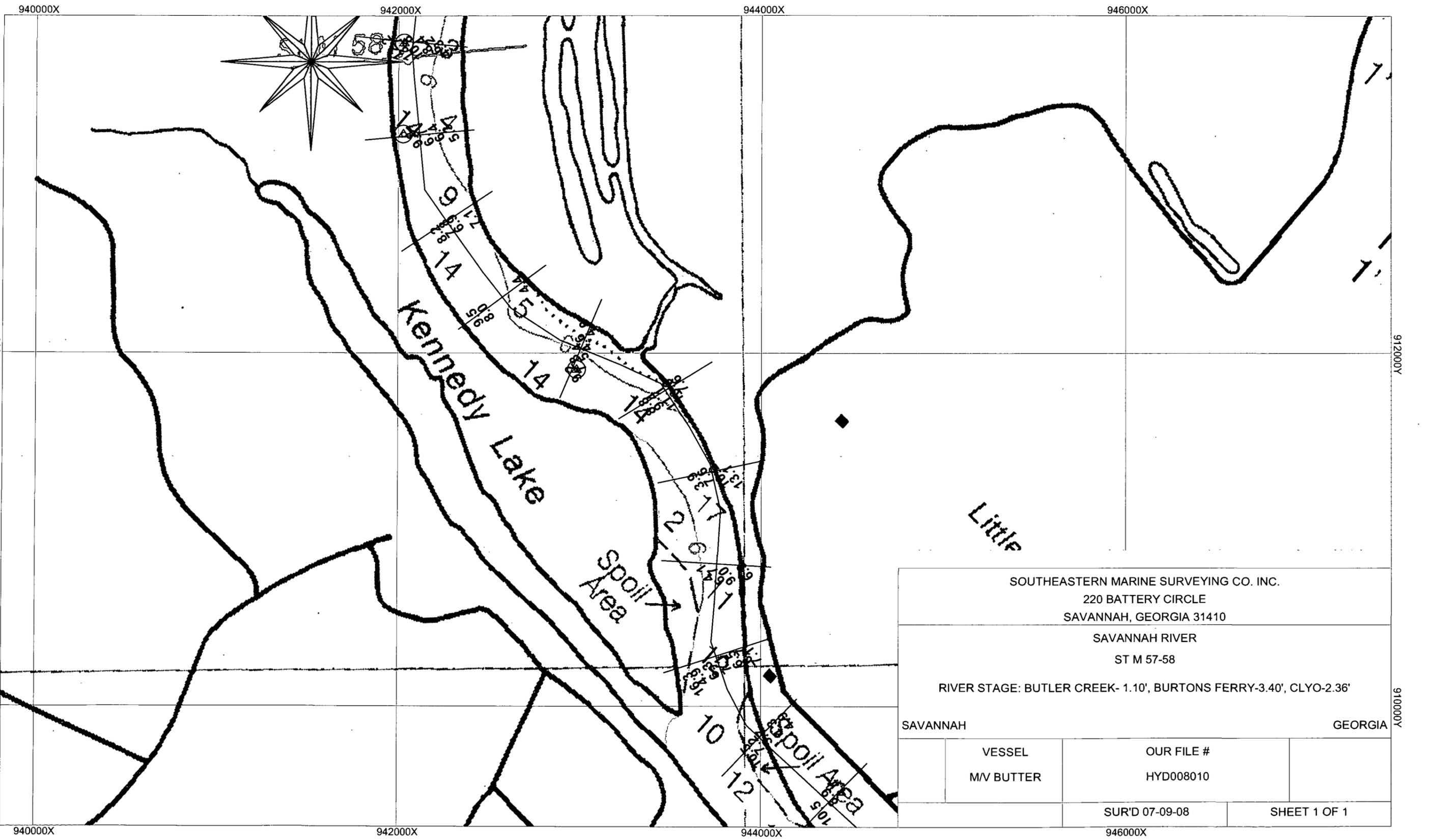
32° 28'



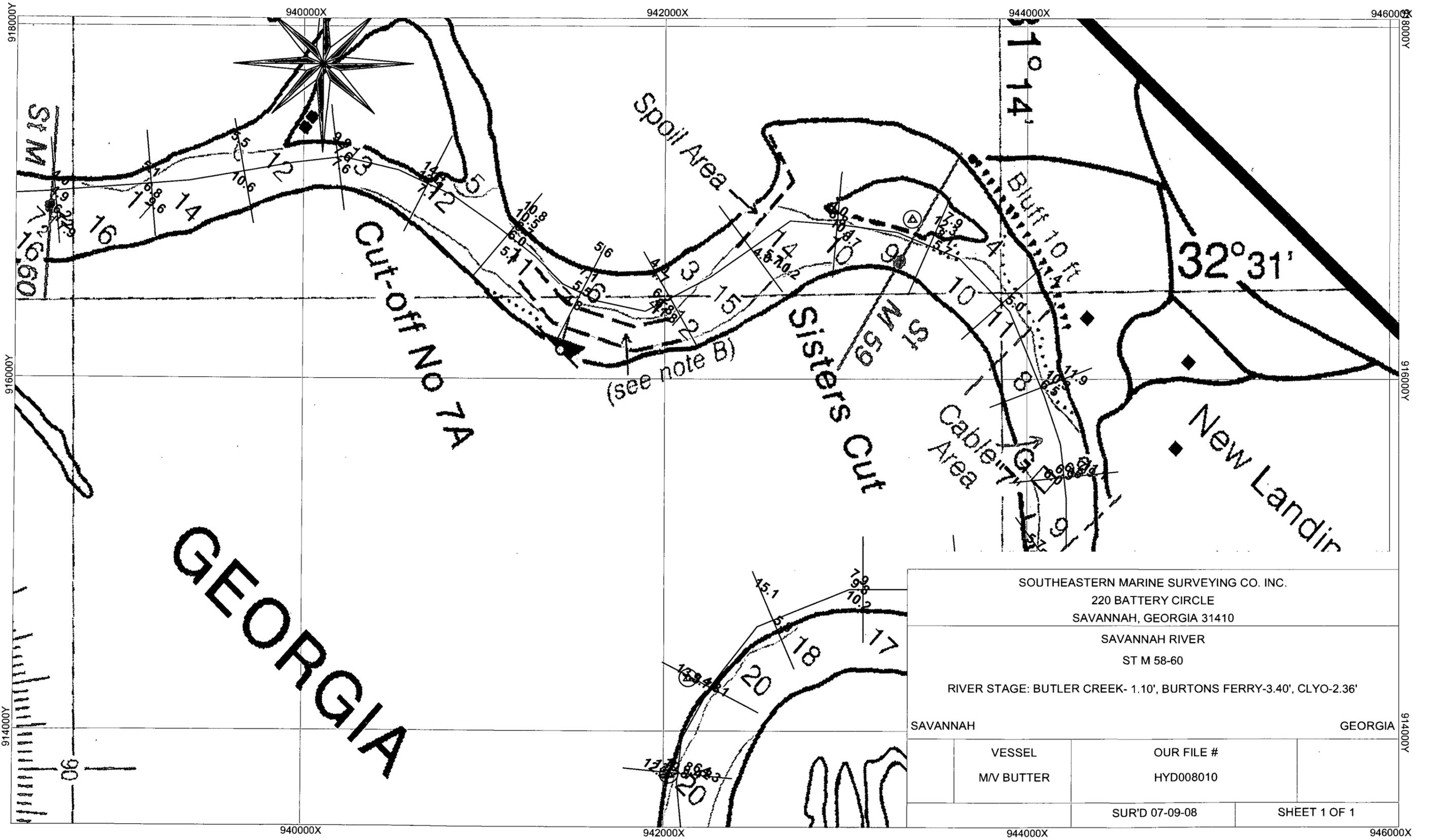
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|---|-------------------------|--------------|--|
| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 53-54 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.40', CLYO-2.36' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL M/V BUTTER | OUR FILE # HYD008010 | | |
| SUR'D 07-09-08 | | SHEET 1 OF 1 | |

955000X 956000X 957000X 958000X 959000X 960000X

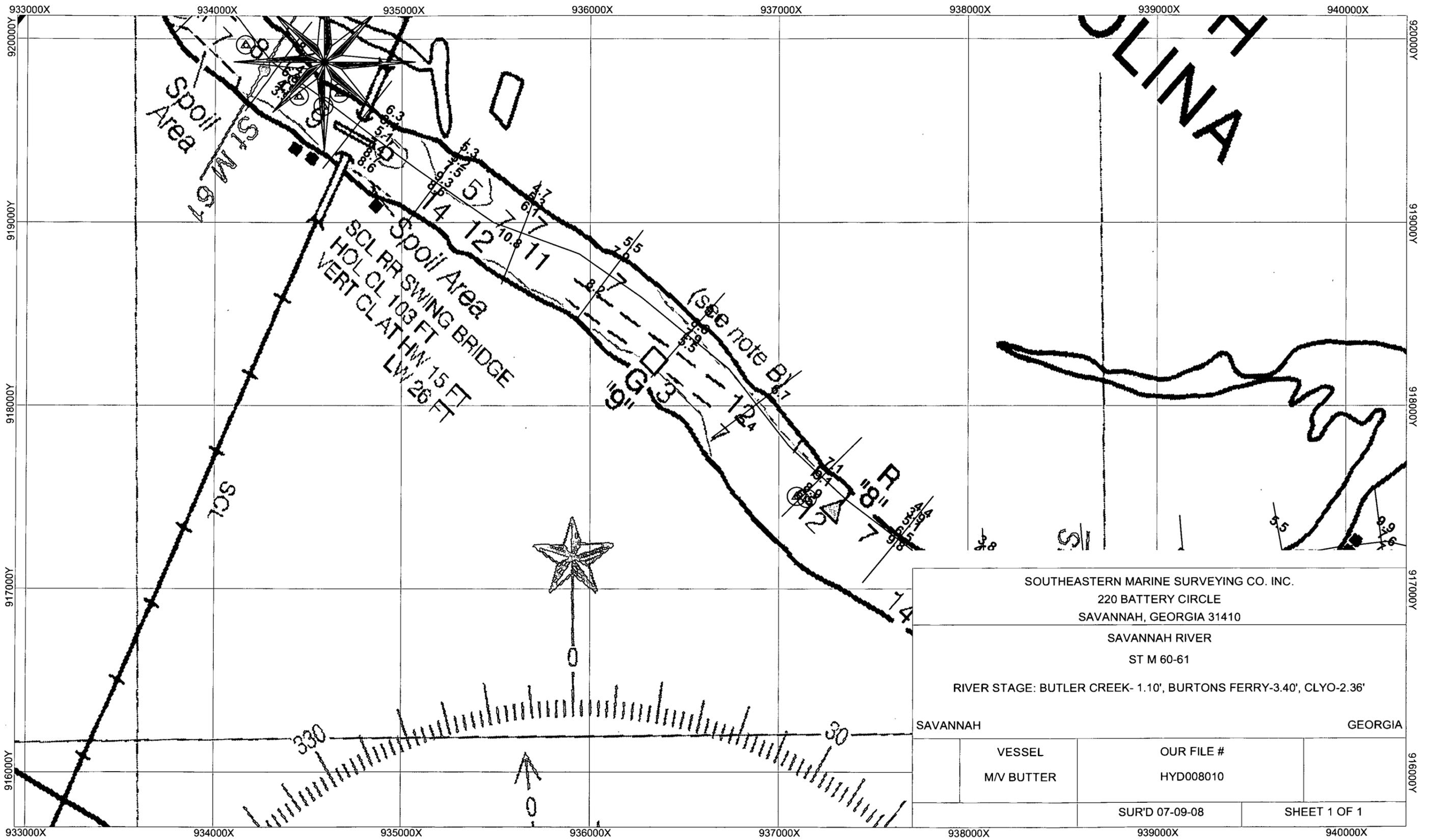




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|---|------------|----------------|--------------|
| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 57-58 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.40', CLYO-2.36' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| | | SUR'D 07-09-08 | SHEET 1 OF 1 |



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|---|------------|--------------|--|
| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 58-60 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.40', CLYO-2.36' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-09-08 | | SHEET 1 OF 1 | |

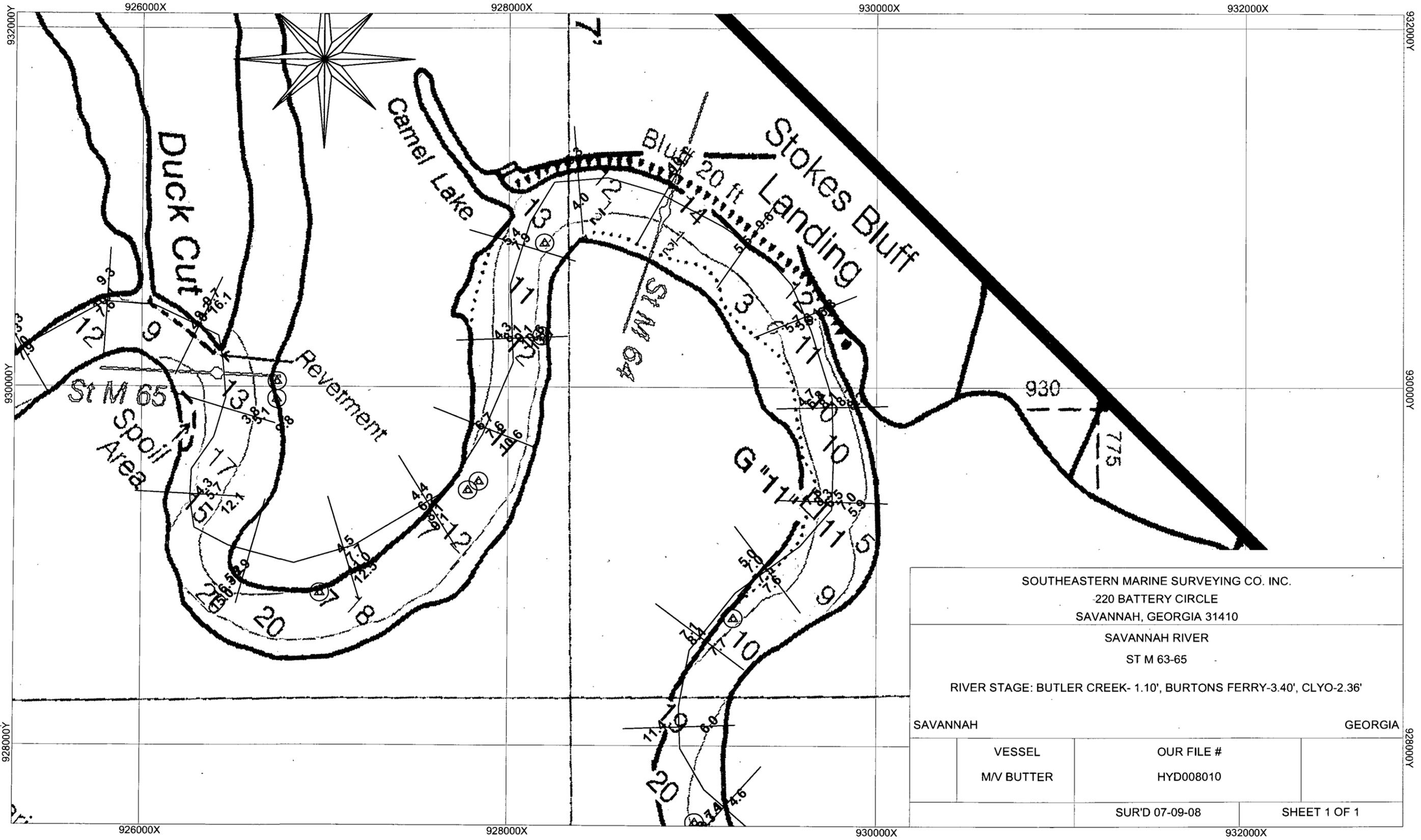


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

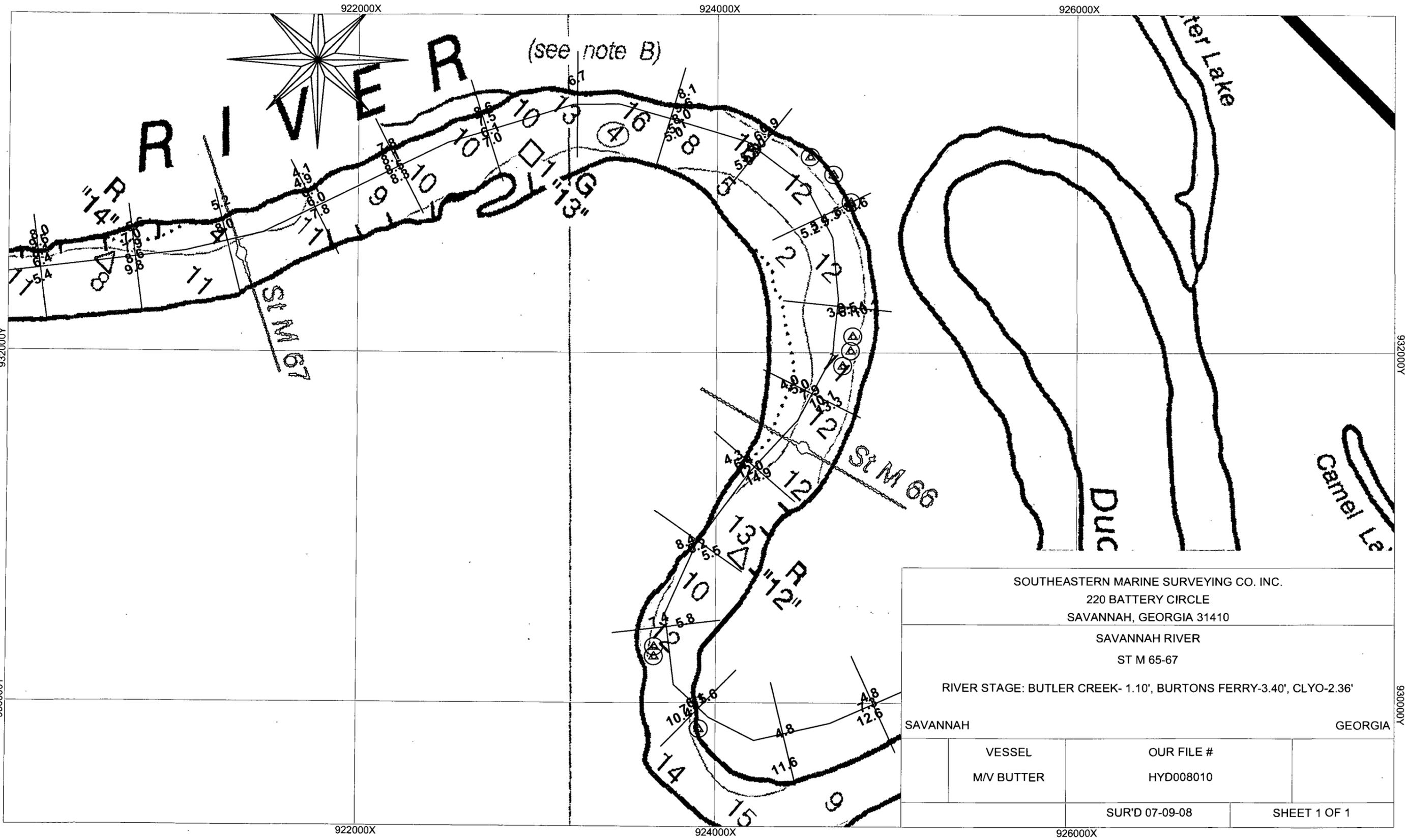
SAVANNAH RIVER
 ST M 60-61

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.40', CLYO-2.36'

| | | | |
|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-09-08 | | SHEET 1 OF 1 | |



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|---|------------|--------------|--|
| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 63-65 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.40', CLYO-2.36' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-09-08 | | SHEET 1 OF 1 | |



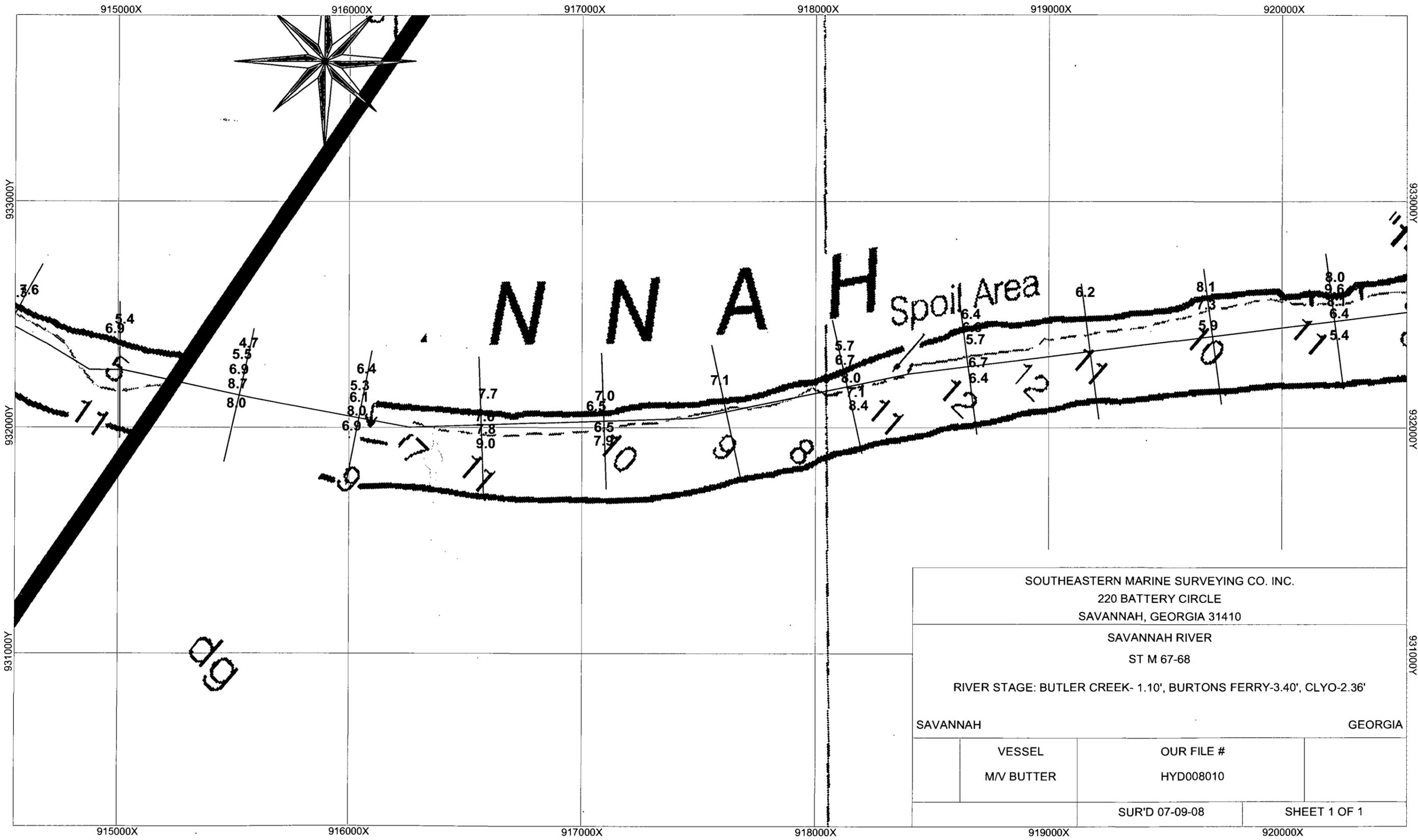
(see note B)

SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

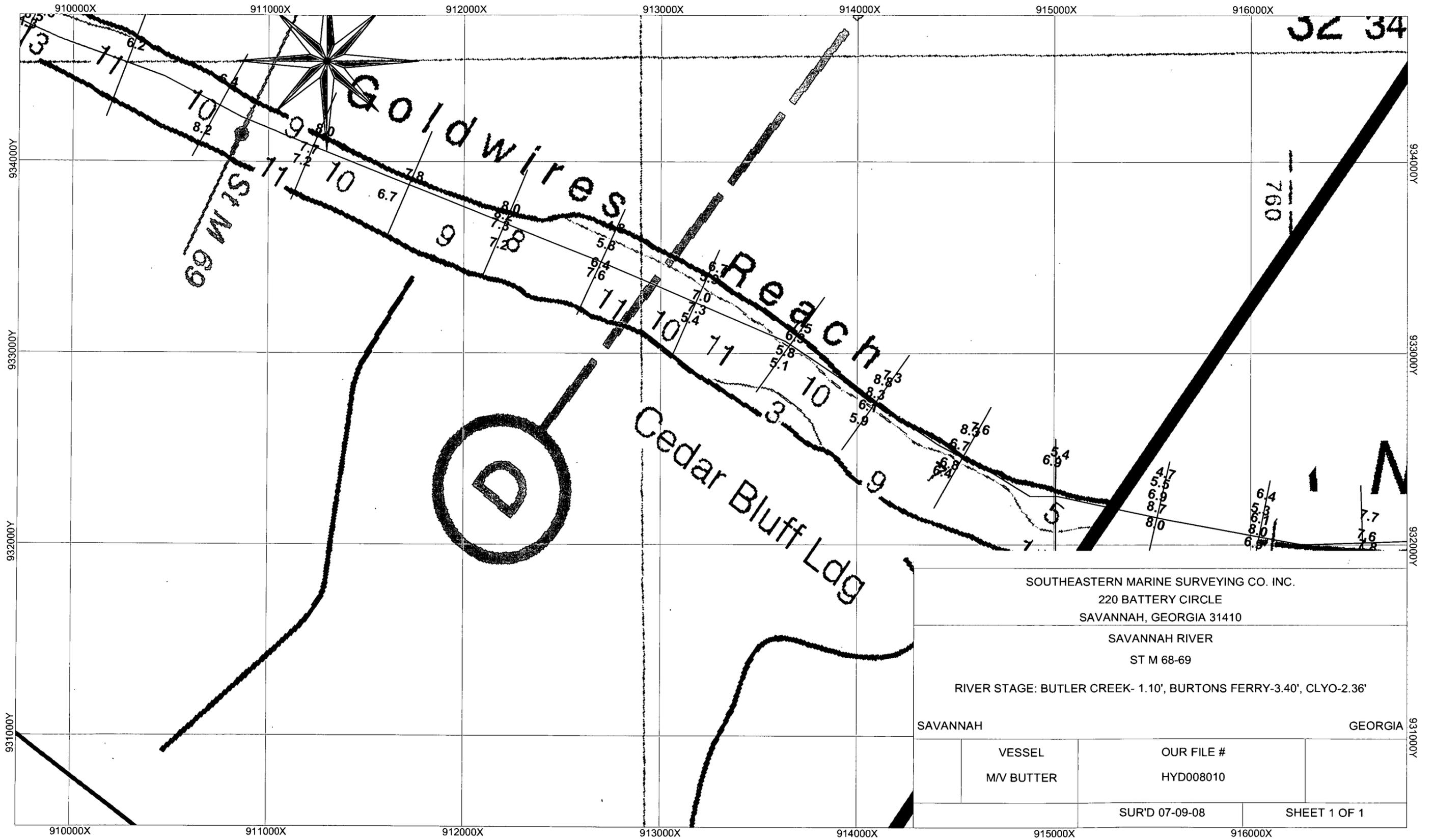
SAVANNAH RIVER
 ST M 65-67

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.40', CLYO-2.36'

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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-09-08 | | SHEET 1 OF 1 | |



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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 67-68 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.40', CLYO-2.36' | | | |
| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-09-08 | | SHEET 1 OF 1 | |

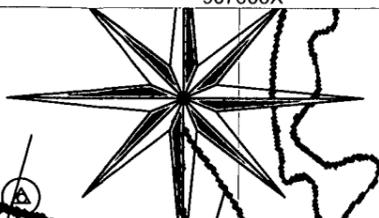
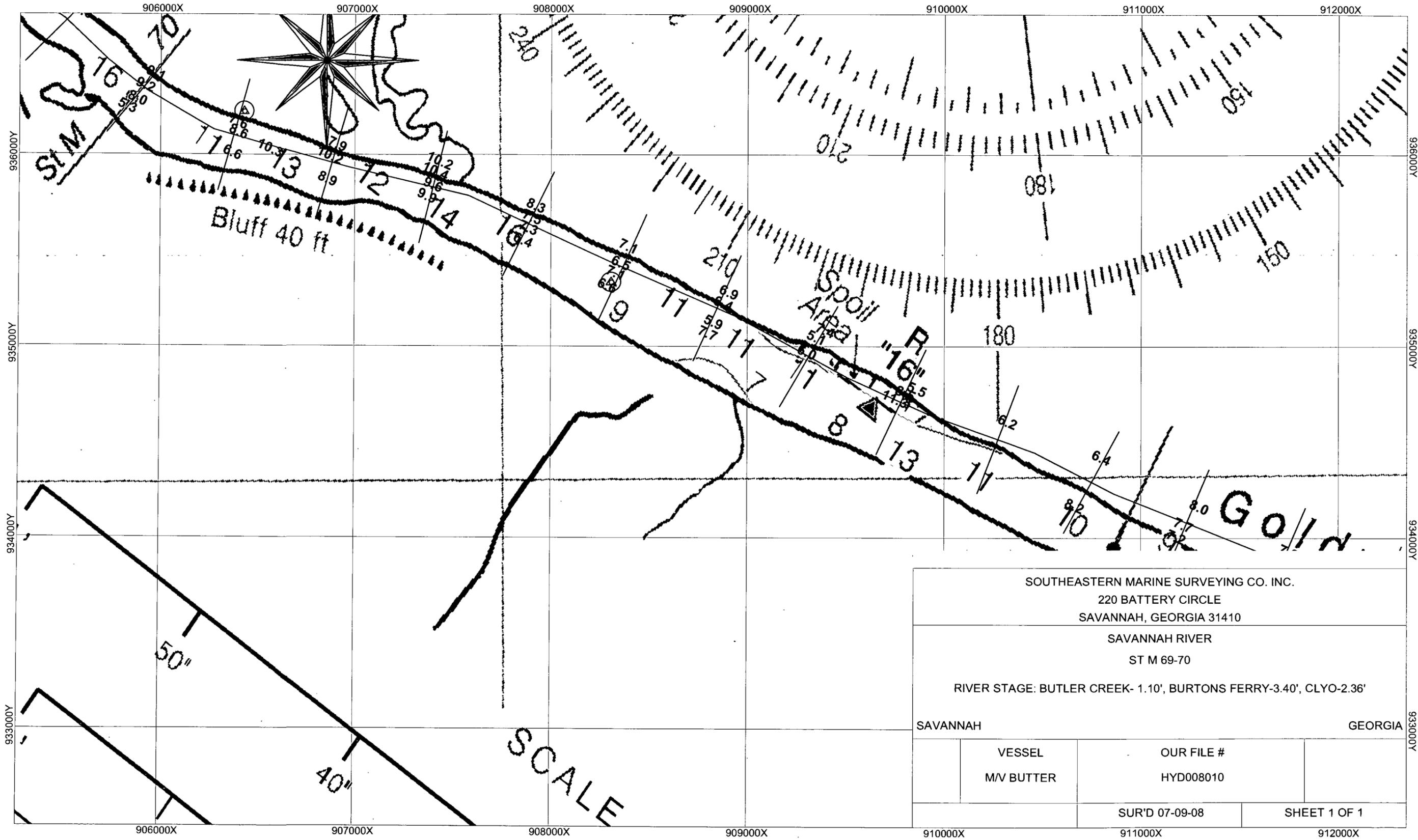


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 68-69

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.40', CLYO-2.36'

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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-09-08 | | SHEET 1 OF 1 | |



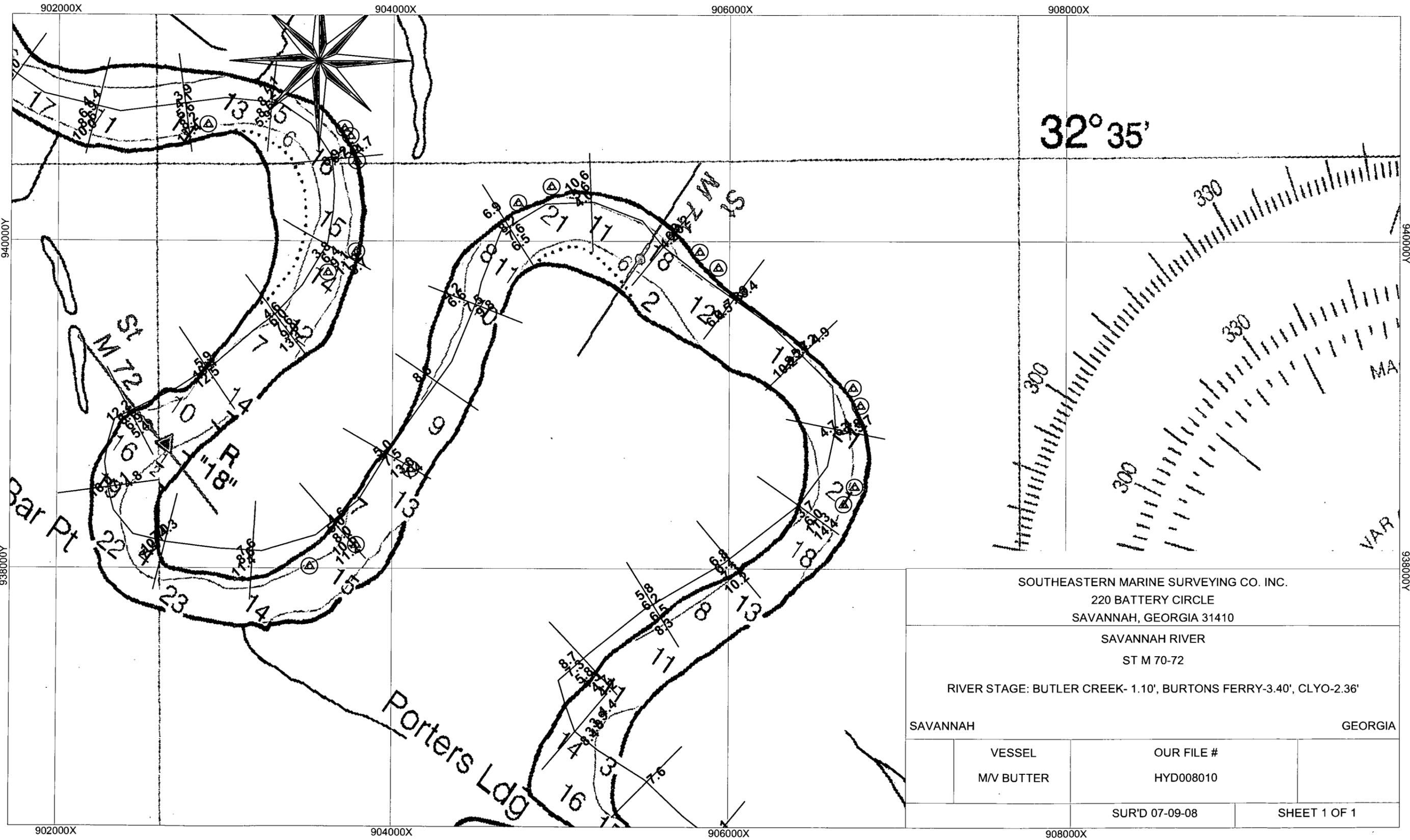
Bluff 40 ft

Spoil Area

Gold

SCALE

| | | | |
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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 69-70 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.40', CLYO-2.36' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL M/V BUTTER | OUR FILE # HYD008010 | | |
| SUR'D 07-09-08 | | SHEET 1 OF 1 | |



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 70-72

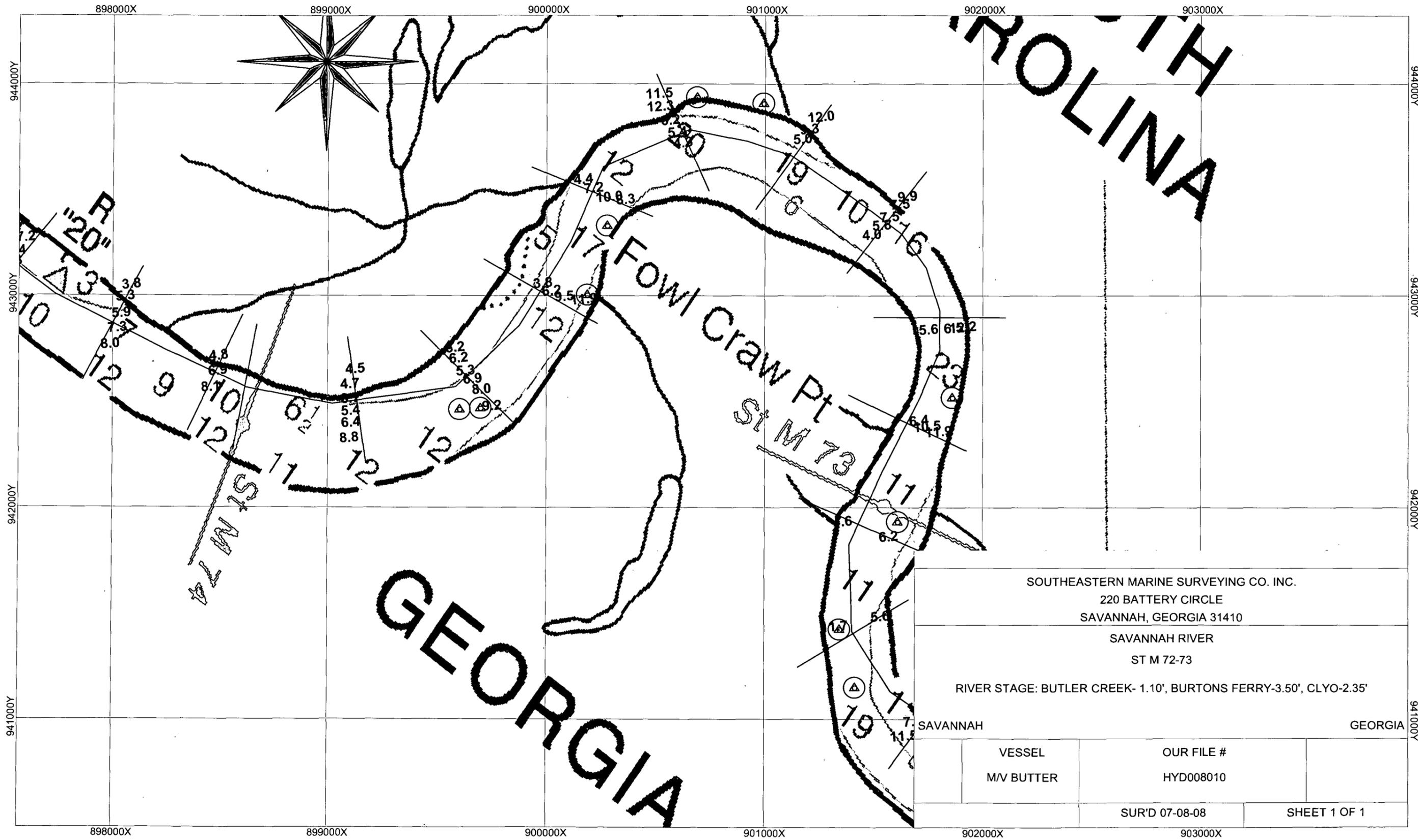
RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.40', CLYO-2.36'

SAVANNAH GEORGIA

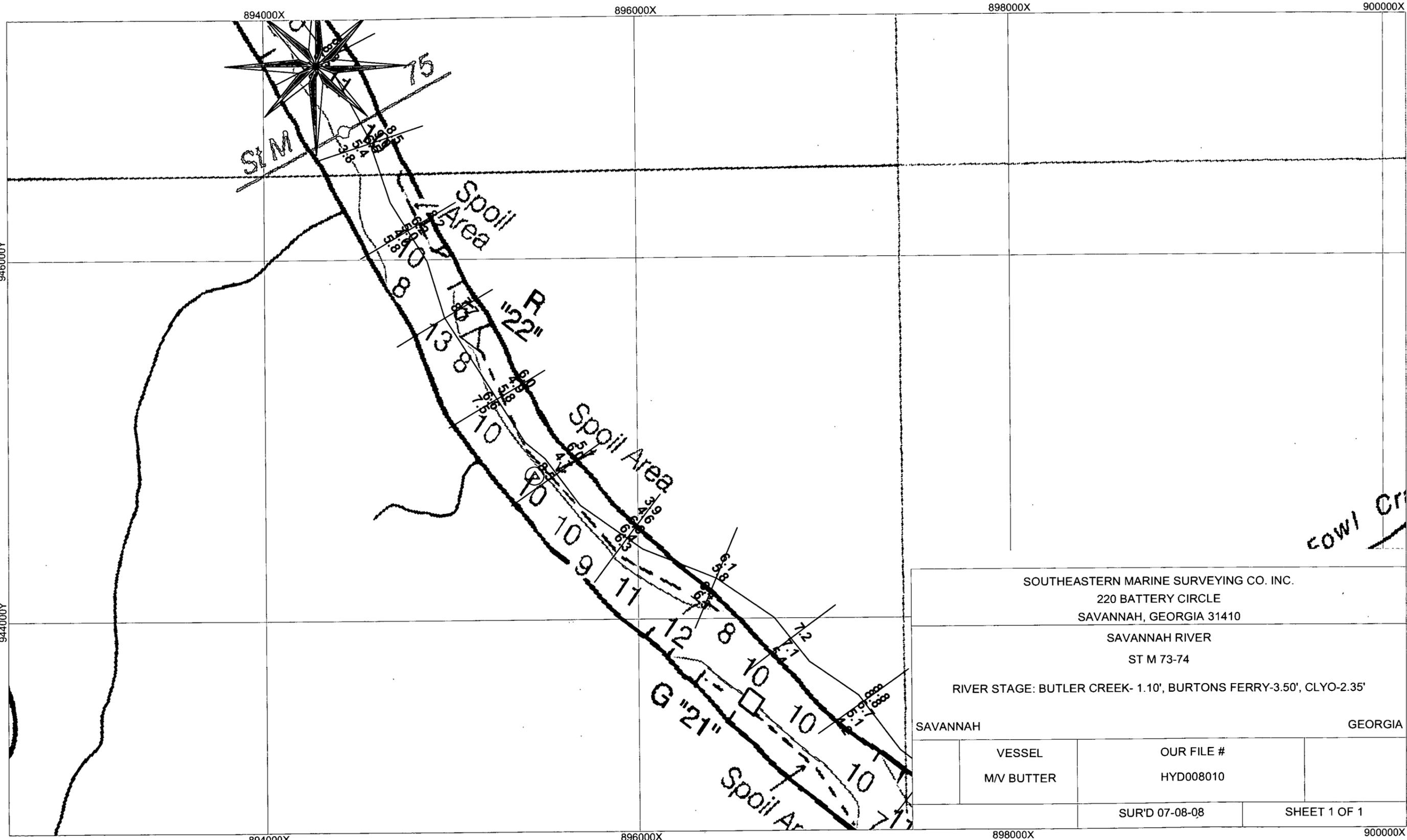
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| VESEL | OUR FILE # |
| M/V BUTTER | HYD008010 |

SUR'D 07-09-08

SHEET 1 OF 1



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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 72-73 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-08-08 | | SHEET 1 OF 1 | |



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 73-74

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35'

SAVANNAH GEORGIA

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| | VESSEL M/V BUTTER | OUR FILE # HYD008010 | |
| | SUR'D 07-08-08 | SHEET 1 OF 1 | |

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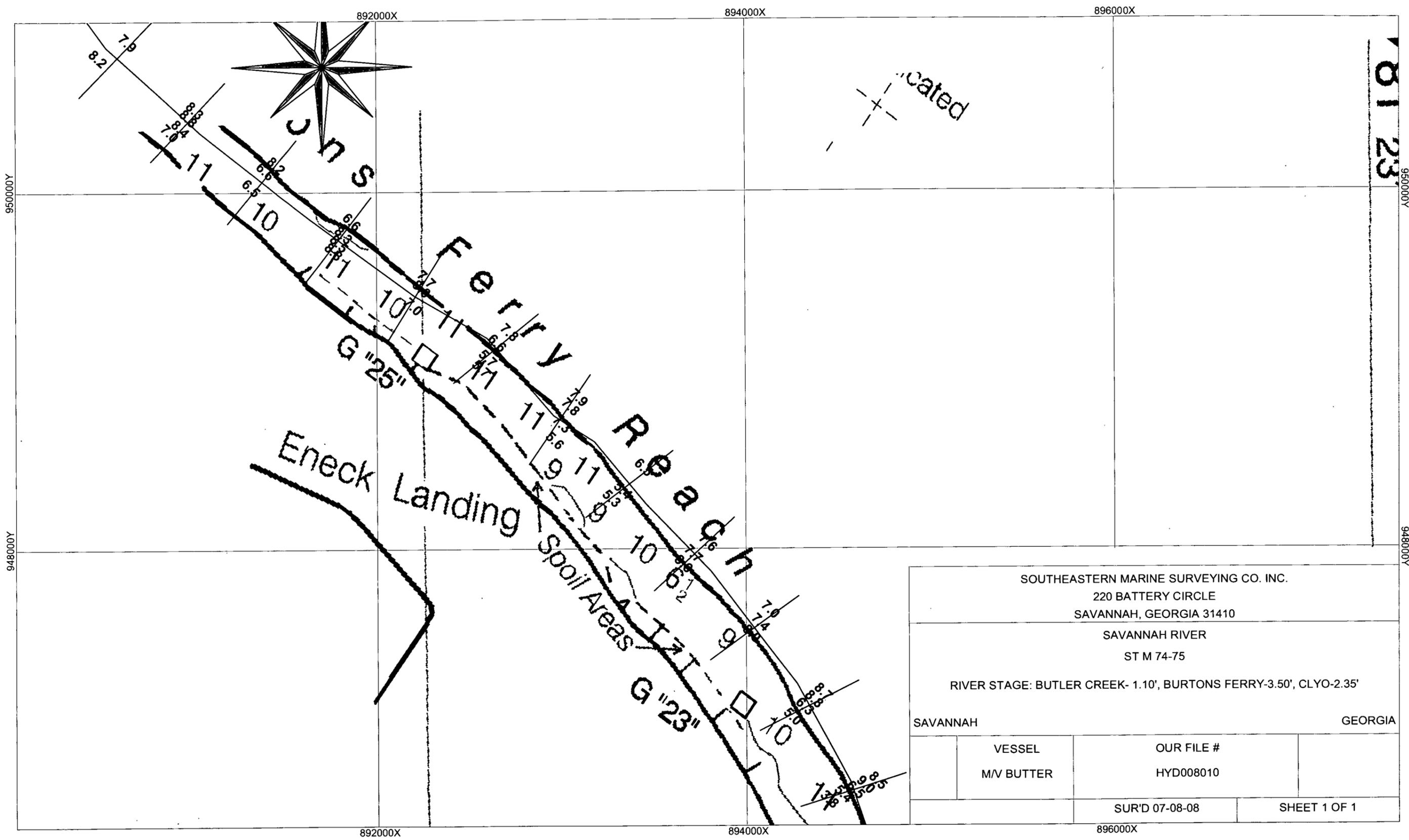
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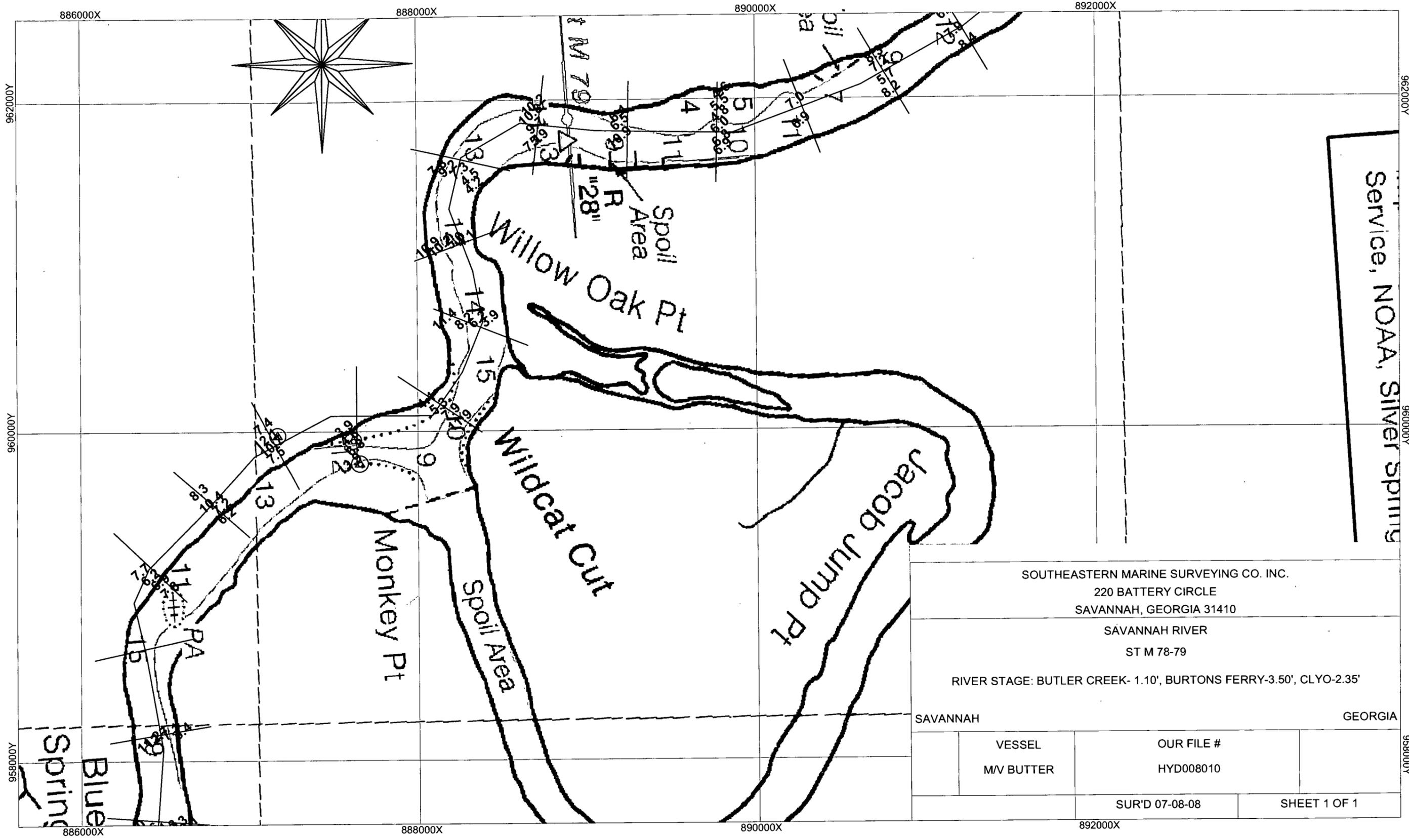
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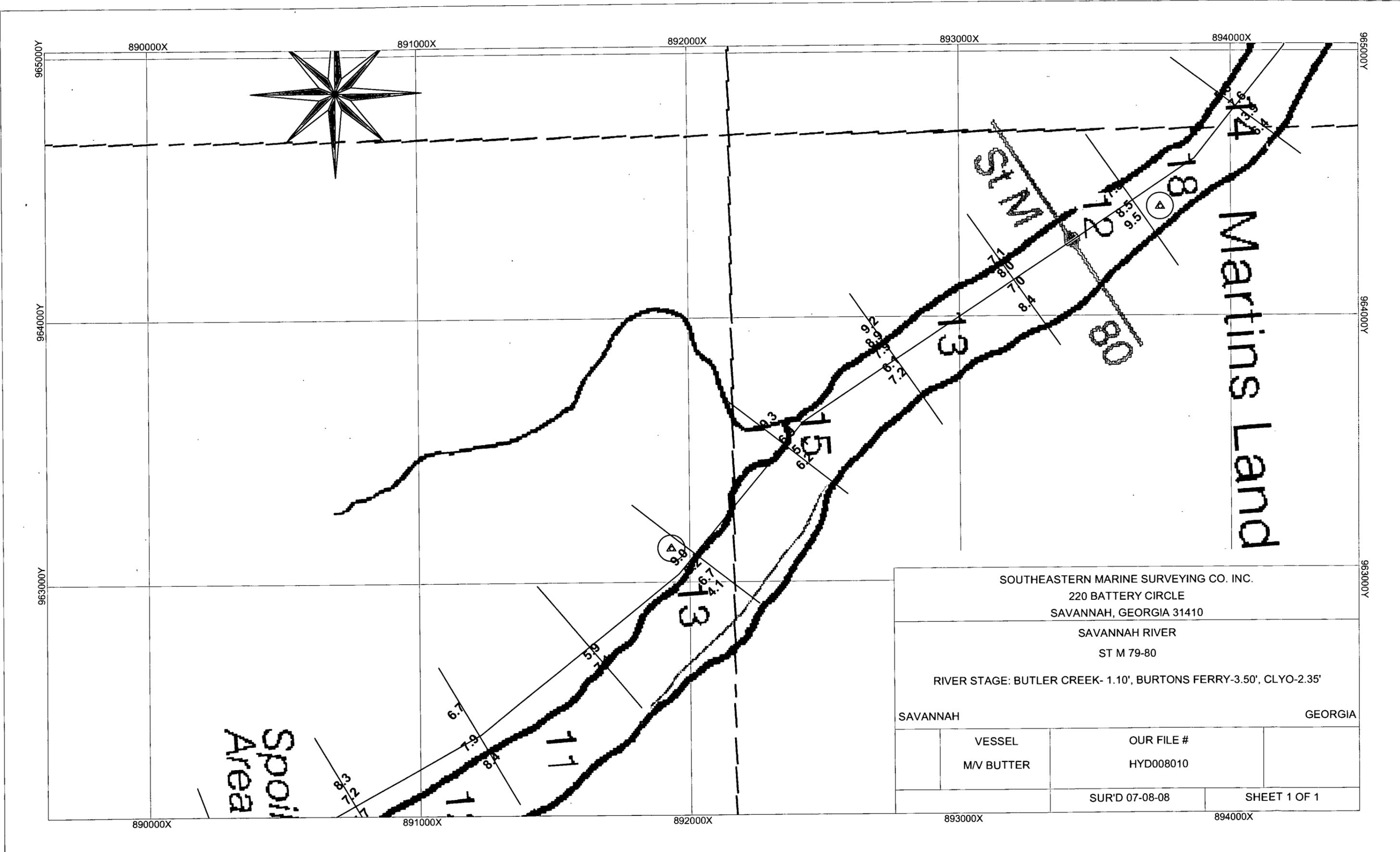
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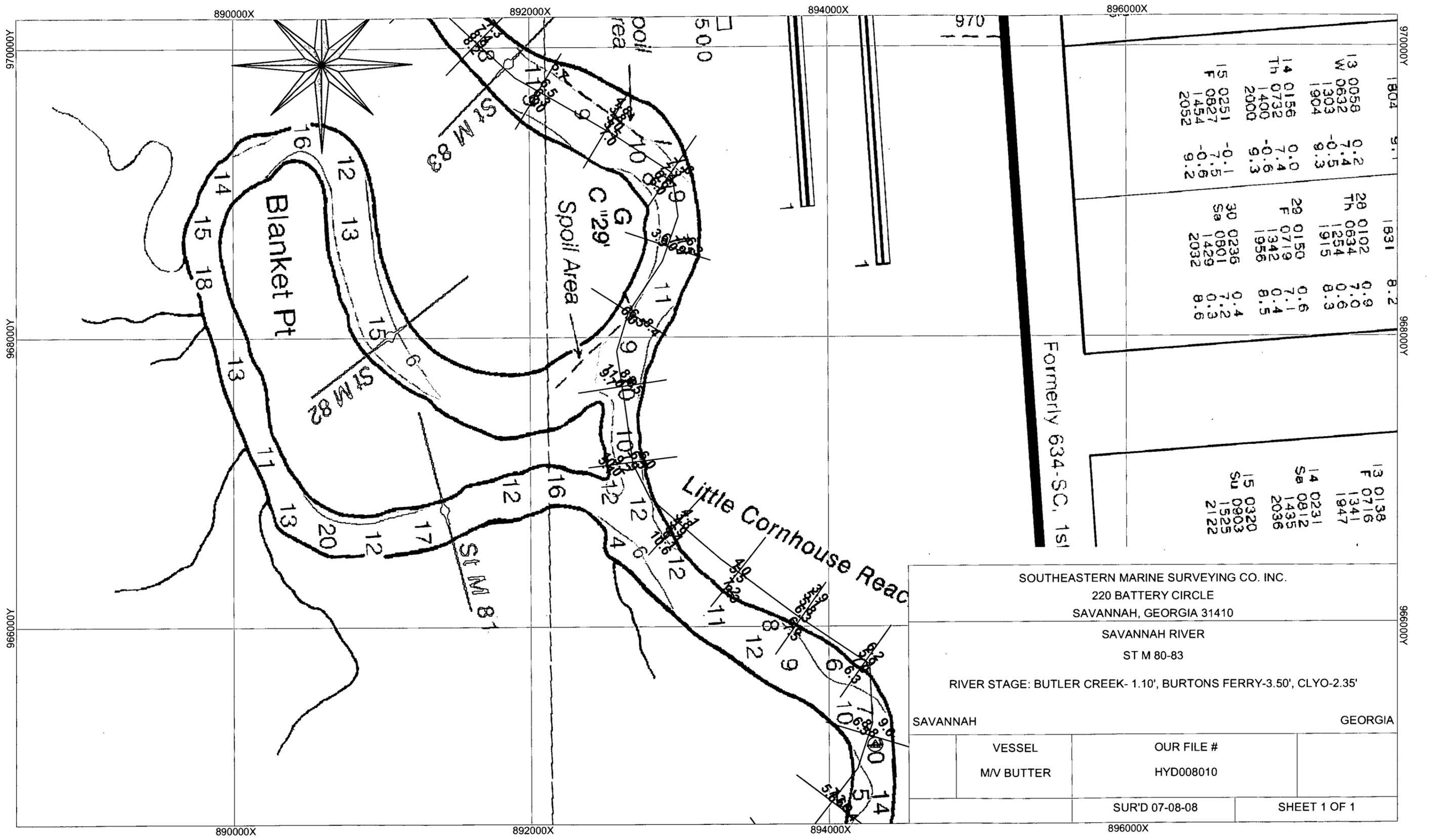
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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 74-75 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-08-08 | | SHEET 1 OF 1 | |



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|---|-------------------------|--------------|--|
| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 78-79 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL MV BUTTER | OUR FILE # HYD008010 | | |
| SUR'D 07-08-08 | | SHEET 1 OF 1 | |



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|---|------------|--------------|--|
| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 79-80 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-08-08 | | SHEET 1 OF 1 | |



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|----|------|------|------|-----|
| 13 | 0058 | 0.2 | 1804 | 8.1 |
| W | 0632 | 7.4 | 1831 | 8.2 |
| | 1303 | -0.5 | 29 | 0.8 |
| | 1904 | 9.3 | Th | 7.0 |
| | | | | 0.6 |
| | | | | 8.3 |
| 14 | 0156 | 0.0 | 29 | 0.6 |
| Th | 0732 | 7.4 | F | 7.1 |
| | 1400 | -0.6 | | 0.4 |
| | 2000 | 9.3 | | 8.5 |
| 15 | 0251 | -0.1 | 30 | 0.4 |
| F | 0827 | 7.5 | Sa | 7.2 |
| | 1454 | -0.6 | | 0.3 |
| | 2052 | 9.2 | | 8.6 |

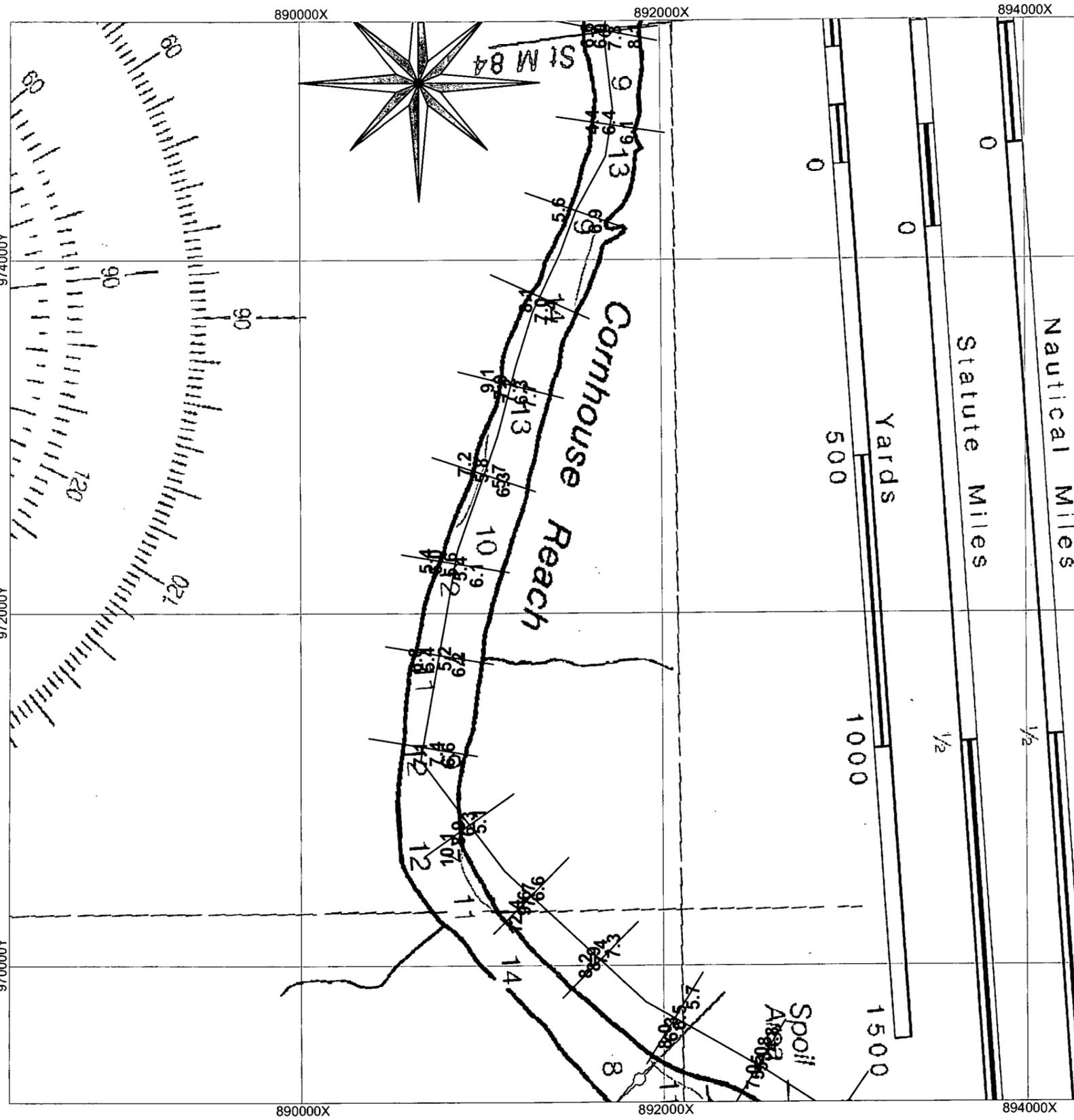
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|----|------|--|
| 13 | 0138 | |
| F | 0716 | |
| | 1341 | |
| | 1947 | |
| 14 | 0231 | |
| Sa | 0812 | |
| | 1435 | |
| | 2036 | |
| 15 | 0320 | |
| Su | 0903 | |
| | 1525 | |
| | 2122 | |

SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 80-83

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35'

| | | | |
|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-08-08 | | SHEET 1 OF 1 | |



SCALE 1:20,000

32° 40'

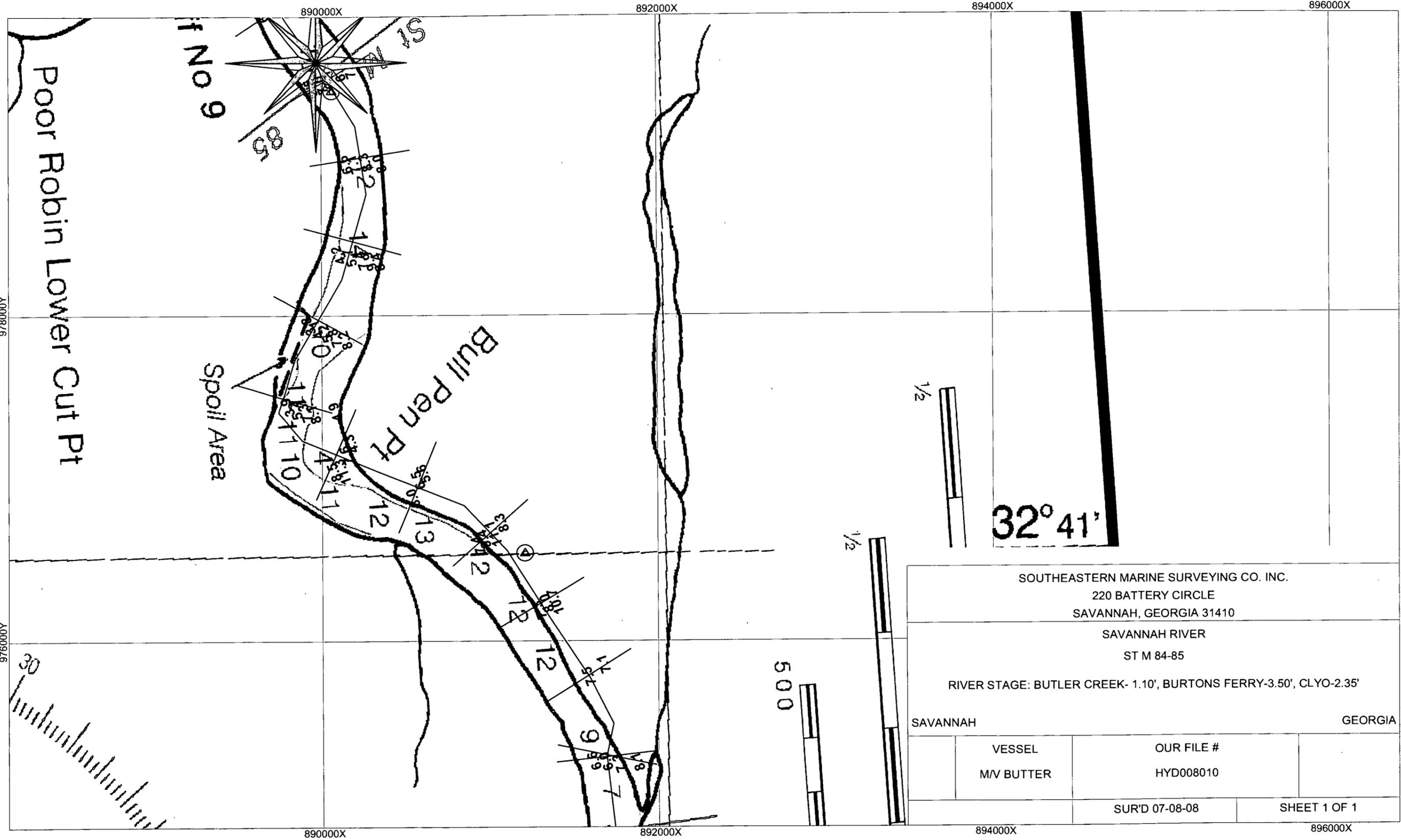
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| 0.9 6.9 0.6 | 25 0130 Su 0804 1406 2016 | 8.1 0.8 7.0 0.5 | 10 0109 Tu 0800 1341 1953 | 1.0 7.1 1.1 0.9 | 26 0357 Th 1034 1636 2256 | 7.8 0.8 7.6 0.9 | 11 0212 W 0906 1442 2109 | 7.8 1.0 7.3 0.9 | 27 0447 F 1122 1727 2348 | 7.7 0.7 7.9 0.7 | 12 0317 Th 1011 1545 2225 | 7.9 0.7 7.6 0.7 | 28 0537 Sa 1206 1816 | 7.7 0.5 7.7 0.5 | 13 0422 F 1111 1648 2334 | 8.0 0.3 8.0 0.4 | 29 0636 Su 0624 1249 1901 | 0.6 0.7 0.5 8.3 | 30 0122 M 0707 1329 1940 | 0.5 7.7 0.4 8.5 | 31 0107 Sa 0703 1329 1933 | 0.1 8.0 0.1 8.1 | 01 0107 Su 0804 1406 2016 | 0.1 8.0 0.1 8.1 | 02 0212 M 0906 1442 2109 | 0.2 8.1 0.2 8.2 | 03 0317 Tu 0800 1341 1953 | 0.3 8.2 0.3 8.3 | 04 0422 W 0906 1442 2109 | 0.4 8.3 0.4 8.4 | 05 0527 Th 1034 1636 2256 | 0.5 8.4 0.5 8.5 | 06 0632 F 1122 1727 2348 | 0.6 8.5 0.6 8.6 | 07 0737 Sa 1206 1816 | 0.7 8.6 0.7 8.7 | 08 0842 Su 0624 1249 1901 | 0.8 8.7 0.8 8.8 | 09 0947 M 0707 1329 1940 | 0.9 8.8 0.9 8.9 | 10 1052 Tu 0800 1341 1953 | 1.0 8.9 1.0 9.0 | 11 1157 W 0906 1442 2109 | 1.1 9.0 1.1 9.1 | 12 1202 Th 1034 1636 2256 | 1.2 9.1 1.2 9.2 | 13 1307 F 1122 1727 2348 | 1.3 9.2 1.3 9.3 | 14 1412 Sa 1206 1816 | 1.4 9.3 1.4 9.4 | 15 1517 Su 0624 1249 1901 | 1.5 9.4 1.5 9.5 | 16 1622 M 0707 1329 1940 | 1.6 9.5 1.6 9.6 | 17 1727 Tu 0800 1341 1953 | 1.7 9.6 1.7 9.7 | 18 1832 W 0906 1442 2109 | 1.8 9.7 1.8 9.8 | 19 1937 Th 1034 1636 2256 | 1.9 9.8 1.9 9.9 | 20 2042 F 1122 1727 2348 | 2.0 9.9 2.0 10.0 | 21 2147 Sa 1206 1816 | 2.1 10.0 2.1 10.1 | 22 2252 Su 0624 1249 1901 | 2.2 10.1 2.2 10.2 | 23 2357 M 0707 1329 1940 | 2.3 10.2 2.3 10.3 | 24 2402 Tu 0800 1341 1953 | 2.4 10.3 2.4 10.4 | 25 2507 W 0906 1442 2109 | 2.5 10.4 2.5 10.5 | 26 2612 Th 1034 1636 2256 | 2.6 10.5 2.6 10.6 | 27 2717 F 1122 1727 2348 | 2.7 10.6 2.7 10.7 | 28 2822 Sa 1206 1816 | 2.8 10.7 2.8 10.8 | 29 2927 Su 0624 1249 1901 | 2.9 10.8 2.9 10.9 | 30 3032 M 0707 1329 1940 | 3.0 10.9 3.0 11.0 | 31 3137 Tu 0800 1341 1953 | 3.1 11.0 3.1 11.1 | 32 3242 W 0906 1442 2109 | 3.2 11.1 3.2 11.2 | 33 3347 Th 1034 1636 2256 | 3.3 11.2 3.3 11.3 | 34 3452 F 1122 1727 2348 | 3.4 11.3 3.4 11.4 | 35 3557 Sa 1206 1816 | 3.5 11.4 3.5 11.5 | 36 3602 Su 0624 1249 1901 | 3.6 11.5 3.6 11.6 | 37 3707 M 0707 1329 1940 | 3.7 11.6 3.7 11.7 | 38 3812 Tu 0800 1341 1953 | 3.8 11.7 3.8 11.8 | 39 3917 W 0906 1442 2109 | 3.9 11.8 3.9 11.9 | 40 4022 Th 1034 1636 2256 | 4.0 11.9 4.0 12.0 | 41 4127 F 1122 1727 2348 | 4.1 12.0 4.1 12.1 | 42 4232 Sa 1206 1816 | 4.2 12.1 4.2 12.2 | 43 4337 Su 0624 1249 1901 | 4.3 12.2 4.3 12.3 | 44 4442 M 0707 1329 1940 | 4.4 12.3 4.4 12.4 | 45 4547 Tu 0800 1341 1953 | 4.5 12.4 4.5 12.5 | 46 4652 W 0906 1442 2109 | 4.6 12.5 4.6 12.6 | 47 4757 Th 1034 1636 2256 | 4.7 12.6 4.7 12.7 | 48 4802 F 1122 1727 2348 | 4.8 12.7 4.8 12.8 | 49 4907 Sa 1206 1816 | 4.9 12.8 4.9 12.9 | 50 5012 Su 0624 1249 1901 | 5.0 12.9 5.0 13.0 | 51 5117 M 0707 1329 1940 | 5.1 13.0 5.1 13.1 | 52 5222 Tu 0800 1341 1953 | 5.2 13.1 5.2 13.2 | 53 5327 W 0906 1442 2109 | 5.3 13.2 5.3 13.3 | 54 5432 Th 1034 1636 2256 | 5.4 13.3 5.4 13.4 | 55 5537 F 1122 1727 2348 | 5.5 13.4 5.5 13.5 | 56 5642 Sa 1206 1816 | 5.6 13.5 5.6 13.6 | 57 5747 Su 0624 1249 1901 | 5.7 13.6 5.7 13.7 | 58 5852 M 0707 1329 1940 | 5.8 13.7 5.8 13.8 | 59 5957 Tu 0800 1341 1953 | 5.9 13.8 5.9 13.9 | 60 6002 W 0906 1442 2109 | 6.0 13.9 6.0 14.0 | 61 6107 Th 1034 1636 2256 | 6.1 14.0 6.1 14.1 | 62 6212 F 1122 1727 2348 | 6.2 14.1 6.2 14.2 | 63 6317 Sa 1206 1816 | 6.3 14.2 6.3 14.3 | 64 6422 Su 0624 1249 1901 | 6.4 14.3 6.4 14.4 | 65 6527 M 0707 1329 1940 | 6.5 14.4 6.5 14.5 | 66 6632 Tu 0800 1341 1953 | 6.6 14.5 6.6 14.6 | 67 6737 W 0906 1442 2109 | 6.7 14.6 6.7 14.7 | 68 6842 Th 1034 1636 2256 | 6.8 14.7 6.8 14.8 | 69 6947 F 1122 1727 2348 | 6.9 14.8 6.9 14.9 | 70 7052 Sa 1206 1816 | 7.0 14.9 7.0 15.0 | 71 7157 Su 0624 1249 1901 | 7.1 15.0 7.1 15.1 | 72 7262 M 0707 1329 1940 | 7.2 15.1 7.2 15.2 | 73 7367 Tu 0800 1341 1953 | 7.3 15.2 7.3 15.3 | 74 7472 W 0906 1442 2109 | 7.4 15.3 7.4 15.4 | 75 7577 Th 1034 1636 2256 | 7.5 15.4 7.5 15.5 | 76 7682 F 1122 1727 2348 | 7.6 15.5 7.6 15.6 | 77 7787 Sa 1206 1816 | 7.7 15.6 7.7 15.7 | 78 7892 Su 0624 1249 1901 | 7.8 15.7 7.8 15.8 | 79 7997 M 0707 1329 1940 | 7.9 15.8 7.9 15.9 | 80 8102 Tu 0800 1341 1953 | 8.0 15.9 8.0 16.0 | 81 8207 W 0906 1442 2109 | 8.1 16.0 8.1 16.1 | 82 8312 Th 1034 1636 2256 | 8.2 16.1 8.2 16.2 | 83 8417 F 1122 1727 2348 | 8.3 16.2 8.3 16.3 | 84 8522 Sa 1206 1816 | 8.4 16.3 8.4 16.4 | 85 8627 Su 0624 1249 1901 | 8.5 16.4 8.5 16.5 | 86 8732 M 0707 1329 1940 | 8.6 16.5 8.6 16.6 | 87 8837 Tu 0800 1341 1953 | 8.7 16.6 8.7 16.7 | 88 8942 W 0906 1442 2109 | 8.8 16.7 8.8 16.8 | 89 9047 Th 1034 1636 2256 | 8.9 16.8 8.9 16.9 | 90 9152 F 1122 1727 2348 | 9.0 16.9 9.0 17.0 | 91 9257 Sa 1206 1816 | 9.1 17.0 9.1 17.1 | 92 9362 Su 0624 1249 1901 | 9.2 17.1 9.2 17.2 | 93 9467 M 0707 1329 1940 | 9.3 17.2 9.3 17.3 | 94 9572 Tu 0800 1341 1953 | 9.4 17.3 9.4 17.4 | 95 9677 W 0906 1442 2109 | 9.5 17.4 9.5 17.5 | 96 9782 Th 1034 1636 2256 | 9.6 17.5 9.6 17.6 | 97 9887 F 1122 1727 2348 | 9.7 17.6 9.7 17.7 | 98 9992 Sa 1206 1816 | 9.8 17.7 9.8 17.8 | 99 10097 Su 0624 1249 1901 | 9.9 17.8 9.9 17.9 | 100 10202 M 0707 1329 1940 | 10.0 17.9 10.0 18.0 |
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SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

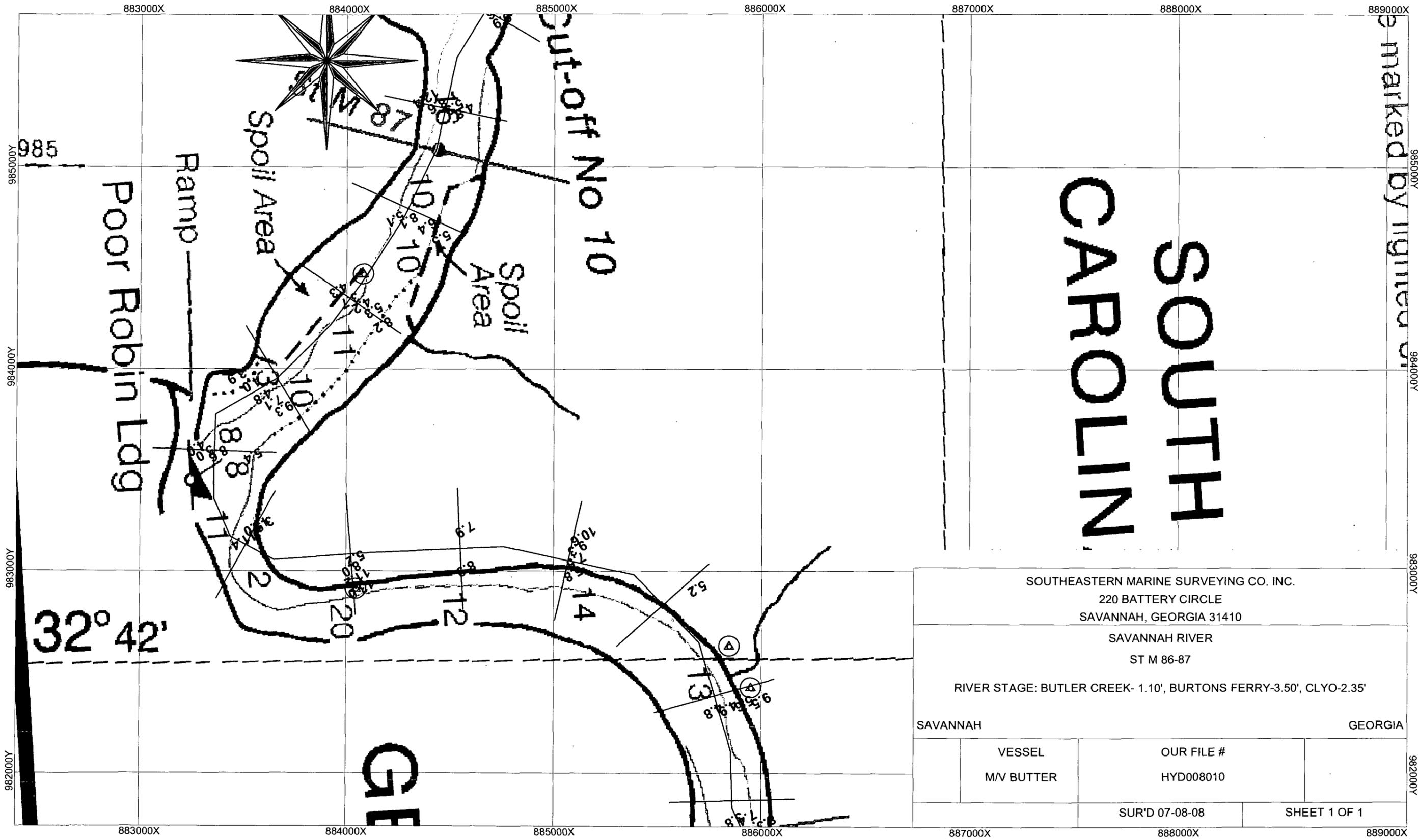
SAVANNAH RIVER
 ST M 83-84

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35'

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| SAVANNAH | GEORGIA |
| VESSEL M/V BUTTER | OUR FILE # HYD008010 |
| SUR'D 07-08-08 | |
| SHEET 1 OF 1 | |



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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 84-85 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL M/V BUTTER | OUR FILE # HYD008010 | | |
| SUR'D 07-08-08 | | SHEET 1 OF 1 | |



SOUTH CAROLINA

SOUTHEASTERN MARINE SURVEYING CO. INC.
220 BATTERY CIRCLE
SAVANNAH, GEORGIA 31410

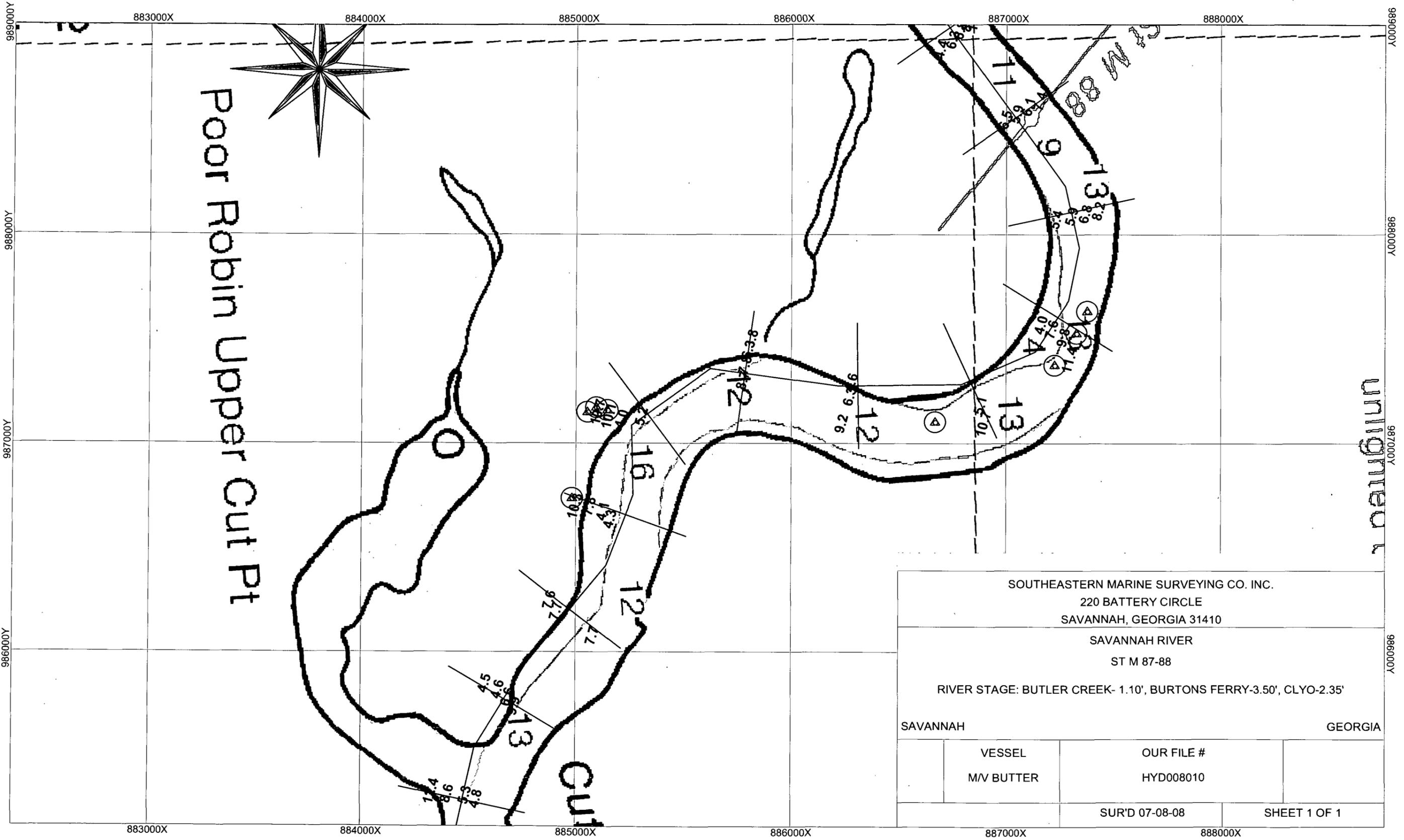
SAVANNAH RIVER
ST M 86-87

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35'

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| SAVANNAH | | GEORGIA | |
| VESSEL M/V BUTTER | OUR FILE # HYD008010 | | |
| SUR'D 07-08-08 | | SHEET 1 OF 1 | |

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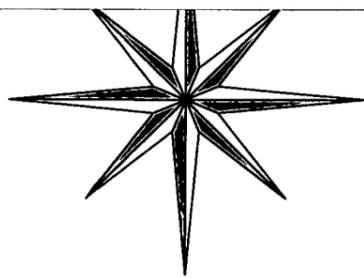


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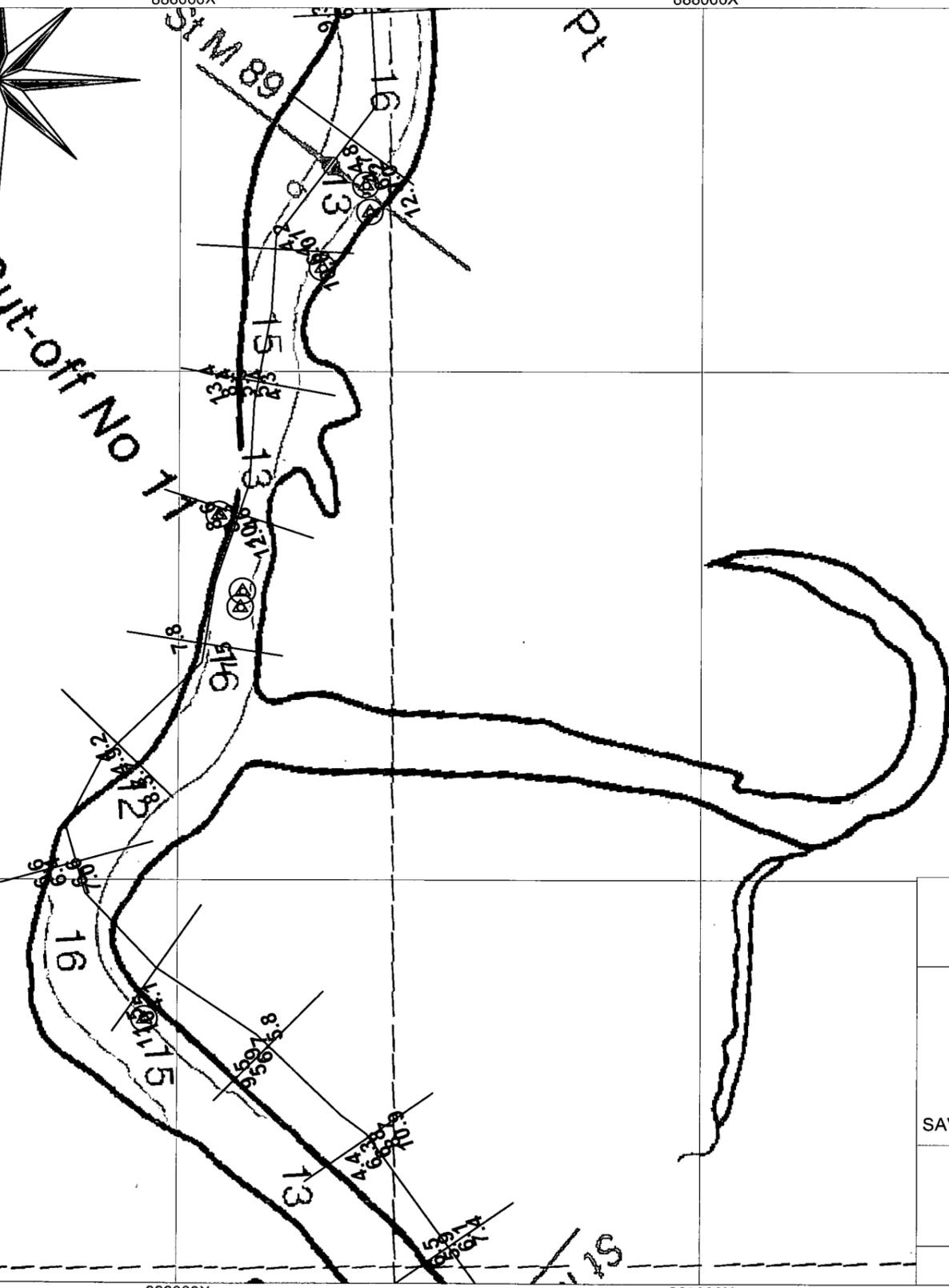
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St M 89 Pt

Cut-Off No 11



MOSI

SOUTHEASTERN MARINE SURVEYING CO. INC.
220 BATTERY CIRCLE
SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
ST M 88-89

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35'

SAVANNAH

GEORGIA

VESSEL
M/V BUTTER

OUR FILE #
HYD008010

SUR'D 07-08-08

SHEET 1 OF 1

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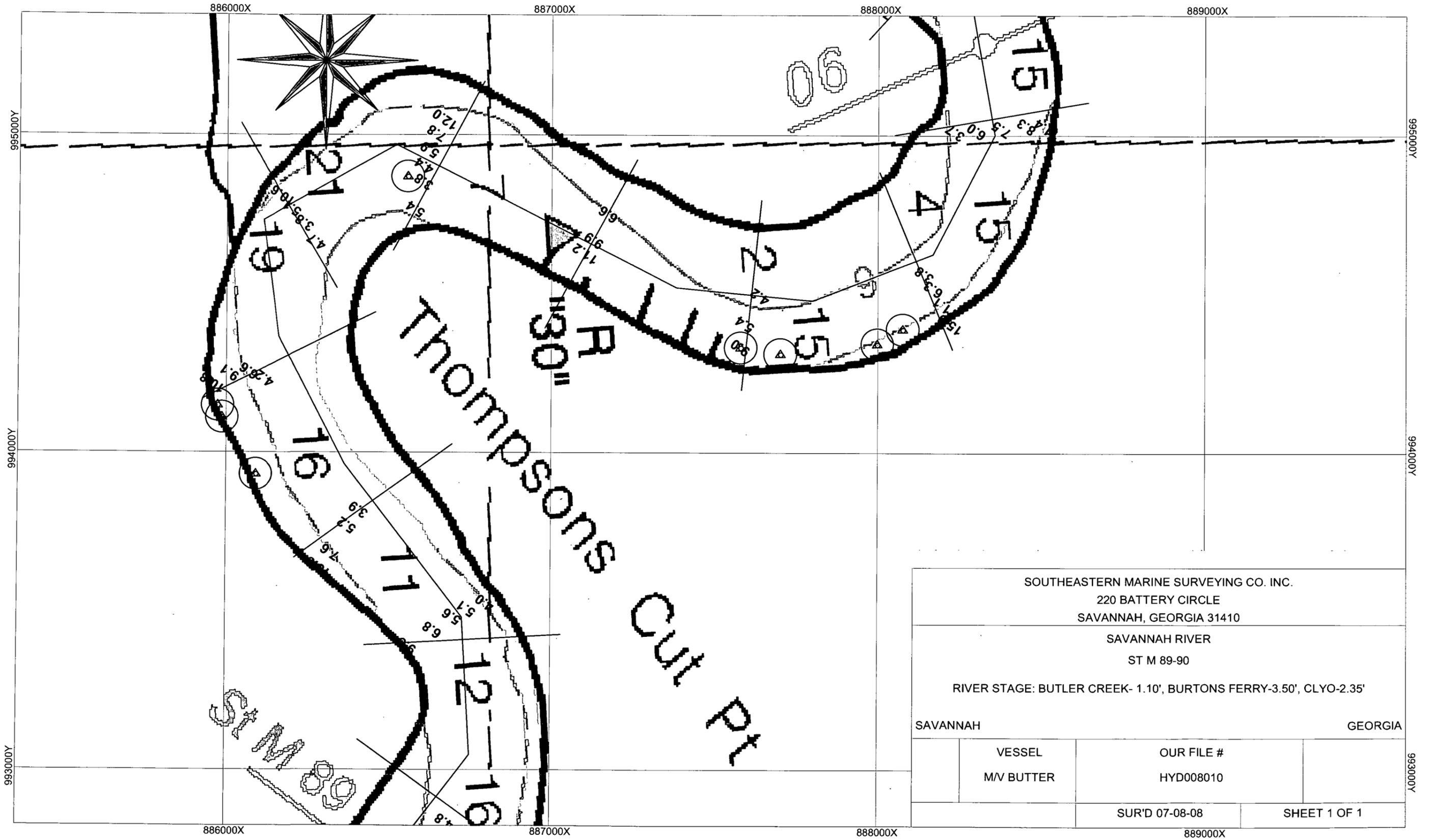
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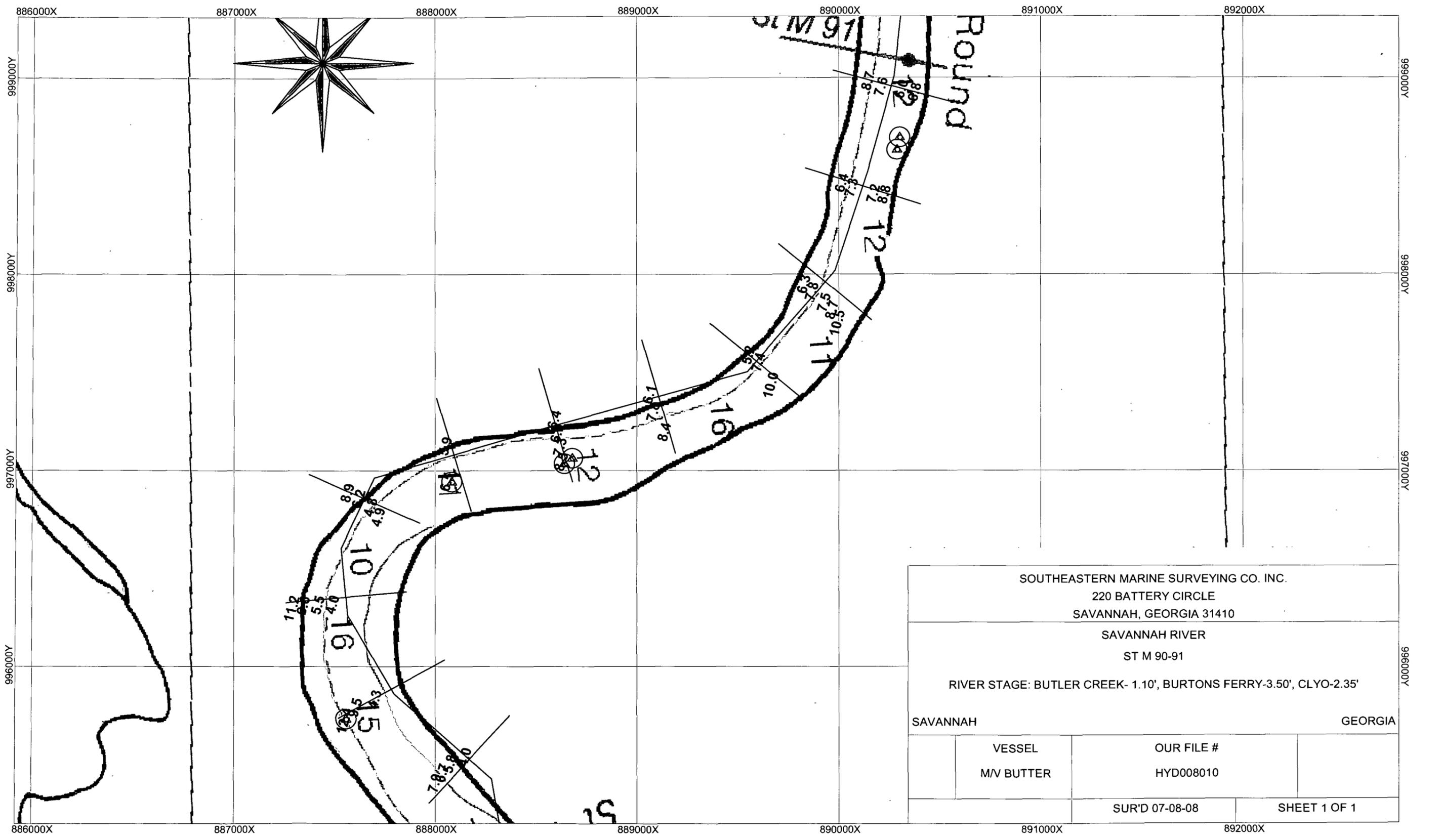
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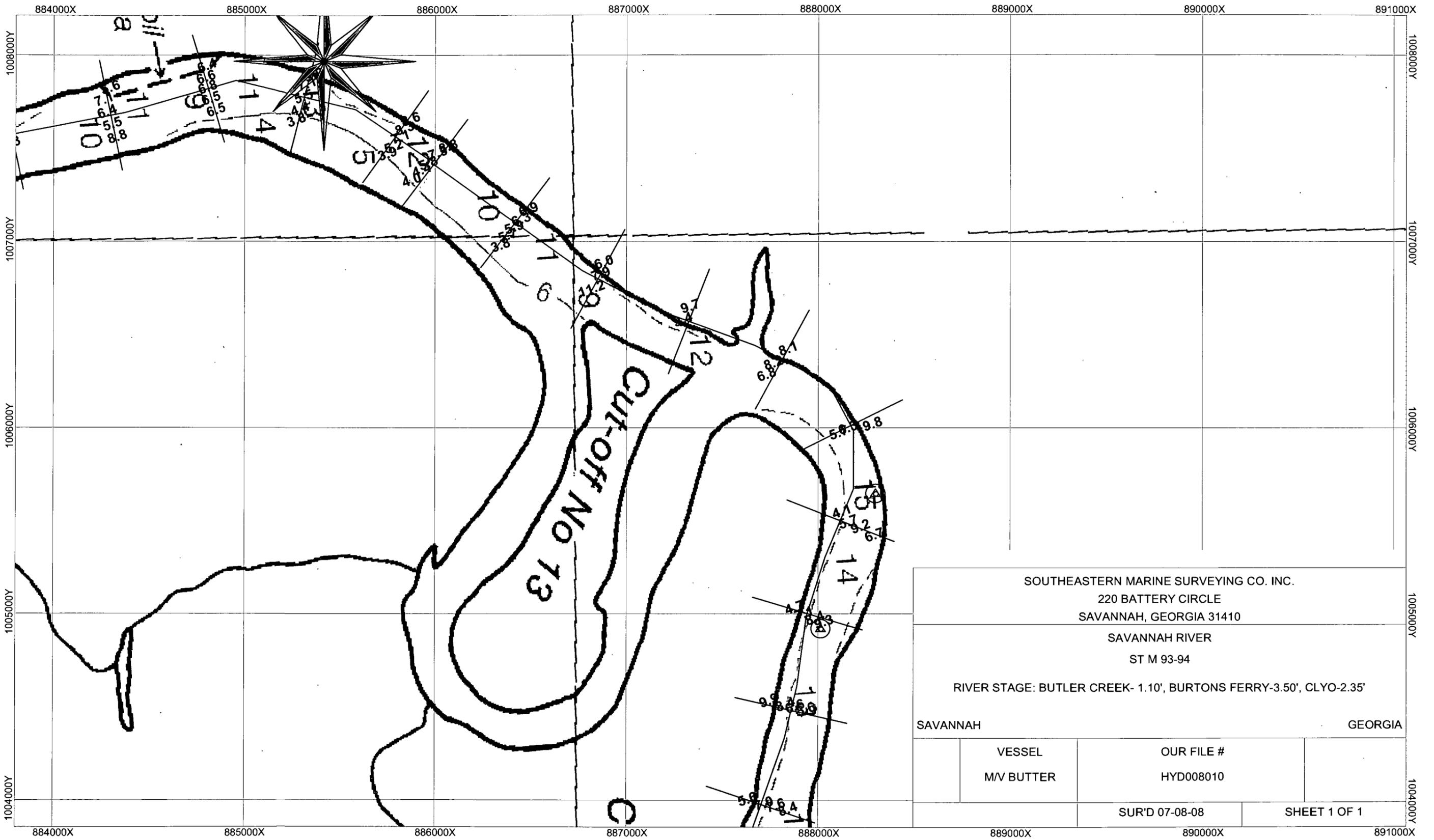
992000Y

990000Y



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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 89-90 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL MV BUTTER | OUR FILE # HYD008010 | | |
| SUR'D 07-08-08 | | SHEET 1 OF 1 | |



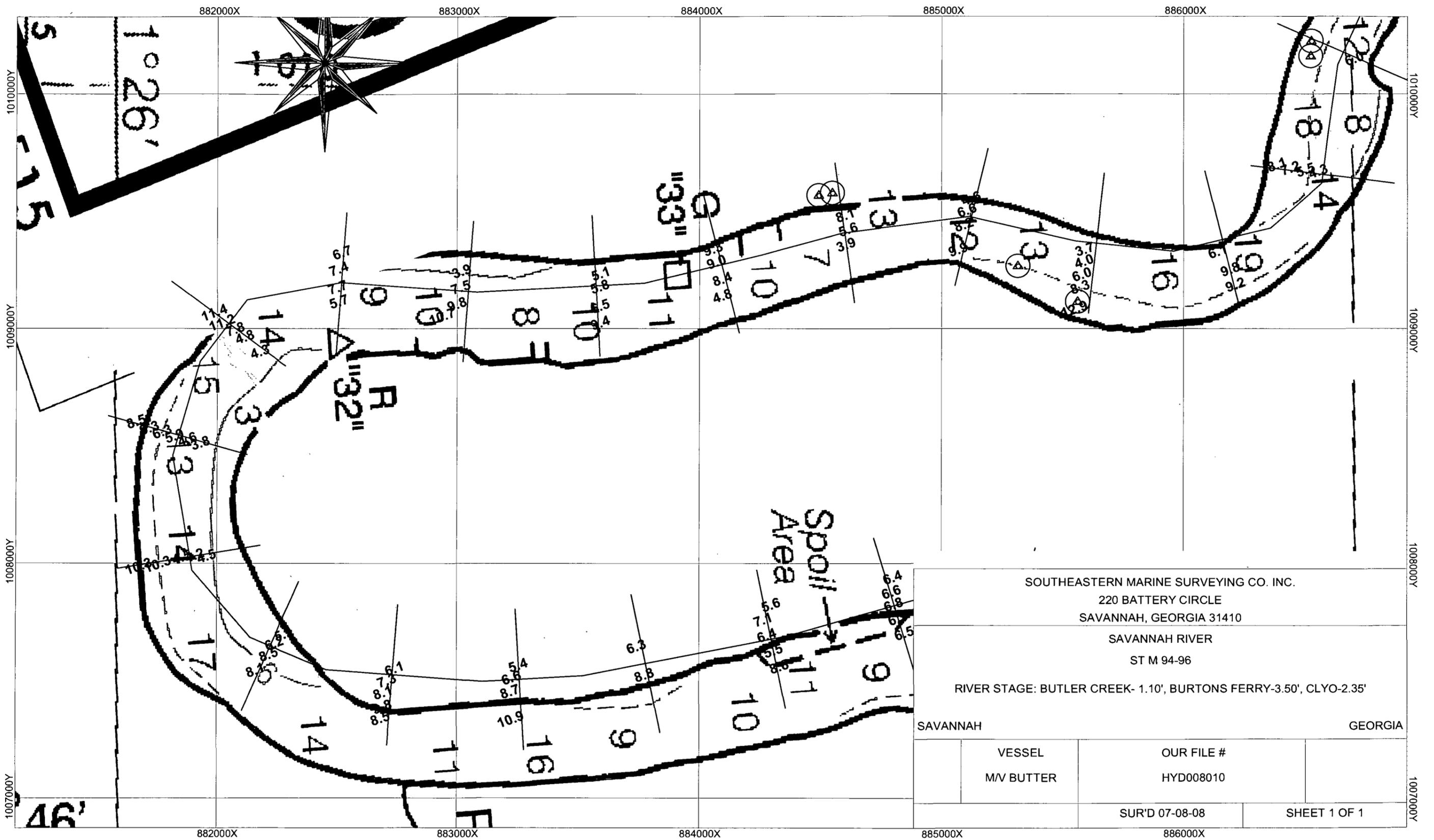


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 93-94

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35'

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|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-08-08 | | SHEET 1 OF 1 | |

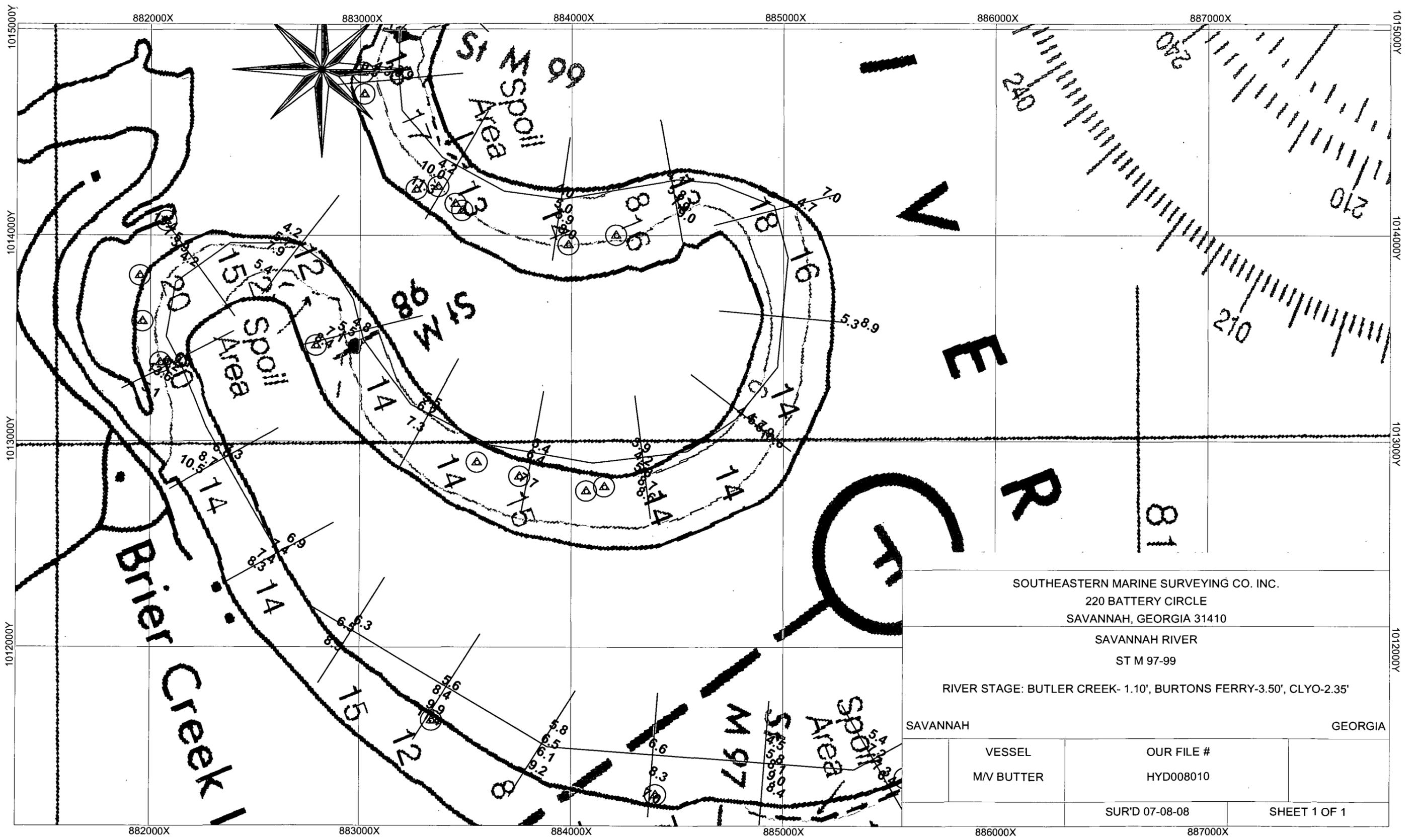


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 94-96

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35'

| | | | |
|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-08-08 | | SHEET 1 OF 1 | |



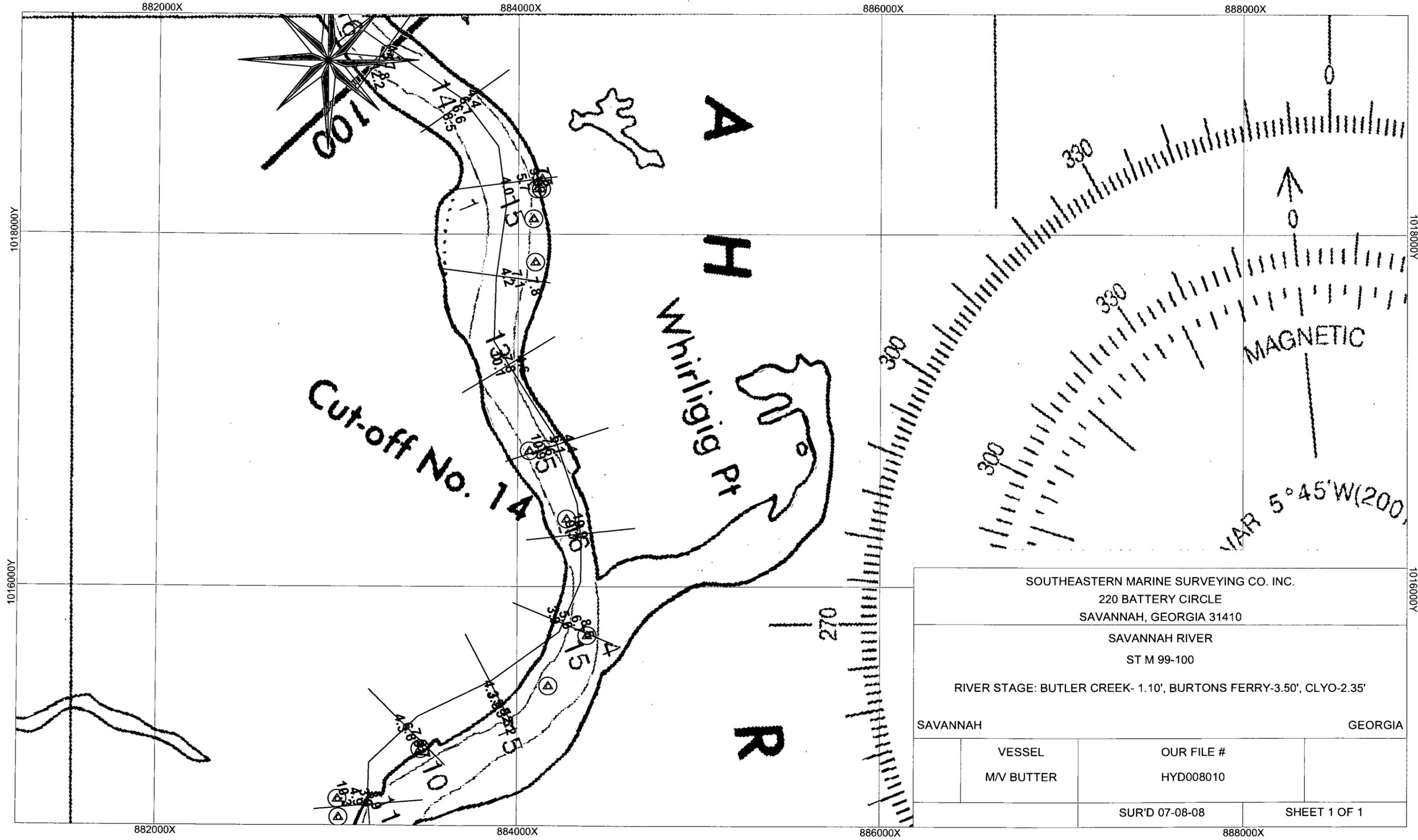
SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 97-99

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35'

SAVANNAH GEORGIA

| | |
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| VESEL | OUR FILE # |
| M/V BUTTER | HYD008010 |
| SUR'D 07-08-08 | |
| SHEET 1 OF 1 | |

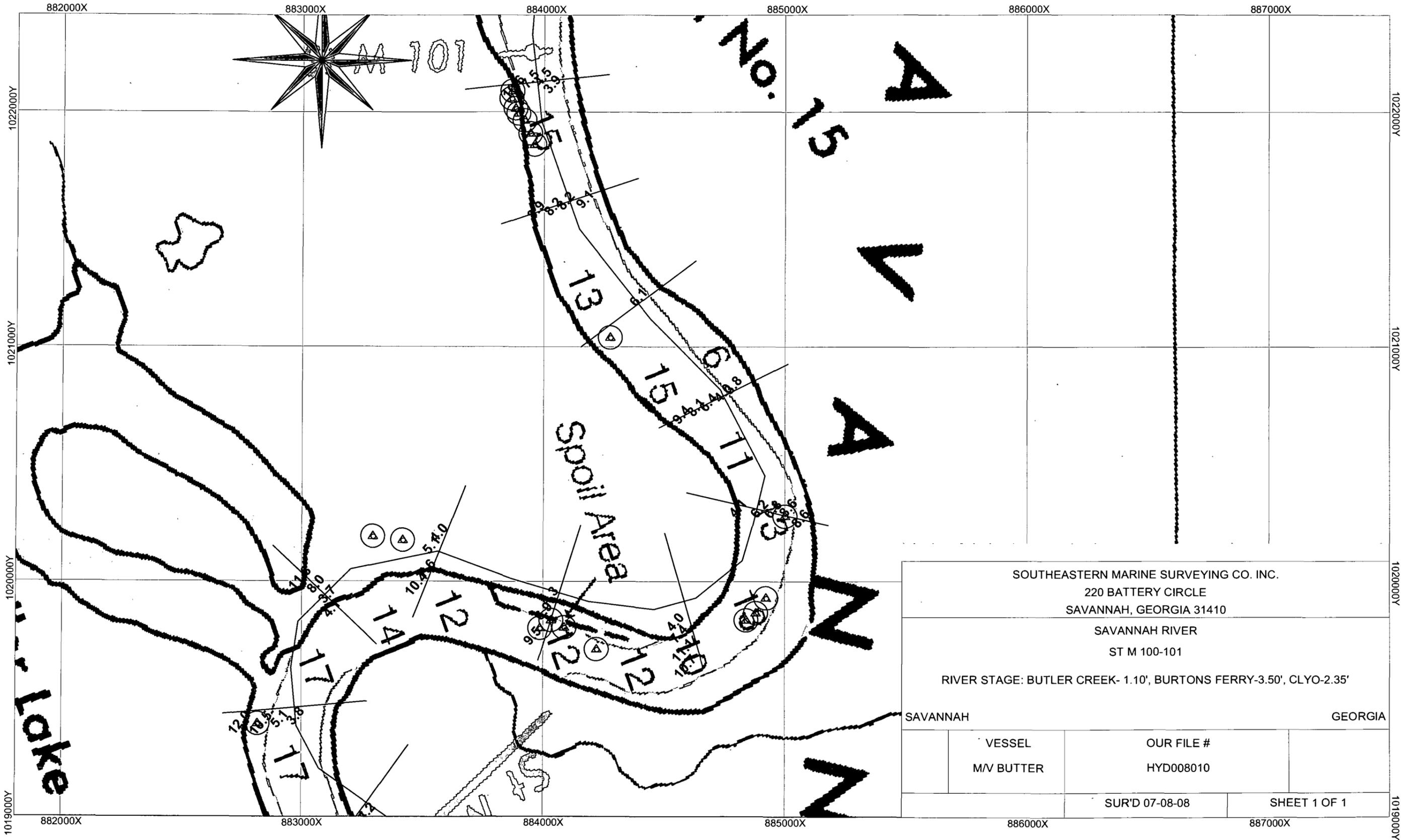


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 99-100

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35'

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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-08-08 | | SHEET 1 OF 1 | |

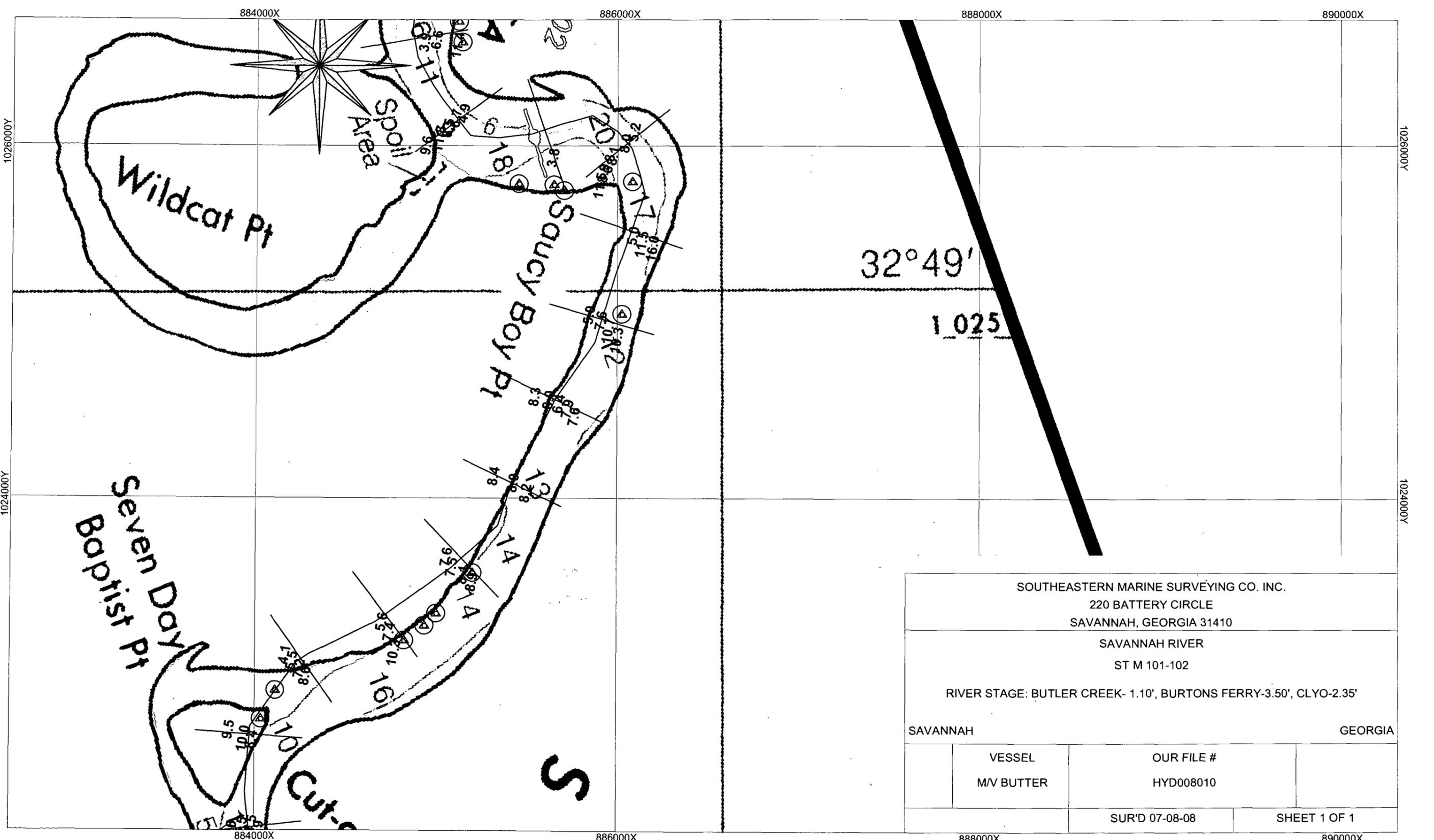


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 100-101

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35'

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| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-08-08 | | SHEET 1 OF 1 | |



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 101-102

RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35'

SAVANNAH

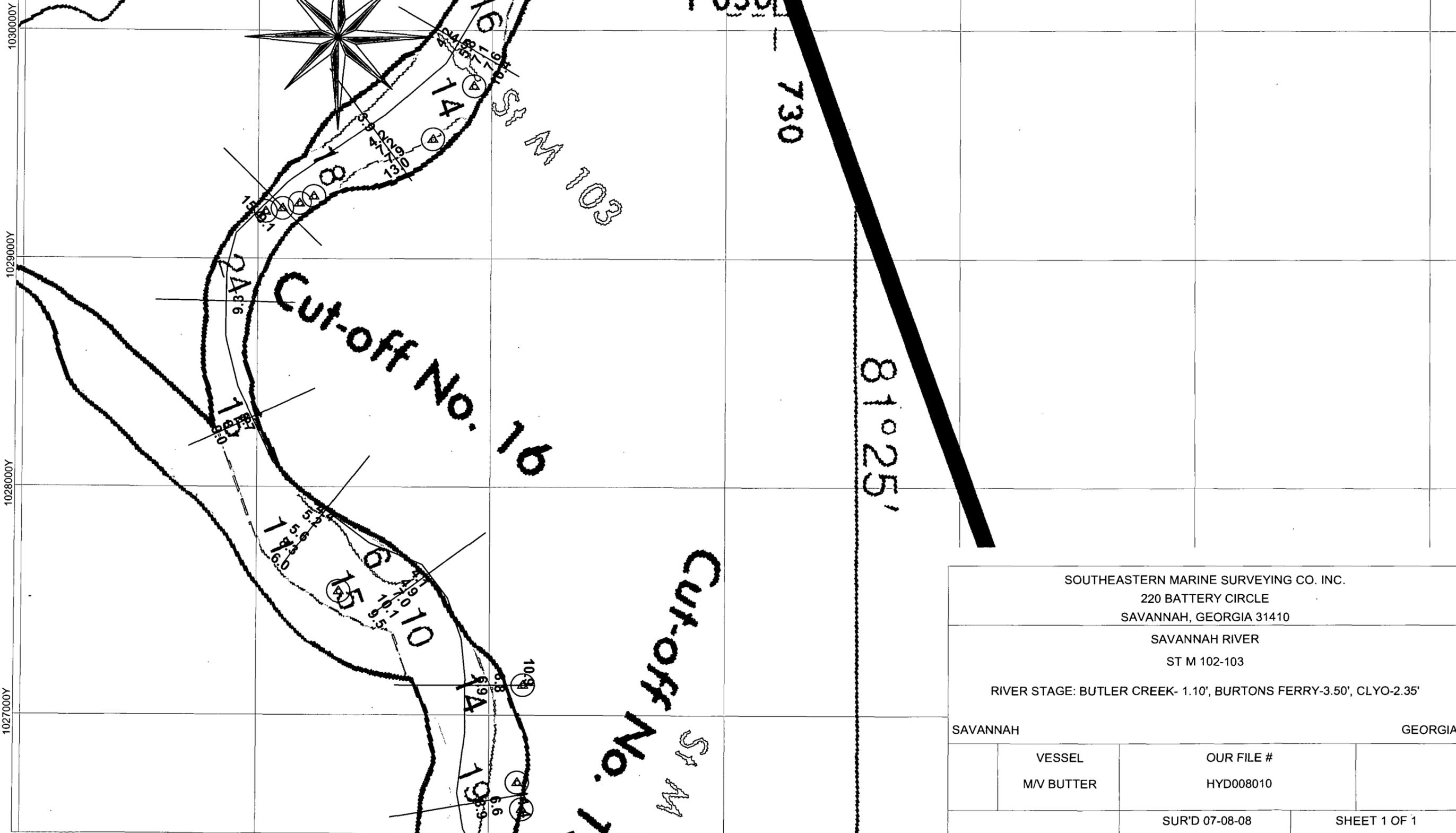
GEORGIA

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| | VESSEL M/V BUTTER | OUR FILE # HYD008010 | |
| | SUR'D 07-08-08 | | SHEET 1 OF 1 |

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890000X

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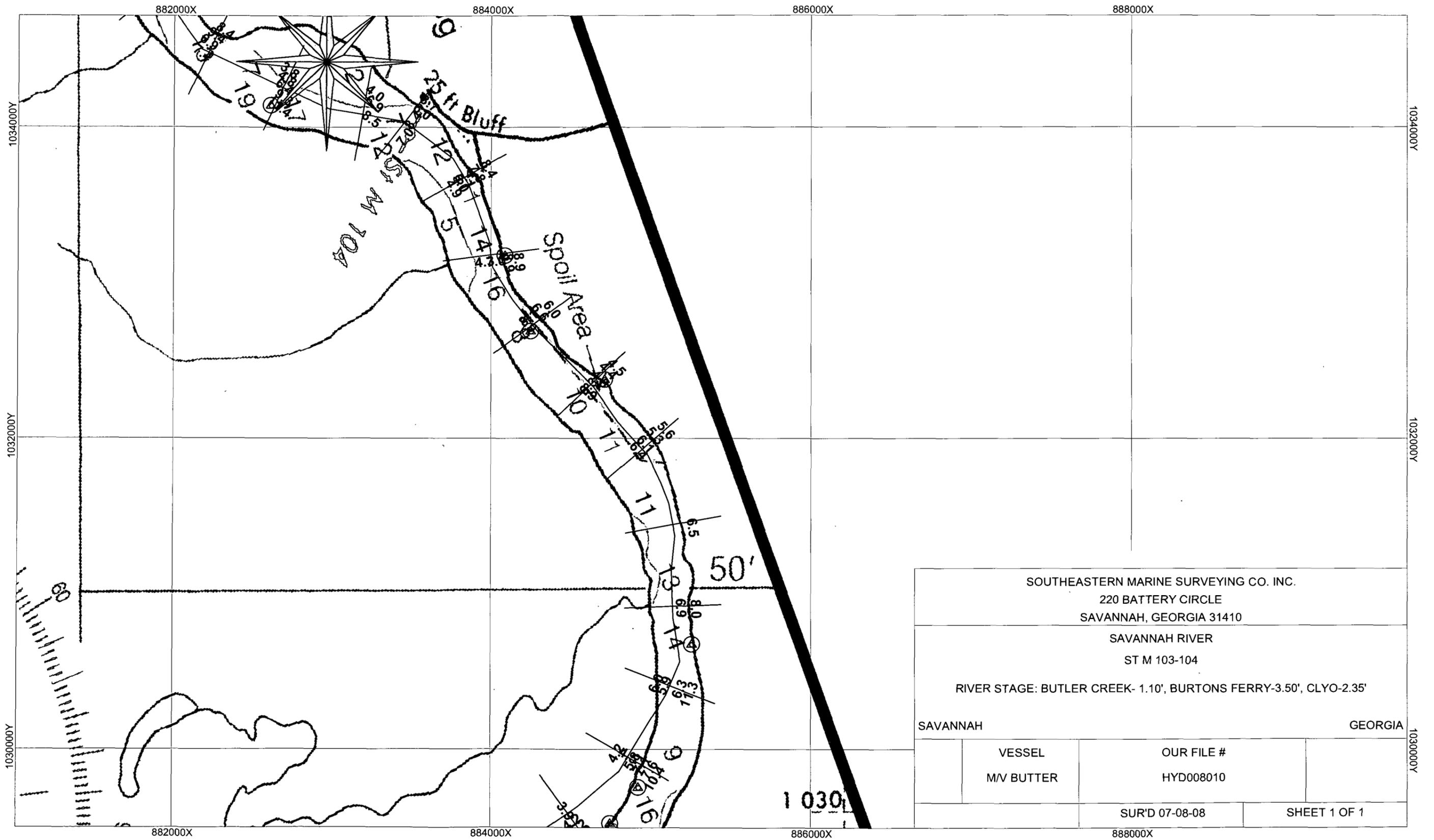


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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 102-103 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35' | | | |
| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 07-08-08 | | SHEET 1 OF 1 | |

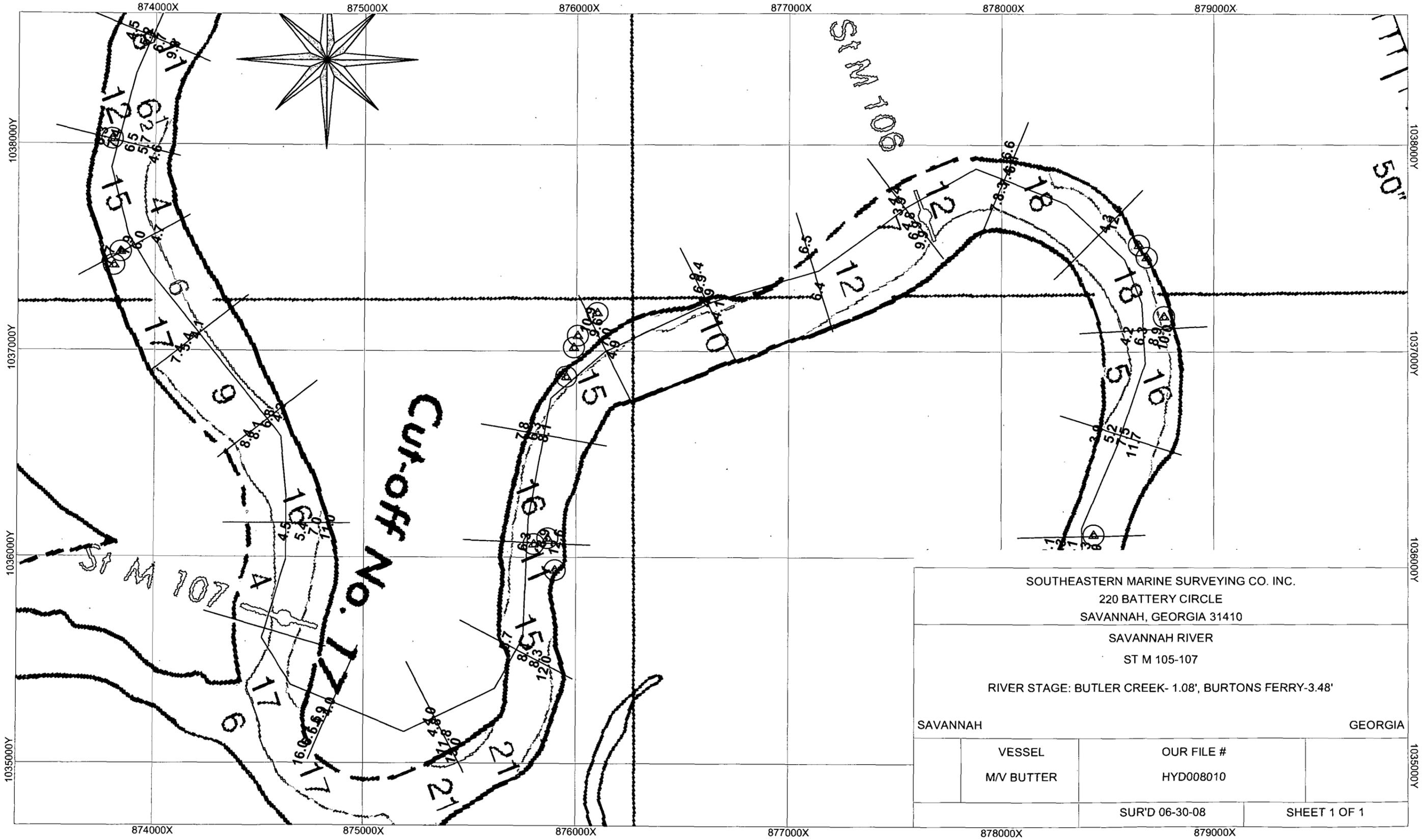
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1030000Y
1029000Y
1028000Y
1027000Y

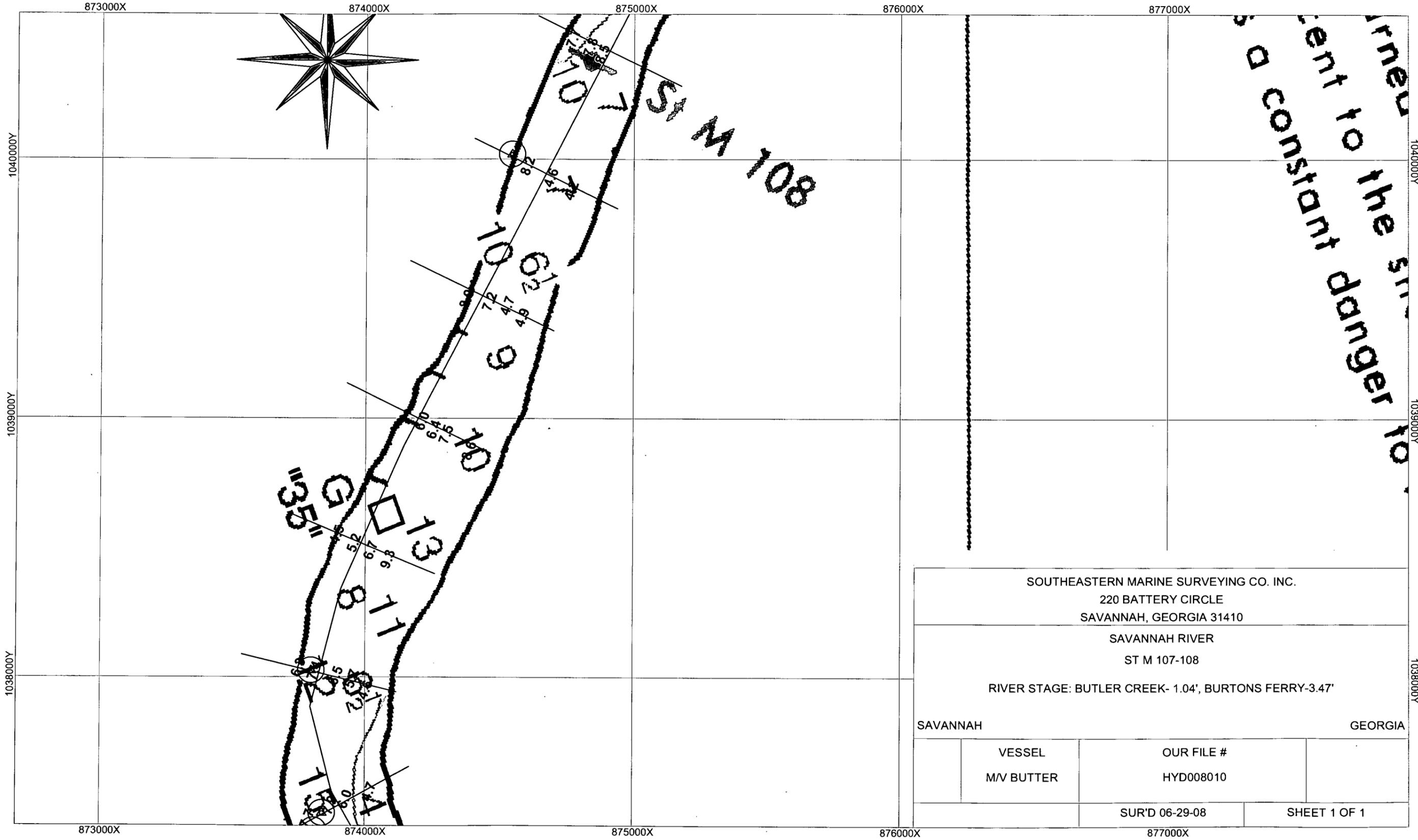
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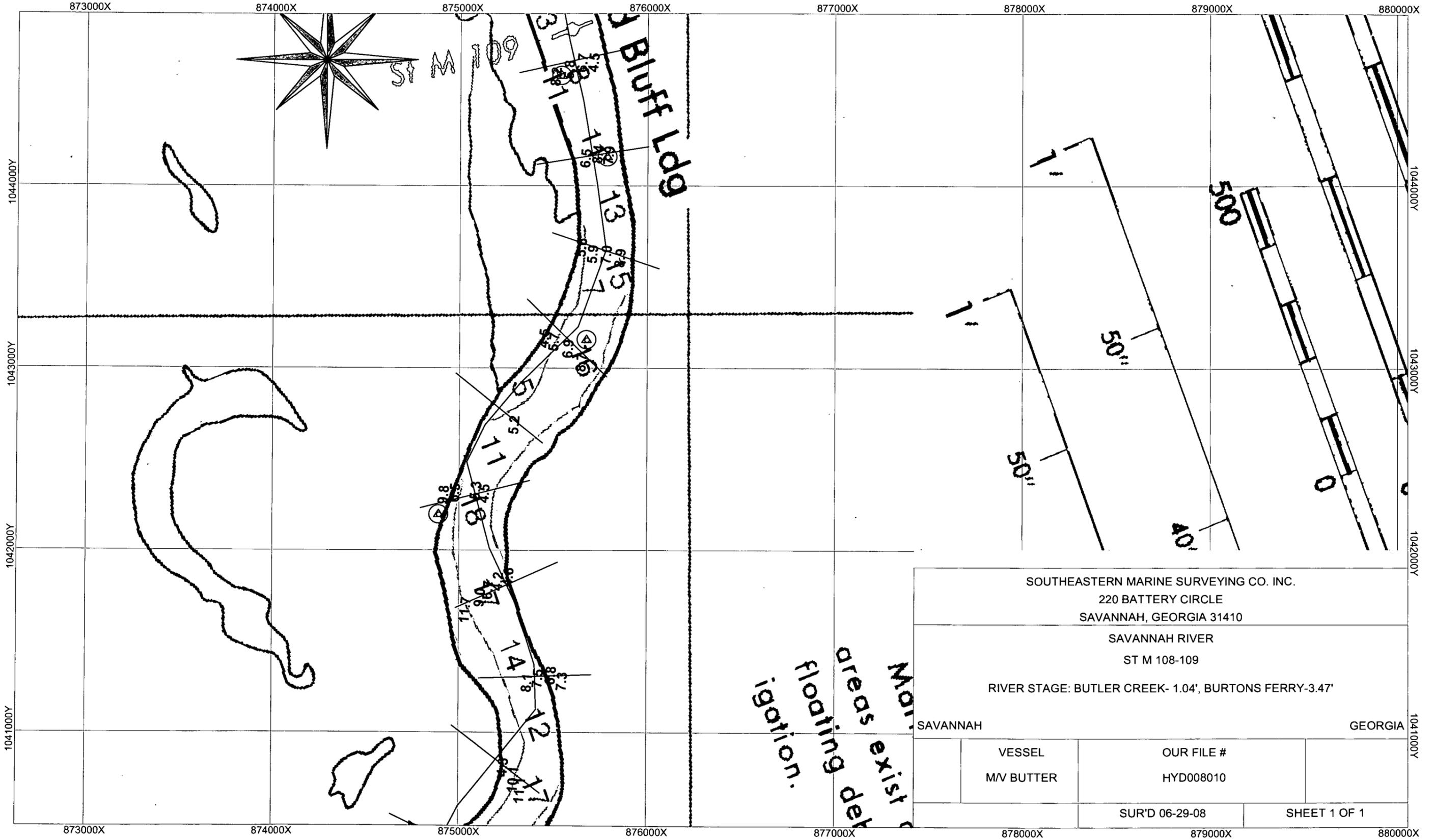


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|---|-------------------------|----------------|--------------|
| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 103-104 | | | |
| RIVER STAGE: BUTLER CREEK- 1.10', BURTONS FERRY-3.50', CLYO-2.35' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL M/V BUTTER | OUR FILE # HYD008010 | | |
| | | SUR'D 07-08-08 | SHEET 1 OF 1 |



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|---|--|-------------------------|--------------|
| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 105-107 | | | |
| RIVER STAGE: BUTLER CREEK- 1.08', BURTONS FERRY-3.48' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL M/V BUTTER | | OUR FILE # HYD008010 | |
| | | SUR'D 06-30-08 | SHEET 1 OF 1 |





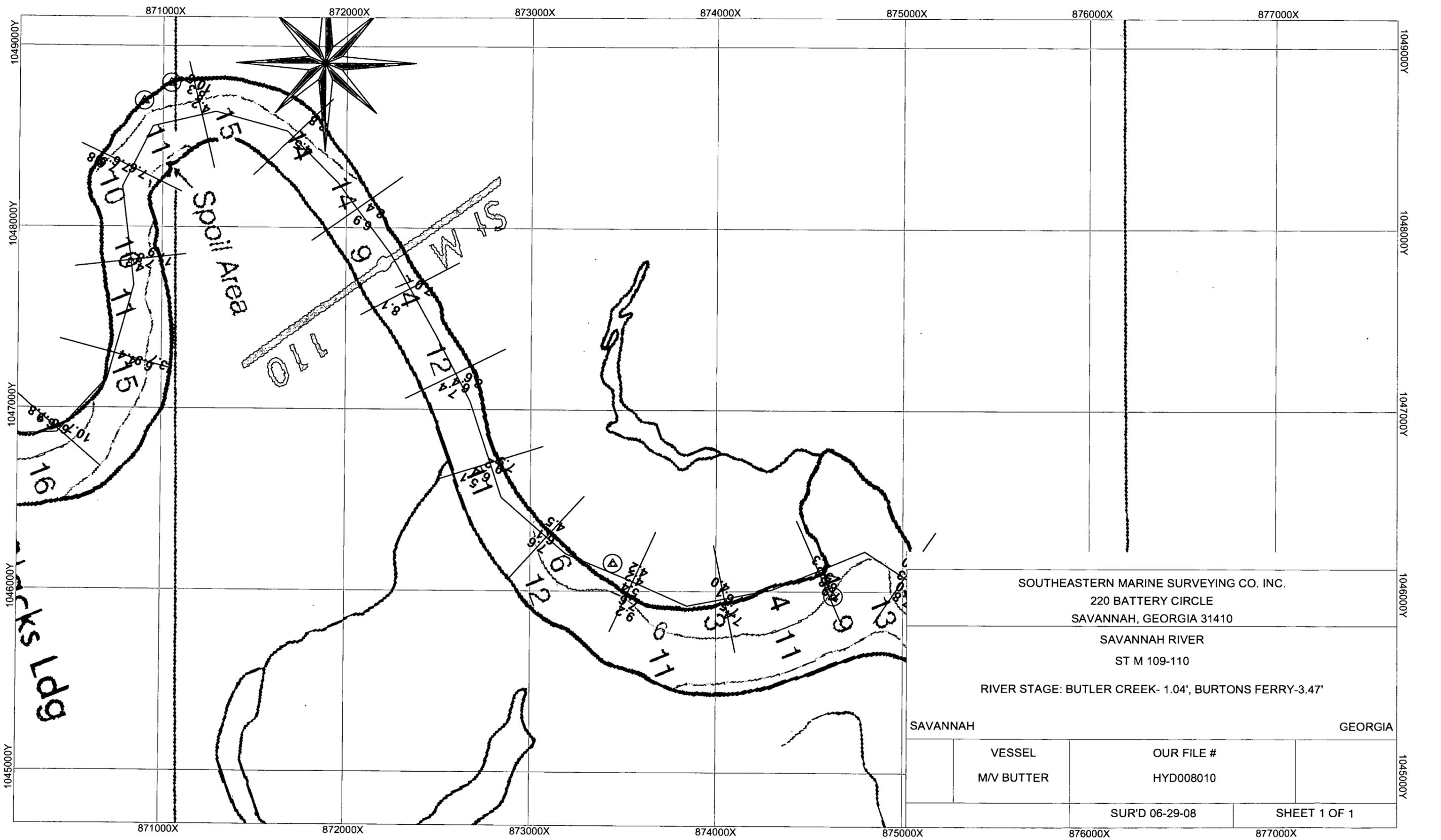
Major areas
 floating
 investigation.

SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 108-109

RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47'

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|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |

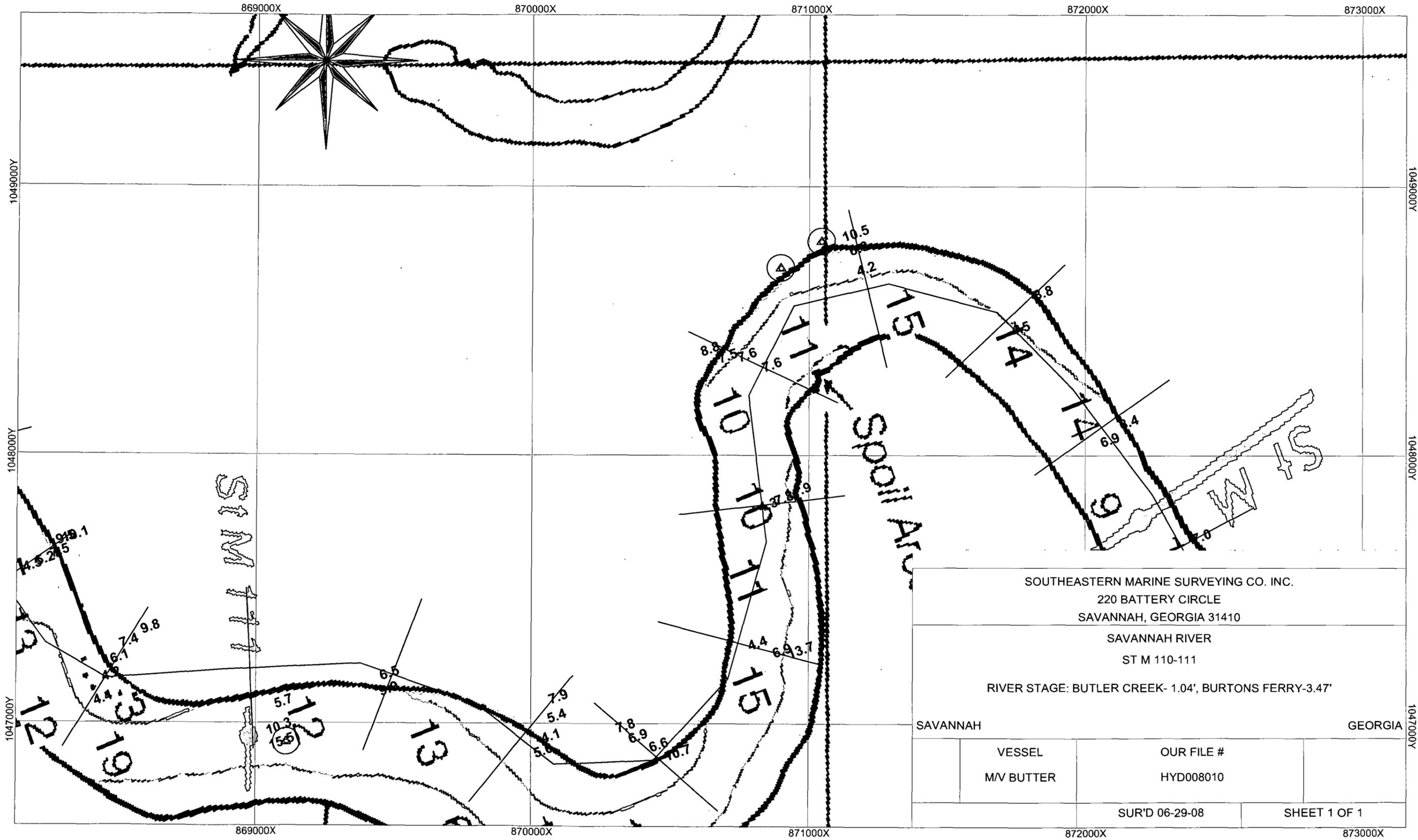


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 109-110

RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47'

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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |

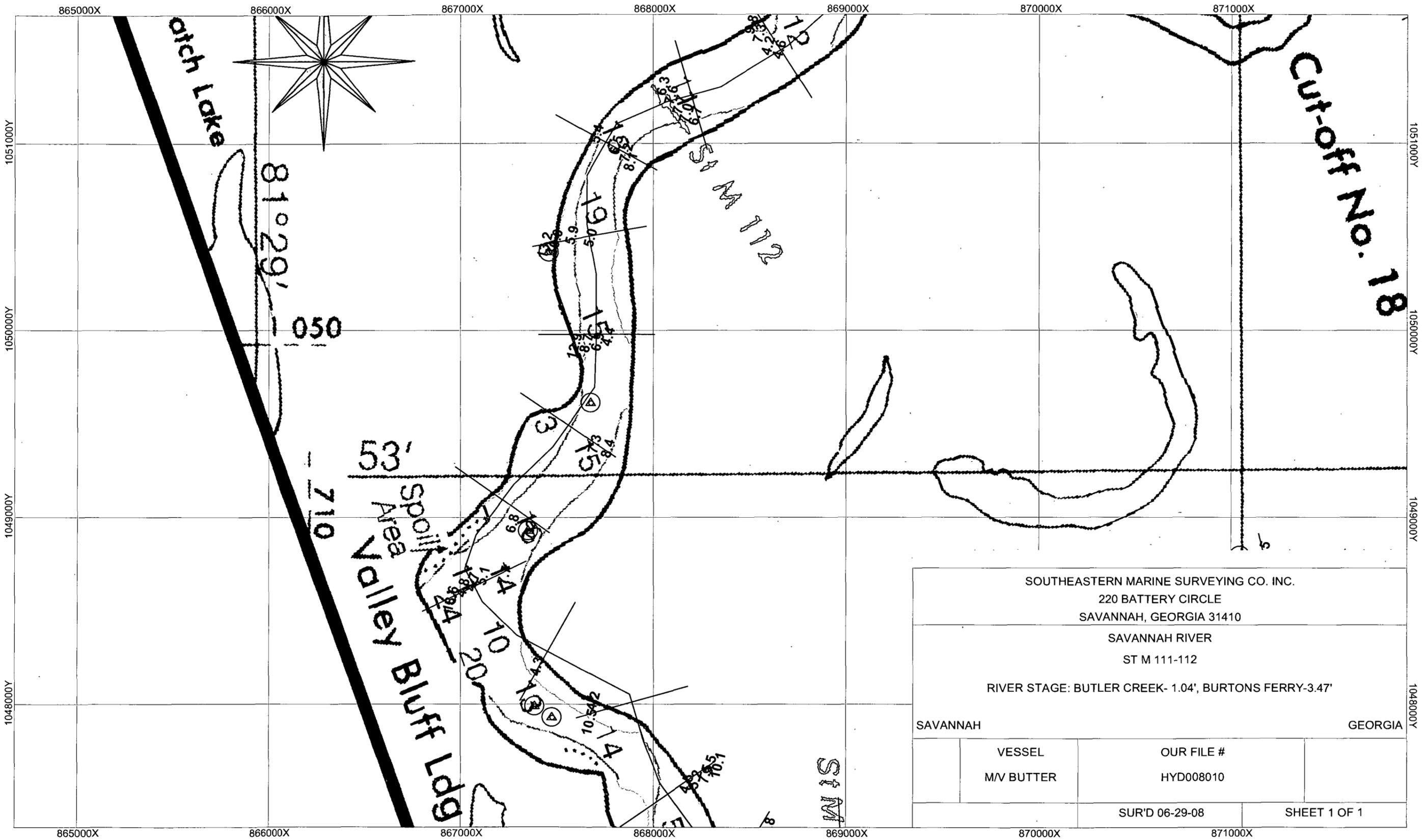


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

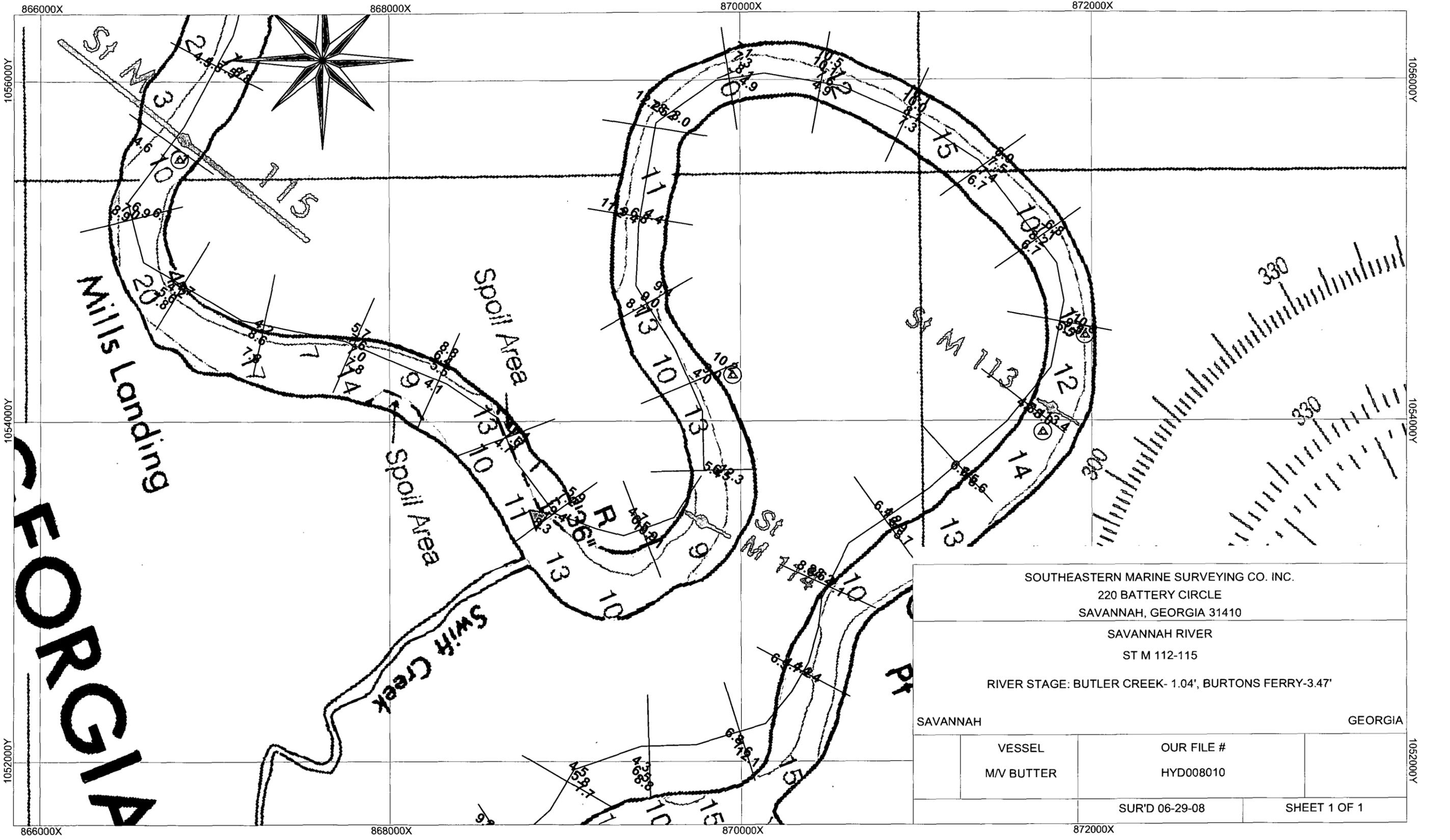
SAVANNAH RIVER
 ST M 110-111

RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47'

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| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |



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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 111-112 | | | |
| RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47' | | | |
| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |

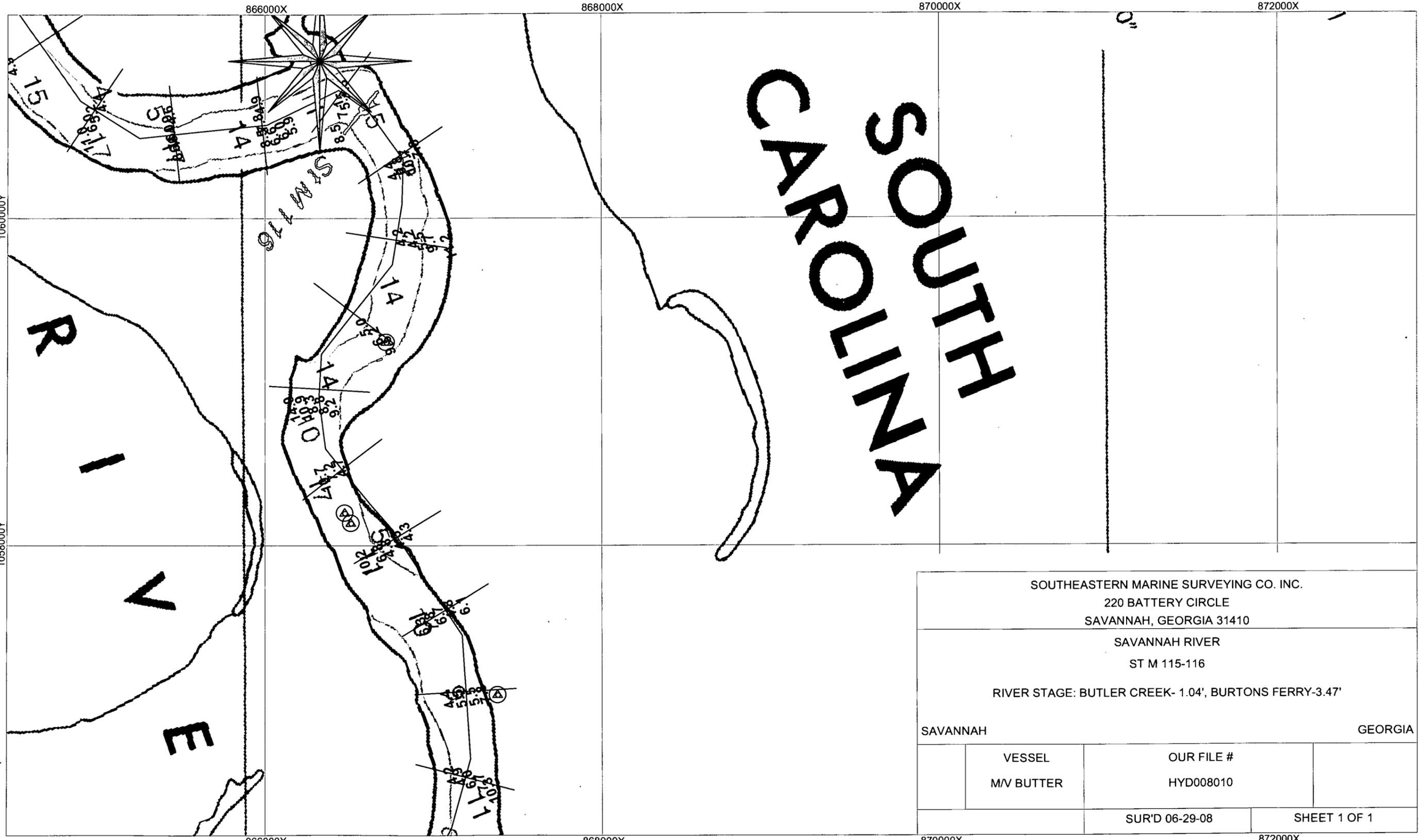


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

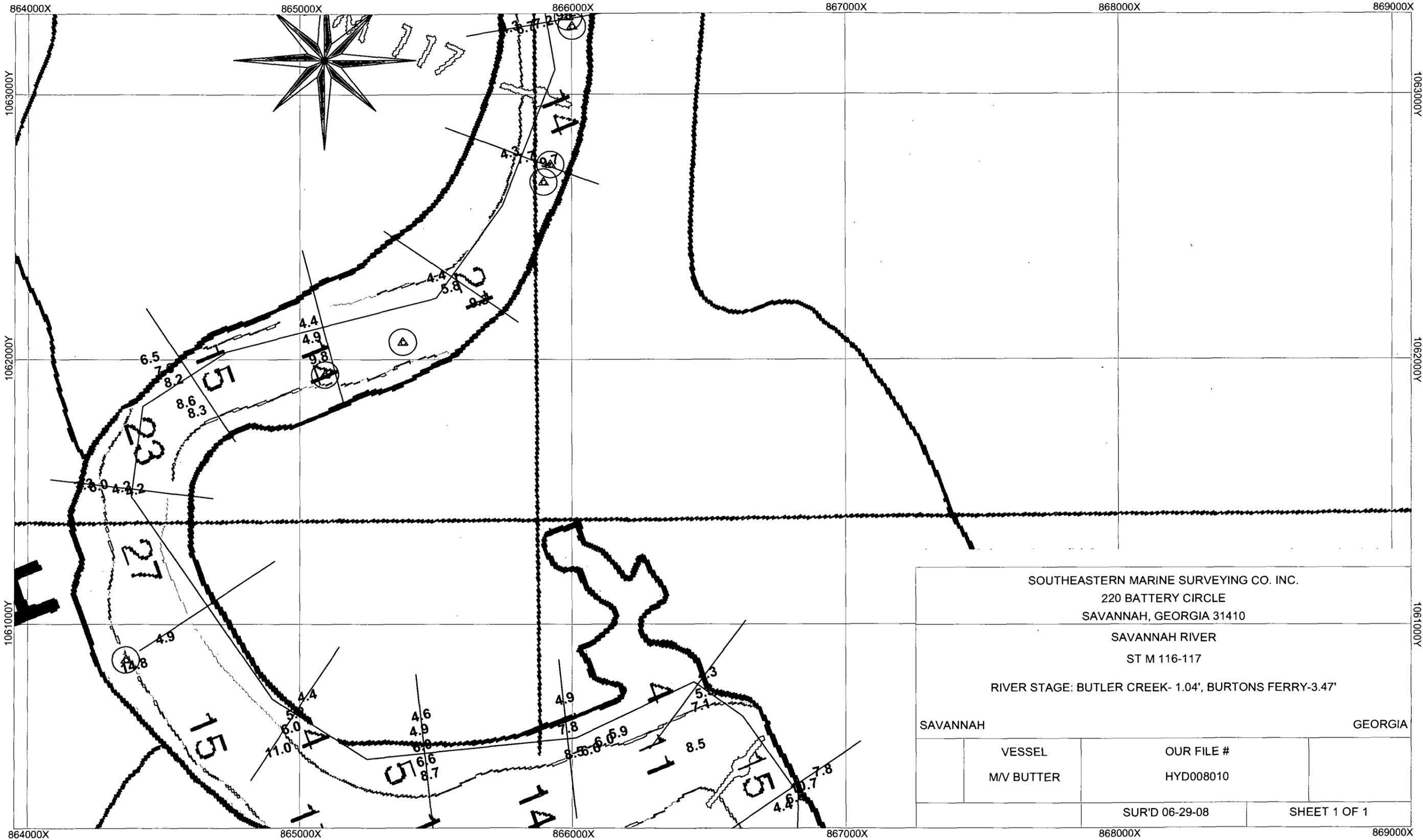
SAVANNAH RIVER
 ST M 112-115

RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47'

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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| MV BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |



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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 115-116 RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |

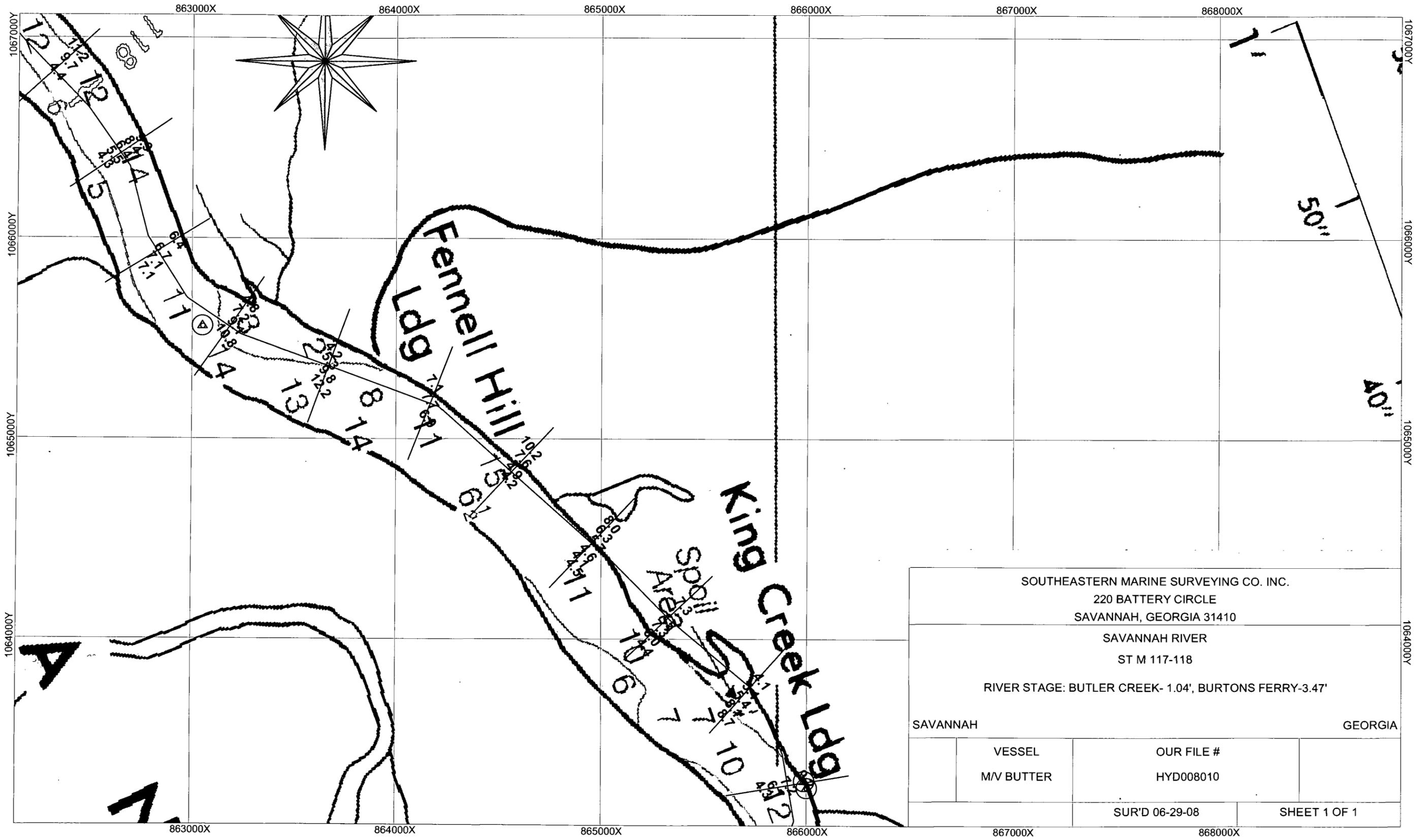


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

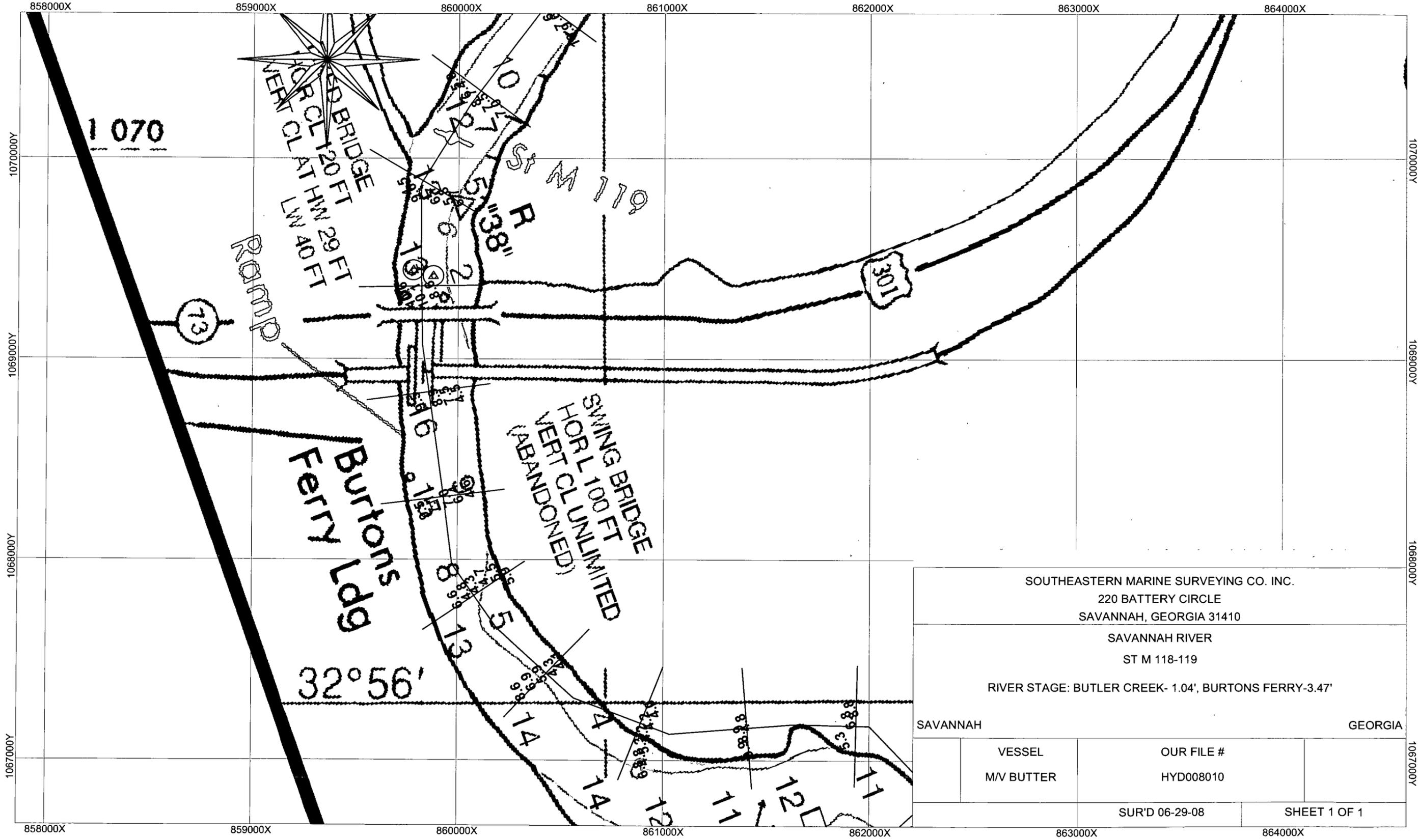
SAVANNAH RIVER
 ST M 116-117

RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47'

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| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |



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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 117-118 | | | |
| RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |

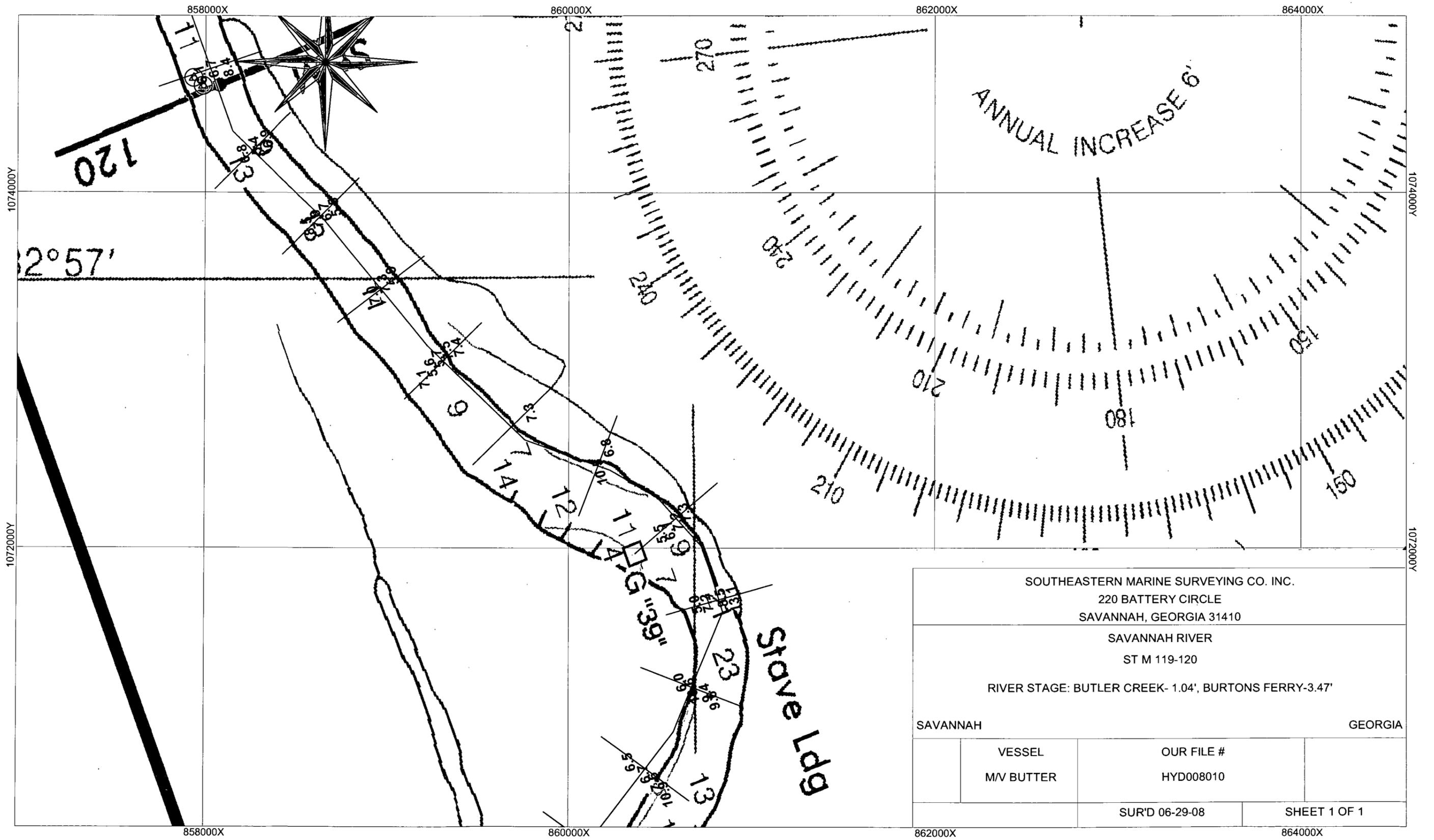


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

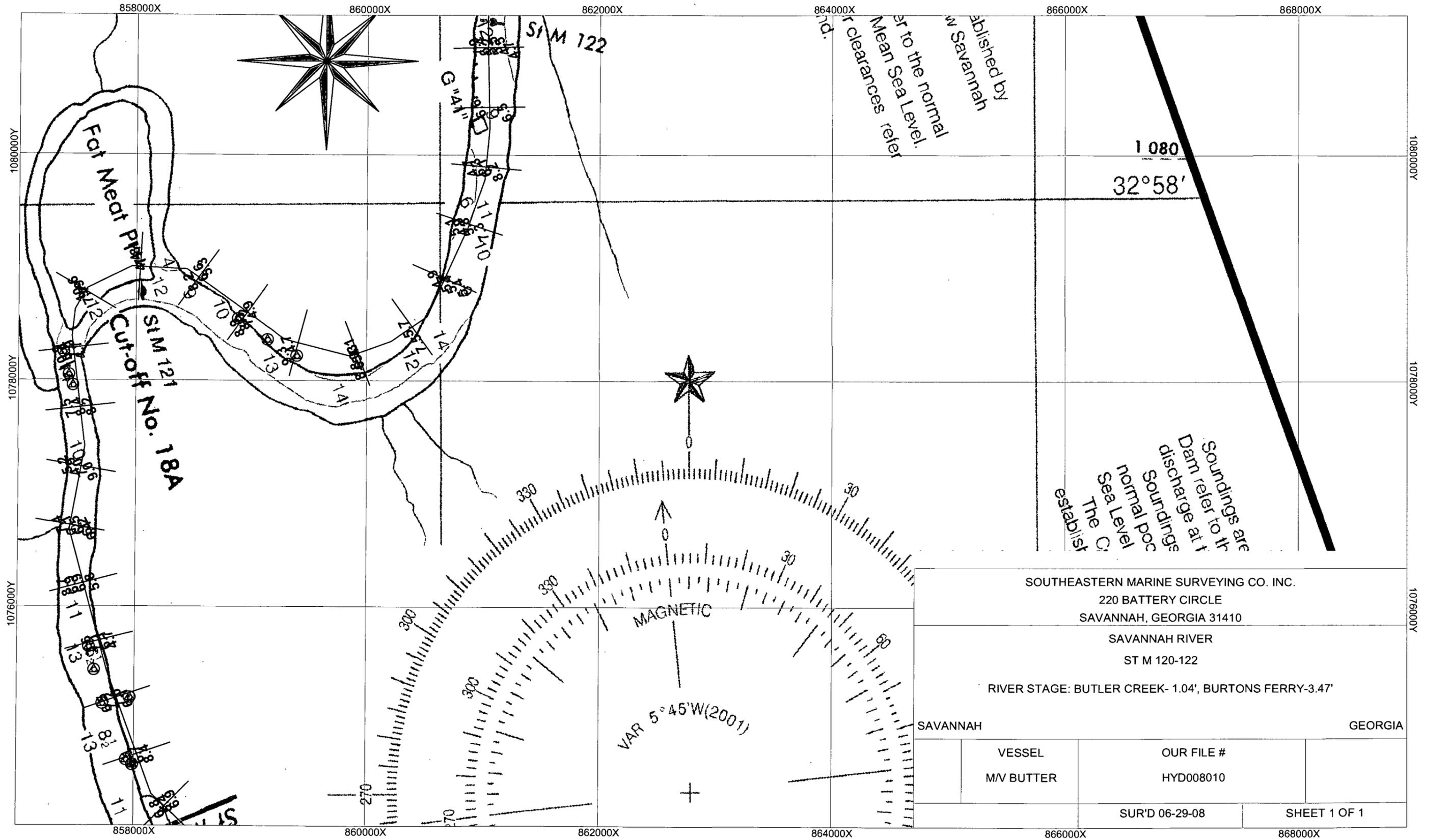
SAVANNAH RIVER
 ST M 118-119

RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47'

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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |



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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 119-120 RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |



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SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 120-122

RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47'

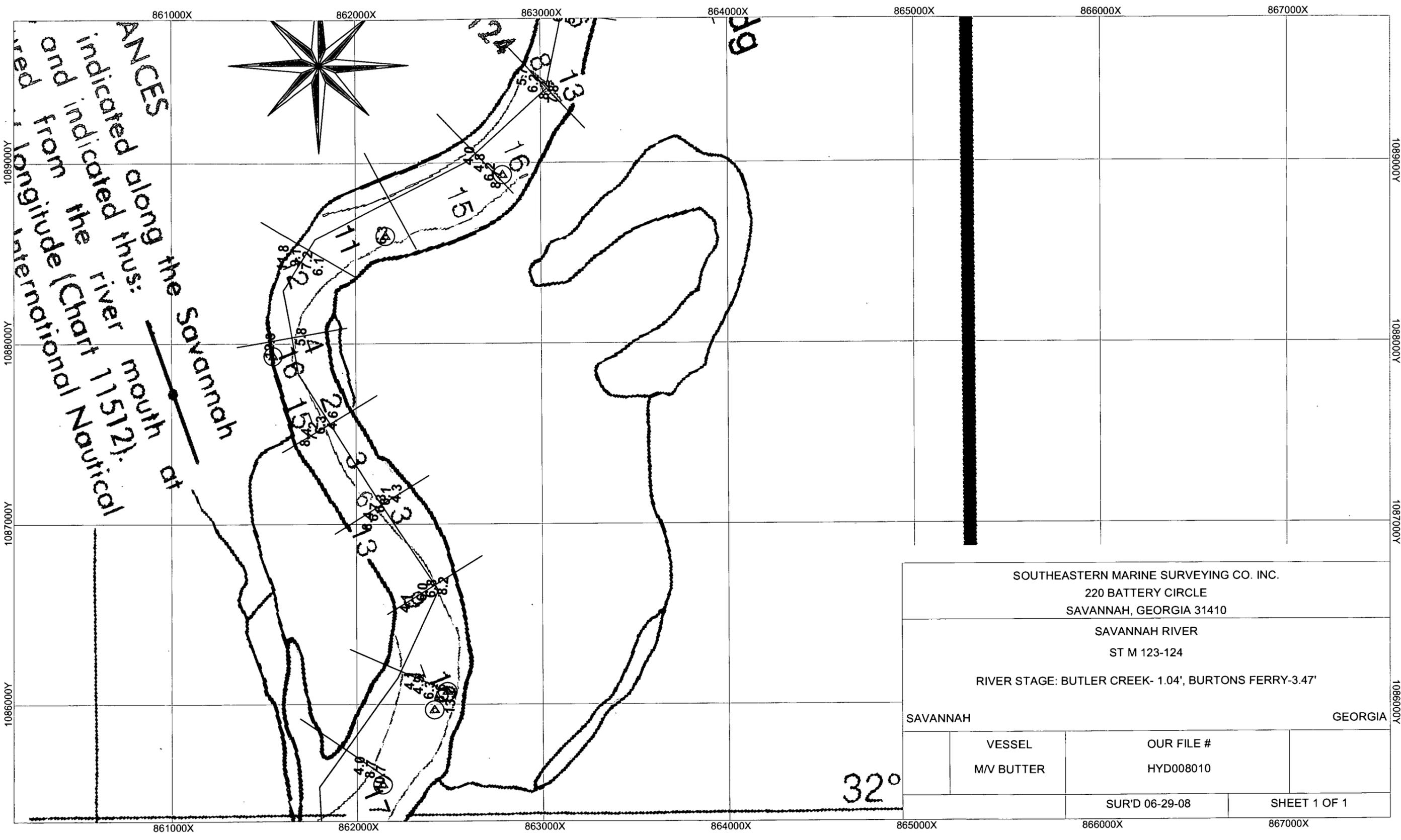
SAVANNAH GEORGIA

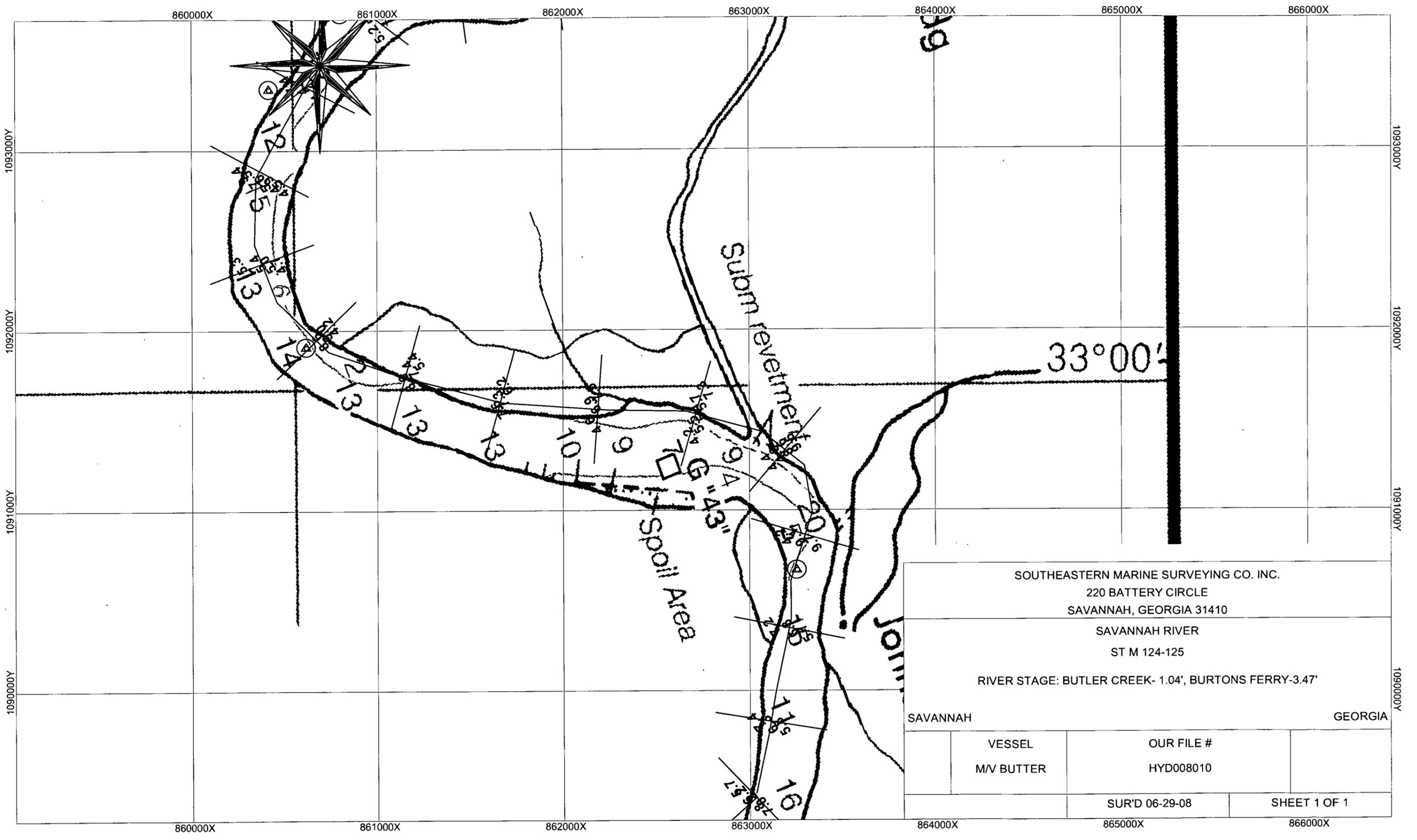
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| VESEL | OUR FILE # |
| M/V BUTTER | HYD008010 |

SUR'D 06-29-08

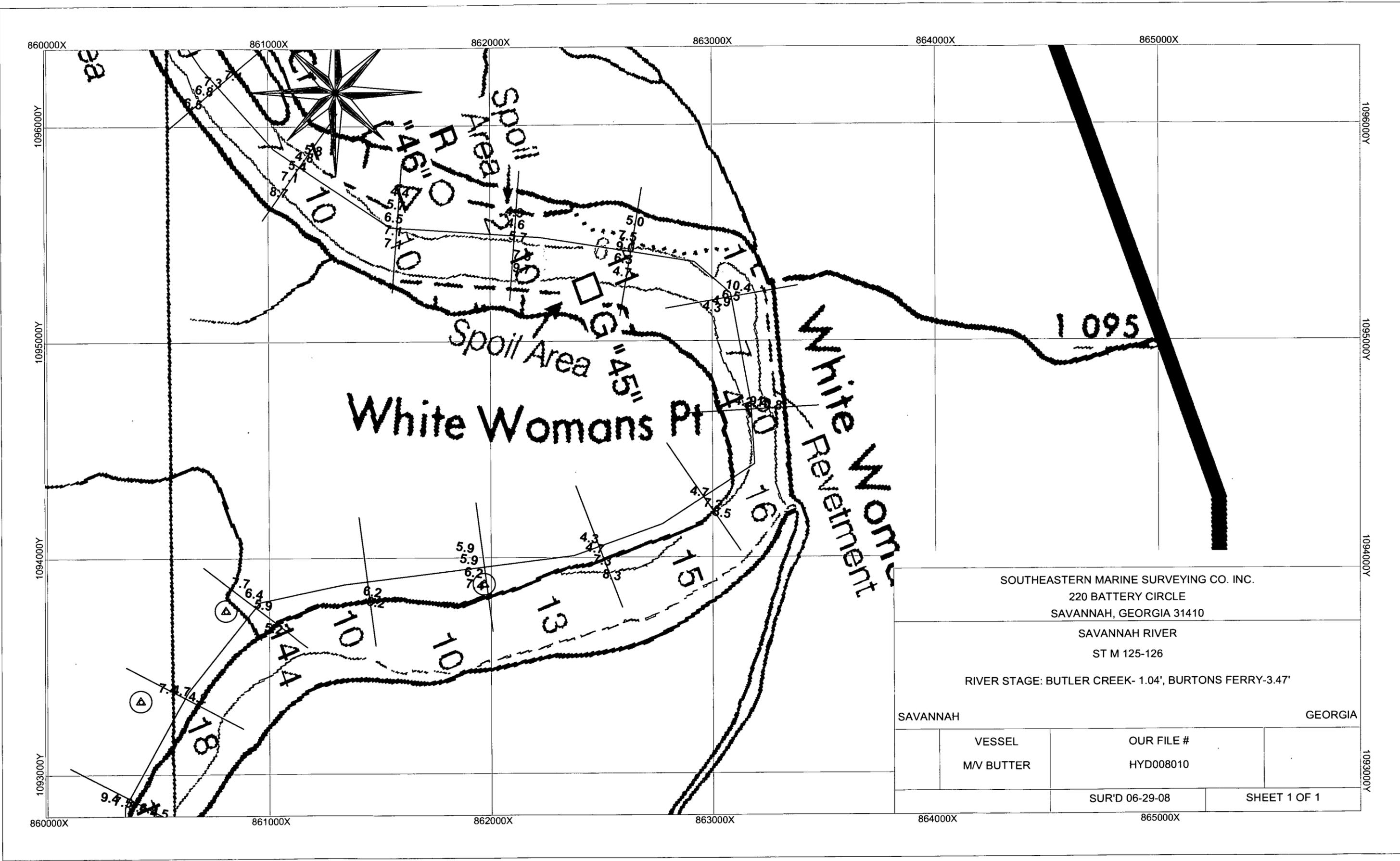
SHEET 1 OF 1

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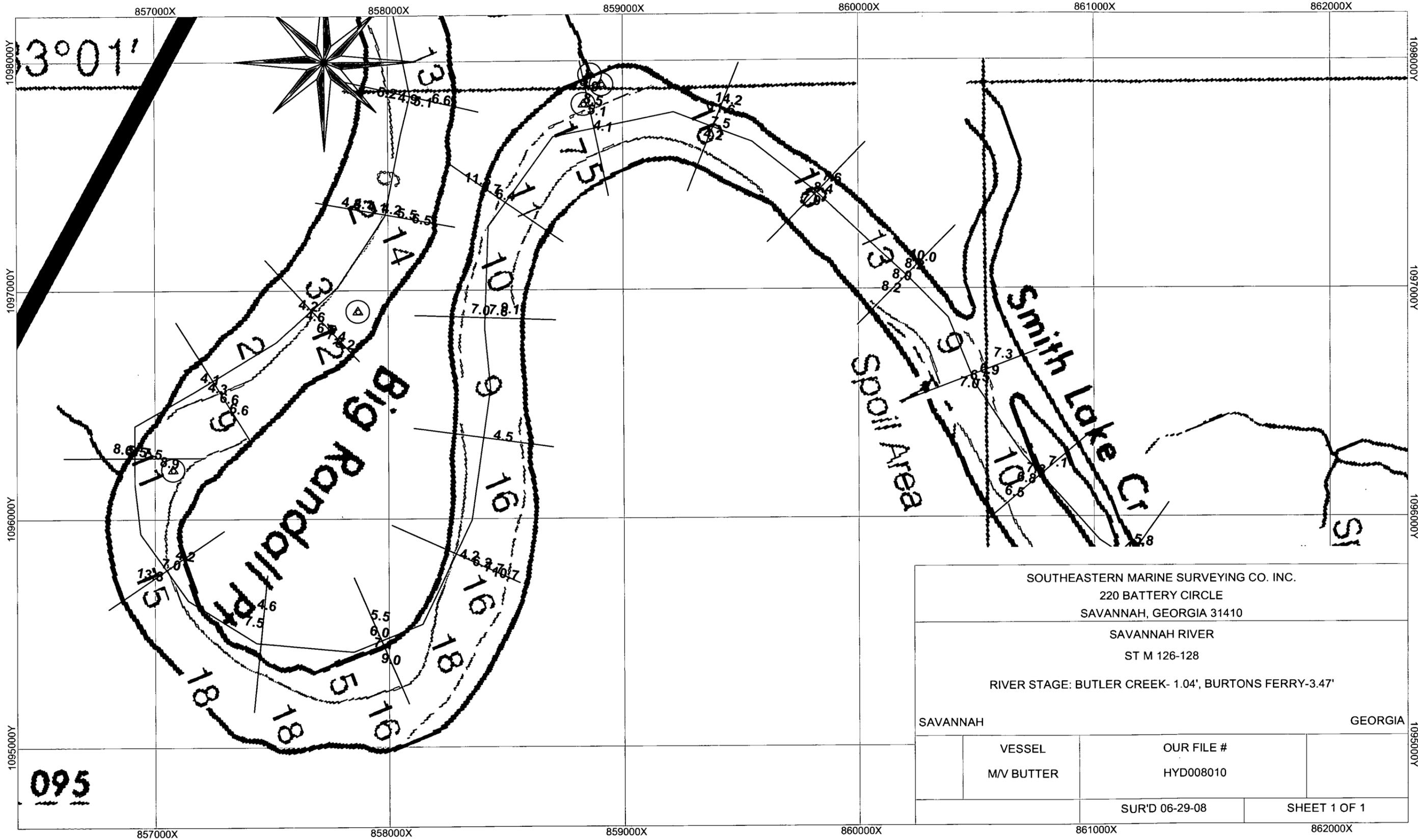




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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 124-125 | | | |
| RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |

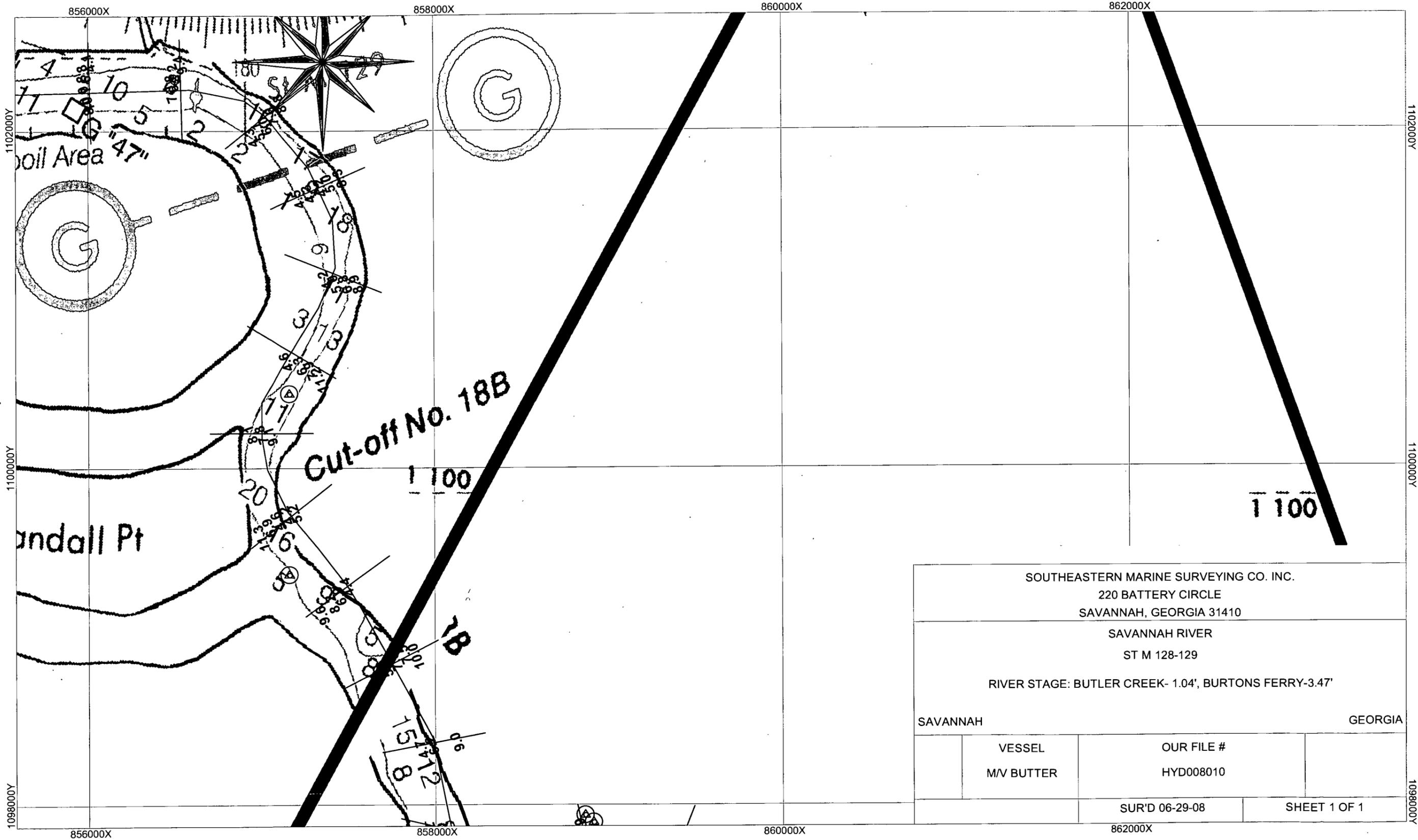


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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 125-126 | | | |
| RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |

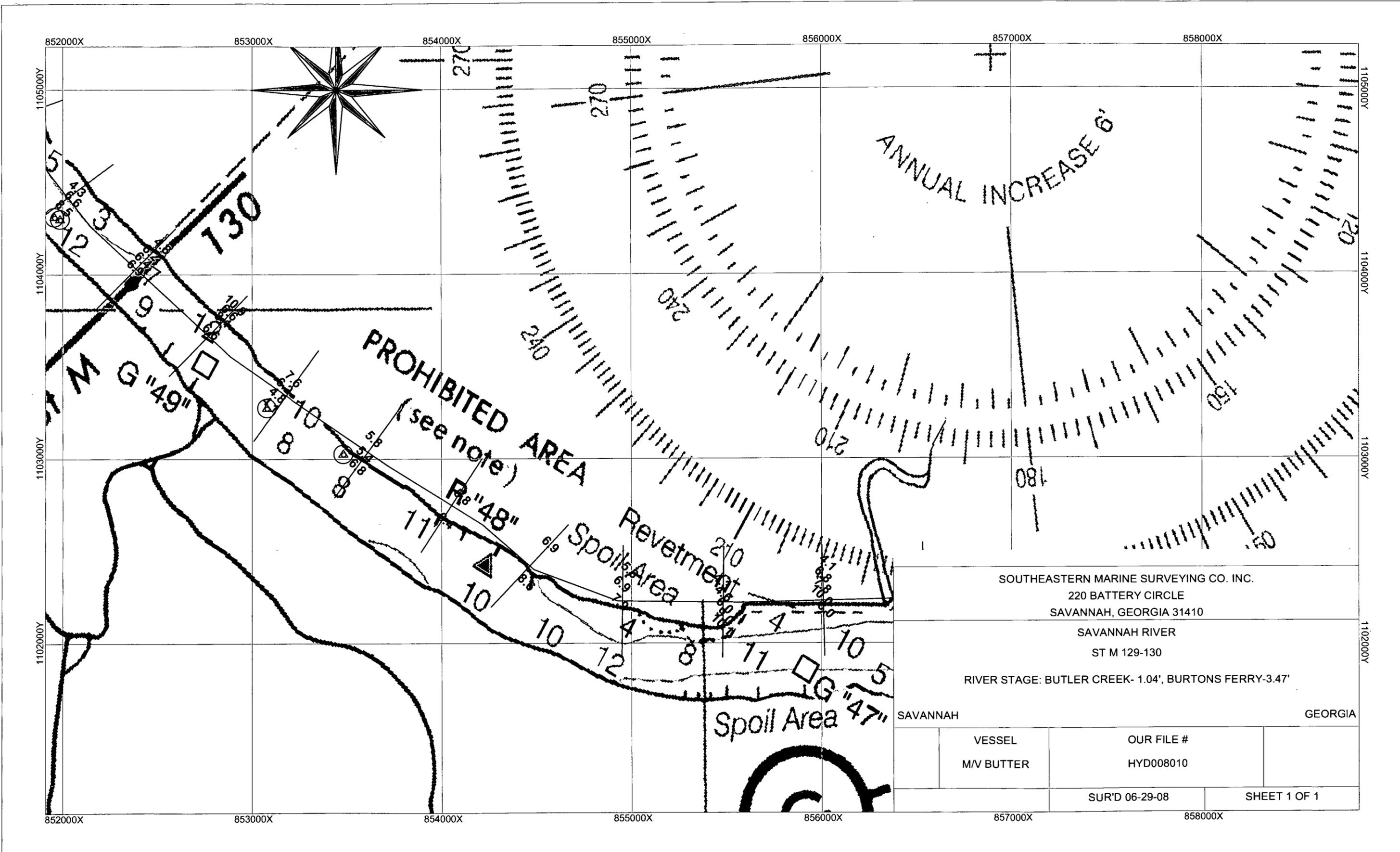


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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 126-128 | | | |
| RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |



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|---|------------|--------------|--|
| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 128-129 RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |

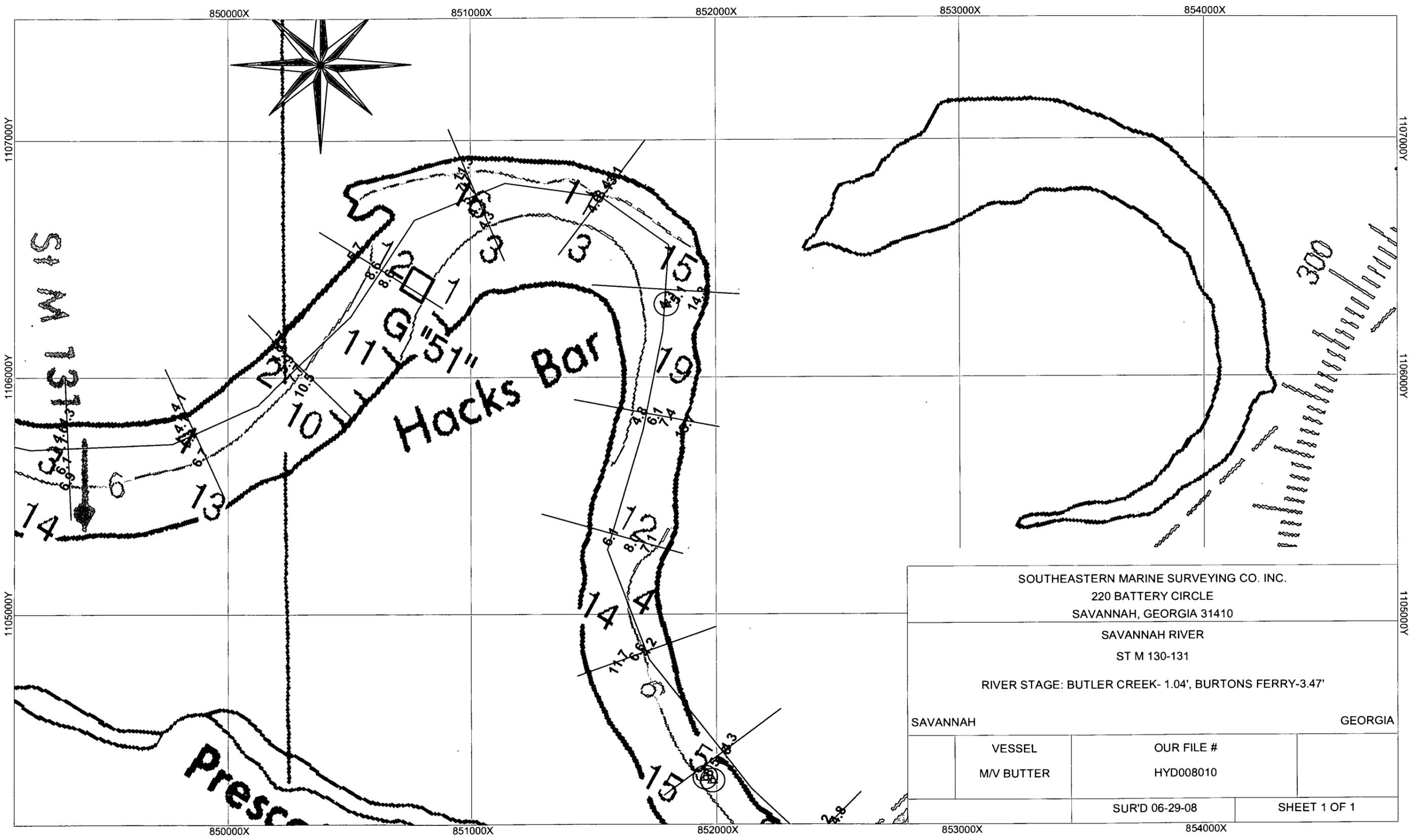


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 129-130

RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47'

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|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |



SOUTH CAROLINA

844000X 846000X 848000X 850000X

1110000Y

1110000Y

1108000Y

1108000Y

1106000Y

1106000Y

844000X

846000X

848000X

850000X

Browns Ldg

SI M 132

Ramp

20 ft Bluff

Stony Bluff Ldg

SOUTHEASTERN MARINE SURVEYING CO. INC.
220 BATTERY CIRCLE
SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
ST M 131-133

RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47'

SAVANNAH

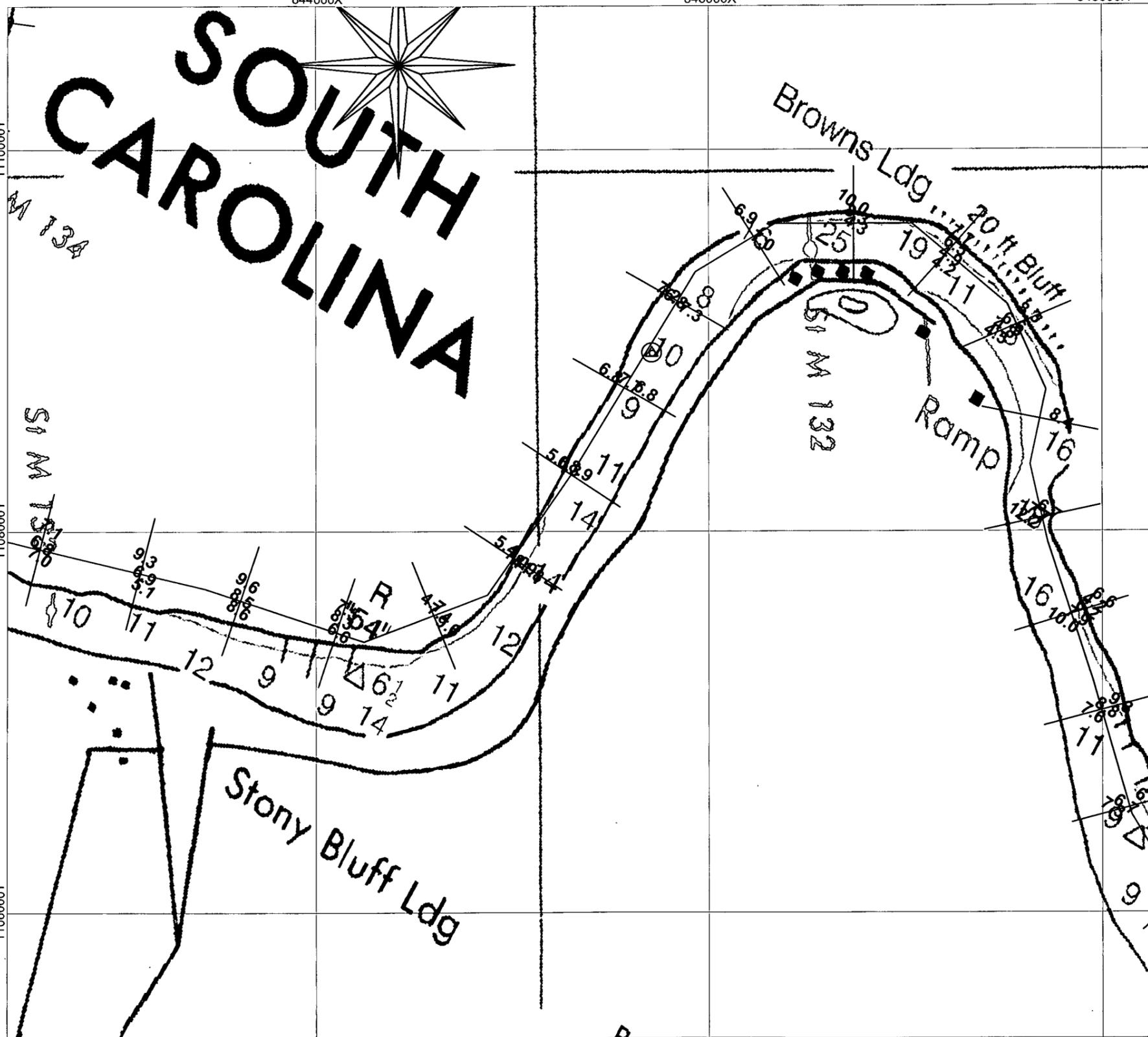
GEORGIA

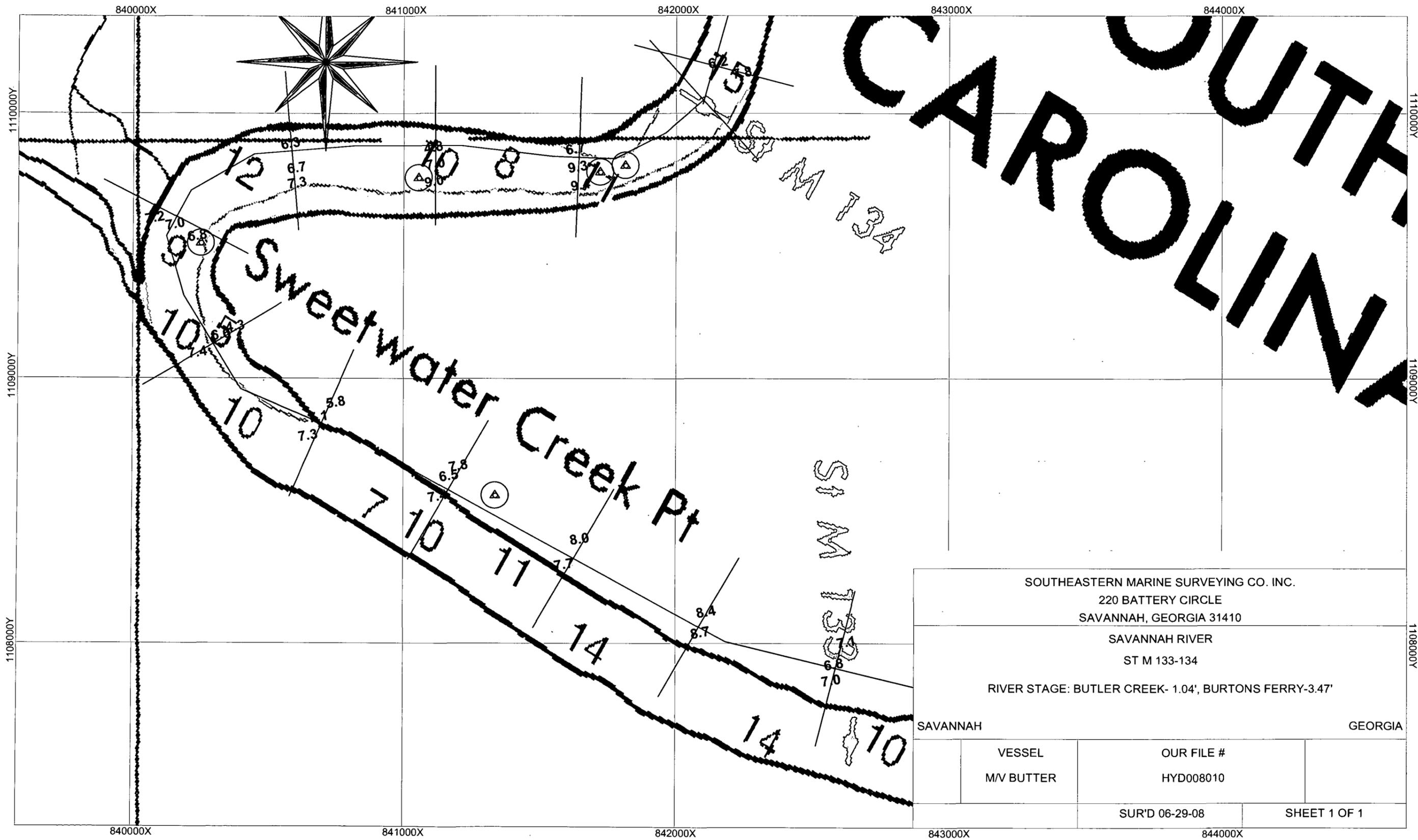
VESSEL
MV BUTTER

OUR FILE #
HYD008010

SUR'D 06-29-08

SHEET 1 OF 1



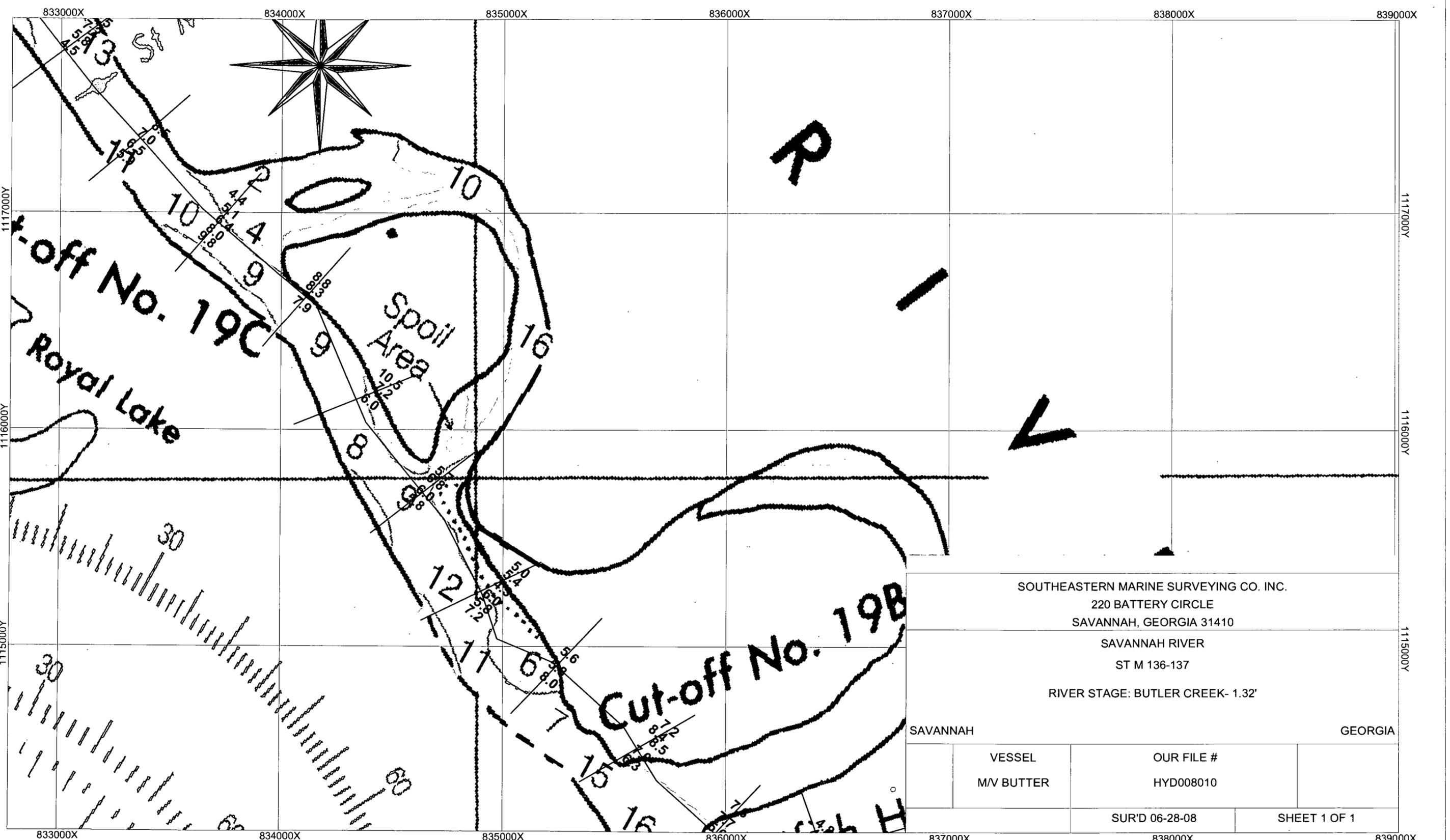


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 133-134

RIVER STAGE: BUTLER CREEK- 1.04', BURTONS FERRY-3.47'

| | | | |
|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-29-08 | | SHEET 1 OF 1 | |

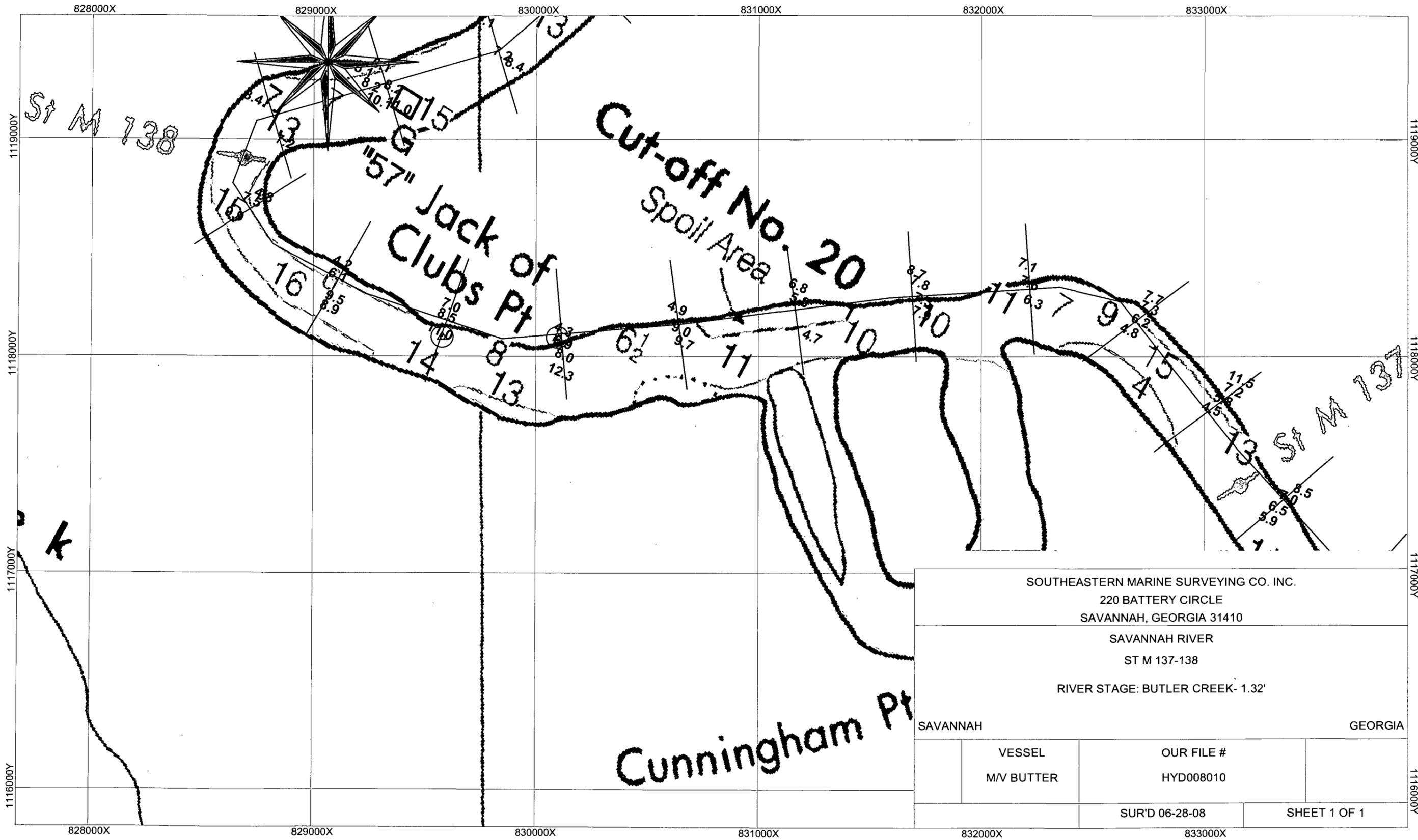


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 136-137

RIVER STAGE: BUTLER CREEK- 1.32'

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|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-28-08 | | SHEET 1 OF 1 | |



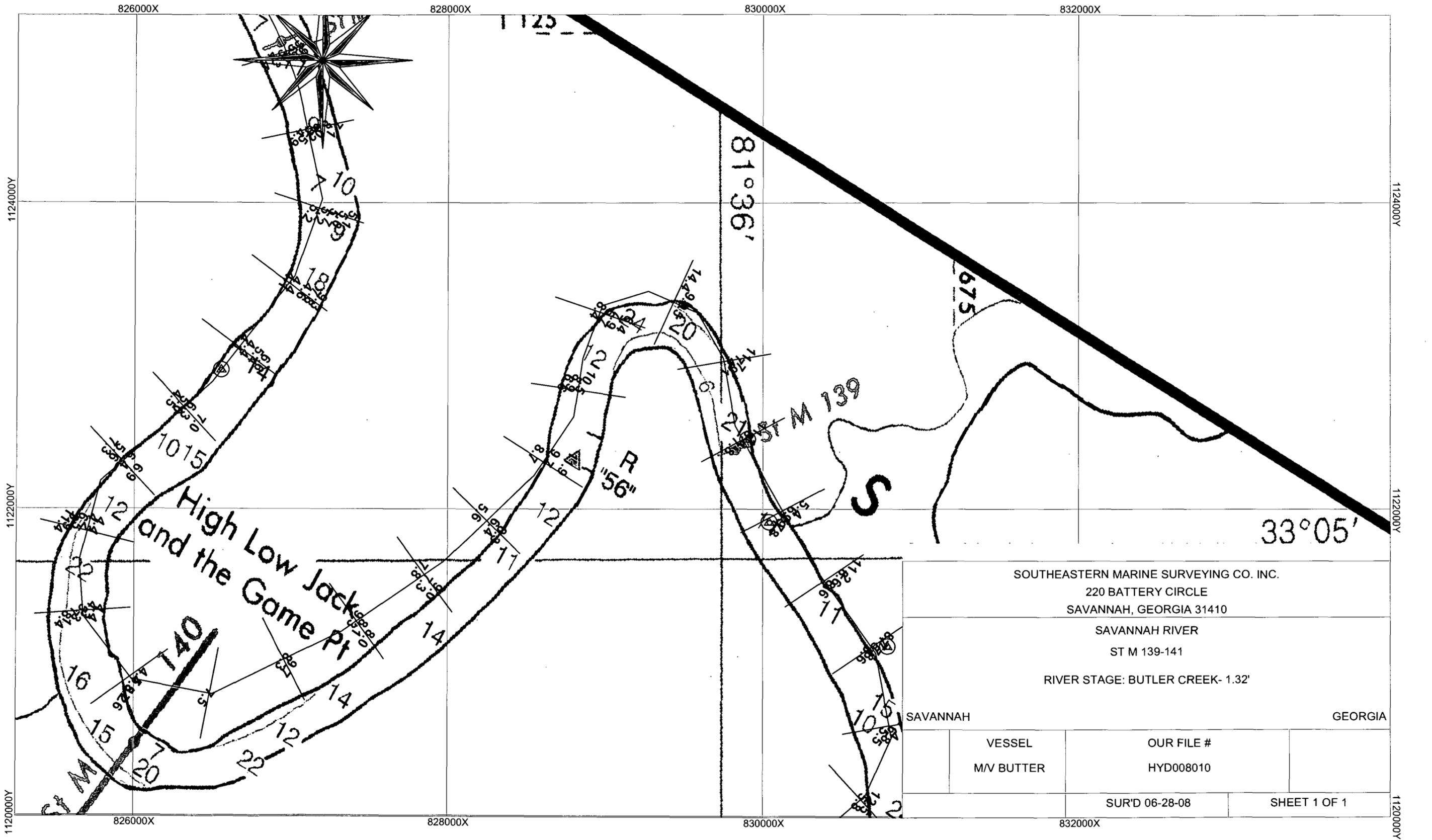
SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 137-138

RIVER STAGE: BUTLER CREEK- 1.32'

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|------------|------------|----------------|--------------|
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| | | SUR'D 06-28-08 | SHEET 1 OF 1 |

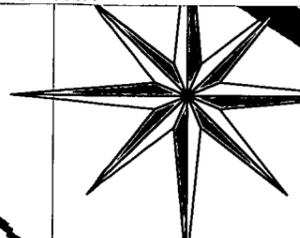
Cunningham Pt



High Low Jack
and the Game Pt

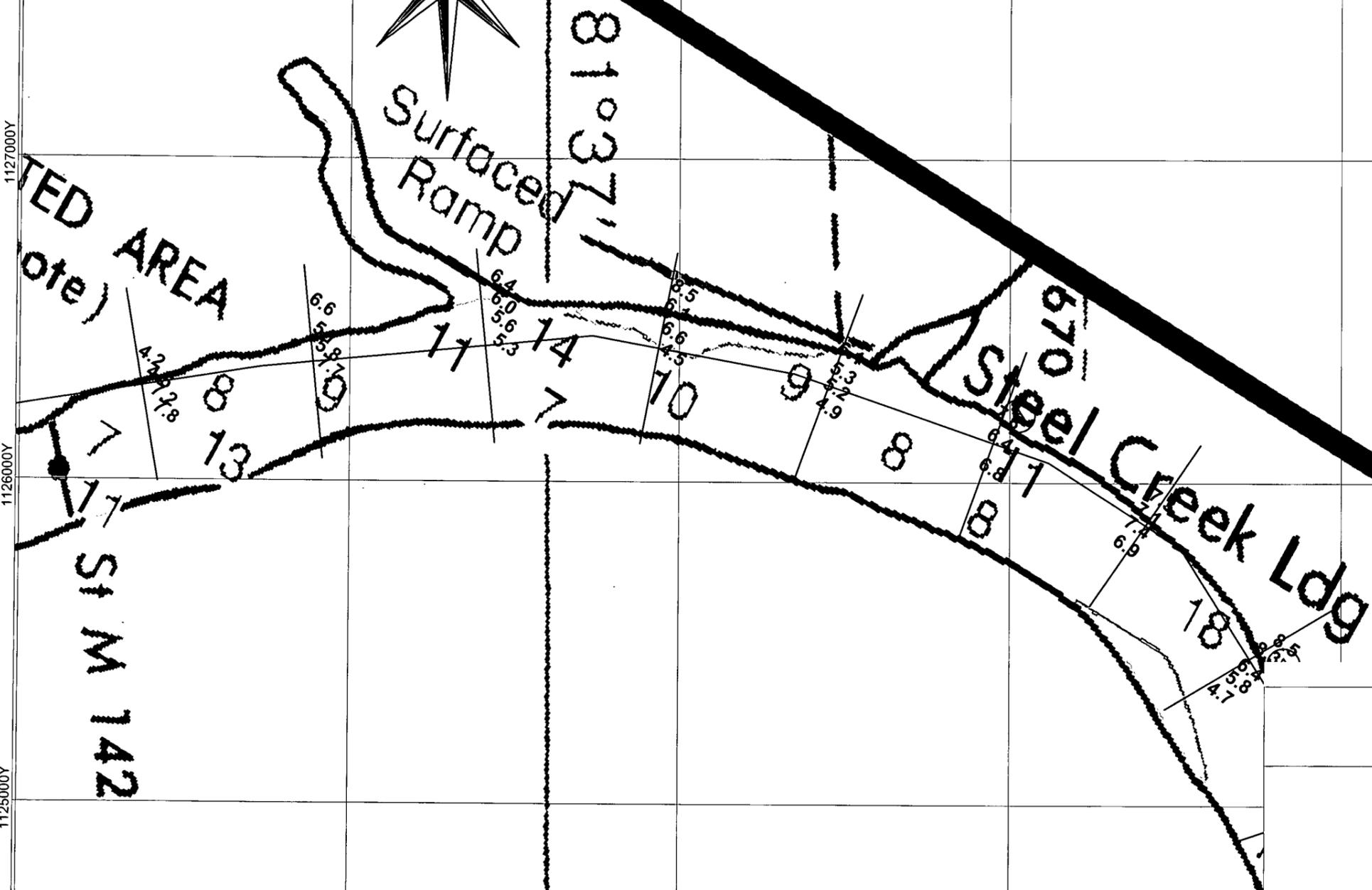
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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 139-141 | | | |
| RIVER STAGE: BUTLER CREEK- 1.32' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-28-08 | | SHEET 1 OF 1 | |

823000X 824000X 825000X 826000X 827000X 828000X



1127000Y
1126000Y
1125000Y

1127000Y
1126000Y
1125000Y

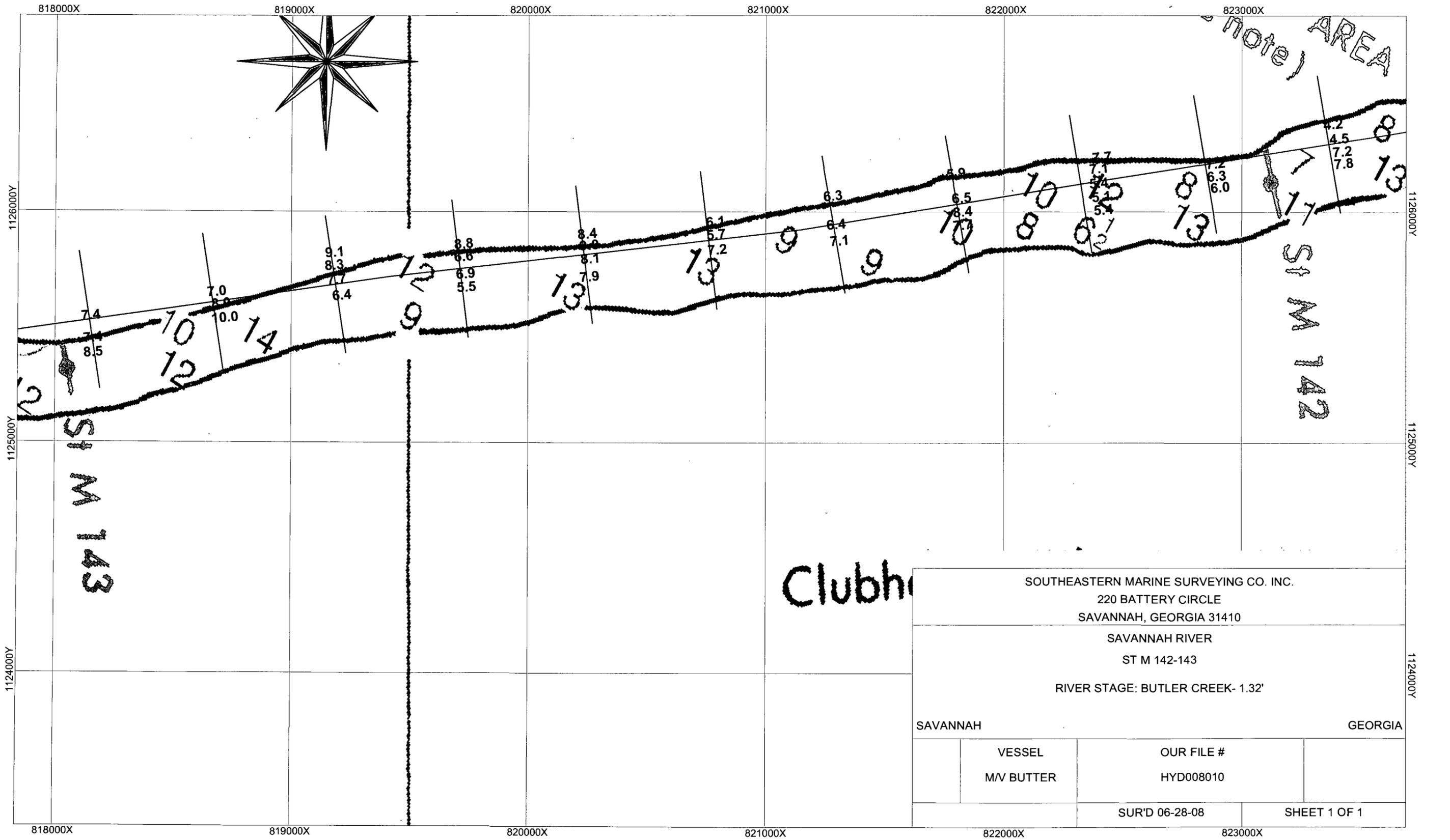


SOUTHEASTERN MARINE SURVEYING CO. INC.
220 BATTERY CIRCLE
SAVANNAH, GEORGIA 31410

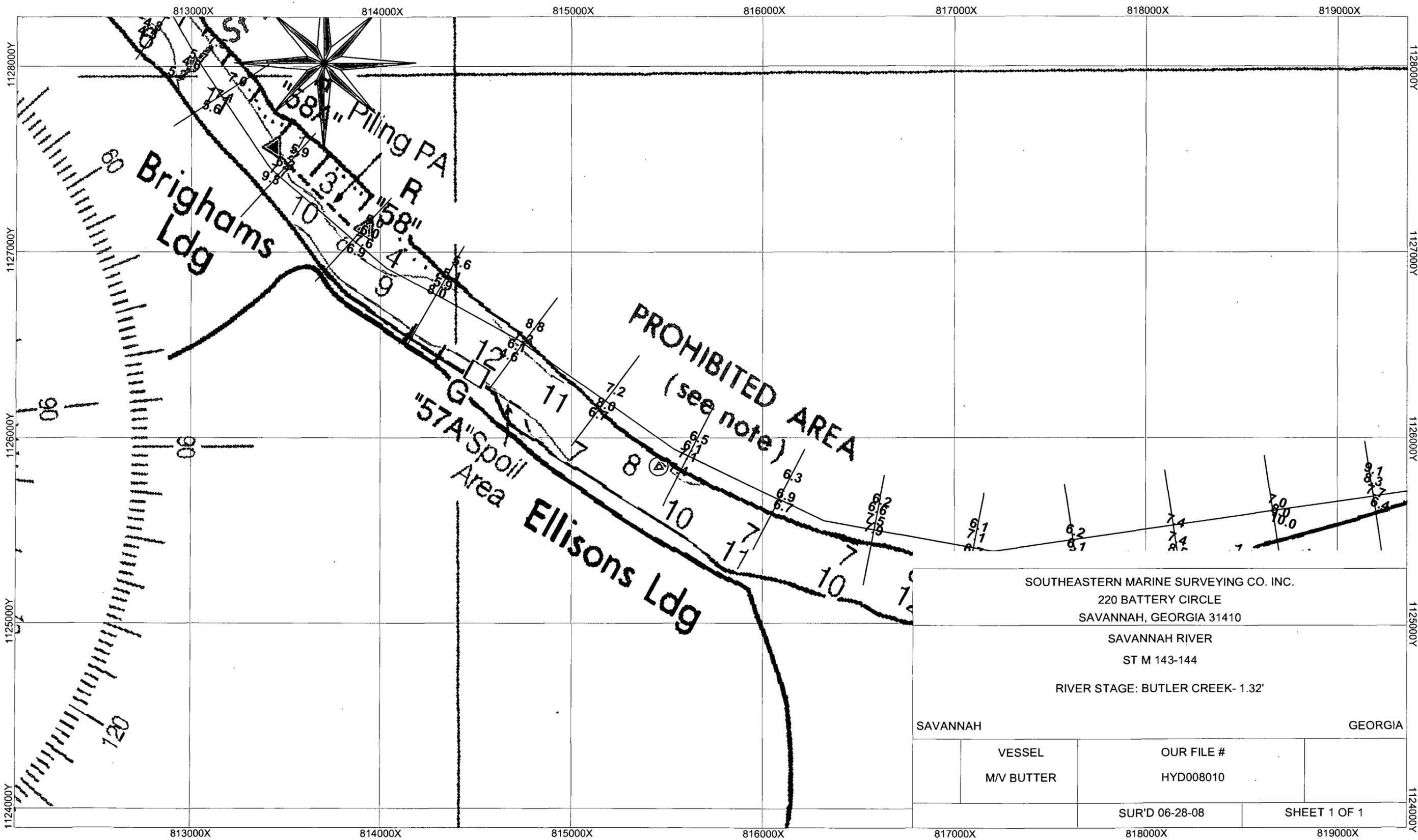
SAVANNAH RIVER
ST M 141-142
RIVER STAGE: BUTLER CREEK- 1.32'

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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-28-08 | | SHEET 1 OF 1 | |

823000X 824000X 825000X 826000X 827000X 828000X



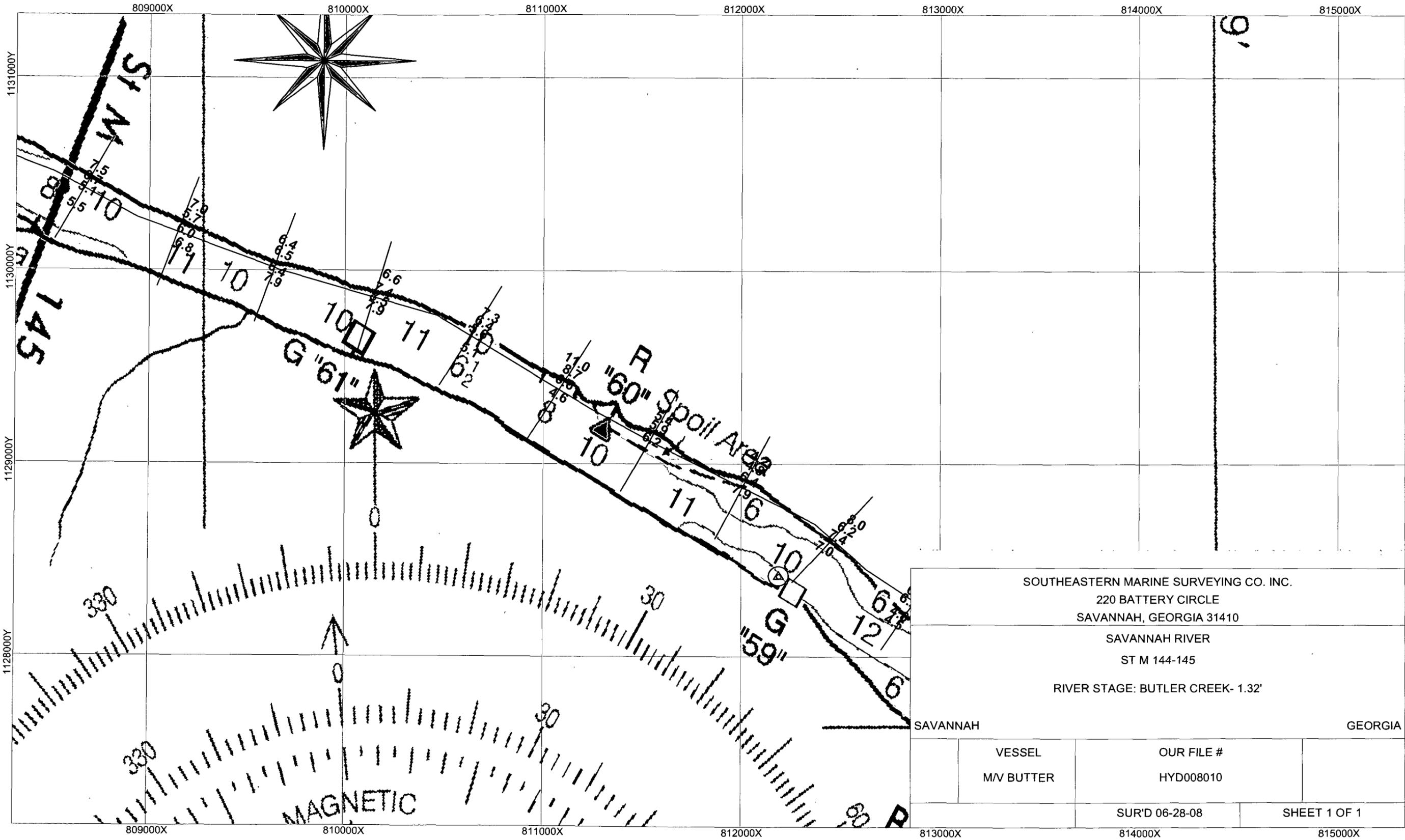
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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 142-143 RIVER STAGE: BUTLER CREEK- 1.32' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL M/V BUTTER | OUR FILE # HYD008010 | | |
| SUR'D 06-28-08 | | SHEET 1 OF 1 | |



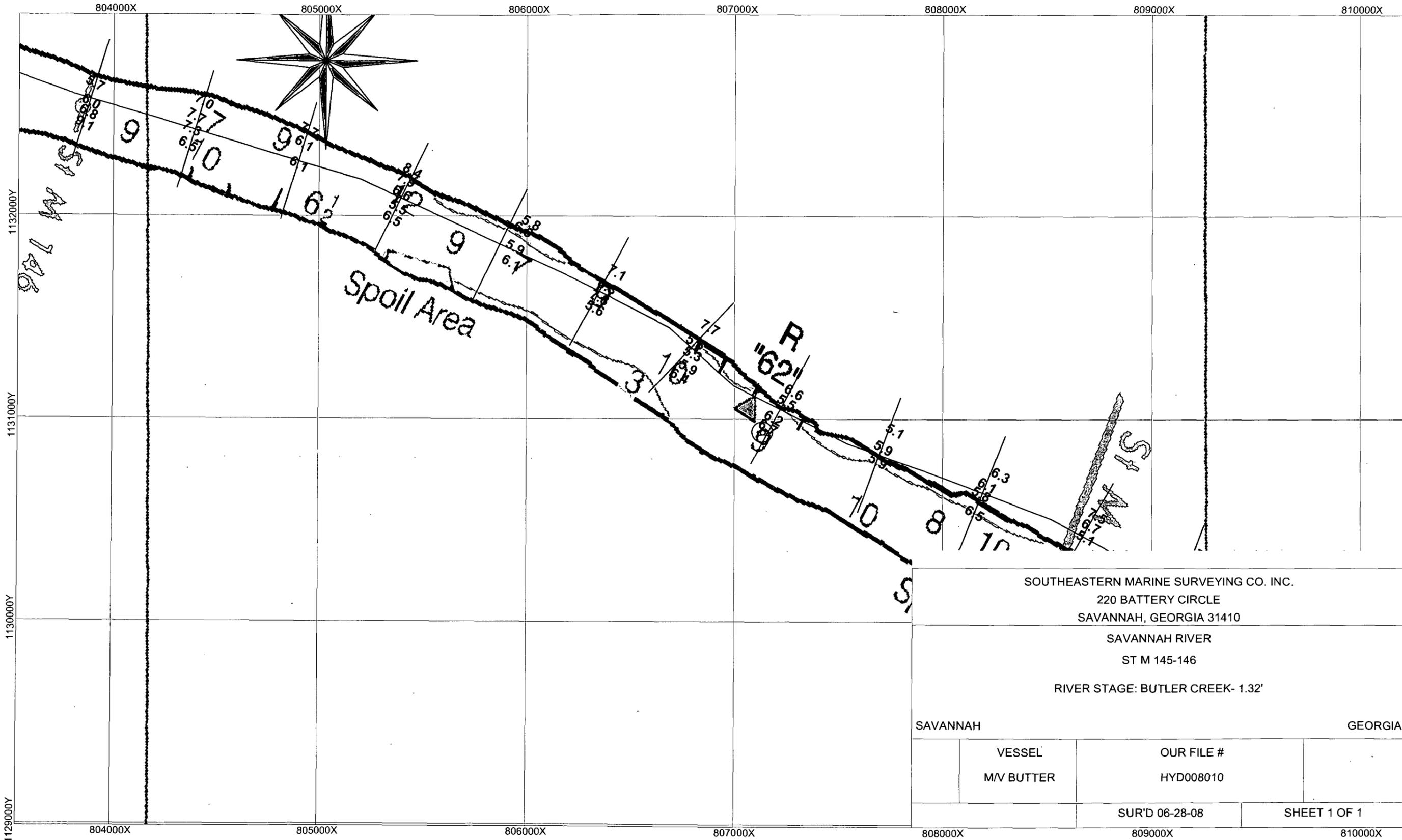
SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 143-144
 RIVER STAGE: BUTLER CREEK- 1.32'

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| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-28-08 | | SHEET 1 OF 1 | |

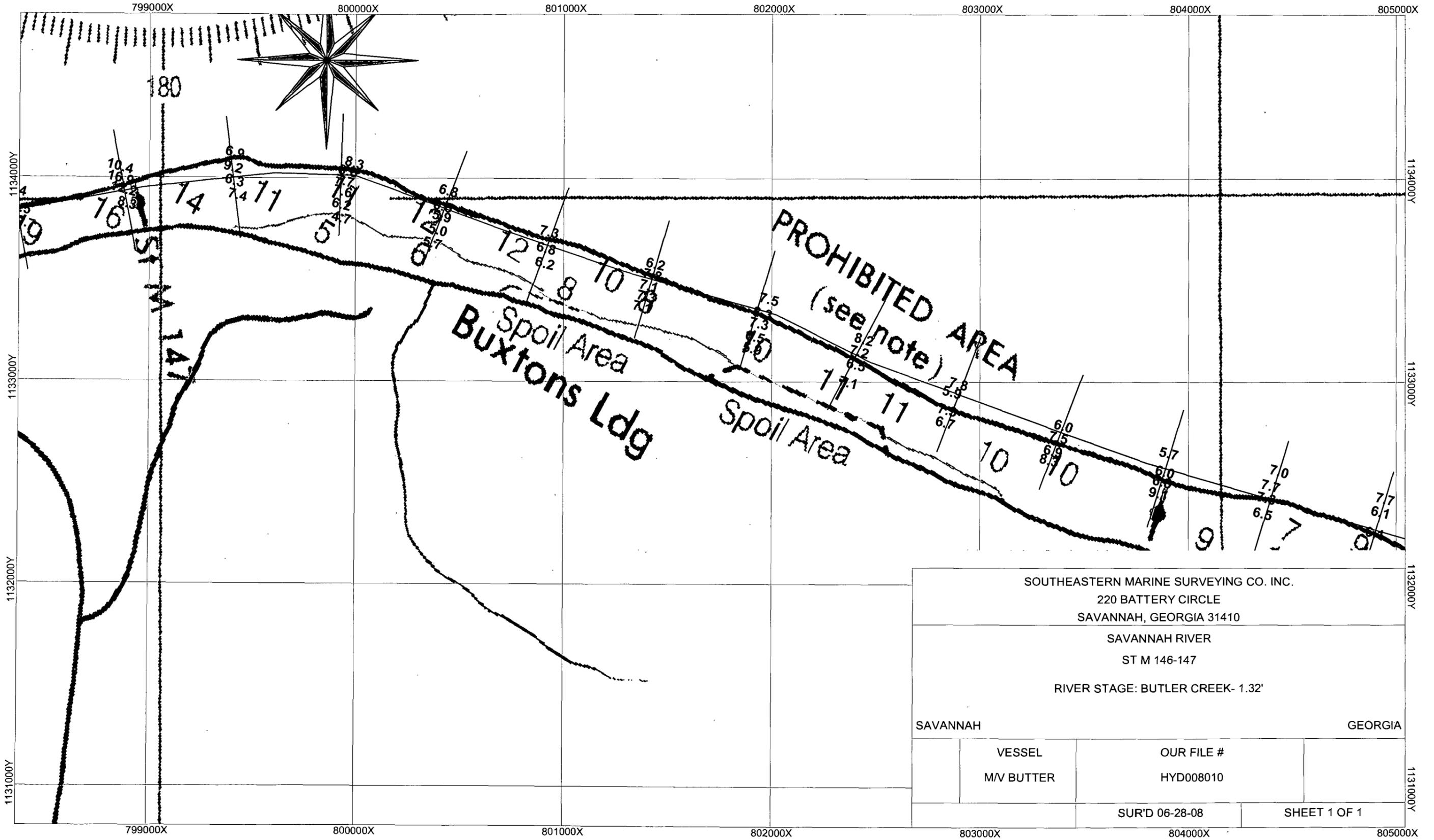


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| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 144-145 RIVER STAGE: BUTLER CREEK- 1.32' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-28-08 | | SHEET 1 OF 1 | |



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410
 SAVANNAH RIVER
 ST M 145-146
 RIVER STAGE: BUTLER CREEK- 1.32'

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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-28-08 | | SHEET 1 OF 1 | |

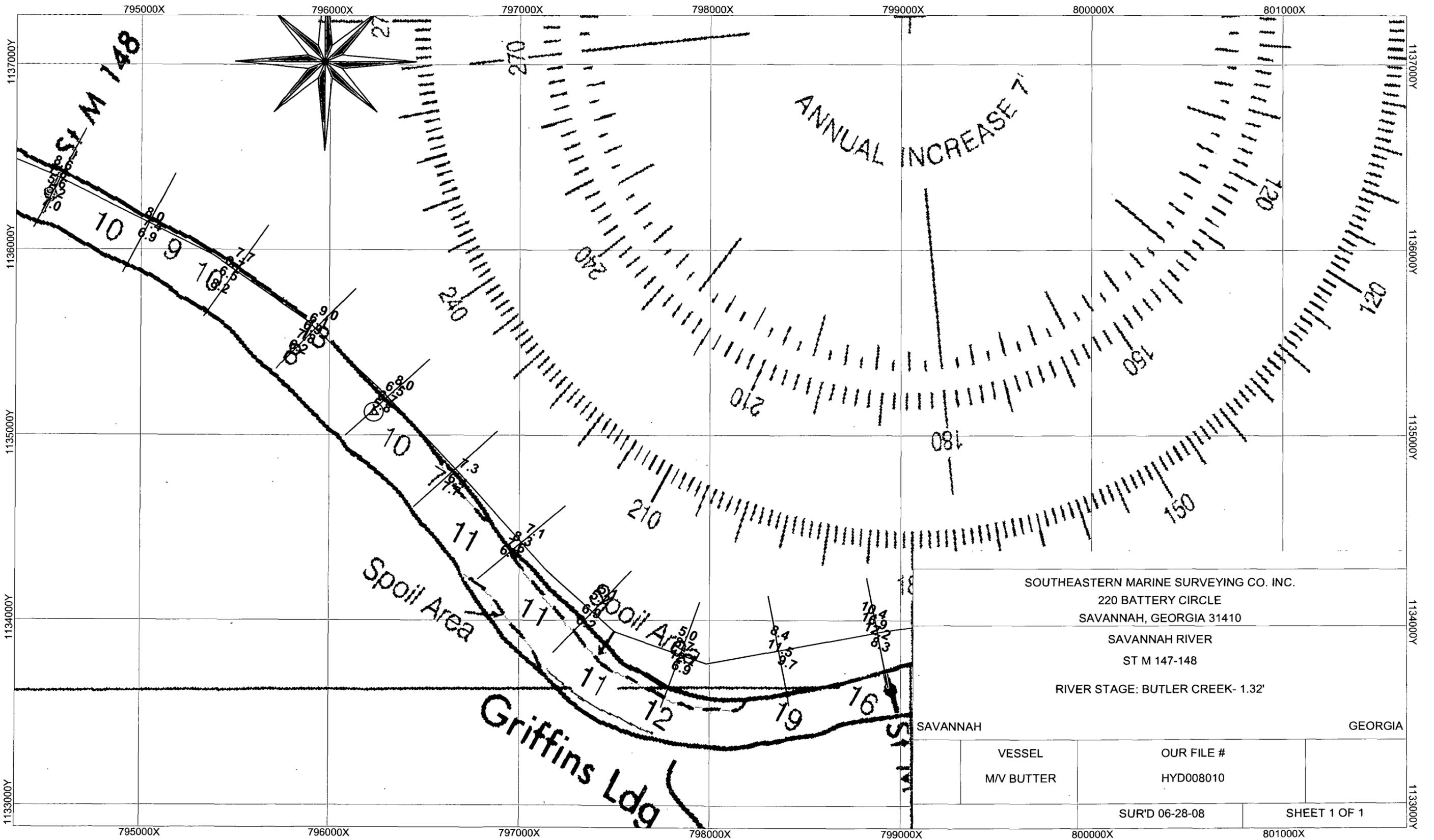


SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 146-147

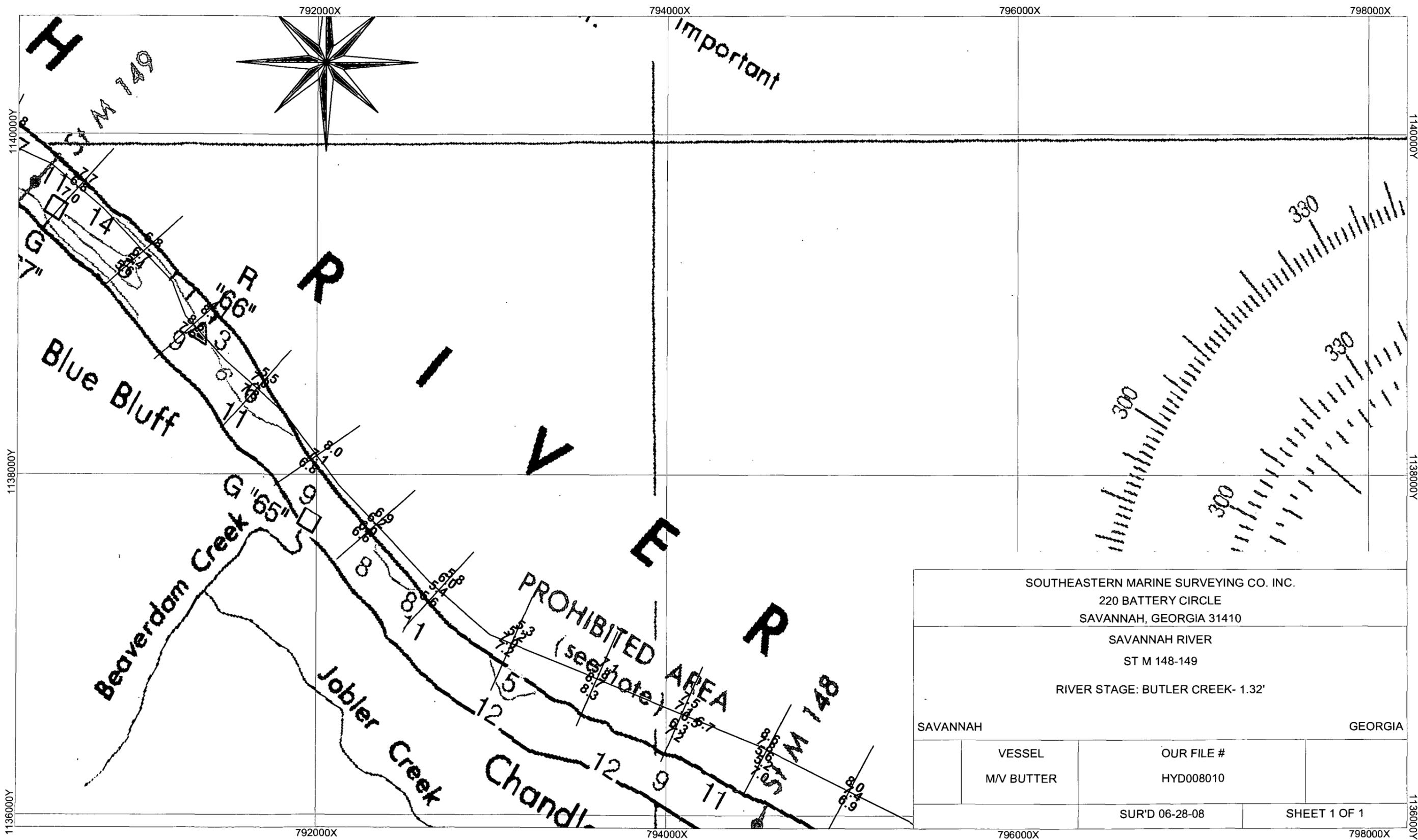
RIVER STAGE: BUTLER CREEK- 1.32'

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|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| MV BUTTER | HYD008010 | | |
| SUR'D 06-28-08 | | SHEET 1 OF 1 | |



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410
 SAVANNAH RIVER
 ST M 147-148
 RIVER STAGE: BUTLER CREEK- 1.32'

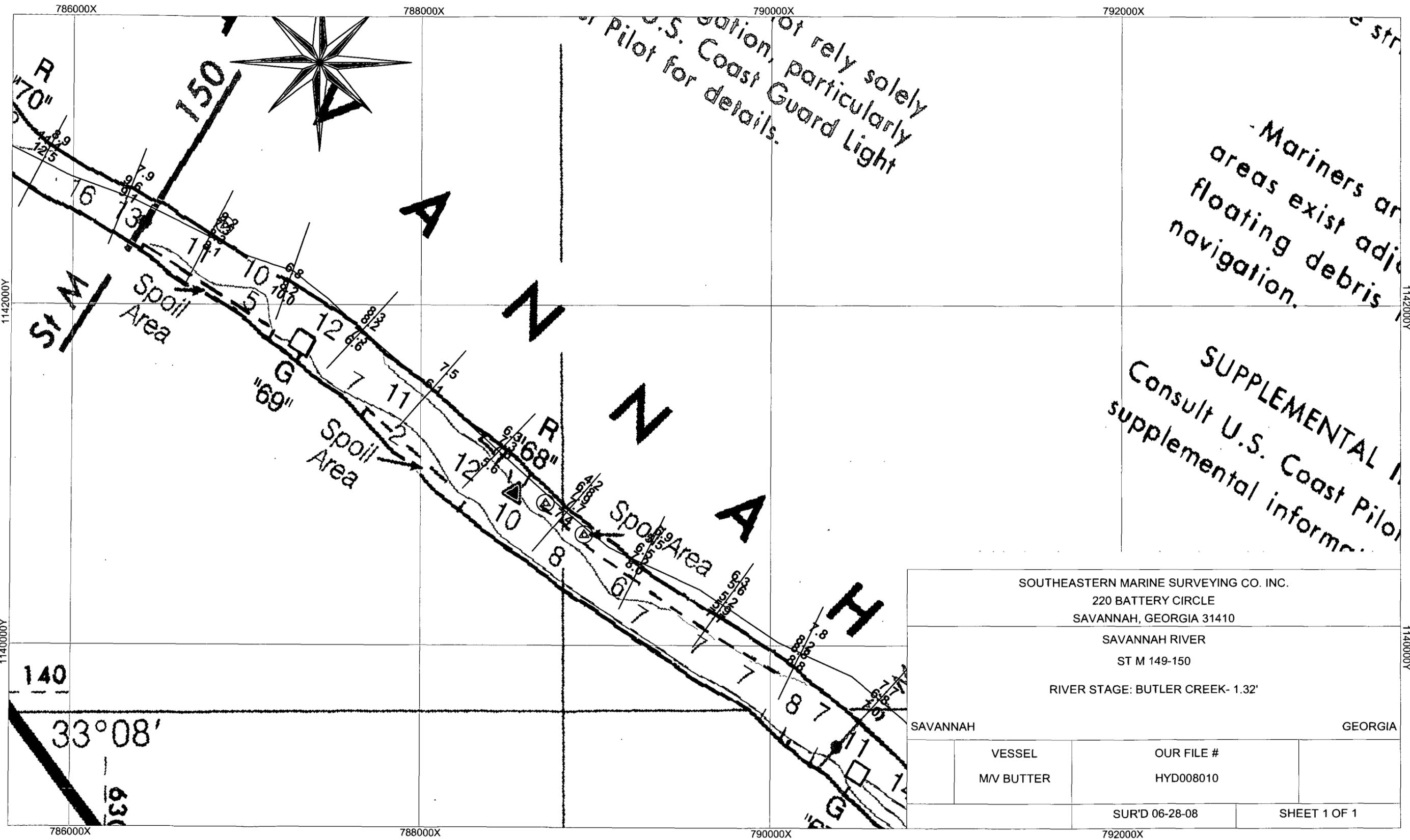
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|----------------|------------|--------------|--|
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-28-08 | | SHEET 1 OF 1 | |



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 148-149
 RIVER STAGE: BUTLER CREEK- 1.32'

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| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-28-08 | | SHEET 1 OF 1 | |

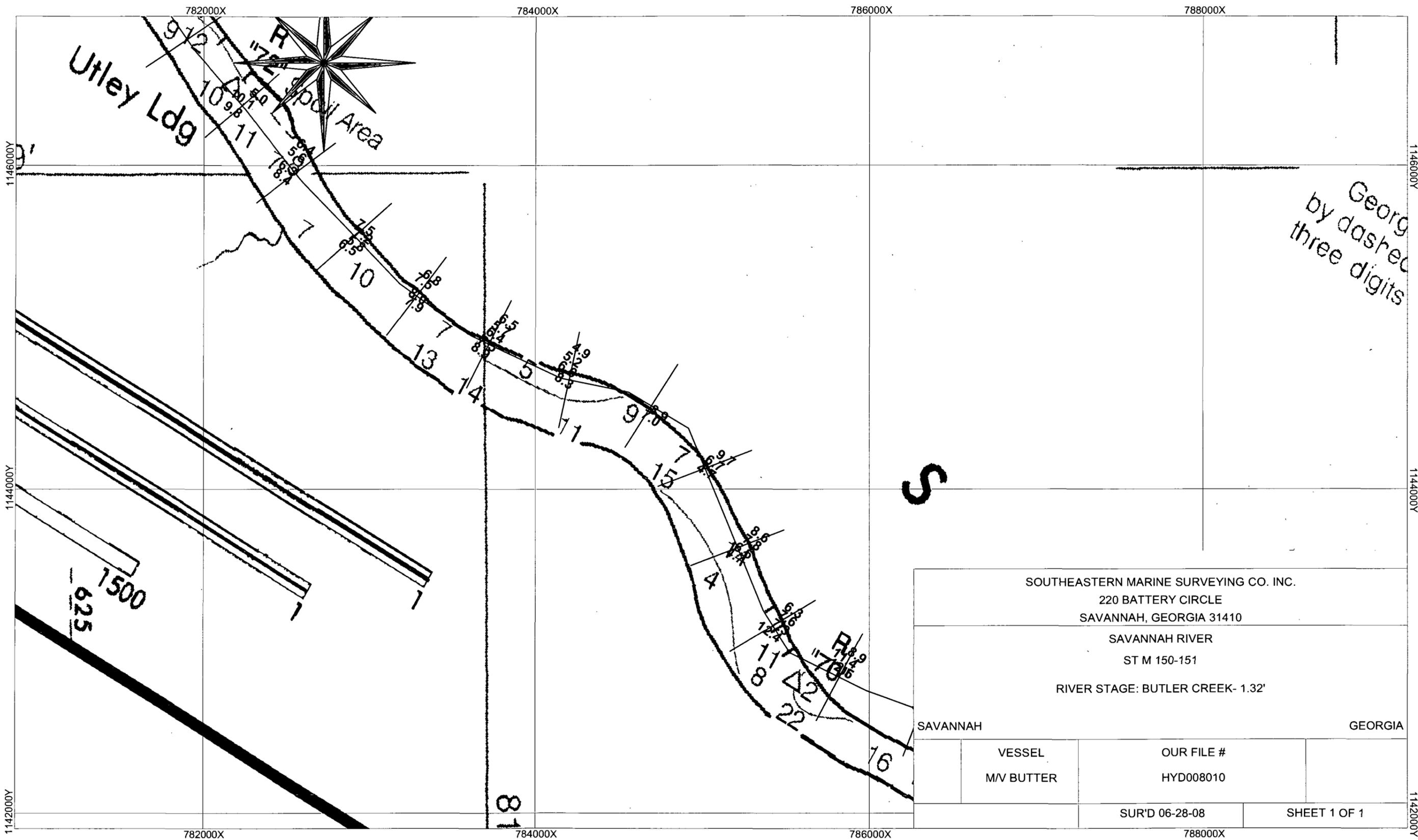


Do not rely solely on this information, particularly in areas of reduced visibility. Consult U.S. Coast Guard Light List for details.

Mariners are advised that floating debris may exist adjacent to the spoil areas and may impede navigation.

SUPPLEMENTAL INFORMATION
 Consult U.S. Coast Pilot for supplemental information.

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|---|------------|--------------|--|
| SOUTHEASTERN MARINE SURVEYING CO. INC. 220 BATTERY CIRCLE SAVANNAH, GEORGIA 31410 | | | |
| SAVANNAH RIVER ST M 149-150 RIVER STAGE: BUTLER CREEK- 1.32' | | | |
| SAVANNAH | | GEORGIA | |
| VESSEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| SUR'D 06-28-08 | | SHEET 1 OF 1 | |



SOUTHEASTERN MARINE SURVEYING CO. INC.
 220 BATTERY CIRCLE
 SAVANNAH, GEORGIA 31410

SAVANNAH RIVER
 ST M 150-151
 RIVER STAGE: BUTLER CREEK- 1.32'

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|------------|------------|----------------|--------------|
| SAVANNAH | | GEORGIA | |
| VESEL | OUR FILE # | | |
| M/V BUTTER | HYD008010 | | |
| | | SUR'D 06-28-08 | SHEET 1 OF 1 |