

Ref.# 00503

H08820 WH 10-1-64  
 H08821 WH 10-2-64

MGG03-03-08-5001

66-0003

| FORM C&GS-733M<br>(8-23-60)                 |        | OCEANOGRAPHIC LOG SHEET - M MGG03085001 |           |                            |                              |   |                             |                             |                   |  |               | U.S. DEPARTMENT OF COMMERCE<br>COAST AND GEODETIC SURVEY |  |
|---|--------|---|-----------|----------------------------|------------------------------|---|-----------------------------|-----------------------------|-------------------|--|---------------|--|--|
| VESSEL                                      |        | PROJ. NO.                               | YEAR      |                            | NANTUCKET SOUND              |   |                             |                             |                   | CHECKED BY   | DATE CHECKED  |  |  |
| DAY AND<br>SERIAL NO.<br>POSITION<br>NUMBER | DATE   | SAMPLE POSITION                         |           | DEPTH<br>FEET<br>(Fathoms) | WEIGHT<br>OF<br>SAM-<br>PLER | ST. P. & R.<br>PROX.<br>PENE-<br>TRA-<br>TION | NO.<br>LENGTH<br>OF<br>CORE | COLOR<br>OF<br>SED-<br>MENT | FIELD DESCRIPTION | REMARKS<br>(Unusual conditions, cohesiveness, dented<br>cutter, stat. no., type of bottom relief i.e.,<br>slope, plain, disposition, etc.) | OBS.<br>INIT. |  |  |
|   |        | LATITUDE                                | LONGITUDE |                            |                              |   |                             |                             |                   |  |               |  |  |
| 19 d  | 27 JUN | 41°21.82'                               | 70°30.22' | 8.0                        | WH                           | 10  | 1                           | 64                          | bk. M.            | H08820   |               |  |  |
| 102 g                                       | 18 JUN | 41°21.17'                               | 70°28.43' | 2.0                        | WH                           | 10  | 1                           | 64                          | fne. br. S        | H08820   |               |  |  |
| 104 g                                       | 18 JUN | 41°21.22'                               | 70°28.77' | 1.8                        | WH                           | 10  | 1                           | 64                          | fne. br. S        | H08820   |               |  |  |
| 105 g                                       | 18 JUN | 41°21.13'                               | 70°29.30' | 1.5                        | WH                           | 10  | 1                           | 64                          | fne. br. S        | H08820   |               |  |  |
| 127 g                                       | 18 JUN | 41°21.34'                               | 70°28.65' | 1.8                        | WH                           | 10  | 1                           | 64                          | fne. br. S        | H08820   |               |  |  |
| 128 g                                       | 18 JUN | 41°21.68'                               | 70°29.30' | 7.0                        | WH                           | 10  | 1                           | 64                          | fne. br. S & sh   | H08820   |               |  |  |
| 137 g                                       | 18 JUN | 41°21.30'                               | 70°29.80' | 1.2                        | WH                           | 10  | 1                           | 64                          | fne. br. S        | H08820   |               |  |  |
| 144 g                                       | 18 JUN | 41°21.80'                               | 70°29.80' | 3.0                        | WH                           | 10  | 1                           | 64                          | fne. br. S        | H08820   |               |  |  |
| 34 K  | 29 JUN | 41°24.10'                               | 70°30.25' | 3.0                        | WH                           | 10  | 1                           | 64                          | Crs. gy. S & wd.  | H08820   |               |  |  |
| 49 M  | 22 JUL | 41°24.78'                               | 70°33.03' | 1.2                        | WH                           | 10  | 1                           | 64                          | gy S, sh, wd.     | H08820   |               |  |  |
| 20 P  | 26 JUL | 41°24.74'                               | 70°27.13' | 15.0                       | WH                           | 10  | 1                           | 64                          | bk. SILT          | H08820   |               |  |  |
| 28 v  | 27 JUL | 41°29.50'                               | 70°20.75' | 24.0                       | WH                           | 12.5  | 1                           | 63                          | fne. br. S & P    | H08824   |               |  |  |
| 95 v  | 27 JUL | 41°31.92'                               | 70°24.86' | 17.0                       | WH                           | 12.5  | 1                           | 63                          | fne. br. S        | H08824   |               |  |  |
| 96 v  | 27 JUL | 41°31.72'                               | 70°25.24' | 9.0                        | WH                           | 12.5  | 1                           | 63                          | fne. br. S        | H08824   |               |  |  |
| 104 v                                       | 27 JUL | 41°31.26'                               | 70°22.81' | 14.0                       | WH                           | 12.5  | 1                           | 63                          | P & sh            | H08824   |               |  |  |
| 110 v                                       | 27 JUL | 41°30.70'                               | 70°22.10' | 11.0                       | WH                           | 12.5  | 1                           | 63                          | crs. br. S        | H08824   |               |  |  |
| 115 v                                       | 27 JUL | 41°30.38'                               | 70°21.33' | 15.0                       | WH                           | 12.5  | 1                           | 63                          | fne. br. S & P    | H08824   |               |  |  |

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Use more than one line per sample if necessary.

H08824 WH 12.5-1-63

WH 12.5-1-64

H08824 WH 12.5-1-63  
 H08761 WH 125-1-64

MGG03-08-5001

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| FORM C&GS-733M<br>(8-23-60) |              | OCEANOGRAPHIC LOG SHEET - MGG03085001 |            |                            |                               |   |                                |                         |                   |  |               | U.S. DEPARTMENT OF COMMERCE<br>COAST AND GEODETIC SURVEY |  |
|-----------------------------|--------------|---------------------------------------|------------|----------------------------|-------------------------------|---|--------------------------------|-------------------------|-------------------|--|---------------|--|--|
| VESSEL<br>LAUNCH I          |              | PROJ. NO.<br>369                      |            | YEAR<br>1964               |                               | NANTUCKET SOUND                         |                                |                         |                   | CHECKED BY   |               | DATE CHECKED   |  |
| DAY &<br>POSITION           | DATE<br>1964 | SAMPLE POSITION                       |            | DEPTH<br>FEET<br>(Fathoms) | WEIGHT<br>OF<br>SAND<br>PAPER | SHEET<br>NO.<br>FROM<br>REVE-<br>LATION | NO.<br>OF<br>CORE<br>OR<br>OWE | COLOR<br>OF<br>SEDIMENT | FIELD DESCRIPTION | REMARKS<br>(Unusual conditions, cohesiveness, dented<br>cutter, stat. no., type of bottom relief i.e.,<br>slope, plain, disposition, etc.) | OBS.<br>INIT. |  |  |
|                             |              | LATITUDE                              | LONGITUDE  |                            |                               |   |                                |                         |                   |  |               |  |  |
| 121 V                       | 27 Jul       | 41° 20.88'                            | 70° 20.32' | 15.0                       | WH                            | 12.5                                    | 1                              | 63                      | crs S             | H08824   |               |  |  |
| 127 V                       | 27 Jul       | 41° 31.25'                            | 70° 22.12' | 17.0                       | WH                            | 12.5                                    | 1                              | 63                      | P                 | H08824   |               |  |  |
| 101 T                       | 23 Jul       | 41° 29.09'                            | 70° 21.20' | 25.0                       | WH                            | 12.5                                    | 1                              | 63                      | ? Sh              | H08824   |               |  |  |
| 103 T                       | 23 Jul       | 41° 29.40'                            | 70° 21.50' | 25.0                       | WH                            | 12.5                                    | 1                              | 63                      | gr. S, Sh, P      | H08824   |               |  |  |
| 52 W                        | 28 Jul       | 41° 31.62'                            | 70° 22.33' | 11.2                       | WH                            | 12.5                                    | 1                              | 63                      | P & Sh            | H08824   |               |  |  |
| 57 W                        | 28 Jul       | 41° 32.17'                            | 70° 22.87' | 14.8                       | WH                            | 12.5                                    | 1                              | 63                      | P & Sh            | H08824   |               |  |  |
| 93 W                        | 28 Jul       | 41° 32.58'                            | 70° 21.48' | 13.8                       | WH                            | 12.5                                    | 1                              | 63                      | fne br S          | H08824   |               |  |  |
| 98 W                        | 28 Jul       | 41° 32.72'                            | 70° 20.64' | 16.0                       | WH                            | 12.5                                    | 1                              | 63                      | fne br S          | H08824   |               |  |  |
| 99 W                        | 28 Jul       | 41° 32.72'                            | 70° 20.07' | 20.2                       | WH                            | 12.5                                    | 1                              | 63                      | fne br S & Sh     | H08824   |               |  |  |
| 102 N                       | 19 SEPT      | 41° 22.10'                            | 70° 17.07' | 18.0                       | WH                            | 12.5                                    | 1                              | 64                      | crs br S          | H08761   |               |  |  |
| 103 N                       | 19 SEPT      | 41° 23.59'                            | 70° 16.62' | 13.4                       | WH                            | 12.5                                    | 1                              | 64                      | P & S             | H08761   |               |  |  |
| 104 N                       | 19 SEPT      | 41° 23.54'                            | 70° 16.29' | 19.0                       | WH                            | 12.5                                    | 1                              | 64                      | crs br S          | H08761   |               |  |  |
|                             |              |                                       |            |                            |                               |   |                                |                         |                   |  |               |  |  |
|                             |              |                                       |            |                            |                               |   |                                |                         |                   |  |               |  |  |
|                             |              |                                       |            |                            |                               |   |                                |                         |                   |  |               |  |  |
|                             |              |                                       |            |                            |                               |   |                                |                         |                   |  |               |  |  |
|                             |              |                                       |            |                            |                               |   |                                |                         |                   |  |               |  |  |

Use more than one line per sample if necessary.

408820 WH. 10-1-64

MGG03085001

3

| FORM C&GS-733M<br>(8-23-60) |                   | OCEANOGRAPHIC LOG SHEET - M<br>BOTTOM SEDIMENT DATA |                     |                           |                       |                       |                   |                         |                             |  |               | MGG03085001 DEPARTMENT OF COMMERCE<br>COAST AND GEODETIC SURVEY |  |
|-----------------------------|-------------------|---|---------------------|---------------------------|-----------------------|-----------------------|-------------------|-------------------------|-----------------------------|--|---------------|---|--|
| VESSEL<br>LAUNCH II         |                   | PROJ. NO.<br>369                                    |                     | YEAR<br>1964              |                       | NANTUCKET SOUND       |                   |                         |                             | CHECKED BY   | DATE CHECKED  |   |  |
| DAY &<br>POSITION           | DATE              | SAMPLE POSITION                                     |                     | DEPTH<br>FEET<br>(Bottom) | WATER<br>TEMP<br>SURF | WATER<br>TEMP<br>1000 | NO.<br>OF<br>CORE | COLOR<br>OF<br>SEDIMENT | FIELD DESCRIPTION           | REMARKS<br>(Unusual conditions, cohesiveness, dented<br>cutter, stat. no., type of bottom relief i.e.,<br>slope, plain, disposition, etc.) | OBS.<br>INIT. |   |  |
| POSITION No.                | 1964              | LATITUDE<br>41° N.                                  | LONGITUDE<br>70° W. |                           |                       |                       |                   |                         |                             |  |               |   |  |
| 73 b                        | 11 JUN            | 22.74'  | 30.39'              | 22.0                      | WH                    | 10                    | 1                 | 64                      | crs br s, sh                | 408820   |               |   |  |
| 74 b                        | 11 JUN            | 22.08'  | 30.28'              | 22.4                      | WH                    | 10                    | 1                 | 64                      | fine br s, sh, wd           | 408820   |               |   |  |
| 68 c                        | 12 JUN            | 23.35   | 30.12               | 18.0                      | WH                    | 10                    | 1                 | 64                      | crs. brns, M, sh            | 408820   |               |   |  |
| 44 j                        | 18 JUN            | 24.79   | 28.22               | 13.4                      | WH                    | 10                    | 1                 | 64                      | crs. br. S & G              | 408820   |               |   |  |
| 54 j                        | 18 JUN            | 23.90   | 29.78               | 8.0                       | WH                    | 10                    | 1                 | 64                      | crs. br. S                  | 408820   |               |   |  |
| 70 j                        | 18 JUN            | 24.84   | 30.12               | 8.4                       | WH                    | 10                    | 1                 | 64                      | crs. br. S                  | 408820   |               |   |  |
| 71 j                        | 18 JUN            | 24.83   | 30.82               | 19.0                      | WH                    | 10                    | 1                 | 64                      | med br. S & Sh              | 408820   |               |   |  |
| 72 j                        | 18 JUN            | 24.80   | 31.60               | 26.4                      | WH                    | 10                    | 1                 | 64                      | M & Sh                      | 408820   |               |   |  |
| 51 l                        | 26 JUN            | 24.67   | 32.30               | 6.0                       | WH                    | 10                    | 1                 | 64                      | med gy S                    | 408820   |               |   |  |
| 6 m                         | 9 Jul             | 24.83   | 28.01               | 15.0                      | WH                    | 10                    | 1                 | 64                      | Silt & grass                | 408820   |               |   |  |
| 73 n                        | 12 Jul            | 24.27   | 27.65               | 7.2                       | WH                    | 10                    | 1                 | 64                      | Silt & GRASS                | 408820   |               |   |  |
| 118 n                       | 12 Jul            | 23.05   | 27.66               | 8.5                       | WH                    | 10                    | 1                 | 64                      | crs. gy. S & Sh             | 408820   |               |   |  |
| 126 n                       | 12 Jul            | 23.83   | 27.40               | 8.0                       | WH                    | 10                    | 1                 | 64                      | crs. Gy. S & GRASS          | 408820   |               |   |  |
| <del>13 ba</del>            | <del>7 SEPT</del> | <del>21.81</del>                                    | <del>26.90</del>    | <del>17.0</del>           | <del>WH</del>         | <del>10</del>         | <del>1</del>      | <del>64</del>           | <del>crs gy S &amp; G</del> | <del>Rejected</del>  |               |   |  |
| 92 ba                       | 7 SEPT            | 21.81   | 26.90               | 17.0                      | WH                    | 10                    | 1                 | 64                      | Gr & P                      | 408820   |               |   |  |
| 93 ba                       | 7 SEPT            | 22.52   | 26.80               | 12.8                      | WH                    | 10                    | 1                 | 64                      | Gr & GRASS                  | 408820   |               |   |  |
| 94 ba                       | 7 SEPT            | 23.00   | 26.92               | 13.2                      | WH                    | 10                    | 1                 | 64                      | Gr.                         | 408820   |               |   |  |

Use more than one line per sample if necessary.

408820 WH-10-1-64  
408845 WH-10-3-64

MGG8-03-08-5001

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FORM C&GS-733M (8-23-60) OCEANOGRAPHIC LOG SHEET - M MGG03085001 U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY BOTTOM SEDIMENT DATA

VESSEL LAUNCH II PROJ. NO. 369 YEAR 1964 NANTUCKET SOUND CHECKED BY DATE CHECKED

| POSITION<br>DAY NO. | DATE<br>1964 | SAMPLE POSITION    |                     | DEPTH<br>FEET<br>(Bottom) | WEIGHT<br>OF<br>SAMP<br>RETR | SHEET<br>NO.<br>OF<br>RETR | NO.<br>OF<br>SAMP<br>RETR | CORR.<br>OF<br>SAMP<br>RETR | FIELD DESCRIPTION | REMARKS<br>(Unusual conditions, cohesiveness, dented<br>cutter, stat. no., type of bottom relief i.e.,<br>slope, plain, disposition, etc.) | OBS.<br>INIT. |
|---------------------|--------------|--------------------|---------------------|---------------------------|------------------------------|----------------------------|---------------------------|-----------------------------|-------------------|--|---------------|
|                     |              | LATITUDE<br>41° N. | LONGITUDE<br>70° W. |                           |                              |                            |                           |                             |                   |  |               |
| 64 b                | 9 OCT        | 15.65'             | 12.20'              | 30.4                      | WH                           | 10                         | 3                         | 64                          | med br S          | 408845   |               |
| 65 b                | 9 OCT        | 16.07'             | 12.63'              | 19.6                      | WH                           | 10                         | 3                         | 64                          | med br S          | 408845   |               |
| 66 b                | 9 OCT        | 15.82'             | 13.34'              | 30.2                      | WH                           | 10                         | 3                         | 64                          | med br S          | 408845   |               |
| 62 c                | 18 SEPT      | 22.77'             | 22.73'              | 27.8                      | WH                           | 12.5                       | 1                         | 64                          | P & Sh            | 408761   |               |
| 105 c               | 18 SEPT      | 22.40'             | 20.64'              | 41.0                      | WH                           | 12.5                       | 1                         | 64                          | fne br S & Sh     | 408761   |               |
| 2 d                 | 20 SEPT      | 23.58'             | 24.21'              | 12.5                      | WH                           | 12.5                       | 1                         | 64                          | br S & Sh         | 4087610  |               |
| 14 d                | 20 SEPT      | 22.63'             | 21.66'              | 12.5                      | WH                           | 12.5                       | 1                         | 64                          | med br S, Gr, Sh  | 408761   |               |
| 23 d                | 20 SEPT      | 22.21'             | 19.46'              | 12.5                      | WH                           | 12.5                       | 1                         | 64                          | P                 | 408761   |               |
| 44 d                | 20 SEPT      | 22.30'             | 18.53'              | 12.5                      | WH                           | 12.5                       | 1                         | 64                          | P                 | 408761   |               |
| 52 d                | 20 SEPT      | 21.95'             | 17.17'              | 12.5                      | WH                           | 12.5                       | 1                         | 64                          | Gr.               | 408761   |               |
| 1 e                 | 28 SEPT      | 24.88'             | 24.18'              | 10.8                      | WH                           | 12.5                       | 1                         | 64                          | crs. br S         | 4087610  |               |
| 2 e                 | 28 SEPT      | 24.35'             | 20.94'              | 17.0                      | WH                           | 12.5                       | 1                         | 64                          | med, fne S        | 408761   |               |
| 3 e                 | 28 SEPT      | 23.56'             | 22.90'              | 34.4                      | WH                           | 12.5                       | 1                         | 64                          | crs br S, G       | 408761   |               |
| 4 e                 | 28 SEPT      | 23.86'             | 21.01'              | 38.2                      | WH                           | 12.5                       | 1                         | 64                          | crs S & P         | 408761   |               |
| 5 e                 | 28 SEPT      | 23.54'             | 19.20'              | 44.8                      | WH                           | 12.5                       | 1                         | 64                          | med gy S & Sh     | 408761   |               |
| 6 e                 | 28 SEPT      | 23.48'             | 17.62'              | 51.0                      | WH                           | 12.5                       | 1                         | 64                          | fne S & bk Silt   | 408761   |               |
| 7 e                 | 28 SEPT      | 22.85'             | 18.55'              | 23.8                      | WH                           | 12.5                       | 1                         | 64                          | Med br S          | 408761   |               |

Use more than one line per sample if necessary.

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408781 WH 125-1-64

140 8820 WH-10-1-64  
 140 8821 WH 10-2-64

MGG 03-08-5001

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| FORM C&GS-733M<br>(8-23-60) |         | OCEANOGRAPHIC LOG SHEET - M<br>BOTTOM SEDIMENT DATA |              | MGG03085001     |              | U.S. DEPARTMENT OF COMMERCE<br>OCEANOGRAPHY AND GEODETIC SURVEY |                     |                   |  |               |
|-----------------------------|---------|---|--------------|-----------------|--------------|---|---------------------|-------------------|--|---------------|
| VESSEL<br>LAUNCH II         |         | PROJ. NO.<br>369                                    | YEAR<br>1964 | NANTUCKET SOUND |              |   | CHECKED BY          | DATE CHECKED      |  |               |
| POSITION<br>DAY NO.         | DATE    | SAMPLE POSITION<br>LATITUDE LONGITUDE               |              | DEPTH<br>FEET   | SHEET<br>NO. | NO.<br>OF<br>SHEETS   | NO.<br>OF<br>SHEETS | FIELD DESCRIPTION | REMARKS<br>(Unusual conditions, cohesiveness, dented<br>cutter, stat. no., type of bottom relief i.e.,<br>slope, plain, disposition, etc.) | OBS.<br>INIT. |
| 95 ba                       | 7 SEPT  | 43.54'  | 26.62'       | 11.4            | WH           | 10  | 1                   | 64                | crs S & Gr.  | 1408820       |
| 96 ba                       | 7 SEPT  | 44.06'  | 26.73'       | 14.8            | WH           | 10  | 1                   | 64                | P & Gr.  | 1408820       |
| 97 ba                       | 7 SEPT  | 24.75'  | 26.84'       | 10.0            | WH           | 10  | 1                   | 64                | Gr. & grass  | 1408820       |
| 16 ja                       | 30 SEPT | 20.68'  | 29.60'       | 12.0            | WH           | 10  | 1                   | 64                | S, Gr, sh  | 1408820       |
| 17 ja                       | 30 SEPT | 20.67'  | 30.88'       | 12.0            | WH           | 10  | 1                   | 64                | med br S   | 1408820       |
| 18 ja                       | 30 SEPT | 20.70'  | 28.85'       | 15.0            | WH           | 10  | 1                   | 64                | crs br S   | 1408820       |
| 19 ja                       | 30 SEPT | 20.68'  | 27.78'       | 14.0            | WH           | 10  | 1                   | 64                | med P & crs S  | 1408820       |
| 20 ja                       | 30 SEPT | 20.60'  | 27.23'       | 15.0            | WH           | 10  | 1                   | 64                | crs G & P  | 1408820       |
| 221 f                       | 8 Jul   | 25.36'  | 29.48'       | 22.4            | WH           | 10  | 2                   | 64                | fne br S   | 1408821       |
| 222 f                       | 8 Jul   | 25.23'  | 30.47'       | 16.2            | WH           | 10  | 2                   | 64                | Gr.  | 1408821       |
| 129 h                       | 10 Jul  | 25.24'  | 33.02'       | 7.2             | WH           | 10  | 2                   | 64                | fne br S   | 1408821       |
| 130 h                       | 10 Jul  | 25.83'  | 33.30'       | 8.2             | WH           | 10  | 2                   | 64                | med br S   | 1408821       |
| 73 j                        | 11 Jul  | 27.62'  | 30.59'       | 38.0            | WH           | 10  | 2                   | 64                | sh   | 1408821       |
| 78 n                        | 21 Jul  | 28.06'  | 33.47'       | 20.0            | WH           | 10  | 2                   | 64                | P & wd   | 1408821       |
| 104 n                       | 21 Jul  | 27.60'  | 32.97'       | 19.2            | WH           | 10  | 2                   | 64                | P  | 1408821       |
| 119 n                       | 21 Jul  | 26.75'  | 32.69'       | 21.8            | WH           | 10  | 2                   | 64                | P & sh   | 1408821       |
| 8 e                         | 28 SEPT | 23.10'  | 20.41'       | 17.2            | WH           | 12.5  | 1                   | 64                | med gy S, sh, P  | 1408761       |

Use more than one line per sample if necessary.

USCOMM-DC 8220-P62

1408761 WH 12.5-1-64

H0 8824 WH 12.5-1-63

MGG8-03-08-5001

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| FORM C&GS-733M<br>(8-23-60) |              | OCEANOGRAPHIC LOG SHEET - M<br>BOTTOM SEDIMENT DATA |              | MGG03085001                 |                         | U.S. DEPARTMENT OF COMMERCE<br>COAST AND GEODETIC SURVEY |                   |                              |                   |  |               |
|-----------------------------|--------------|---|--------------|-----------------------------|-------------------------|--|-------------------|------------------------------|-------------------|--|---------------|
| VESSEL<br>SHIP WHITING      |              | PROJ. NO.<br>369                                    | YEAR<br>1964 | NANTUCKET SOUND             |                         | CHECKED BY   | DATE CHECKED      |                              |                   |  |               |
| POSITION<br>DAY NO.         | DATE<br>1964 | SAMPLE POSITION<br>LATITUDE<br>LONGITUDE            |              | DEPTH<br>FEET<br>(Pathways) | WGT<br>OF<br>SPL<br>PWR | SHEET<br>NO.<br>AT<br>PROX.<br>RENE-<br>WAL-<br>TON      | NO.<br>OF<br>CORE | COLOR<br>OF<br>SED-<br>IMENT | FIELD DESCRIPTION | REMARKS<br>(Unusual conditions, cohesiveness, dented<br>cutter, stat. no., type of bottom relief i.e.,<br>slope, plain, disposition, etc.) | OBS.<br>INIT. |
| 1E                          | 24 AUG       | 29.18'  | 25.61'       | 58.0                        | WH                      | 12.5   | 1                 | 63                           | crs br S, sh      | H0 8824  |               |
| 2E                          | 24 AUG       | 29.21'  | 24.46'       | 59.0                        | WH                      | 12.5   | 1                 | 63                           | fne br, gy S      | H0 8824  |               |
| 3E                          | 24 AUG       | 29.25'  | 23.50'       | 32.4                        | WH                      | 12.5   | 1                 | 63                           | crs br S & P      | H0 8824  |               |
| 4E                          | 24 AUG       | 29.29'  | 22.41'       | 23.2                        | WH                      | 12.5   | 1                 | 63                           | rock              | H0 8824  |               |
| 5E                          | 24 AUG       | 30.27'  | 23.75'       | 30.6                        | WH                      | 12.5   | 1                 | 63                           | med br S          | H0 8824  |               |
| 6E                          | 24 AUG       | 30.27'  | 24.75'       | 36.8                        | WH                      | 12.5   | 1                 | 63                           | fne br S & sh     | H0 8824  |               |
| 7E                          | 24 AUG       | 30.21'  | 25.85'       | 48.0                        | WH                      | 12.5   | 1                 | 63                           | fne br S          | H0 8824  |               |
| 8E                          | 24 AUG       | 31.25'  | 25.64'       | 29.4                        | WH                      | 12.5   | 1                 | 63                           | crs S, G, sh      | H0 8824  |               |
| 9E                          | 24 AUG       | 31.34'  | 27.76'       | 52.6                        | WH                      | 12.5   | 1                 | 63                           | br S              | H0 8824  | outside       |
| 10E                         | 24 AUG       | 31.33'  | 23.64'       | 29.0                        | WH                      | 12.5   | 1                 | 63                           | fne gy S, sh      | H0 8824  |               |
| 11E                         | 24 AUG       | 32.23'  | 23.65'       | 107.2                       | WH                      | 12.5   | 1                 | 63                           | fne br S          | H0 8824  |               |
| 12E                         | 24 AUG       | 32.30'  | 24.48'       | 38.6                        | WH                      | 12.5   | 1                 | 63                           | crs br S, sh      | H0 8824  |               |
| 13E                         | 24 AUG       | 31.93'  | 25.67'       | 35.0                        | WH                      | 12.5   | 1                 | 63                           | crs br S, sh      | H0 8824  |               |
| 14E                         | 24 AUG       | 31.30'  | 20.20'       | 25.4                        | WH                      | 12.5   | 1                 | 63                           | crs br, gy S, P   | H0 8824  |               |
| 15E                         | 24 AUG       | 31.30'  | 19.20'       | 37.6                        | WH                      | 12.5   | 1                 | 63                           | fne br S          | H0 8824  |               |
| 16E                         | 24 AUG       | 30.40'  | 19.90'       | 31.8                        | WH                      | 12.5   | 1                 | 63                           | fne br, gy S, P   | H0 8824  |               |

Use more than one line per sample if necessary.

USCOMM-DC 8220-P62

H08821 WH 10-2-64

M668-03-08-5001

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| FORM C&GS-733M<br>(8-23-60) |        | OCEANOGRAPHIC LOG SHEET - M<br>BOTTOM SEDIMENT DATA         |        |               |                   |   |                             |                                 |                   |  |               | MGG03085001  |  | U.S. DEPARTMENT OF COMMERCE<br>COAST AND GEODETIC SURVEY |  |
|-----------------------------|--------|---|--------|---------------|-------------------|---|-----------------------------|---------------------------------|-------------------|--|---------------|--------------|--|--|--|
| VESSEL<br>SHIP WHITING      |        | PROJ. NO.<br>369  |        | YEAR<br>1964  |                   | NANTUCKET SOUND                           |                             |                                 |                   | CHECKED BY   |               | DATE CHECKED |  |  |  |
| POSITION<br>DATE<br>DAY NO. | 1964   | SAMPLE POSITION<br>LATITUDE<br>41° N<br>LONGITUDE<br>70° W. |        | DEPTH<br>FEET | WIND<br>DIRECTION | SHEET<br>NO.<br>FROM<br>TOP<br>OF<br>CORE | NO.<br>LENGTH<br>OF<br>CORE | COLOR<br>OF<br>SED.<br>MATERIAL | FIELD DESCRIPTION | REMARKS<br>(Unusual conditions, cohesiveness, dented<br>cutter, stat. no., type of bottom relief i.e.,<br>slope, plain, disposition, etc.) | OBS.<br>INIT. |              |  |  |  |
| 1A                          | 25 AUG | 25.78'  | 27.72' | 31.6          | WH                | 10  | 2                           | 64                              | fne br, gy S      | H08821   |               |              |  |  |  |
| 2A                          | 25 AUG | 26.38'  | 27.36' | 50.2          | WH                | 10  | 2                           | 64                              | fne br S, sh      | H08821   |               |              |  |  |  |
| 4A                          | 25 AUG | 27.81'  | 27.24' | 41.0          | WH                | 10  | 2                           | 64                              | fne br, gy S, sh  | H08821   |               |              |  |  |  |
| 5A                          | 25 AUG | 28.28'  | 28.20' | 61.0          | WH                | 10  | 2                           | 64                              | fne br S, sh      | H08821   |               |              |  |  |  |
| 6A                          | 25 AUG | 27.59'  | 28.30' | 55.6          | WH                | 10  | 2                           | 64                              | fne br S, sh      | H08821   |               |              |  |  |  |
| 7A                          | 25 AUG | 26.85'  | 28.44' | 53.6          | WH                | 10  | 2                           | 64                              | P, br, gy S, M    | H08821   |               |              |  |  |  |
| 8A                          | 25 AUG | 26.26'  | 28.56' | 28.8          | WH                | 10  | 2                           | 64                              | fne br, bk S      | H08821   |               |              |  |  |  |
| 9A                          | 25 AUG | 25.38'  | 28.56' | 49.0          | WH                | 10  | 2                           | 64                              | fne gy S, cl, M   | H08821   |               |              |  |  |  |
| 10A                         | 25 AUG | 26.30'  | 29.95' | 25.6          | WH                | 10  | 2                           | 64                              | bk M, cl, sh      | H08821   |               |              |  |  |  |
| 11A                         | 25 AUG | 27.25'  | 29.35' | 27.6          | WH                | 10  | 2                           | 64                              | fne br S          | H08821   |               |              |  |  |  |
| 12A                         | 25 AUG | 28.40'  | 29.40' | 28.0          | WH                | 10  | 2                           | 64                              | fne br S          | H08821   |               |              |  |  |  |
| 13A                         | 25 AUG | 28.60'  | 31.00' | 56.6          | WH                | 10  | 2                           | 64                              | cfs br S, P, sh   |  |               |              |  |  |  |
| 14A                         | 25 AUG | 26.50'  | 30.71' | 63.0          | WH                | 10  | 2                           | 64                              | bk M, P, sh       | H08821   |               |              |  |  |  |
| 15A                         | 25 AUG | 25.47'  | 30.62' | 37.0          | WH                | 10  | 2                           | 64                              | fne gy S, cl      | H08821   |               |              |  |  |  |
| 16A                         | 25 AUG | 25.20'  | 31.60' | 30.0          | WH                | 10  | 2                           | 64                              | fne gy S          | H08821   |               |              |  |  |  |
| 17A                         | 25 AUG | 26.30'  | 31.70' | 27.6          | WH                | 10  | 2                           | 64                              | bk cl, M, sh      | H08821   |               |              |  |  |  |
| 3A                          | 25 AUG | 26.89'  | 27.25' | 27.6          | WH                | 10  | 2                           | 64                              | fne br, gy S      | H08821   |               |              |  |  |  |

Use more than one line per sample if necessary.

USCOMM-DC 8220-P62

? outside

408820 WH 10-1-64  
 408821 WH 10-2-64

MGG-03-08-500.1

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| FORM C&GS-733M<br>(8-23-60) |        | OCEANOGRAPHIC LOG SHEET - M |           | MGG0308500.1  |        | DEPARTMENT OF COMMERCE<br>COAST AND GEODETIC SURVEY |              |   |        |
|-----------------------------|--------|-----------------------------|-----------|---------------|--------|---|--------------|---|--------|
| VESSEL                      |        | PROJ. NO.                   | YEAR      | NAME OF SOUND |        | CHECKED BY  | DATE CHECKED |   |        |
| POSITION                    | DATE   | SAMPLE POSITION             |           | DEPTH         | WEIGHT | NO.   | NO.          | REMARKS   | OBS.   |
| DAY NO.                     | 1964   | LATITUDE                    | LONGITUDE | FEET          | OF     | OF  | OF           | (Unusual conditions, cohesiveness, dented cutter, stat. no., type of bottom relief i.e., slope, plain, disposition, etc.) | INIT.  |
| 18 A                        | 25 Aug | 27.30'                      | 31.70'    | 33.8          | WH     | 10  | 2 64         | fne br, gy S  | 408821 |
| 19 A                        | 25 Aug | 28.00'                      | 31.70'    | 20.4          | WH     | 10  | 2 64         | fne gy S  | 408821 |
| 20 A                        | 25 Aug | 28.80'                      | 31.60'    | 66.0          | WH     | 10  | 2 64         | crs br, gy S, M, P, Sh  | 408821 |
| 21 A                        | 25 Aug | 28.80'                      | 32.55'    | 93.0          | WH     | 10  | 2 64         | crs gy S, cl, G   | 408821 |
| 22 A                        | 25 Aug | 28.90'                      | 33.80'    | 72.4          | WH     | 10  | 2 64         | br, gy S, cl, P   | 408821 |
| 23 A                        | 25 Aug | 27.78'                      | 29.63'    | 55.8          | WH     | 10  | 2 64         | crs, br, gy S, cl, P  | 408821 |
| 24 A                        | 25 Aug | 26.13'                      | 26.46'    | 24.0          | WH     | 10  | 2 64         | crs br S  | 408821 |
| 25 A                        | 25 Aug | 26.80'                      | 26.45'    | 41.0          | WH     | 10  | 2 64         | fne br S, sh  | 408821 |
| 26 A                        | 25 Aug | 27.63'                      | 26.36'    | 61.2          | WH     | 10  | 2 64         | fne br S, sh, P   | 408821 |
| 27 A                        | 25 Aug | 26.79'                      | 25.14'    | 37.6          | WH     | 10  | 2 64         | fne br, gy S  | 408821 |
| 28 A                        | 25 Aug | 25.98'                      | 25.38'    | 35.4          | WH     | 10  | 2 64         | fne br S  | 408821 |
| 29 A                        | 25 Aug | 25.07'                      | 25.44'    | 33.8          | WH     | 10  | 2 64         | fne br S, Gr Sh   | 408821 |
| 1 B                         | 11 OCT | 24.68'                      | 29.00'    | 34.4          | WH     | 10  | 1 64         | bk M, cl, sh  | 408820 |
| 2 B                         | 11 OCT | 24.06'                      | 29.00'    | 32.6          | WH     | 10  | 1 64         | bk M, S   | 408820 |

Use more than one line per sample if necessary.

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1408820 WH-10-1-64  
 1408845 WH 10-3-64

M66B-03-08-5001

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**MGG03085001**

FORM C&GS-733M (8-23-60) **OCEANOGRAPHIC LOG SHEET - M** DEPARTMENT OF COMMERCE  
**BOTTOM SEDIMENT DATA** COAST AND GEODETIC SURVEY

| VESSEL              |              | PROJ. NO.          | YEAR                | NANTUCKET SOUND           |              |                          |                        | CHECKED BY                   | DATE CHECKED         |  |               |
|---------------------|--------------|--------------------|---------------------|---------------------------|--------------|--------------------------|------------------------|------------------------------|----------------------|--|---------------|
| POSITION NO.<br>DAY | DATE<br>1964 | SAMPLE POSITION    |                     | DEPTH<br>FEET<br>(Bottom) | SPEED<br>KTS | DIRECTION<br>OF<br>DRIFT | NO.<br>OF<br>SOUNDINGS | CORRECTION<br>OF<br>SOUNDING | FIELD DESCRIPTION    | REMARKS<br>(Unusual conditions, cohesiveness, dented cutter, stat. no., type of bottom relief i.e., slope, plain, disposition, etc.) | OBS.<br>INIT. |
|                     |              | LATITUDE<br>41° N. | LONGITUDE<br>70° W. |                           |              |                          |                        |                              |                      |  |               |
| 1A                  | 20 SEP       | 24.15'             | 25.77'              | 23.6                      | WH           | 10                       | 1                      | 64                           | crs bk, br S, P      | 1408820  |               |
| 2A                  | 20 SEP       | 24.77'             | 25.68'              | 27.0                      | WH           | 10                       | 1                      | 64                           | crs bk, br S, P      | 1408820  |               |
| 3A                  | 20 SEP       | 23.27'             | 25.70'              | 30.0                      | WH           | 10                       | 1                      | 64                           | crs bk, br S, Sh, P  | 1408820  |               |
| 4A                  | 20 SEP       | 20.25'             | 25.83'              | 33.1                      | WH           | 10                       | 1                      | 64                           | fne br S             | 1408820  |               |
| 5A                  | 20 SEP       | 21.28'             | 25.91'              | 29.0                      | WH           | 10                       | 1                      | 64                           | P                    | 1408820  |               |
| 6A                  | 20 SEP       | 20.79'             | 25.91'              | 21.2                      | WH           | 10                       | 1                      | 64                           | crs S, P             | 1408820  |               |
| 7A                  | 20 SEP       | 20.57'             | 24.86'              | MISS                      | WH           | 10                       | 1                      | 64                           | big rock             | 1408820  |               |
| 8A                  | 20 SEP       | 21.66'             | 24.83'              | 45.0                      | WH           | 10                       | 1                      | 64                           | P                    | 1408820  |               |
| 9A                  | 20 SEP       | 22.78'             | 24.88'              | 40.0                      | WH           | 10                       | 1                      | 64                           | crs br S, Sh, Gr     | 1408820  |               |
| 10A                 | 20 SEP       | 23.30'             | 24.80'              | 25.8                      | WH           | 10                       | 1                      | 64                           | fne gy S, sh         | 1408820  |               |
| 1E                  | 11 OCT       | 15.77'             | 15.00'              | 51.8                      | WH           | 10                       | 3                      | 64                           | crs br S             | 1408845  |               |
| 2E                  | 11 OCT       | 16.25'             | 15.30'              | 29.0                      | WH           | 10                       | 3                      | 64                           | med br S             | 1408845  |               |
| 14E                 | 11 OCT       | 15.38'             | 13.75'              | 56.8                      | WH           | 10                       | 3                      | 64                           | med br S - bk specks | 1408845  |               |
| 20E                 | 11 OCT       | 14.73'             | 12.52'              | 41.8                      | WH           | 10                       | 3                      | 64                           | med br S - bk specks | 1408845  |               |
| 21E                 | 11 OCT       | 13.93'             | 12.77'              | 61.8                      | WH           | 10                       | 3                      | 64                           | crs gy S - bk specks | 1408845  |               |
| 28E                 | 11 OCT       | 14.40'             | 13.89'              | 61.0                      | WH           | 10                       | 3                      | 64                           | med gy S - bk specks | 1408845  |               |
| 35E                 | 11 OCT       | 15.04'             | 14.94'              | 62.0                      | WH           | 10                       | 3                      | 64                           | crs gy S - bk specks | 1408845  |               |

Use more than one line per sample if necessary.

USCOMM-DC 6220-P62

