

# FFS 1988-1992

## G.H. BALAZS

ADULT FEMALE GREEN TURTLES HANDLED AT FRENCH FRIGATE  
SHOALS DURING THE 1988 NESTING SEASON. (Oct. 89 version)  
compiled by G.H. Balazs, B.K. Choy and M. Yong

| PNT#        | NEW TAGS <sup>a</sup>      | OLD TAGS               | ISLAND <sup>b</sup> | <sup>c</sup> FST-LST 88'<br>DATES SEEN | CCL<br>CM | COMMENTS <sup>e</sup> |
|-------------|----------------------------|------------------------|---------------------|--|-----------|-----------------------|
| -----       |                            |                        |                     |  |           |                       |
| EAST ISLAND |                            |                        |                     |  |           |                       |
| 1/96        | 10103                      | 4264,4265              | EAST                | 5/15-7/07<br>(53)                      |           | TMR, (1)              |
| 2           |                            | 6128,6143<br>6144      | EAST                | 5/15-7/11<br>(57)                      | 93.5      | 36,10,11<br>(4)       |
| 3           | 10027,10028                |                        | EAST                | 5/15-7/21<br>(67)                      | 100.5     | 16,11,<br>39(4)       |
| 4/93        |                            | 9315,9316              | EAST                | 5/15-8/06<br>(83)                      | 97.0      | 12,13,<br>28,14(5)    |
| 5           | 10030,10035<br>10172,10173 |                        | EAST                | 5/16-7/27<br>(72)                      | 103.5     | TMR,42,<br>14(3)      |
| 6           |                            | 9285                   | EAST                | 5/16-6/23<br>(38)                      | 94.5      | 17(2)                 |
| 7/110       |                            | 3239,3384              | EAST                | 5/16-7/10<br>(55)                      | 95.0      | 30,13,<br>12(4)       |
| 8           | 10044,10529<br>10530       |                        | <u>E/T</u>          | 5/16-7/30<br>(75)                      | 103.0     | 17,13,<br>28(4)       |
| 9           | 10031,10032                |                        | EAST                | 5/16-7/20<br>(65)                      | 97.0      | 26,38<br>(3)          |
| 10          |                            | 2209,2210<br>3846,5319 | EAST                | 5/16-7/26<br>(72)                      | 98.0      | 24,13,<br>10,11(5)    |
| 11          |                            | 3581,3583              | EAST                | 5/17-6/22<br>(36)                      | 96.0      | 36(2)                 |

GPP-8501-277  
 G.H. PALATZ

|               |                   |                   |              |                   |       |                              |
|---------------|-------------------|-------------------|--------------|-------------------|-------|------------------------------|
| 12            | 10033,10034       |                   | EAST         | 5/17-7/05<br>(49) | 99.5  | 25,24<br>(3)                 |
| 13/y14        | 10342,10043       |                   | <u>E/W-S</u> | 5/18-8/06<br>(80) | 97.0  | w17y14<br>y29y(4)            |
| 14            | 10036,10037       |                   | EAST         | 5/18-8/01<br>(75) | 98.5  | 13,12,<br>14,11,<br>12,11(7) |
| 15            |                   | 3374,3375         | EAST         | 5/18-7/22<br>(65) | 95.5  | 40,25<br>(3)                 |
| 16            | 10074             | 9711              | EAST         | 5/18-7/14<br>(57) | 104.5 | 16,14,<br>13,13(5)           |
| 17            | 10038,10042       |                   | EAST         | 5/19-7/31<br>(73) | 105.5 | 21,38<br>(3)                 |
| 18/112        | 10039             | 6068,6069<br>6070 | EAST         | 5/19-6/27<br>(39) | 100.5 | (1)                          |
| 19            |                   | 6081,6088<br>6104 | EAST         | 5/19-7/19<br>(61) | 94.5  | 13,34,<br>13(4)              |
| 20/155        | 10040,10041       |                   | EAST         | 5/20-7/24<br>(65) | 102.0 | (1)                          |
| <del>21</del> | PN# ONLY NO RE-ID |                   | EAST         | 5/20-5/24<br>(4)  |       | (0)                          |
| 22            | 10077             | 5370              | EAST         | 5/21-7/25<br>(65) | 89.5  | 12,39,<br>12(4)              |
| <del>23</del> | PN# ONLY NO RE-ID |                   | EAST         | 5/21-6/8<br>(18)  | 96.5  | (1)                          |
| <del>24</del> | PN# ONLY NO RE-ID |                   | EAST         | 5/21-5/24<br>(3)  |       | (1)                          |
| 25            |                   | 9277,9342         | EAST         | 5/22-6/30<br>(39) | 94.5  | 13(2)                        |

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|       |                   |                          |              |                   |       |                             |
|-------|-------------------|--------------------------|--------------|-------------------|-------|-----------------------------|
| 26    | PN# ONLY NO RE-ID |                          | EAST         | 5/22-6/5<br>(14)  |       | (1)                         |
| 27/82 |                   | 6675, 9778               | EAST         | 5/23-7/15<br>(53) | 96.5  | TMR, 10,<br>2(3)            |
| 28    |                   | 3140, 3141<br>5214, 5230 | EAST         | 5/23-7/23<br>(61) | 96.5  | 30, 15<br>(3)               |
| 29    | 10129             | 2246, 3634<br>3645       | EAST         | 5/23-7/04<br>(42) | 100.5 | 30, 12<br>(3)               |
| 30    |                   | 2263, 9334               | EAST         | 5/23-7/27<br>(65) | 102.0 | 14, 13,<br>13, 12(5)        |
| 31    | 9812, 9813        |                          | <u>E/W-S</u> | 5/23-6/11<br>(19) | 101.0 | y(1)                        |
| 32    | 10226             | 3791, 5333<br>5324       | EAST         | 5/24-7/25<br>(62) | 95.5  | 12, 13,<br>12, 12,<br>13(6) |
| 33    | 10046             | 3379                     | EAST         | 5/24-8/12<br>(80) | 96.0  | 12, 30,<br>12(4)            |
| 34    |                   | 7168, 7169               | EAST         | 5/24-7/27<br>(64) | 95.5  | 25, 12,<br>13(4)            |
| 35    |                   | 3254, 3255               | EAST         | 5/24-7/14<br>(51) | 101.5 | 25, 12<br>(3)               |
| 36    | 10126             |                          | EAST         | 5/24-7/16<br>(53) | 94.0  | 13, 12,<br>13(4)            |
| 37    |                   | 6055, 6092<br>6093       | EAST         | 5/24-7/21<br>(58) | 101.5 | 11, 12,<br>11, 11,<br>12(6) |

|               |                      |                   |      |                   |       |                     |
|---------------|----------------------|-------------------|------|-------------------|-------|---------------------|
| 38            | 10144                | 2234,6123         | EAST | 5/25-7/28<br>(64) | 100.5 | TMR,12,<br>12,13(4) |
| 39            |                      | 7184,7202         | EAST | 5/25-8/04<br>(71) | 101.0 | 19,28,<br>13,11(5)  |
| 40/79         |                      | 3594,6141<br>6206 | EAST | 5/26-8/10<br>(76) | 106.5 | 25,25,<br>13(4)     |
| 41/87         |                      | 9272,9290         | EAST | 5/26-8/12<br>(78) | 78.0  | 14,13,<br>25(4)     |
| 42            | 10505,10549          | 4281,4270         | EAST | 5/26-8/15<br>(81) | 105.5 | 13,26,<br>12,13(5)  |
| 43            | 10093                | 5204              | EAST | 5/27-7/10<br>(44) | 100.5 | (1)                 |
| <del>44</del> | PN# ONLY NO RE-ID    |                   | EAST | 5/27              | 94.0  | (0)                 |
| 45            | 10055,10056<br>10094 |                   | EAST | 5/28-7/09<br>(42) | 98.0  | 13(2)               |
| <del>46</del> | PN# ONLY NO RE-ID    |                   | EAST | 5/28              |       | (1)                 |
| 47            | 10095                | 3590,8244         | EAST | 5/28-7/29<br>(62) | 106.5 | 14,11,<br>23,14(5)  |
| 48            |                      | 8180,8181<br>8182 | EAST | 5/28-8/1<br>(65)  | 94.0  | 15,12,<br>38(4)     |
| 49            | 10179,10180          | 4280              | EAST | 5/28-7/04<br>(37) | 95.5  | 13,12,<br>12(4)     |
| 50            | 10154,10061          |                   | EAST | 5/29-8/08<br>(71) | 95.5  | 28,27<br>(3)        |
| 51            |                      | 2257,3584<br>6121 | EAST | 5/29-7/26<br>(58) | 104.0 | 11,11,<br>12,12(5)  |

|        |                      |           |      |                   |       |                 |
|--------|----------------------|-----------|------|-------------------|-------|-----------------|
| 52/103 |                      | 8176,8177 | EAST | 5/29-8/01<br>(64) | 100.5 | 13,11,<br>25(4) |
| 53     | 10112,10159<br>10160 |           | EAST | 5/30-7/22<br>(53) | 96.5  | 14,13,<br>26(4) |
| 54/104 | 10166,10211<br>10212 |           | EAST | 5/30-8/15<br>(77) | 94.0  | 13,24,<br>13(4) |
| 55/117 | 10168,10184<br>10511 |           | EAST | 5/31-7/28<br>(58) | 98.0  | 15,13,<br>24(4) |
| 56/106 | 10066                | 9343,8238 | EAST | 5/31-8/12<br>(73) | 98.5  | 24,26<br>(3)    |
| 57     | 10067,10200          |           | EAST | 5/31-7/26<br>(56) | 94.5  | 29,14,<br>13(4) |
| 58     | 10068,10516          |           | EAST | 5/31-8/06<br>(67) | 92.5  | 14,27,<br>13(4) |
| 59     | PN# ONLY NO RE-ID    |           | EAST | 5/31-6/1<br>(1)   |       | (0)             |
| 60/100 | 10158                | 2743,6184 | EAST | 6/01-7/22<br>(51) | 101.0 | 12,13<br>(3)    |
| 61     | PN# ONLY NO RE-ID    |           | EAST | 6/3               |       | (1)             |
| 62/154 | 10124                | 9324,9322 | EAST | 6/02-8/14<br>(73) | 98.5  | 13,23,<br>13(4) |
| 63     | 10250                | 8250,9252 | EAST | 6/02-8/13<br>(72) | 96.5  | 24,36,<br>17(4) |
| 64     | 10127,10128          |           | EAST | 6/03-7/20<br>(47) | 94.5  | 18,29<br>(3)    |
| 65     |                      | 3151,3158 | EAST | 6/03-7/21         | 99.5  | 13,11,          |

|        |                   | 6163                   |      | (48)              | 13,11(5)                        |
|--------|-------------------|------------------------|------|-------------------|---------------------------------|
| 66     | 10072,10238       |                        | EAST | 6/03-8/13<br>(71) | 98.0 16,12,<br>13(4)            |
| 67     | PN# ONLY NO RE-ID |                        | EAST | 6/04-6/16<br>(12) | (0)                             |
| 68     |                   | 8240,9296              | EAST | 6/04-7/26<br>(52) | 90.0 12,12,<br>11(4)            |
| 69     | 10075,10076       |                        | EAST | 6/04-8/15<br>(72) | 98.0 TMR,13,<br>12,13,<br>22(5) |
| 70/145 | 10078,10155       |                        | EAST | 6/05-7/21<br>(46) | 101.0 20,26<br>(3)              |
| 71     | 10175             | 2805                   | EAST | 6/05-8/14<br>(70) | 98.0 11,12,<br>12,11,<br>13(6)  |
| 72     |                   | 5096,5182<br>6926,6927 | EAST | 6/05-7/26<br>(51) | 97.0 13,12,<br>13,13(5)         |
| 73     |                   | 3587,3597              | EAST | 6/05-8/05<br>(61) | 99.0 12,11,<br>15,11,<br>12(6)  |
| 74     | 10080,10081       |                        | EAST | 6/05-6/30<br>(25) | 99.5 13,12<br>(3)               |
| 75     | PN# ONLY NO RE-ID |                        | EAST | 6/06              | (1)                             |
| 76     | 10082             | 9258                   | EAST | 6/06-8/21<br>(76) | 104.0 12,26,<br>24,13(5)        |
| 77     |                   | 9325,9326              | EAST | 6/06-8/22<br>(77) | 98.5 12,25,<br>12,28(5)         |

|       |             |                   |              |                   |       |                    |
|-------|-------------|-------------------|--------------|-------------------|-------|--------------------|
| 78    | 10083,10084 |                   | EAST         | 6/07-8/19<br>(73) | 106.5 | 13,12,<br>11,25(5) |
| 80    |             | 2251,6115<br>6116 | EAST         | 6/07-8/04<br>(58) | 102.0 | 11,12,<br>23(4)    |
| 81    | 10085,10210 |                   | EAST         | 6/07-8/03<br>(57) | 96.0  | 14,17,<br>13,13(5) |
| 83    | 10089,10090 |                   | EAST         | 6/08-7/16<br>(38) | 98.5  | 12,12,<br>13(4)    |
| 84    | 10087,10088 |                   | EAST         | 6/07-7/21<br>(44) | 91.5  | 22,22<br>(3)       |
| 85    |             | 6107,6113         | EAST         | 6/08-7/09<br>(31) | 100.5 | 15,13<br>(3)       |
| 86    |             | 3201,3202         | EAST         | 6/09-8/01<br>(53) | 100.0 | 11,16<br>(3)       |
| 88/y8 |             | 3721,5285         | <u>E/W-S</u> | 6/03-7/26<br>(53) | 105.5 | 12(2)              |
| 89    | 10092,10567 |                   | EAST         | 6/09-8/06<br>(58) | 95.5  | 24,13,<br>11(4)    |
| 90    | 10538,10539 |                   | EAST         | 6/10-8/13<br>(64) | 99.0  | 11,14,<br>13(4)    |
| 91    | 10104,10548 | 3550              | EAST         | 6/10-8/02<br>(53) | 105.5 | 13,8,<br>18(4)     |
| 92    | 10100       | 3351              | EAST         | 6/10-7/26<br>(46) | 98.0  | 16,29<br>(3)       |
| 94    | 10096,10097 |                   | EAST         | 6/11-7/29<br>(48) | 104.0 | 25,12<br>(3)       |

|                |                   |                   |      |                   |       |                         |
|----------------|-------------------|-------------------|------|-------------------|-------|-------------------------|
| 95             | 10208,10209       | 9389,9390         | EAST | 6/10-8/17<br>(68) | 98.0  | 14,13<br>12,14<br>14(6) |
| 97             | 10201,10504       |                   | EAST | 6/11-8/05<br>(55) |       | (0)                     |
| 98             | 10116             |                   | EAST | 6/11-8/14<br>(64) | 98.0  | 16,14,<br>15(4)         |
| 99             |                   | 6046,6047<br>6142 | EAST | 6/11-7/15<br>(34) | 92.5  | 11,10,<br>12(4)         |
| 101            | 10114,10115       |                   | EAST | 6/12-8/15<br>(64) | 91.5  | 34(2)                   |
| 102/148        |                   | 6354,6355         | EAST | 6/12-7/23<br>(41) | 99.0  | TMR,(1)                 |
| 105            | 10110,10174       |                   | EAST | 6/12-8/10<br>(59) | 94.0  | 16,28,<br>15(3)         |
| 107            | 10139             | 3610,3624         | EAST | 6/13-7/21<br>(38) | 99.5  | 12,13,<br>13(4)         |
| 108            | 10113             |                   | EAST | 6/13-7/14<br>(31) |       | (0)                     |
| <del>109</del> | PN# ONLY NO RE-ID |                   | EAST | 6/13-6/20<br>(7)  |       | (1)                     |
| 111            | 10526             | 9349,9350         | EAST | 6/13-7/29<br>(46) | 95.0  | TMR,26<br>(2)           |
| 113            |                   | 8237,9255         | EAST | 6/13-8/19<br>(67) | 100.5 | 12,16,<br>25,12(5)      |
| <del>114</del> | PN# ONLY NO RE-ID |                   | EAST | 6/14              |       | (0)                     |

|                |                      |                   |              |                   |       |                          |
|----------------|----------------------|-------------------|--------------|-------------------|-------|--------------------------|
| 116            | 10118,10119          |                   | EAST         | 6/14-8/18<br>(65) | 93.5  | 14,26,<br>25(4)          |
| 118/<br>122    | 10123,10125          |                   | EAST         | 6/14-8/22<br>(69) | 101.5 | 1,15,<br>12,14,<br>14(6) |
| 119            |                      | 8200,8151         | EAST         | 6/15-8/14<br>(60) | 94.5  | (1)                      |
| 120            | 10122,10196<br>10232 |                   | EAST         | 6/15-7/27<br>(41) | 100.5 | 15,13,<br>14(4)          |
| 121/<br>123    |                      | 9283,9284         | EAST         | 6/15-7/24<br>(39) | 103.5 | 11,14,<br>12(4)          |
| 124            |                      | 3721,5285         | EAST         | 6/15-8/17<br>(63) | 106.5 | 12(2)                    |
| <del>125</del> | PN# ONLY NO RE-ID    |                   | EAST         | 6/15-6/21<br>(6)  |       | (1)                      |
| 126            | 10195                | 5183              | EAST         | 6/16-8/12<br>(57) | 101.5 | 15(2)                    |
| 127            |                      | 3777,5233         | EAST         | 6/17-8/13<br>(57) | 96.5  | 24,12<br>(3)             |
| 129            |                      | 6094,6099<br>6100 | EAST         | 6/17-8/10<br>(54) | 98.5  | 10,11<br>(3)             |
| 130            | 10149,10524<br>10525 |                   | EAST         | 6/18-7/29<br>(41) | 89.5  | 13,14<br>(3)             |
| 131/<br>y94    | 10131,10132          |                   | <u>E/W-S</u> | 6/18-8/20<br>(63) | 99.0  | w17y15y<br>(3)           |
| 132            | 10145,10146          |                   | EAST         | 6/18-8/09<br>(52) | 101.0 | 27,13,<br>11(4)          |

|             |  |      |                   |       |                    |
|-------------|--|------|-------------------|-------|--------------------|
| 133         | 6051,6089,<br>6090                         | EAST | 6/18-8/19<br>(62) | 104.0 | 25,11<br>14(4)     |
| 134         | 10501,10502                                | EAST | 6/18-8/18<br>(61) | 95.0  | 16,15,<br>14,15(5) |
| 135         | 9262,9263                                  | EAST | 6/18-7/15<br>(27) | 94.0  | 13,14<br>(3)       |
| 136         | PN# ONLY NO RE-ID                          | EAST | 6/19-7/10<br>(21) |       | 12<br>(2)          |
| 137         | 10535,10536                                | EAST | 6/20-8/20<br>(61) | 103.0 | 12,15<br>(3)       |
| 138         | PN# ONLY NO RE-ID                          | EAST | 6/20              | 94.0  | (1)                |
| 139         | 10133,10134                                | EAST | 6/22-8/11<br>(50) | 98.0  | 13,15<br>(3)       |
| 140         | 10135,10136<br>10215,10216                 | EAST | 6/23-8/05<br>(43) | 97.0  | 16,27<br>(3)       |
| 141/<br>195 | 10546,10547                                | EAST | 6/24-8/12<br>(49) | 100.5 | 12(2)              |
| 142         | 10151,10152<br>10153                       | EAST | 6/25-8/21<br>(57) | 95.5  | 16,13,<br>13(4)    |
| 143         | 5322,5394                                  | EAST | 6/25-8/03<br>(39) | 100.5 | 26,13<br>(3)       |
| 144         | PN# ONLY NO RE-ID<br>(TRACES OF OLD PAINT) | EAST | 6/25-6/26<br>(1)  |       | (0)                |
| 146         | 10156,10157                                | EAST | 6/26-8/25<br>(60) | 101.0 | 16,13,<br>14(4)    |

|                |  |            |      |                   |       |                      |
|----------------|--|------------|------|-------------------|-------|----------------------|
| 147            | 10191                                      | 8239       | EAST | 6/26-8/09<br>(44) | 101.0 | TMR, 13,<br>25(3)    |
| 149            | 10161, 10171                               |            | EAST | 6/27-8/22<br>(56) | 104.5 | 14, 14,<br>12, 15(5) |
| 150            | 10163, 10164                               |            | EAST | 6/27-8/24<br>(58) | 90.5  | 16, 28<br>(3)        |
| 151            | 10192, 10193                               |            | EAST | 6/27-8/12<br>(46) | 101.5 | 14(2)                |
| 152            | 10167, 10213<br>10214                      |            | EAST | 6/27-8/04<br>(38) | 94.5  | 12, 13,<br>13(4)     |
| <del>153</del> | PN# ONLY NO RE-ID<br>(TRACES OF OLD PAINT) |            | EAST | 6/27-6/30         |       | (0)                  |
| 156            | 10170                                      | 5211, 3921 | EAST | 6/28-7/23<br>(25) | 97.0  | 12, 12<br>(3)        |
| 157            | 10233, 10234                               |            | EAST | 6/28-8/09<br>(42) | 95.5  | 15, 14,<br>13(4)     |
| 158            | 10199                                      | 8243       | EAST | 6/29-7/25<br>(26) | 97.0  | TMR, 13<br>(2)       |
| 159            | 10197, 10198                               |            | EAST | 6/29-7/28<br>(29) | 94.0  | 15, 14<br>(3)        |
| 160            | 10194, 10225                               |            | EAST | 7/01-8/04<br>(34) | 96.5  | 11(2)                |
| 161            | 10188                                      |            | EAST | 7/01-8/11<br>(41) | 93.5  | 40(2)                |
| 162            | 10182, 10183                               |            | EAST | 7/01-7/31         | 99.0  | 13(2)                |

|             |                      |              |                           |       |                 |
|-------------|----------------------|--------------|---------------------------|-------|-----------------|
| 163         | 10187,10189          | EAST         | (30)<br>7/02-8/12<br>(41) | 94.5  | 13(2)           |
| 164         | PN# ONLY NO RE-ID    | EAST         | 7/02                      |       | TMR, (1)        |
| 165         | PN# ONLY NO RE-ID    | EAST         | 7/02                      |       | (0)             |
| 166         | 10185,10186          | EAST         | 7/02-8/13<br>(42)         | 94.5  | 15(2)           |
| 167         | 10202,10203<br>10626 | EAST         | 7/03-8/17<br>(45)         | 97.0  | 15,13,<br>14(4) |
| 168         | 10177                | EAST         | 7/04-8/20<br>(47)         | 96.0  | 26(2)           |
| 169/<br>y92 | 10176,10439          | <u>E/W-S</u> | 7/03-8/17<br>(45)         | 84.0  | w29y(2)         |
| 170         | 10178,10205          | EAST         | 7/04-8/04<br>(31)         | 84.0  | (1)             |
| 171         | 10207,10543          | EAST         | 7/08-8/15<br>(38)         | 98.0  | 12,12,<br>14(4) |
| 173         | 10541,10542          | EAST         | 7/10-8/01<br>(22)         | 99.5  | 22(2)           |
| 174         | PN# ONLY NO RE-ID    | EAST         | 7/10                      |       | (0)             |
| 175         | 10220                | EAST         | 7/11-7/26<br>(15)         |       |                 |
| 176         | PN# ONLY NO RE-ID    | EAST         | 7/11-7/12<br>(1)          |       | (1)             |
| 177         | 10222,10540          | EAST         | 7/11-8/24<br>(44)         | 100.0 | 20,24<br>(3)    |

|                |  |                |                   |       |                  |
|----------------|--|----------------|-------------------|-------|------------------|
| 178            | 10517,10518                                | EAST           | 7/11-8/17<br>(37) | 91.5  | 11,13<br>(3)     |
| 179            | 10224                                      | EAST           | 7/11              |       | (1)              |
| 180            | PN# ONLY NO RE-ID                          | EAST           | 7/12-7/25<br>(13) |       | (0)              |
| 181            | 10223,10229                                | EAST           | 7/13-8/19<br>(37) | 94.5  | 12,13<br>(3)     |
| 182            | 10572,10573                                | EAST           | 7/12-8/21<br>(40) | 98.5  | 12(2)            |
| 183            | 10239,10240                                | EAST           | 7/12-8/14<br>(33) | 103.5 | 27(2)            |
| 184            | 10220,10227                                | EAST           | 7/13              | 95.0  | (1)              |
| 185            | 10230,10231                                | <u>E/W-S/T</u> | 7/13-8/13<br>(31) | 95.5  | (1)              |
| <del>186</del> | PN# ONLY NO RE-ID<br>(TRACES OF OLD PAINT) | EAST           | 7/13              |       | (1)              |
| <del>187</del> | PN# ONLY NO RE-ID                          | EAST           | 7/16-8/1<br>(16)  |       | (1)              |
| 188            | 10533,10534                                | EAST           | 7/17-8/11<br>(25) |       | TMR,13,<br>12(3) |
| 189            | 10236,10237                                | EAST           | 7/17-8/24<br>(38) | 103.5 | 12(2)            |
| 190            | 10544,10545                                | EAST           | 7/18-8/15<br>(28) | 96.0  | TMR,28<br>(2)    |
| 191            | 10244,10245                                | EAST           | 7/19-8/04<br>(16) | 91.5  | 16(2)            |

|     |                   |           |              |                   |       |              |
|-----|-------------------|-----------|--------------|-------------------|-------|--------------|
| 192 | 10246,10514       |           | EAST         | 7/19-8/10<br>(22) | 101.5 | TMR<br>(0)   |
| 193 | 10247,10248       |           | EAST         | 7/20-8/15<br>(26) | 100.5 | (1)          |
| 194 | 10507,10515       |           | EAST         | 7/21-8/17<br>(27) | 99.5  | 14(2)        |
| 196 | 10512             |           | EAST         | 7/22-7/23<br>(1)  | 92.5  | (1)          |
| 197 | PN# ONLY NO RE-ID |           | EAST         | 7/25              |       | (1)          |
| 198 | 10520,10521       |           | <u>E/W-S</u> | 7/26-8/10<br>(15) | 92.0  | (1)          |
| 200 |                   | 9289,9312 | EAST         | 7/28-8/22<br>(25) | 101.0 | 14,11<br>(3) |
| 201 | 10523             | 6356,6357 | EAST         | 7/29-8/22<br>(24) | 94.0  | 12,22<br>(3) |
| 202 |                   | 3228,5409 | EAST         | 7/29-8/20<br>(22) | 100.0 | 11(2)        |
| 203 | 10531,10532       |           | EAST         | 7/30-8/23<br>(24) | 95.5  | (1)          |
| 204 | 10537             |           | EAST         | 7/31              |       |              |
| 205 | 10550             |           | EAST         | 8/02              |       |              |
| 206 | 10627             |           | EAST         | 8/02-8/18<br>(16) |       | 14(2)        |
| 207 | 10561,10562       |           | EAST         | 8/04-8/18<br>(14) | 96.5  | 14(2)        |

|                |                   |  |      |                   |       |       |
|----------------|-------------------|--|------|-------------------|-------|-------|
| 208            | 10564, 10566      |  | EAST | 8/05-8/18<br>(13) | 101.5 | (1)   |
| 209            | 10570, 10571      |  | EAST | 8/06-8/21<br>(15) | 96.0  | 14(2) |
| 210            | 10568, 10569      |  | EAST | 8/06-8/21<br>(15) | 100.0 |       |
| 211            | 10574             |  | EAST | 8/08-8/23<br>(15) |       | (1)   |
| <del>212</del> | PN# ONLY NO RE-ID |  | EAST | 8/15-8/16<br>(1)  |       | (1)   |
| 214            | 10628, 10629      |  | EAST | 8/17-8/22<br>(5)  | 94.0  | (1)   |

215 10630 EAST 8/21-8/22 95.5 (1)

-----  
WHALE-SKATE

|                |              |      |     |                   |       |                      |
|----------------|--------------|------|-----|-------------------|-------|----------------------|
| yA/<br>y62/y67 | 10338, 10343 |      | W-S | 5/26-6/20<br>(25) | 102.0 | 12(2)                |
| yB             | 9802, 9803   |      | W-S | 5/25-7/21<br>(57) | 95.5  | 13, 10,<br>23, 11(5) |
| yC             | 9808, 9809   |      | W-S | 5/26-6/23<br>(28) | 99.0  | 14(2)                |
| yD/<br>y58     | 9816, 9817   | 8105 | W-S | 5/27-7/01<br>(35) | 102.0 | 11(2)                |
| yE/<br>y63/y66 | 9806, 9807   |      | W-S | 5/27-7/24<br>(58) | 95.5  | 13, 16<br>(3)        |
| yF             | 9804, 9805   |      | W-S | 5/27-8/01<br>(66) | 95.5  | 54, 12<br>(3)        |

1.1 clutches  
per turtle  
165

(43%)  
71 REC.

8 (4.8%)  
STRAY (5% EGG'S ELSEWHERE)

(7.3%)  
12 TMR

508  
EGG CLUTCH

|       |             |           |              |                   |       |                        |
|-------|-------------|-----------|--------------|-------------------|-------|------------------------|
| yG    | 9814,9815   |           | W-S          | 5/27-7/30<br>(64) | 96.0  | TMR, (1)               |
| yH    | 9818,9823   |           | W-S          | 5/27-7/31<br>(65) | 98.5  | 12,3,<br>11,23<br>(5)  |
| yI    | 9810,9811   |           | W-S          | 5/27-7/17<br>(51) | 103.0 | 12,13<br>(3)           |
| yJ/b0 |             | 6373,6374 | <u>W-S/T</u> | 5/27-8/7<br>(72)  | 104.0 | TMR,14,<br>41,14(4)b   |
| yK    |             | 3815,5207 | W-S          | 5/28-8/19<br>(83) | 98.0  | 12,28,<br>12,31(5)     |
| yL    | 9822,10474  |           | W-S          | 5/29-6/30<br>(32) | 89.0  | 14(2)                  |
| yM    | 10456,10457 |           | W-S          | 5/28-8/11<br>(75) | 98.0  | 12,12,<br>23,24<br>(5) |
| yN    | 10280       | 9752      | W-S          | 5/28-7/31<br>(64) | 103.0 | 13,12,<br>13,12(5)     |
| yO    | 9820,9821   |           | W-S          | 5/29-8/02<br>(65) | 96.5  | 26,26,<br>13(4)        |
| yP    | 10276,10277 |           | W-S          | 5/29-7/22<br>(54) | 101.5 | 23,26<br>(3)           |
| yQ    | 10281,10282 |           | W-S          | 5/29-8/12<br>(75) | 95.5  | 13,37,<br>23(4)        |
| yR    | 9824,9825   |           | W-S          | 5/30-7/19<br>(50) | 94.0  | 24,26<br>(3)           |
| yS    | 10307,10311 |           | W-S          | 5/30-7/8          | 89.0  | 11(2)                  |

|    |                      |                   |              |                           |       |                       |
|----|----------------------|-------------------|--------------|---------------------------|-------|-----------------------|
| yT | 10278,10279          |                   | W-S          | (39)<br>5/30-7/30<br>(61) | 97.0  | 12,13<br>36(4)        |
| yU |                      | 5443,5444<br>5445 | W-S          | 5/30-7/29<br>(60)         | 92.5  | 13,47<br>(3)          |
| yV | 10302,10303<br>10366 |                   | <u>W-S/T</u> | 5/30-7/29<br>(60)         | 101.0 | y11y36b<br>(3)        |
| yW | 10283,10284          |                   | W-S          | 5/31-8/05<br>(66)         | 99.5  | 12,28,<br>12,14(5)    |
| yX | 10285,10286          |                   | W-S          | 6/01-8/18<br>(78)         | 98.5  | 53(2)                 |
| yY | 10287                |                   | W-S          | 6/01-6/07<br>(6)          |       | (1)                   |
| yZ | 10296,10297          |                   | W-S          | 6/01-8/01<br>(62)         | 98.0  | 23(2)                 |
| y1 |                      | 3828,3831<br>5429 | W-S          | 6/01-7/21<br>(50)         | 96.5  | 37,13<br>(3)          |
| y2 | 10378,10475<br>10476 |                   | W-S          | 6/02-8/07<br>(66)         | 97.0  | 13,13,<br>11,15,13(6) |
| y3 |                      | 3187,5156         | W-S          | 6/01-7/29<br>(58)         | 101.5 |                       |
| y4 | 10288,10289          |                   | W-S          | 6/02-7/30<br>(58)         | 91.5  | 22,36<br>(3)          |
| y5 | 10290,10467          | 7889              | W-S          | 6/02-7/30<br>(58)         | 96.0  | 12,45<br>(3)          |
| y6 | 10293,10294          |                   | W-S          | 6/02-6/16<br>(14)         | 82.5  | TMR, (1)              |

|                |                      |           |                   |                   |       |                 |
|----------------|----------------------|-----------|-------------------|-------------------|-------|-----------------|
| y7             | 10291,10292          |           | W-S               | 6/03-8/02<br>(60) | 96.5  | 36,12<br>(3)    |
| y8/88          |                      | 3721,5285 | <u>W-S/E/WS/E</u> | 6/03-7/26<br>(53) | 104.0 | (0)             |
| <del>y9</del>  | PN# ONLY NO RE-ID    |           | W-S               | 6/03-6/11<br>(8)  | 90.0  | (1)             |
| <del>y10</del> | PN# ONLY NO RE-ID    |           | W-S               | 6/03-6/13<br>(10) | 98.0  | (1)             |
| y11            | 10295,10468<br>10469 |           | W-S               | 6/03-8/13<br>(71) | 98.0  | 23,11,<br>14(4) |
| y12            | 10300,10326          |           | W-S               | 6/04-7/27<br>(53) | 100.0 | 15,11,<br>27(4) |
| y13            | 10298,10299          |           | W-S               | 6/04-8/20<br>(77) | 98.0  | 44,30<br>(3)    |
| y15/<br>56     | 10327,10328<br>10329 |           | W-S               | 6/05-8/10<br>(66) | 97.5  | 13,40,<br>13(4) |
| y16            | 10333,10341          |           | W-S               | 6/05-8/08<br>(64) | 92.5  | 12,36,<br>13(4) |
| y17/<br>199    | 10330,10335          |           | <u>W-S/E/T</u>    | 6/05-8/24<br>(80) | 92.5  | 13,22<br>(3)y   |
| y18            | 10331,10332          | 3017      | W-S               | 6/06-8/10<br>(65) | 103.0 | 40,11,<br>14(4) |
| y19            | 10346                | 7956      | W-S               | 6/06-7/17<br>(41) | 105.5 | (1)             |
| <del>y20</del> | PN# ONLY NO RE-ID    |           | W-S               | 6/07              |       | (0)             |
| y21            | 10336,10337          |           | W-S               | 6/07-8/17<br>(71) | 97.5  | 52,14<br>(3)    |

|             |                            |           |                 |                   |       |                     |
|-------------|----------------------------|-----------|-----------------|-------------------|-------|---------------------|
| y22         | 10334,10449                |           | W-S             | 6/07-8/13<br>(67) | 101.5 | 64(2)               |
| y23         | 10339,10340                |           | W-S             | 6/07-8/19<br>(73) | 96.0  | 73(2)               |
| y24         | 10344,10345                |           | W-S             | 6/07-8/19<br>(73) | 89.0  | 14,17<br>(3)        |
| y25         | 10349                      | 5473      | <u>W-S/T/WS</u> | 6/08-8/19<br>(72) | 97.0  | 13(2)               |
| y26         | 10347,10348                |           | W-S             | 6/08-8/13<br>(66) | 93.5  | 15,8,<br>11(4)      |
| y27         | 10324,10325                |           | W-S             | 6/09-8/16<br>(68) | 96.5  | 14,15,<br>14,15(5)  |
| y28         | 10322,10323<br>10409,10410 |           | W-S             | 6/09-8/10<br>(62) | 91.0  | 14,16,<br>32(4)     |
| y29         | 10321,10350                |           | W-S             | 6/09-8/13<br>(65) | 92.5  | TMR,13,<br>16,12(4) |
| y30         | 10319,10320                |           | W-S             | 6/10-8/07<br>(58) | 102.0 | 12,34,<br>12(4)     |
| y31         | 10316,10317                |           | W-S             | 6/11-8/19<br>(69) | 81.0  | 13,14,<br>26(4)     |
| y32         | 10313,10315                |           | W-S             | 6/11-7/26<br>(45) | 80.0  | (1)                 |
| y33         |                            | 6264,6270 | W-S             | 6/11-8/10<br>(60) | 77.0  | 37,12<br>(3)        |
| y34/<br>172 | 9812,9813                  |           | <u>W-S/E</u>    | 6/11-8/05<br>(55) | 101.0 | 14,12<br>(3)        |

|                |                      |           |     |                   |       |                    |
|----------------|----------------------|-----------|-----|-------------------|-------|--------------------|
| y35            | 10301,10318          |           | W-S | 6/11-8/10<br>(60) | 81.0  | 13,23,<br>12,11(5) |
| y36            | 10304,10305          | 3076      | W-S | 6/12-8/15<br>(64) | 106.0 | 27(2)              |
| y37            | 10306                | 3190      | W-S | 6/12-8/20<br>(69) | 94.0  | 8(2)               |
| y38            |                      | 3400,3401 | W-S | 6/12-7/30<br>(48) | 94.0  | 12,35<br>(3)       |
| y39/<br>y95    | 10309,10412<br>10413 |           | W-S | 6/13-8/07<br>(55) | 94.5  | TMR,<br>12(2)      |
| y40            | 10454,10455          |           | W-S | 6/13-8/06<br>(54) | 96.0  | (1)                |
| y41            | 10458,10459          |           | W-S | 6/13-7/09<br>(26) | 87.5  | 26(2)              |
| y42            | 10377                | 7977      | W-S | 6/13-7/26<br>(43) | 94.0  | 31(2)              |
| y43            | 10460,10461          |           | W-S | 6/14-8/20<br>(67) | 98.5  | 42,13<br>(3)       |
| <del>y44</del> | PN// ONLY NO RE-ID   |           | W-S | 6/04              |       | (0)                |
| y45            | 10464,10465          |           | W-S | 6/14-8/15<br>(62) | 99.0  | 45,17<br>(3)       |
| y46            | 10466                | 2722      | W-S | 6/15-8/03<br>(49) | 103.0 | 25,24<br>(3)       |
| y47            | 10470,10471          |           | W-S | 6/15-7/28<br>(43) | 95.5  | 16(2)              |

|                |                      |           |     |                   |       |                    |
|----------------|----------------------|-----------|-----|-------------------|-------|--------------------|
| y48            | 10472,10473          |           | W-S | 6/16-8/08<br>(53) | 92.5  | 26,14<br>(3)       |
| y49            | 10462,10463<br>10479 |           | W-S | 6/16-8/12<br>(57) | 95.5  | 22,23,<br>11(4)    |
| y50            | 10399,10477<br>10482 |           | W-S | 6/16-8/16<br>(61) | 95.0  | 30(2)              |
| y51            |                      | 8101,8110 | W-S | 6/16-8/10<br>(55) | 99.5  | 13,27<br>(3)       |
| y52            | 10478,10481          |           | W-S | 6/17-8/09<br>(53) | 100.5 | 15,24<br>(3)       |
| y53            | 10480,10490<br>10578 |           | W-S | 6/17-8/13<br>(57) | 94.0  | 56(2)              |
| y54            | 10483,10495          |           | W-S | 6/18-8/19<br>(62) | 113.0 | 47(2)              |
| y55            | 10484,10488<br>10489 |           | W-S | 6/18-8/20<br>(63) | 97.5  | (1)                |
| y57            | 10485,10486<br>10487 |           | W-S | 6/18-7/14<br>(26) | 91.5  | 14(2)              |
| y59            | 10493                |           | W-S | 6/19-6/20<br>(1)  |       | (1)                |
| y60            | 10400,10494          |           | W-S | 6/20-8/15<br>(56) | 100.5 | 29,13,<br>14(4)    |
| y61            | 10491,10492          |           | W-S | 6/20-8/20<br>(61) | 96.0  | 12,25,<br>11,13(5) |
| <del>y64</del> | PN# ONLY NO RE-ID    |           | W-S | 6/19              |       | (0)                |
| <del>y65</del> | PN# ONLY NO RE-ID    |           | W-S | 6/19              |       | (0)                |

|                |                        |              |                   |       |                 |
|----------------|------------------------|--------------|-------------------|-------|-----------------|
| <del>y68</del> | PN# ONLY NO RE-ID      | W-S          | 6/22              |       | (0)             |
| y69            | 10496,10497            | W-S          | 6/23-8/17<br>(55) | 95.5  | 14,13,<br>13(4) |
| y70            | 10498,10499            | W-S          | 6/23-8/13<br>(51) | 98.5  | 50(2)           |
| y71            | 10376,10500            | W-S          | 6/25-7/07<br>(12) | 98.0  | (1)             |
| y72            | 10401,10402            | W-S          | 6/25-7/19<br>(24) |       | 11(2)           |
| y73/<br>216    | 10379,10380<br>1004(?) | <u>W-S/E</u> | 6/29-8/25<br>(57) | 98.0  | (1)y            |
| y74            | 10381,10382            | W-S          | 6/30-8/01<br>(32) | 90.0  | 19(2)           |
| y75            | 10384,10577            | W-S          | 6/30-8/13<br>(44) | 105.0 | 17,13,<br>14(4) |
| y76            | 10385,10386            | W-S          | 7/01-8/11<br>(41) | 100.0 | 28,14<br>(3)    |
| y77            | 10387,10388            | W-S          | 7/01-8/07<br>(37) | 98.0  | 37(2)           |
| y78            | 10389,10390            | W-S          | 7/02-8/10<br>(39) | 96.0  | 26,13<br>(3)    |
| y79            | 10442                  | W-S          | 7/07-8/08<br>(32) |       | (1)             |
| y80            | 10406,10436            | W-S          | 7/08-8/13<br>(36) | 96.0  | TMR,<br>11(2)   |

|      |                   |      |              |                   |       |              |
|------|-------------------|------|--------------|-------------------|-------|--------------|
| y81  | 10391,10392       |      | W-S          | 7/09-8/13<br>(35) | 90.0  | 12,23<br>(3) |
| y82  | 10411             | 8141 | W-S          | 7/09-8/12<br>(34) | 90.0  | 14(2)        |
| y83  | 10395,10396       |      | W-S          | 7/14-8/13<br>(30) | 96.0  | 29(2)        |
| y84  | 10397,10398       |      | <u>W-S/T</u> | 7/15-8/24<br>(40) | 102.0 | (1)          |
| y85  | PN# ONLY NO RE-ID |      | W-S          | 7/17              |       | (0)          |
| y87  | 10407             |      | W-S          | 7/19-7/20<br>(1)  |       | (1)          |
| y88  | 10408             |      | W-S          | 7/19-7/20<br>(1)  | 101.5 | (1)          |
| y90  | PN# ONLY NO RE-ID |      | W-S          | 7/21              |       | (0)          |
| y91  | 10404,10405       |      | W-S          | 7/20-8/17<br>(28) | 100.5 | (1)          |
| y93  | PN# ONLY NO RE-ID |      | W-S          | 7/22-7/23<br>(1)  |       | (0)          |
| y96  | PN# ONLY NO RE-ID |      | W-S          | 7/25              |       | (0)          |
| y97  | 10415,10416       |      | W-S          | 7/26-8/20<br>(25) | 98.0  | 12(2)        |
| y98  | 10393,10394       |      | W-S          | 7/11-8/08<br>(28) |       | 28(2)        |
| y99  | 10417,10418       |      | W-S          | 7/26-8/10<br>(15) |       | 14(2)        |
| y100 | 10419             |      | W-S          | 7/26-8/10         |       | TMR,(1)      |

|                 |                      |     |                   | (15)  |               |  |
|-----------------|----------------------|-----|-------------------|-------|---------------|--|
| y101            | 10420,10430          | W-S | 7/27-8/12<br>(16) | 93.5  | TMR,13<br>(2) |  |
| y102            | 10422,10576          | W-S | 7/27-8/13<br>(17) | 92.0  | TMR,17<br>(2) |  |
| y103            | 10421,10445          | W-S | 7/27-8/10<br>(14) |       | 13(2)         |  |
| y104            | 10423,10428          | W-S | 7/27-8/15<br>(19) | 105.0 | 16(2)         |  |
| y106            | 10424,10425          | W-S | 7/28-8/19<br>(22) | 96.0  | TMR,22<br>(2) |  |
| y107            | 10426,10427<br>10448 | W-S | 7/29-8/12<br>(14) |       | (1)           |  |
| y108            | 10579,10580          | W-S | 7/29-8/17<br>(19) |       |               |  |
| y109            | 10431,10432          | W-S | 7/30-8/15<br>(16) | 95.0  | 15(2)         |  |
| y110            | 10433,10434<br>10450 | W-S | 7/31-8/13<br>(13) | 92.5  | 12(2)         |  |
| y111            | 10435,10437          | W-S | 7/31-8/17<br>(17) | 93.5  | (1)           |  |
| y112            | 10407,10408          | W-S | 7/31-8/13<br>(13) | 101.5 | 13(2)         |  |
| <del>y113</del> | PN# ONLY NO RE-ID    | W-S | 8/02-8/07<br>(7)  | 89.0  | (0)           |  |
| y115            | 10403                | W-S | 8/03-8/04         | 96.5  |               |  |

|             |                      |                   |              |                              |                                  |
|-------------|----------------------|-------------------|--------------|------------------------------|----------------------------------|
|             |                      |                   |              | (1)                          |                                  |
| y116        | 10440,10441          |                   | W-S          | 8/05-8/17<br>(12)            | 98.0 (1)                         |
| y117        | 10444                |                   | W-S          | 8/08-8/20<br>(12)            | (1)                              |
| y119        | 10446,10447          |                   | W-S          | 8/11                         | 90.0 (1)                         |
| y121        | 10582,10583          | (16.8%)<br>20 Rec | W-S          | 8/16<br><del>8/16-7/20</del> | (1)                              |
| -----       |                      |                   |              |                              |                                  |
| TERN ISLAND |                      |                   |              |                              |                                  |
| bA/bF       | 6867,6868<br>10256   |                   | TERN         | 5/13-7/02<br>(50)            | 94.5 11,12,<br>14,12(5)          |
| bB          | 6871,6872            |                   | TERN         | 5/14-7/25<br>(72)            | 93.5 TMR,15<br>14,12 (4)         |
| bC/bK       | 10259,10367<br>10266 |                   | TERN         | 5/17-8/04<br>(79)            | 100.5 12,32,<br>15(4)            |
| bD          | 6869,6870            |                   | TERN         | 5/19-7/06<br>(48)            | 98.5 12,24(3)                    |
| bE          | 10263,10264<br>10267 |                   | <u>T/W-S</u> | 5/25-7/23<br>(59)            | 97.0 21(2)                       |
| bG/<br>y86  | 5397,6179            |                   | <u>T/W-S</u> | 5/25-8/09<br>(76)            | 89.5 TMR,13,<br>13,25,11<br>(5)y |
| bH          | 3119,3120            |                   | TERN         | 5/30-8/07<br>(69)            | 93.5 y28b40b<br>(3)              |
| bI          | 9770,9771            |                   | TERN         | 5/30-8/01<br>(63)            | 101.5 23,13,<br>23 (4)           |
| bJ/bs       | 10274,10351          |                   | <u>T/W-S</u> | 6/01-8/10<br>(70)            | 96.5 b13b14y<br>(3)              |

119

(8.4%)  
10TMR

|               |                      |           |              |                   |       |                  |
|---------------|----------------------|-----------|--------------|-------------------|-------|------------------|
| bL            | 10268,10354          |           | TERN         | 6/03-7/29<br>(56) | 102.0 | 56(2)            |
| bM/<br>y120   | 6875,10269           |           | <u>T/W-S</u> | 6/08-8/15<br>(68) | 99.0  | (1)              |
| bN/115        | 10181,10270<br>10271 |           | <u>T/E</u>   | 6/09-8/25<br>(77) | 103.0 | 14,13,<br>13(4)  |
| bP/<br>y118   | 10272,10273          |           | <u>T/W-S</u> | 6/15-8/08<br>(54) | 100.0 | b54y(2)          |
| bQ            | 10361                | 3268      | TERN         | 6/16-7/14<br>(28) |       | 13(2)            |
| bR            |                      | 6041,9355 | TERN         | 6/15-8/24<br>(70) | 106.0 | 15,51<br>(3)     |
| bT            | 10352,10353          |           | TERN         | 6/26-8/20<br>(55) | 97.0  | 15,13,<br>25 (4) |
| bU            | 10357,10358          |           | TERN         | 7/01-8/17<br>(47) |       | (0)              |
| bV/<br>y105   | 10355,10356          |           | <u>T/W-S</u> | 7/01-7/10<br>(9)  | 103.0 | (1)y             |
| bW            | 10359,10360          |           | TERN         | 7/03-8/17<br>(45) | 95.5  | 16,16,<br>12(4)  |
| <del>bX</del> | PN# ONLY NO RE-ID    |           | TERN         | 7/05              |       | (1)              |
| bY/<br>213    | 10374,10575          |           | <u>T/E</u>   | 7/12-8/17<br>(36) | 94.5  | b33w(2)          |
| bZ            | 10362,10365          |           | TERN         | 7/13-8/11<br>(29) | 98.0  | (1)              |

b1/y89/ 10364,10370 T/W-S 7/18-8/29 101.0 TMR, b14y  
y114 (42) 27b (3)

b2 PN# ONLY NO RE-ID TERN 7/23 (1)

b3 10368,10369 (21.7%) TERN 8/05-8/21 99.0 (1) (13%)  
5 Rec. 9 (39.1%) (16) 6 (26.1%) elsewhere 3 TMR

<sup>a</sup>Tags applied in 1988.

<sup>b</sup>E = East Island, T = Tern Island, W-S = Whale Skate Island.

Note: multiple islands are indicated in order of appearance on those islands.

<sup>c</sup>( ) = total number of days between first and last sighting during study period.

<sup>d</sup>CCL = Curved Carapace Length.

<sup>e</sup>TMR = tumor('s) observed, ( ) = total number of clutches observed.

Note: numbers indicate days between subsequent clutches and letters indicate island the clutch was observed on: w = East, y = Whale-Skate, b = Tern. If only numbers are indicated all clutches were on the island indicated in the "Island" column for that turtle.

TOTALS FOR ALL 3 ISLANDS COMBINED

|                  |              |
|------------------|--------------|
| <u>307</u>       |              |
| EAST 165 (53.7%) |              |
| W-S 119 (38.8%)  |              |
| TERN 23 (7.5%)   |              |
| <u>307</u>       | <u>100.0</u> |

|                 |
|-----------------|
| <u>TAG REC.</u> |
| 71              |
| 20              |
| 5               |
| <u>96</u>       |
| (31.3%)         |

|            |
|------------|
| <u>TMR</u> |
| 12         |
| 10         |
| 3          |
| <u>25</u>  |
| (8.1%)     |

Total for East & Tern

Clutches - 508 + 63 = 571

Turtles - 165 + 23 = 188

3.0 clutches/Turtle

1.7 clutches per turtle

63 clutches

Rec Records

Richard & Lynn Rasmussen

TAG 10,524 ring tagged 6/18/88  
N-♀ EAST (FFS)

5/18/89 PTEA, Maui in lobster net  
dead - 0.5 cm TMS on eye  
1.5 cm on shoulders

Given  
TO  
SHAWN  
11/16/92

~~6/6/89 S 41.1 x 35.4 released at  
Twin Reef  
Y 322 C 50.0 x 42.0  
Y 323 PL 36.9  
engraved Tail 8.0 5.4  
RFT 7.7  
Head 7.1  
ring, entangled from Makapuu 4/7/89~~

Rec Rec

3/13/89 Chum's Reef 3390 ♀  
TMS? Plymouth Rock  
FFS  
photo TAG 6/7/84

Rec Rec

6/8/89 FFS 1154 ♂ Palau Ed Medus  
7/7/89 ↑

ORIGINAL TAG INFO  
FILLED IN BY GHB 7/28/91

P. 79 Book 3  
PALAPA, Molokai

**TERN** TEMPORARY I.D.

**EAST**

(L-106)

10350 RFL (20-L)  
10321 LFL |

3/5/86 9542 LFL  
7543 RFL

4/30/80  
K.No

6868 LFL (11-L)  
6867 RFL |

NOTE -  
TERN - Likely first  
Nesting. NESTING  
Turtle tagged by K.No

10357 LFL (L-118)

10295 LFL (24-L)

10373 RFL (28-L)

10303 R34 (16-L)

W.S. → 10485 LFL (U.K.)

10302 L34 |

10486 RFL |

**EAST**

**TERN**

10517 L34 (L-30)

6/16/80 3668 RFL (31-L)

10518 RFL |

GB BASKING ON TRIG  
(only 1 tag applied)

10042 RFL (L-38)

10038 LFL |

10081 LFL (L-42)

10080 RFL |

10093 RFL (L-51)

10083 LFL (L-56)

10084 RFL |

10161 LFL (L-66)

10171 RFL |

10187 R34 (L-71)

6/15/82

6040 RFL (L-73)  
6139 LFL |

ALSO HAD 6140 L2S  
6147 R2S

ARE THEY  
STILL THERE?  
SIGNS OF  
TAG LOSS?

10203 RFL (L-76)

10626 L34 |

10561 LFL (L-79)

10562 RFL |

10198 LIZ (L-58)

10628 RFL (L-86)

10629 LFL |

10188 LFL (L-89)

10229 LFL (L-95)

10223 RFL |

10248 RFL (L-96)

10072 LFL (L-97)

10246 R34 (L-100)

6/30/85-9391 LFL (L-101)

GP

9392 RFL |

Nesting EAST Island Remarks = "Big, Beautiful SHELL"  
SL = 99cm  
CL = 125cm

6/17/87-9996 RFL (L-104)

EAST-DNA EGGS! Collect 4 eggs for worldwide mtDNA study.  
MM 6/17/87

[ ALL 10,000 SERIES ABOVE  
APPLIED FFS SUMMER 1988

[ 10,751 TO 10,983 APPLIED  
MOLOKAI JULY 1988

IN THE BEACH AREA

BEFORE THE MOUNTAIN VIEW FIELD

Nesting Activities During The 1989 Nesting Season

National Marine Fisheries Service  
 2570 Dole Street  
 Honolulu Hawaii 96822-22396

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| -133, W286                | East            | 05/28-07/10<br>(43) | 0.0                |                  | (1)             |
| -271, 6148                | East            | 05/15-05/16<br>(1)  | 95.5               |                  | (0)             |
| 2223, 5320, W91           | East            | 05/23-07/24<br>(62) | 100.0              |                  | (1)             |
| 2235, 2237, 3145,<br>5305 | East            | 05/19-08/02<br>(75) | 98.4               | 12,23,12         | (4)             |
| 2666, 5372                | East            | 06/01-08/17<br>(77) | 92.8               |                  | (1)             |
| 2729, 5331                | East            | 06/25-08/21<br>(57) | 109.5              |                  | (1)             |
| 2731, 2732, 6110          | East            | 07/12-07/27<br>(15) | 91.5               |                  | (0)             |
| 2816, 5438, W150,<br>W478 | East            | 05/15-07/23<br>(69) | 92.9               |                  | (1)             |
| 2999, 3002                | East            | 05/16-08/09<br>(85) | 101.8              | 57               | (2)             |
| 3127, W80                 | East            | 05/19-07/16<br>(58) | 103.5              |                  | (0)             |

| Tag No.                      | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|------------------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| 3139, 3161, 6207, 6208       | East            | 05/06-07/23<br>(78) | 100.8              | 15,25,25         | (4)             |
| 3149, 6187, 6204             | East            | 06/05-08/01<br>(57) | 96.0               | 27,30            | (3)             |
| 3152, W503                   | East            | 05/26-08/11<br>(77) | 98.0               | 26,11            | (3)             |
| 3213, 3837, 5430             | East            | 05/25-08/16<br>(83) | 100.0              | 17               | (2)             |
| 3217, W193, W226, W227, W228 | East            | 06/04-08/17<br>(74) | 102.5              |                  | (0)             |
| 3220, 3221                   | East            | 06/06-07/29<br>(53) | 97.5               |                  | (0)             |
| 3229, 3437                   | East            | 05/29-07/09<br>(41) | 100.0              | 27               | (2)             |
| 3231, W284, W64              | East            | 05/11-07/17<br>(67) | 110.0              | 29,27            | (3)             |
| 3245, 3412                   | East            | 05/28-08/02<br>(66) | 99.5               |                  | (1)             |
| 3250, 9300                   | East            | 06/11-08/10<br>(60) | 93.0               | 26               | (2)             |
| 3359, W427                   | East            | 07/01-08/21<br>(51) | 102.0              | 26,25            | (3)             |
| 3365, W82                    | East            | 05/16-08/09<br>(85) | 92.0               | 28,38            | (3)             |
| 3367, W435                   | East            | 06/09-08/11<br>(63) | 89.9               |                  | (1)             |
| 3369, 3537                   | East            | 05/26-07/21<br>(56) | 96.0               | 56               | (2)             |
| 3377, 3378                   | East            | 05/16-07/25<br>(70) | 102.0              | 54               | (2)             |

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| 3381, 3382                | East            | 06/06-07/27<br>(51) | 96.1               | 24               | (2)             |
| 3387, W43                 | East            | 05/09-07/10<br>(62) | 99.0               | 45,14            | (3)             |
| 341-                      | East            | 06/06-07/18<br>(42) | 0.0                |                  | (0)             |
| 3416, W437                | East            | 07/18-08/01<br>(14) | 96.2               | 14               | (2)             |
| 3427, W381                | East            | 05/08-08/12<br>(96) | 99.5               |                  | (1)             |
| 3432, 3433                | East            | 05/13-07/09<br>(57) | 100.5              |                  | (0)             |
| 3438, W496                | East            | 05/18-08/10<br>(84) | 99.5               | 12               | (2)             |
| 3444, 8195                | East            | 05/15-07/11<br>(57) | 102.2              |                  | (1)             |
| 3450, W364, W499          | East            | 06/15-08/10<br>(56) | 103.7              | 14               | (2)             |
| 3541, 3542                | East            | 05/08-07/25<br>(78) | 96.0               |                  | (1)             |
| 3601, 6256                | East            | 05/12-07/18<br>(67) | 103.0              |                  | (1)             |
| 3615, 3616, W102,<br>W103 | East            | 05/09-06/20<br>(42) | 99.5               |                  | (0)             |
| 3619                      | East            | 05/08-06/30<br>(53) | 95.5               |                  | (1)             |
| 3701, 3810, 5139          | East            | 05/03-07/09<br>(67) | 102.5              | 7,26             | (3)             |
| 3718, 5248                | East            | 06/17-08/23<br>(67) | 103.3              | 41,13            | (3)             |

| Tag No.                       | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|-------------------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| 3723                          | East            | 06/03-08/04<br>(62) | 100.0              |                  | (1)             |
| 3732, 3787, 5216,<br>5223     | East            | 05/26-07/17<br>(52) | 96.5               | 12               | (2)             |
| 3756, W104                    | East            | 05/23-07/21<br>(59) | 98.5               | 13               | (2)             |
| 3784, 5275                    | East            | 06/08-09/01<br>(85) | 102.6              | 27,15            | (3)             |
| 3796, 5087, 5336              | East            | 06/14-06/14         | 0.0                |                  | (0)             |
| 4251, 4252                    | East            | 05/08-05/08         | 92.5               |                  | (0)             |
| 4271, 4272                    | East            | 05/08-07/04<br>(57) | 97.0               |                  | (1)             |
| 5192, W460                    | East            | 05/24-08/22<br>(90) | 102.5              |                  | (1)             |
| 5194, 830, W186               | East            | 06/03-08/20<br>(78) | 99.5               |                  | (0)             |
| 5196, 5197                    | East            | 05/18-07/04<br>(47) | 100.0              |                  | (0)             |
| 5218, 5451                    | East            | 06/06-08/22<br>(77) | 100.0              | 26,14            | (3)             |
| 5276, W86                     | East            | 05/21-07/10<br>(50) | 99.0               | 27               | (2)             |
| 5306, W26                     | East            | 05/03-07/10<br>(68) | 103.0              | 13               | (2)             |
| 5317, 5337                    | East            | 05/22-08/07<br>(77) | 98.0               |                  | (1)             |
| 5340, A223<br>(05/19/91), W76 | East            | 05/18-08/05<br>(79) | 105.0              |                  | (1)             |

| Tag No.                              | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|--------------------------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| 5361, 5405, W282                     | East            | 07/08-08/31<br>(54) | 107.5              | 24,12            | (3)             |
| 5366                                 | East            | 06/18-08/09<br>(52) | 100.6              |                  | (0)             |
| 5308, 5368, 7181,<br>A347 (07/02/91) | East            | 05/18-08/22<br>(96) | 110.0              |                  | (1)             |
| 5428, 8164, A227<br>(05/22/91)       | East            | 05/27-08/12<br>(77) | 101.0              | 38,13,13         | (4)             |
| 5999, 6131                           | East            | 05/12-07/14<br>(63) | 99.0               |                  | (0)             |
| 6001, 6004, 6199                     | East            | 05/15-07/29<br>(75) | 104.0              |                  | (1)             |
| 6006, W319                           | East            | 05/14-07/02<br>(49) | 100.5              |                  | (1)             |
| 6010, W92                            | East            | 05/15-07/21<br>(67) | 98.0               |                  | (1)             |
| 6021, 6022                           | East            | 05/25-07/25<br>(61) | 97.0               | 18               | (2)             |
| 6026, W389                           | East            | 05/29-07/25<br>(57) | 93.1               |                  | (0)             |
| 6034, W456, W457                     | East            | 06/05-08/07<br>(63) | 98.1               | 15               | (2)             |
| 6035, 6036, W204,<br>W205            | East, Tern      | 06/08-08/14<br>(67) | 103.7              | 15               | (2)             |
| 6048, 6261, W75                      | East            | 05/14-07/09<br>(56) | 99.5               |                  | (1)             |
| 6058, W40                            | East            | 05/08-07/19<br>(72) | 103.5              | 57               | (2)             |
| 6071, 6072                           | East            | 06/14-08/18<br>(65) | 93.1               | 53               | (2)             |

| Tag No.                   | Island Observed | Period Observed      | Curved Length (cm) | Nesting Interval | No. of Clutches |
|---------------------------|-----------------|----------------------|--------------------|------------------|-----------------|
| 6091, 6111                | East            | 05/20-07/26<br>(67)  | 98.0               |                  | (1)             |
| 6149, W118, W355,<br>W356 | East            | 05/23-07/18<br>(56)  | 93.0               |                  | (0)             |
| 6156                      | East            | 06/16-07/26<br>(40)  | 101.1              |                  | (1)             |
| 6179, W304, W305          | East            | 05/23-06/28<br>(36)  | 91.0               |                  | (1)             |
| 6183, 6192                | East            | 05/08-08/16<br>(100) | 100.0              |                  | (1)             |
| 6191, 6217, W79           | East            | 05/18-07/19<br>(62)  | 97.0               |                  | (1)             |
| 6213, W47                 | East            | 05/09-07/11<br>(63)  | 103.5              |                  | (0)             |
| 6223, 6224, W300          | East            | 06/16-08/10<br>(55)  | 102.7              |                  | (1)             |
| 6248, 9271                | East            | 07/29-07/29          | 96.0               |                  | (0)             |
| 6265, W119                | East            | 05/25-08/23<br>(90)  | 98.0               |                  | (0)             |
| 6273, W350                | East            | 06/12-08/23<br>(72)  | 106.0              |                  | (1)             |
| 6673, W259                | East            | 06/30-08/12<br>(43)  | 93.0               | 13, 15, 14       | (4)             |
| 7156, W128                | East            | 05/26-07/19<br>(54)  | 97.4               |                  | (1)             |
| 7167, 7176                | East            | 06/13-07/15<br>(32)  | 96.0               |                  | (1)             |
| 7172, 7173                | East            | 05/30-08/13<br>(75)  | 102.8              | 30               | (2)             |

| Tag No.          | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| 7180, W521       | East            | 08/03-08/30<br>(27) | 0.0                |                  | (1)             |
| 7203, W303, W481 | East            | 06/05-08/09<br>(65) | 100.0              |                  | (1)             |
| 7313, 7314       | East            | 05/30-08/13<br>(75) | 98.3               | 27,14            | (3)             |
| 7989, 8000       | East            | 07/26-09/02<br>(38) | 100.0              |                  | (1)             |
| 8169, W395       | East            | 06/20-08/27<br>(68) | 105.0              | 27,13            | (3)             |
| 8179, 8217       | East            | 06/27-07/23<br>(26) | 90.5               | 13               | (2)             |
| 8186, 8206       | East            | 07/31-08/28<br>(28) | 101.0              | 27               | (2)             |
| 8190, W185       | East            | 06/04-07/18<br>(44) | 100.5              | 42               | (2)             |
| 8208, W285       | East            | 05/03-07/08<br>(66) | 95.5               | 27,37            | (3)             |
| 8211, W190, W538 | East            | 06/04-08/11<br>(68) | 100.9              | 26,12,13,<br>17  | (5)             |
| 9266, W38        | East            | 05/08-06/30<br>(53) | 96.5               |                  | (1)             |
| 9281, W77, W78   | East            | 05/03-07/17<br>(75) | 95.5               |                  | (1)             |
| 9313, 9314       | East            | 05/24-07/26<br>(63) | 102.0              |                  | (0)             |
| 9346, 9347       | East            | 06/06-08/22<br>(77) | 106.3              |                  | (1)             |
| 9348, 9363       | East            | 05/29-08/27<br>(90) | 99.1               | 38,47            | (3)             |

| Tag No.                   | Island Observed | Period Observed      | Curved Length (cm) | Nesting Interval | No. of Clutches |
|---------------------------|-----------------|----------------------|--------------------|------------------|-----------------|
| 9365, 9366                | East            | 05/08-07/11<br>(64)  | 94.0               |                  | (1)             |
| 9368, 9369                | East            | 05/29-08/02<br>(65)  | 93.0               |                  | (1)             |
| 9651, 9652                | East            | 07/24-07/24          | 0.0                |                  | (1)             |
| 9663, 9682                | East            | 05/26-09/02<br>(99)  | 94.0               | 13,41,24,<br>21  | (5)             |
| 9668, 9669                | East            | 05/19-07/20<br>(62)  | 96.0               |                  | (0)             |
| 9671, W283, W511,<br>W512 | East            | 06/24-08/16<br>(53)  | 96.5               | 24,12            | (3)             |
| 9673, 9765                | East            | 05/13-08/26<br>(105) | 93.0               |                  | (1)             |
| 9674, 9675                | East            | 05/03-07/24<br>(82)  | 95.0               | 12,13            | (3)             |
| 9680, 9681                | East            | 05/03-07/26<br>(84)  | 94.0               | 41               | (2)             |
| 9712, 9714                | East            | 05/07-07/10<br>(64)  | 94.0               | 25               | (2)             |
| 9783, 9784                | East            | 05/15-08/23<br>(100) | 96.1               | 41               | (2)             |
| 9787, W398                | East            | 06/21-08/01<br>(41)  | 101.0              |                  | (1)             |
| 9788, 9789                | East            | 05/25-08/09<br>(76)  | 95.0               | 61               | (2)             |
| 9797, W294, W295          | East            | 06/16-07/11<br>(25)  | 94.0               |                  | (1)             |
| U-89-001                  | East            | 05/14-05/19<br>(5)   | 0.0                |                  | (0)             |

| Tag No.  | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|----------|-----------------|---------------------|--------------------|------------------|-----------------|
| U-89-002 | East            | 05/15-06/01<br>(17) | 0.0                |                  | (0)             |
| U-89-003 | East            | 05/16-05/16         | 0.0                |                  | (0)             |
| U-89-004 | East            | 05/19-07/17<br>(59) | 0.0                |                  | (1)             |
| U-89-005 | East            | 05/19-06/30<br>(42) | 0.0                |                  | (0)             |
| U-89-006 | East            | 05/20-07/17<br>(58) | 0.0                |                  | (0)             |
| U-89-007 | East            | 05/20-05/20         | 0.0                |                  | (0)             |
| U-89-008 | East            | 05/20-05/20         | 0.0                |                  | (0)             |
| U-89-009 | East            | 05/20-06/02<br>(13) | 0.0                |                  | (0)             |
| U-89-010 | East            | 05/23-05/23         | 0.0                |                  | (0)             |
| U-89-011 | East            | 05/23-05/31<br>(8)  | 0.0                |                  | (0)             |
| U-89-012 | East            | 05/24-05/25<br>(1)  | 0.0                |                  | (0)             |
| U-89-013 | East            | 05/26-05/26         | 0.0                |                  | (0)             |
| U-89-014 | East            | 05/27-05/27         | 0.0                |                  | (0)             |
| U-89-015 | East            | 05/28-05/28         | 0.0                |                  | (0)             |
| U-89-016 | East            | 05/29-05/29         | 0.0                |                  | (0)             |

| Tag No.  | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|----------|-----------------|---------------------|--------------------|------------------|-----------------|
| U-89-017 | East            | 06/03-06/03         | 0.0                |                  | (0)             |
| U-89-018 | East            | 06/07-06/07         | 0.0                |                  | (0)             |
| U-89-019 | East            | 06/09-06/14<br>(5)  | 0.0                |                  | (0)             |
| U-89-020 | East            | 06/09-06/12<br>(3)  | 0.0                |                  | (1)             |
| U-89-021 | East            | 06/21-06/25<br>(4)  | 0.0                |                  | (0)             |
| U-89-022 | East            | 06/21-07/05<br>(14) | 0.0                |                  | (0)             |
| U-89-023 | East            | 06/21-06/21         | 0.0                |                  | (0)             |
| U-89-024 | East            | 06/24-06/24         | 0.0                |                  | (0)             |
| U-89-025 | East            | 06/30-06/30         | 0.0                |                  | (0)             |
| U-89-026 | East            | 07/01-07/01         | 0.0                |                  | (0)             |
| U-89-027 | East            | 07/10-07/26<br>(16) | 0.0                |                  | (0)             |
| U-89-028 | East            | 07/14-08/22<br>(39) | 0.0                |                  | (1)             |
| U-89-029 | East            | 07/15-07/15         | 0.0                |                  | (0)             |
| U-89-030 | East            | 07/19-07/19         | 0.0                |                  | (0)             |
| U-89-031 | East            | 08/01-08/25<br>(24) | 0.0                |                  | (0)             |

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| U-89-032                  | East            | 08/11-08/23<br>(12) | 0.0                |                  | (0)             |
| W100, W127, W471,<br>W472 | East            | 05/23-08/07<br>(76) | 94.5               | 46,6             | (3)             |
| W105, W106                | East            | 05/24-08/11<br>(79) | 105.0              | 27               | (2)             |
| W107, W108                | East            | 05/24-08/04<br>(72) | 84.0               |                  | (0)             |
| W110, W111                | East            | 05/25-07/04<br>(40) | 95.0               |                  | (1)             |
| W112, W113                | East            | 05/25-08/08<br>(75) | 93.5               | 35               | (2)             |
| W114, W124                | East            | 05/26-06/07<br>(12) | 106.5              |                  | (1)             |
| W115                      | East            | 05/25-07/30<br>(66) | 101.7              | 27,12,15         | (4)             |
| W116, W28                 | East            | 05/03-07/28<br>(86) | 98.5               |                  | (1)             |
| W120, W121                | East, Tern      | 05/25-07/03<br>(39) | 100.0              |                  | (0)             |
| W122, W123                | East            | 05/26-07/23<br>(58) | 103.2              | 27               | (2)             |
| W126, W527                | East            | 05/23-08/07<br>(76) | 97.8               |                  | (0)             |
| W129, W130, W458          | East            | 05/20-07/23<br>(64) | 99.2               |                  | (1)             |
| W131, W260, W365          | East            | 05/27-08/01<br>(66) | 94.2               | 16,15,16         | (4)             |
| W135, W287                | East, Tern      | 05/28-07/27<br>(60) | 0.0                |                  | (1)             |

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval   | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|--------------------|-----------------|
| W137, W315                | East, Tern      | 05/28-07/17<br>(50) | 98.7               |                    | (1)             |
| W139, W394, W502          | East            | 05/28-07/30<br>(63) | 95.0               |                    | (1)             |
| W140, W141, W545,<br>W546 | East            | 05/28-08/12<br>(76) | 91.0               | 12                 | (2)             |
| W142, W470                | East            | 05/28-08/07<br>(71) | 99.0               |                    | (1)             |
| W145, W462                | East            | 05/28-08/20<br>(84) | 94.0               | 13,14              | (3)             |
| W146, W490, W491          | East            | 05/31-08/08<br>(69) | 93.3               | 3/9/92 KBW<br>W491 | (1)             |
| W149, W446, W447          | East            | 05/31-07/21<br>(51) | 95.6               | 25                 | (2)             |
| W151, W152, W504          | East            | 06/01-08/09<br>(69) | 93.1               | 48                 | (2)             |
| W153, W154                | East            | 06/01-07/12<br>(41) | 93.0               | 15                 | (2)             |
| W155, W297                | East            | 05/20-08/22<br>(94) | 109.0              |                    | (0)             |
| W157                      | East            | 06/02-06/02         | 0.0                |                    | (0)             |
| W158, W159                | East            | 06/02-06/15<br>(13) | 96.0               |                    | (0)             |
| W160, W162                | East            | 06/02-07/23<br>(51) | 94.0               |                    | (0)             |
| W164, W426                | East            | 06/02-08/20<br>(79) | 108.0              | 77                 | (2)             |
| W166, W341, W539,<br>W541 | East            | 06/02-08/11<br>(70) | 93.0               |                    | (1)             |

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| W167                      | East            | 05/30-08/03<br>(65) | 91.0               |                  | (0)             |
| W168, W547                | East            | 05/19-08/14<br>(87) | 0.0                | 73               | (2)             |
| W170, W171                | East            | 05/17-06/02<br>(16) | 100.0              |                  | (1)             |
| W172, W173, W477          | East            | 06/02-08/10<br>(69) | 101.0              |                  | (1)             |
| W174, W436                | East            | 06/02-07/29<br>(57) | 93.0               |                  | (1)             |
| W175, W176                | East            | 06/02-08/03<br>(62) | 89.0               | 41               | (2)             |
| W177, W497                | East            | 06/03-08/13<br>(71) | 101.0              |                  | (0)             |
| W179, W428, W540          | East            | 06/03-08/11<br>(69) | 97.0               |                  | (1)             |
| W180, W434                | East            | 06/03-08/10<br>(68) | 103.0              |                  | (0)             |
| W182, W194                | East            | 05/19-07/28<br>(70) | 94.0               |                  | (0)             |
| W183, W184                | East            | 06/03-06/30<br>(27) | 100.0              |                  | (0)             |
| W188, W189, W466,<br>W467 | East            | 06/04-08/09<br>(66) | 89.0               |                  | (1)             |
| W196, W256                | East            | 06/04-08/10<br>(67) | 100.0              |                  | (0)             |
| W197, W198                | East, Tern      | 06/05-08/12<br>(68) | 97.0               |                  | (1)             |
| W199, W200                | East            | 05/23-07/17<br>(55) | 96.0               |                  | (1)             |

| Tag No.          | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| W225, W401       | East            | 07/14-08/27<br>(44) | 94.0               | 14,13            | (3)             |
| W229, W230, W516 | East            | 06/20-08/27<br>(68) | 96.4               | 43               | (2)             |
| W231, W281       | East            | 06/23-08/02<br>(40) | 91.7               | 15               | (2)             |
| W233, W234       | East            | 06/25-09/02<br>(69) | 93.0               | 14               | (2)             |
| W235, W236       | East            | 06/25-07/23<br>(28) | 97.5               |                  | (1)             |
| W237, W289       | East            | 06/25-07/11<br>(16) | 91.0               |                  | (1)             |
| W239, W240       | East            | 06/22-06/28<br>(6)  | 97.4               |                  | (0)             |
| W242, W248, W554 | East            | 06/06-08/24<br>(79) | 95.0               |                  | (0)             |
| W243, W244       | East            | 06/26-08/23<br>(58) | 100.0              | 14,14            | (3)             |
| W245, W84        | East            | 05/17-08/02<br>(77) | 98.5               |                  | (1)             |
| W246, W247, W442 | East            | 05/20-08/25<br>(97) | 104.0              |                  | (1)             |
| W249, W250       | East            | 06/26-08/10<br>(45) | 101.0              | 14               | (2)             |
| W251, W542       | East            | 06/15-08/12<br>(58) | 104.1              |                  | (1)             |
| W252, W253, W461 | East            | 06/14-08/06<br>(53) | 88.0               |                  | (1)             |
| W254, W255, W534 | East            | 06/28-08/23<br>(56) | 101.5              | 13               | (2)             |

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| W257, W258                | East            | 06/29-08/09<br>(41) | 95.5               |                  | (1)             |
| W261, W89, W90            | East            | 05/23-07/18<br>(56) | 99.0               | 13               | (2)             |
| W262, W263                | East            | 07/04-07/29<br>(25) | 97.3               |                  | (1)             |
| W264, W265                | East            | 07/04-07/18<br>(14) | 94.5               |                  | (1)             |
| W266, W301, W302,<br>W465 | East            | 06/05-07/27<br>(52) | 85.0               |                  | (1)             |
| W267, W268                | East            | 07/05-08/20<br>(46) | 104.0              | 14               | (2)             |
| W269, W270                | East            | 07/05-07/24<br>(19) | 98.0               |                  | (0)             |
| W27                       | East            | 05/03-05/31<br>(28) | 99.0               |                  | (0)             |
| W271, W272                | East            | 07/06-08/22<br>(47) | 103.0              |                  | (0)             |
| W273, W334, W515          | East            | 06/10-08/15<br>(66) | 103.0              | 53,13            | (3)             |
| W274, W275                | East            | 07/06-07/22<br>(16) | 93.0               |                  | (0)             |
| W276, W277                | East            | 06/23-08/05<br>(43) | 99.0               | 14               | (2)             |
| W278, W279                | East            | 07/06-08/07<br>(32) | 106.0              |                  | (1)             |
| W280, W380, W95           | East            | 05/23-08/20<br>(89) | 94.8               |                  | (1)             |
| W29, W30                  | East            | 05/08-06/27<br>(50) | 100.0              |                  | (1)             |

| Tag No.          | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| W290, W291       | East            | 06/14-08/14<br>(61) | 95.4               | 61               | (2)             |
| W292, W293       | East            | 07/11-08/22<br>(42) | 104.0              | 29               | (2)             |
| W299, W492, W493 | East            | 07/12-07/27<br>(15) | 100.0              |                  | (1)             |
| W307             | East            | 06/06-08/16<br>(71) | 102.3              |                  | (1)             |
| W31, W32, W33    | East            | 05/08-07/06<br>(59) | 94.0               |                  | (1)             |
| W312, W313, W535 | East            | 06/06-09/02<br>(88) | 103.0              | 38,14,12         | (4)             |
| W316, W317       | East            | 06/08-06/08         | 96.4               |                  | (1)             |
| W320, W468, W469 | East            | 06/09-08/09<br>(61) | 93.7               | 16               | (2)             |
| W322, W99        | East            | 05/23-08/15<br>(84) | 95.1               | 14,16,28         | (4)             |
| W323             | East            | 06/08-08/12<br>(65) | 102.0              |                  | (1)             |
| W325, W326       | East            | 06/10-08/14<br>(65) | 101.0              | 13               | (2)             |
| W329, W330       | East            | 06/10-07/13<br>(33) | 93.0               |                  | (1)             |
| W331, W332       | East            | 06/10-08/20<br>(71) | 103.0              | 27               | (2)             |
| W338, W339       | East            | 06/11-07/30<br>(49) | 93.0               |                  | (0)             |
| W340, W342       | East            | 06/11-07/19<br>(38) | 98.0               |                  | (1)             |

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| W343, W344                | East            | 06/11-06/11         | 0.0                |                  | (0)             |
| W345, W346, W575          | East            | 06/11-08/27<br>(77) | 96.5               |                  | (1)             |
| W348                      | East            | 08/16-08/20<br>(4)  | 99.5               |                  | (0)             |
| W349, W510                | East            | 06/12-08/16<br>(65) | 90.0               | 14               | (2)             |
| W351, W519, W520          | East            | 06/12-08/26<br>(75) | 100.0              | 11               | (2)             |
| W353, W354                | East            | 06/10-06/30<br>(20) | 97.0               |                  | (1)             |
| W357, W358, W488,<br>W489 | East            | 06/13-08/23<br>(71) | 99.0               | 45               | (2)             |
| W36, W482, W483           | East            | 05/08-07/29<br>(82) | 91.0               |                  | (0)             |
| W360, W505                | East            | 06/13-08/25<br>(73) | 97.5               | 29,13            | (3)             |
| W362, W463, W464          | East            | 05/15-07/29<br>(75) | 92.0               | 30               | (2)             |
| W366, W373                | East            | 06/16-07/15<br>(29) | 106.1              |                  | (1)             |
| W368, W525                | East            | 06/13-08/19<br>(67) | 98.0               | 13               | (2)             |
| W376, W377                | East            | 06/18-08/23<br>(66) | 94.0               | 54               | (2)             |
| W378, W379                | East            | 06/13-08/28<br>(76) | 96.0               | 13,13            | (3)             |
| W382, W383, W441          | East            | 06/18-08/15<br>(58) | 98.0               | 14               | (2)             |

| Tag No.          | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| W384, W385       | East            | 06/19-08/24<br>(66) | 101.5              |                  | (1)             |
| W386, W57, W58   | East            | 05/11-07/01<br>(51) | 92.0               | 51               | (2)             |
| W387, W388       | East            | 06/19-07/02<br>(13) | 103.0              |                  | (1)             |
| W390, W391, W392 | East            | 06/19-06/20<br>(1)  | 106.0              |                  | (1)             |
| W396, W397       | East            | 06/07-08/23<br>(77) | 101.9              | 38,12            | (3)             |
| W399, W400       | East            | 06/21-08/11<br>(51) | 95.0               |                  | (1)             |
| W41, W42         | East            | 05/06-07/10<br>(65) | 100.0              | 24               | (2)             |
| W429, W430       | East            | 07/02-07/28<br>(26) | 92.0               |                  | (1)             |
| W431, W432       | East            | 07/14-08/03<br>(20) | 94.0               |                  | (0)             |
| W438, W439       | East, Tern      | 07/18-09/22<br>(66) | 104.9              |                  | (1)             |
| W44, W46         | East, Tern      | 05/07-07/29<br>(83) | 91.5               |                  | (1)             |
| W444, W526       | East            | 07/21-09/01<br>(42) | 95.0               |                  | (1)             |
| W448, W449       | East            | 07/21-07/24<br>(3)  | 98.0               |                  | (0)             |
| W451, W452       | East            | 07/21-08/22<br>(32) | 95.5               |                  | (1)             |
| W453, W454       | East            | 07/15-07/21<br>(6)  | 93.6               |                  | (1)             |

| Tag No.         | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|-----------------|-----------------|---------------------|--------------------|------------------|-----------------|
| W459 (07/22/89) | East            | 06/14-07/07<br>(23) | 0.0                |                  | (0)             |
| W473, W474      | East            | 07/23-07/23         | 95.0               |                  | (0)             |
| W475, W476      | East            | 07/23-07/23         | 0.0                |                  | (0)             |
| W479, W480, W97 | East            | 05/18-07/24<br>(67) | 93.0               |                  | (0)             |
| W48, W49        | East            | 05/10-07/04<br>(55) | 96.5               |                  | (0)             |
| W484, W485      | East            | 07/25-08/26<br>(32) | 97.0               |                  | (1)             |
| W486, W487      | East            | 07/26-07/26         | 93.0               |                  | (1)             |
| W495, W498      | East            | 07/27-07/28<br>(1)  | 99.2               |                  | (0)             |
| W500, W501      | East            | 06/11-07/28<br>(47) | 93.9               |                  | (0)             |
| W506, W507      | East            | 07/30-07/31<br>(1)  | 95.0               |                  | (0)             |
| W508, W509      | East            | 07/30-08/29<br>(30) | 100.0              |                  | (1)             |
| W51             | East            | 05/10-08/02<br>(84) | 95.7               |                  | (0)             |
| W513, W555      | East            | 06/10-08/26<br>(77) | 102.0              | 36,26            | (3)             |
| W52, W53        | East            | 05/10-07/19<br>(70) | 96.0               |                  | (1)             |
| W523, W524      | East            | 08/06-08/23<br>(17) | 97.7               |                  | (1)             |

| Tag No.    | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|------------|-----------------|---------------------|--------------------|------------------|-----------------|
| W528, W529 | East            | 08/07-08/21<br>(14) | 97.0               |                  | (1)             |
| W530, W531 | East            | 08/08-08/08         | 95.5               |                  | (0)             |
| W532, W533 | East            | 08/09-08/23<br>(14) | 97.0               |                  | (0)             |
| W536, W537 | East            | 08/10-08/29<br>(19) | 96.0               | 19               | (2)             |
| W54, W65   | East            | 05/11-07/15<br>(65) | 95.0               | 16,14            | (3)             |
| W543, W544 | East            | 08/12-08/26<br>(14) | 104.8              | 14               | (2)             |
| W550, W551 | East            | 08/18-08/18         | 101.5              |                  | (0)             |
| W552, W553 | East            | 08/23-08/23         | 101.3              |                  | (1)             |
| W59, W60   | East            | 05/11-07/28<br>(78) | 96.0               | 17,28            | (3)             |
| W61, W62   | East            | 05/12-07/06<br>(55) | 101.0              |                  | (1)             |
| W66, W68   | East            | 05/11-06/22<br>(42) | 94.0               |                  | (0)             |
| W69, W70   | East            | 05/16-07/15<br>(60) | 95.5               |                  | (0)             |
| W71, W72   | East            | 05/16-07/11<br>(56) | 99.0               |                  | (1)             |
| W83        | East            | 05/20-06/06<br>(17) | 102.0              |                  | (0)             |
| W87, W88   | East            | 05/07-07/17<br>(71) | 100.5              |                  | (1)             |

FFS MALES

Same as

2-6-89 copy

| TAG NO. | ENT NO. | P OR S. |
|---------|---------|---------|
| 19      | 72      | T--FW   |
| 25      | 25      | A       |
| 52      | 77      | FW      |
| 74      | 1       | FW      |
| 97      | 77      | FW      |
| 122     | 26      | FW      |
| 127     | 31      | T---FW  |
| 456     | 13      | FW      |
| 456     | 78      | FW      |
| 469     | 12      | FW      |
| 747     | 9       | FW      |
| 930     | 14      |         |
| 933     | 4       |         |
| 937     | 2       |         |
| 940     | 10      |         |
| 948     | 60      | FW      |
| 948     | 11      |         |
| 953     | 5       |         |
| 956     | 3       |         |
| 957     | 3       |         |
| 958     | 3       |         |
| 959     | 22      |         |
| 960     | 22      |         |
| 974     | 6       |         |
| 1060    | 21      | FG      |
| 1160    | 7       |         |
| 1197    | 30      |         |
| 1198    | 20      |         |
| 1200    | 8       |         |
| 1204    | 59      |         |
| 1205    | 48      |         |
| 1210    | 28      |         |
| 1212    | 23      |         |
| 1214    | 9       |         |
| 1215    | 17      |         |
| 1220    | 29      |         |
| 1224    | 13      |         |
| 1230    | 16      |         |
| 1233    | 25      |         |
| 1241    | 18      |         |
| 1243    | 15      |         |
| 1272    | 21      |         |
| 1282    | 27      |         |
| 1717    | 19      |         |
| 1749    | 59      |         |
| 1790    | 12      |         |
| 1791    | 12      |         |
| 2001    | 30      | F       |
| 2002    | 19      | F       |
| 2004    | 20      | F       |
| 2011    | 21      | F       |
| 2029    | 71      | F       |
| 2038    | 70      | F       |
| 2279    | 61      |         |
| 2280    | 61      |         |

|      |     |
|------|-----|
| 2397 | 35  |
| 2398 | 35  |
| 2399 | 35  |
| 2400 | 7   |
| 2401 | 7   |
| 2411 | 24  |
| 2576 | 51  |
| 2579 | 25  |
| 2586 | 62  |
| 2593 | 25  |
| 2594 | 26  |
| 2597 | 44  |
| 2598 | 44  |
| 2599 | 50  |
| 2600 | 32  |
| 2614 | 34  |
| 2616 | 9   |
| 2618 | 29  |
| 2619 | 29  |
| 2625 | 106 |
| 2655 | 27  |
| 2659 | 32  |
| 2663 | 46  |
| 2664 | 87  |
| 2668 | 63  |
| 2669 | 63  |
| 2688 | 39  |
| 2703 | 109 |
| 2704 | 109 |
| 2710 | 33  |
| 2712 | 58  |
| 2750 | 105 |
| 2756 | 47  |
| 2810 | 64  |
| 2811 | 64  |
| 2824 | 23  |
| 2825 | 10  |
| 2827 | 9   |
| 2828 | 31  |
| 2829 | 30  |
| 3018 | 42  |
| 3024 | 91  |
| 3028 | 40  |
| 3031 | 56  |
| 3032 | 34  |
| 3035 | 20  |
| 3038 | 90  |
| 3039 | 45  |
| 3040 | 79  |
| 3041 | 41  |
| 3044 | 107 |
| 3047 | 55  |
| 3052 | 80  |
| 3053 | 65  |
| 3056 | 104 |
| 3058 | 38  |

|      |     |
|------|-----|
| 3059 | 37  |
| 3062 | 66  |
| 3063 | 36  |
| 3065 | 67  |
| 3066 | 73  |
| 3069 | 54  |
| 3075 | 52  |
| 3077 | 43  |
| 3117 | 71  |
| 3118 | 71  |
| 3131 | 25  |
| 3132 | 31  |
| 3153 | 40  |
| 3169 | 36  |
| 3216 | 81  |
| 3225 | 39  |
| 3234 | 57  |
| 3234 | 100 |
| 3236 | 68  |
| 3237 | 68  |
| 3270 | 111 |
| 3274 | 49  |
| 3276 | 47  |
| 3277 | 48  |
| 3439 | 104 |
| 3448 | 125 |
| 3449 | 39  |
| 3551 | 50  |
| 3553 | 115 |
| 3556 | 52  |
| 3558 | 41  |
| 3563 | 75  |
| 3582 | 51  |
| 3588 | 70  |
| 3629 | 49  |
| 3637 | 69  |
| 3647 | 59  |
| 3648 | 59  |
| 3673 | 70  |
| 3674 | 82  |
| 3737 | 116 |
| 3740 | 62  |
| 3741 | 38  |
| 3758 | 83  |
| 3759 | 115 |
| 3762 | 56  |
| 3765 | 57  |
| 3769 | 38  |
| 4259 | 113 |
| 4261 | 126 |
| 4262 | 117 |
| 4273 | 108 |
| 4275 | 114 |
| 4283 | 103 |
| 5067 | 92  |
| 5070 | 27  |

|      |     |
|------|-----|
| 5073 | 66  |
| 5078 | 40  |
| 5083 | 118 |
| 5084 | 84  |
| 5085 | 84  |
| 5086 | 84  |
| 5100 | 93  |
| 5127 | 98  |
| 5131 | 102 |
| 5132 | 102 |
| 5133 | 97  |
| 5134 | 97  |
| 5135 | 97  |
| 5140 | 37  |
| 5147 | 27  |
| 5159 | 74  |
| 5161 | 92  |
| 5175 | 89  |
| 5176 | 99  |
| 5177 | 99  |
| 5178 | 93  |
| 5236 | 94  |
| 5237 | 94  |
| 5253 | 103 |
| 5255 | 119 |
| 5255 | 98  |
| 5257 | 65  |
| 5260 | 64  |
| 5267 | 63  |
| 5295 | 68  |
| 5321 | 101 |
| 5334 | 37  |
| 5374 | 39  |
| 5398 | 67  |
| 5400 | 76  |
| 5406 | 118 |
| 5435 | 111 |
| 5436 | 111 |
| 5446 | 61  |
| 5455 | 95  |
| 5456 | 120 |
| 5781 | 76  |
| 5784 | 86  |
| 5839 | 87  |
| 5878 | 121 |
| 5882 | 121 |
| 5883 | 121 |
| 5940 | 78  |
| 5983 | 122 |
| 5987 | 82  |
| 5988 | 82  |
| 5990 | 79  |
| 6016 | 65  |
| 6017 | 110 |
| 6018 | 81  |
| 6038 | 96  |

|      |     |
|------|-----|
| 6076 | 96  |
| 6077 | 108 |
| 6105 | 32  |
| 6106 | 80  |
| 6164 | 41  |
| 6197 | 80  |
| 6198 | 32  |
| 6237 | 86  |
| 6327 | 78  |
| 6361 | 88  |
| 6365 | 90  |
| 6781 | 78  |
| 7174 | 70  |
| 7175 | 70  |
| 7201 | 95  |
| 7256 | 123 |
| 7513 | 112 |
| 8172 | 124 |
| 8231 | 113 |
| 9699 | 120 |

Males Excluded From FFS 4/19/89

| Tag No. | Ent No. | P or S | Tag Date |
|---------|---------|--------|----------|
| 15      | 18      | T FW   | 720315   |
| 104     | 1       | FW     | 660401   |
| 153     | 9       | FW     | 660920   |
| 258     | 7       | T FW   | 730530   |
| 259     | 3       | T FW   | 730724   |
| 430     | 14      | FW     | 670320   |
| 878     | 15      | FW     | 690326   |
| 899     | 13      | FW     | 690912   |
| 928     | 5       | FW     | 701214   |
| 930     | 4       | FW     | 701214   |
| 937     | 6       | FW     | 701214   |
| 989     | 12      | FW     | 710427   |
| 991     | 11      | FW     | 710427   |
| 1018    | 2       | FG     | 640311   |
| 1052    | 16      | A FW   | 730315   |
| 2873    | 10      |        | 870724   |
| 2874    | 8       |        | 780724   |
| 2958    | 3       |        | 781003   |
| 2971    | 6       |        |          |
| 4636    | 4       |        | 821030   |
| 5538    | 21      |        | 810807   |
| 5541    | 17      |        | 810807   |
| 5547    | 9       |        | 810807   |
| 5567    | 9       |        | 810807   |
| 5596    | 10      |        | 810810   |
| 5835    | 25      |        | 820605   |
| 5846    | 15      |        | 820330   |
| 5847    | 15      |        | 820330   |
| 5848    | 30      |        | 820627   |
| 5851    | 19      |        | 820629   |
| 5853    | 19      |        | 820629   |
| 5855    | 16      |        | 820702   |
| 5907    | 29      |        | 820414   |
| 5910    | 27      |        | 820510   |
| 5916    | 28      |        | 820328   |
| 5919    | 28      |        | 820328   |
| 6292    | 20      |        | 820818   |
| 6390    | 14      |        | 820816   |
| 6509    | 22      |        | 821028   |
| 6511    | 23      |        | 821028   |
| 6513    | 24      |        | 821028   |
| 6516    | 17      |        | 821029   |
| 6752    | 14      |        | 830503   |
| 6756    | 26      |        | 830518   |
| 6757    | 26      |        | 830518   |
| 6758    | 26      |        | 830518   |
| 6996    | 23      |        | 830704   |
| 7015    | 17      |        | 830705   |
| 7021    | 31      |        | 830601   |
| 7022    | 31      |        | 830601   |
| 8278    | 13      |        | 840712   |
| 8656    | 30      |        | 850624   |

\* 4/20/89 \*

Females excluded from PFS

| Tag No. | Ent No. | P or S | Tag Date |
|---------|---------|--------|----------|
| 3       | 43      | T FW   | 720313   |
| 5       | 21      | T FW   | 720313   |
| 118     | 4       | FW     | 660919   |
| 207     | 1       | T FW   | 720900   |
| 211     | 18      | T FW   | 720906   |
| 225     | 2       | T FW   | 720400   |
| 226     | 3       | T FW   | 730400   |
| 256     | 6       | T FW   | 730530   |
| 265     | 36      | T FW   | 730726   |
| 323     | 22      | FW     | 690915   |
| 399     | 20      | FW     | 700821   |
| 436     | 31      | FW     | 670320   |
| 494     | 15      | A FW   | 690326   |
| 644     | 19      | FW     | 670926   |
| 645     | 5       | FW     | 670927   |
| 886     | 9       | FW     | 690400   |
| 931     | 8       | FW     | 701214   |
| 1014    | 14      | FG     | 630211   |
| 2866    | 17      |        | 780721   |
| 2942    | 16      |        | 781002   |
| 2943    | 16      |        | 781002   |
| 2949    | 2       |        | 781003   |
| 2950    | 2       |        | 781003   |
| 2951    | 3       |        | 781003   |
| 2959    | 4       |        | 781003   |
| 2960    | 4       |        | 781003   |
| 2961    | 16      |        | 781002   |
| 2967    | 7       |        | 781005   |
| 5540    | 7       |        | 810807   |
| 5544    | 23      |        | 810807   |
| 5545    | 12      |        | 810807   |
| 5545    | 13      |        | 810807   |
| 5546    | 37      |        | 810807   |
| 5552    | 24      |        | 810808   |
| 5553    | 24      |        | 810808   |
| 5557    | 28      |        | 810808   |
| 5562    | 38      |        | 810808   |
| 5563    | 38      |        | 810808   |
| 5566    | 11      |        | 810909   |
| 5577    | 39      |        | 810809   |
| 5578    | 29      |        | 810809   |
| 5580    | 40      |        | 810809   |
| 5581    | 27      |        | 810809   |
| 5586    | 26      |        | 810809   |
| 5587    | 26      |        | 810809   |
| 5588    | 8       |        | 810909   |
| 5589    | 10      |        | 810909   |
| 5590    | 10      |        | 810909   |
| 5593    | 41      |        | 810810   |
| 5595    | 41      |        | 810810   |
| 5598    | 12      |        | 810807   |
| 5599    | 25      |        | 810910   |
| 5832    | 35      |        | 820516   |
| 5843    | 44      |        | 820715   |
| 5858    | 30      |        | 820702   |

|      |    |        |
|------|----|--------|
| 5861 | 22 | 820702 |
| 5862 | 22 | 820702 |
| 5864 | 42 | 820703 |
| 5870 | 21 | 820705 |
| 5894 | 49 | 820319 |
| 5900 | 45 | 820408 |
| 5906 | 46 | 820430 |
| 5917 | 45 | 820408 |
| 5918 | 45 | 820408 |
| 5936 | 34 | 820721 |
| 5939 | 32 | 820724 |
| 5945 | 33 | 820728 |
| 6278 | 3  | 820523 |
| 6285 | 47 | 820814 |
| 6286 | 47 | 820814 |
| 6287 | 47 | 820814 |
| 6288 | 44 | 820415 |
| 6289 | 44 | 820715 |
| 6299 | 6  | 820820 |
| 6300 | 6  | 820820 |
| 6301 | 19 | 820921 |
| 6303 | 18 | 830821 |
| 6304 | 18 | 820821 |
| 6318 | 33 | 820728 |
| 6330 | 20 | 820908 |
| 6479 | 31 | 821106 |
| 6489 | 35 | 821121 |
| 6762 | 48 | 830524 |
| 6767 | 35 | 830525 |
| 6978 | 40 | 830510 |
| 6980 | 38 | 830708 |
| 8354 | 50 | 840729 |
| 8361 | 43 | 840729 |

Nesting Activities During The 1990 Nesting Season

National Marine Fisheries Service  
 2570 Dole Street  
 Honolulu Hawaii 96822-22396

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval   | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|--------------------|-----------------|
| 10087, 10088              | East            | 05/25-07/21<br>(57) | 92.0               | 14,27,16           | (4)             |
| 10095, 3590, 8244         | East            | 06/03-07/26<br>(53) | 105.7              | 14,13,25           | (4)             |
| 10163, 10164              | East            | 06/07-07/06<br>(29) | 90.8               |                    | (0)             |
| 10192, 10193              | East            | 06/13-08/26<br>(74) | 101.5              | 16,40              | (3)             |
| 10207, 10543              | East            | 06/07-08/12<br>(66) | 98.9               | 13,15,12,<br>13,13 | (6)             |
| 2232, W621                | East            | 05/23-07/24<br>(62) | 103.8              | 25,12              | (3)             |
| 2234, 6123, W752          | East            | 05/14-07/11<br>(58) | 101.4              | 17,14,13,<br>14    | (5)             |
| 2585, W728                | East            | 06/09-06/14<br>(5)  | 102.9              |                    | (0)             |
| 2692, 5243, 5244          | East            | 05/29-08/08<br>(71) | 104.5              | 15,14,1,1<br>4,27  | (6)             |
| 2767, 5342, W622,<br>W625 | East            | 05/20-08/02<br>(74) | 95.5               | 17,14,12,<br>14    | (5)             |
| 2787, 4255, 958           | East            | 05/10-07/19<br>(70) | 104.0              | 28,12              | (3)             |

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval          | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|---------------------------|-----------------|
| 3137, 6138                | East            | 05/15-07/18<br>(64) | 95.5               | 20                        | (2)             |
| 3181, 5339                | East            | 05/30-08/02<br>(64) | 102.8              | 14, 25                    | (3)             |
| 3255, W654                | East            | 05/17-06/27<br>(41) | 101.5              | 26                        | (2)             |
| 3263, W792                | East            | 06/13-08/21<br>(69) | 102.0              | 28, 13                    | (3)             |
| 3336, 3383                | East            | 06/06-07/24<br>(48) | 99.8               |                           | (0)             |
| 3362, W647                | East            | 05/30-07/23<br>(54) | 102.6              | 15, 25                    | (3)             |
| 3366, W740                | East            | 05/27-07/22<br>(56) | 97.6               | 13, 15, 13                | (4)             |
| 3368, W644                | East            | 05/28-08/19<br>(83) | 100.2              | 30, 14, 13,<br>14, 12     | (6)             |
| 3411, 3422                | East            | 05/21-07/14<br>(54) | 101.4              | 27, 13                    | (3)             |
| 3447                      | East            | 06/13-06/13         | 0.0                |                           | (0)             |
| 3587, 3597                | East            | 05/09-07/31<br>(83) | 99.0               | 12, 12, 17                | (4)             |
| 3622, W791                | East            | 07/01-08/09<br>(39) | 95.0               | 14, 12, 13                | (4)             |
| 3632, 3633, 6135,<br>6259 | East            | 05/07-08/05<br>(90) | 101.3              | 15, 13, 13,<br>15, 17, 16 | (7)             |
| 3702, 5145, 5412          | East            | 05/23-08/08<br>(77) | 101.6              | 16, 14, 16,<br>28         | (5)             |
| 3707, 3830, 5200,<br>5201 | East            | 06/16-07/31<br>(45) | 102.5              | 16, 15                    | (3)             |

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval   | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|--------------------|-----------------|
| 3846, 5319                | East            | 05/20-07/23<br>(64) | 98.1               | 13,13,13,<br>12,11 | (6)             |
| 4257, 4258                | East            | 05/27-07/31<br>(65) | 105.0              | 12,11,13,<br>22    | (5)             |
| 4264, 4265, W626          | East            | 05/21-07/20<br>(60) | 97.5               | 14,26,15           | (4)             |
| 5060, 9376                | East            | 05/19-07/26<br>(68) | 97.5               | 14,13,26           | (4)             |
| 5322, 5394                | East            | 06/09-08/19<br>(71) | 103.0              | 14,13,14,<br>16,13 | (6)             |
| 5333, W659                | East            | 05/31-08/10<br>(71) | 97.8               | 33                 | (2)             |
| 5471, 5475                | East            | 05/27-08/11<br>(76) | 103.3              | 15,11,25,<br>12    | (5)             |
| 6053, 6103                | East            | 05/26-08/04<br>(70) | 99.2               | 27,13,12,<br>13    | (5)             |
| 6073, 6074                | East            | 05/17-08/06<br>(81) | 101.0              | 12,13              | (3)             |
| 6119, 6145, 6160,<br>W830 | East            | 05/27-07/25<br>(59) | 104.5              | 14,13,14,<br>14,2  | (6)             |
| 6188, 6193, 9309          | East            | 05/24-08/17<br>(85) | 100.7              | 15,14,13,<br>13    | (5)             |
| 7186, W760                | East            | 06/03-08/10<br>(68) | 89.5               | 31                 | (2)             |
| 7585, 7586, 7587,<br>7588 | East            | 07/20-09/03<br>(45) | 95.7               | 14,14              | (3)             |
| 7951, 7952                | East            | 06/07-07/31<br>(54) | 96.4               |                    | (0)             |
| 7963, W655                | East            | 05/31-08/05<br>(66) | 99.5               | 28,13,12,<br>13    | (5)             |

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval   | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|--------------------|-----------------|
| 8167, 8168                | East            | 05/27-08/22<br>(87) | 89.8               | 16,13,20,<br>18    | (5)             |
| 8163, 8171<br>(04/29/91)  | East            | 06/23-08/10<br>(48) | 95.0               | 1,29,18            | (4)             |
| 8174, 8175                | East            | 05/14-07/17<br>(64) | 99.0               | 12                 | (2)             |
| 8238, 9343                | East            | 06/22-08/27<br>(66) | 98.6               | 16,10,13           | (4)             |
| 8468, 8469, 8470,<br>8471 | East            | 05/19-07/29<br>(71) | 102.0              | 14,29,13,<br>14    | (5)             |
| 9264, W743, W809          | East            | 06/10-08/03<br>(54) | 99.4               | 14,12,13           | (4)             |
| 9327, 9328                | East            | 06/03-08/13<br>(71) | 94.5               | 13,16,13,<br>14,14 | (6)             |
| 9353, 9356                | East            | 06/03-06/07<br>(4)  | 92.0               |                    | (0)             |
| 9776, 9777                | East            | 06/28-06/28         | 98.2               |                    | (0)             |
| 9779, 9780                | East            | 06/18-08/23<br>(66) | 99.6               | 26,13,13,<br>14    | (5)             |
| 9987, W664, W669          | East            | 06/01-08/26<br>(86) | 103.6              | 14,30,13,<br>27    | (5)             |
| U-90-001                  | East            | 05/28-05/28         | 0.0                |                    | (0)             |
| U-90-002                  | East            | 07/08-09/04<br>(58) | 0.0                | 31,27              | (3)             |
| U-90-003                  | East            | 06/04-06/04         | 0.0                |                    | (0)             |
| U-90-004                  | East            | 06/05-06/08<br>(3)  | 0.0                |                    | (0)             |

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| U-90-005                  | East            | 06/06-06/20<br>(14) | 0.0                |                  | (0)             |
| U-90-006                  | East            | 06/13-06/13         | 0.0                |                  | (0)             |
| U-90-007                  | East            | 07/08-07/08         | 0.0                |                  | (0)             |
| W613, W614                | East            | 05/06-06/30<br>(55) | 91.0               | 39,13            | (3)             |
| W615, W616                | East            | 05/17-07/27<br>(71) | 100.0              | 15,16,25,<br>13  | (5)             |
| W617, W618, W619          | East            | 05/20-07/23<br>(64) | 95.5               | 13               | (2)             |
| W620, W629                | East            | 05/23-07/21<br>(59) | 98.0               | 13,13,14         | (4)             |
| W623, W624                | East            | 05/22-07/09<br>(48) | 92.3               | 17,15,16         | (4)             |
| W627, W628                | East            | 05/20-08/13<br>(85) | 101.0              | 14,14,13,<br>13  | (5)             |
| W630, W631                | East            | 05/23-08/13<br>(82) | 101.7              | 27,29,12,<br>13  | (5)             |
| W632, W633                | East            | 05/24-08/19<br>(87) | 96.3               |                  | (0)             |
| W634, W635, W636,<br>W637 | East            | 05/25-08/07<br>(74) | 98.5               | 14,12,13         | (4)             |
| W638, W639                | East            | 05/26-07/21<br>(56) | 94.3               |                  | (1)             |
| W640, W641                | East            | 05/09-07/19<br>(71) | 94.5               | 12,26,16         | (4)             |
| W642, W643                | East            | 05/10-07/29<br>(80) | 97.4               | 4                | (2)             |

| Tag No.          | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval   | No. of Clutches |
|------------------|-----------------|---------------------|--------------------|--------------------|-----------------|
| W645, W646       | East            | 05/30-08/16<br>(78) | 93.4               | 29,29              | (3)             |
| W648, W649       | East            | 05/30-08/14<br>(76) | 96.8               | 15,14,41           | (4)             |
| W650, W651       | East            | 05/30-08/29<br>(91) | 96.0               |                    | (0)             |
| W652, W653       | East            | 05/30-08/05<br>(67) | 98.7               | 14                 | (2)             |
| W656, W657, W658 | East            | 05/31-08/17<br>(78) | 103.5              | 14                 | (2)             |
| W660, W661       | East            | 05/31-08/14<br>(75) | 101.2              | 13,14,12,<br>24,12 | (6)             |
| W662, W663       | East            | 05/31-07/27<br>(57) | 101.5              | 16,14,13,<br>14    | (5)             |
| W665, W666       | East            | 06/01-06/14<br>(13) | 94.9               |                    | (0)             |
| W668, W822       | East            | 06/01-07/29<br>(58) | 92.5               | 13,12,12           | (4)             |
| W670             | East            | 06/02-06/02         | 0.0                |                    | (0)             |
| W672, W673       | East            | 06/03-08/11<br>(69) | 101.2              | 12,13,38           | (4)             |
| W674, W675       | East            | 06/03-08/01<br>(59) | 98.0               | 14,16,29           | (4)             |
| W676, W677       | East            | 06/04-06/20<br>(16) | 103.0              | 16                 | (2)             |
| W678, W679       | East            | 06/04-08/17<br>(74) | 105.0              | 14,15,30           | (4)             |
| W680, W681       | East            | 05/19-07/26<br>(68) | 100.2              | 14,12,26           | (4)             |

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| Tag No.    | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval   | No. of Clutches |
|------------|-----------------|---------------------|--------------------|--------------------|-----------------|
| W682, W683 | East            | 06/06-07/19<br>(43) | 96.6               | 42                 | (2)             |
| W684, W686 | East            | 06/05-07/04<br>(29) | 92.9               | 16                 | (2)             |
| W687, W688 | East            | 06/07-08/12<br>(66) | 99.5               | 66                 | (2)             |
| W689, W690 | East            | 06/05-08/02<br>(58) | 94.5               | 31,12,13           | (4)             |
| W691, W692 | East            | 06/05-08/25<br>(81) | 92.6               | 16,16,14,<br>13    | (5)             |
| W693, W739 | East            | 06/05-08/08<br>(64) | 99.0               | 60                 | (2)             |
| W694, W695 | East            | 06/02-09/04<br>(94) | 102.9              | 32,14,15,<br>13    | (5)             |
| W696, W697 | East            | 06/05-08/09<br>(65) | 95.6               | 14,15,14           | (4)             |
| W698, W699 | East            | 06/08-06/21<br>(13) | 90.8               |                    | (1)             |
| W700       | East            | 06/05-06/29<br>(24) | 0.0                |                    | (0)             |
| W726, W727 | East            | 06/08-08/11<br>(64) | 95.3               |                    | (1)             |
| W729, W730 | East            | 06/09-09/03<br>(86) | 98.4               | 15,14,14,<br>15,28 | (6)             |
| W731, W732 | East            | 06/09-08/25<br>(77) | 94.5               | 18,16,15,<br>27    | (5)             |
| W733, W734 | East            | 06/09-08/19<br>(71) | 94.3               | 15,28,16,<br>12    | (5)             |
| W735, W736 | East            | 06/09-08/03<br>(55) | 94.7               | 13,14,12           | (4)             |

| Tag No.    | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval      | No. of Clutches |
|------------|-----------------|---------------------|--------------------|-----------------------|-----------------|
| W737, W738 | East            | 06/09-08/20<br>(72) | 93.0               | 42                    | (2)             |
| W741, W742 | East            | 06/08-08/06<br>(59) | 100.7              | 28,29                 | (3)             |
| W744, W745 | East            | 06/11-08/24<br>(74) | 93.0               | 18,15,14,<br>27       | (5)             |
| W746, W747 | East            | 06/11-06/28<br>(17) | 97.0               | 17                    | (2)             |
| W748, W749 | East            | 06/12-09/03<br>(83) | 102.0              | 15,13,13,<br>13,14,15 | (7)             |
| W750, W751 | East            | 06/12-09/04<br>(84) | 112.5              | 35                    | (2)             |
| W754, W755 | East            | 06/14-08/20<br>(67) | 100.1              | 16,16,11,<br>13,11    | (6)             |
| W756, W757 | East            | 06/15-06/17<br>(2)  | 93.7               |                       | (0)             |
| W758, W759 | East            | 06/14-08/24<br>(71) | 97.5               | 29,12                 | (3)             |
| W761, W764 | East            | 06/15-07/26<br>(41) | 98.5               |                       | (0)             |
| W762, W763 | East            | 06/15-08/29<br>(75) | 94.4               | 15,15,13,<br>13,15    | (6)             |
| W765, W766 | East            | 06/14-08/24<br>(71) | 99.6               | 30,11,15              | (4)             |
| W767, W769 | East            | 06/16-08/27<br>(72) | 96.4               |                       | (1)             |
| W768, W770 | East            | 05/28-07/29<br>(62) | 94.6               | 14,13,15              | (4)             |
| W771, W772 | East            | 06/18-08/31<br>(74) | 95.2               |                       | (1)             |

| Tag No.    | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|------------|-----------------|---------------------|--------------------|------------------|-----------------|
| W773, W774 | East            | 06/23-08/12<br>(50) | 99.0               | 17,7,9,17        | (5)             |
| W775, W776 | East            | 06/21-08/30<br>(70) | 88.6               | 14,13            | (3)             |
| W777, W778 | East            | 06/24-06/24         | 97.4               |                  | (0)             |
| W779, W780 | East            | 06/25-09/08<br>(75) | 98.0               | 38,16,13,<br>4   | (5)             |
| W781, W782 | East            | 06/25-09/04<br>(71) | 98.3               | 26,26            | (3)             |
| W783, W784 | East            | 05/23-07/25<br>(63) | 100.0              | 15,14            | (3)             |
| W785, W786 | East            | 06/27-08/26<br>(60) | 97.4               | 14,14,14         | (4)             |
| W787, W788 | East            | 06/27-08/17<br>(51) | 102.8              | 16,13            | (3)             |
| W789, W790 | East            | 06/29-09/05<br>(68) | 102.0              | 16,25,13,<br>14  | (5)             |
| W793, W794 | East            | 07/02-08/10<br>(39) | 91.2               | 13,13,13         | (4)             |
| W795, W796 | East            | 07/02-08/19<br>(48) | 101.4              | 15,15            | (3)             |
| W797, W798 | East            | 07/02-07/27<br>(25) | 92.0               |                  | (1)             |
| W799, W800 | East            | 06/25-08/02<br>(38) | 95.5               | 14,14            | (3)             |
| W801, W802 | East            | 07/03-08/13<br>(41) | 98.7               | 11,28            | (3)             |
| W803, W804 | East            | 07/03-09/07<br>(66) | 91.5               | 15               | (2)             |

| Tag No.          | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| W805, W806       | East            | 07/04-08/17<br>(44) | 93.0               | 16,28            | (3)             |
| W807, W808       | East            | 07/05-07/05         | 97.5               |                  | (1)             |
| W810, W812       | East            | 07/10-08/25<br>(46) | 99.7               | 16,14,16         | (4)             |
| W811, W813       | East            | 06/08-08/24<br>(77) | 96.2               |                  | (0)             |
| W814, W815       | East            | 07/01-08/02<br>(32) | 96.6               |                  | (1)             |
| W816, W817       | East            | 07/12-09/10<br>(60) | 95.7               | 25,23            | (3)             |
| W818, W819       | East            | 07/13-08/28<br>(46) | 97.9               | 16,14            | (3)             |
| W820, W821       | East            | 07/14-07/14         | 100.5              |                  | (1)             |
| W823, W824       | East            | 07/18-09/03<br>(47) | 100.8              | 18,27            | (3)             |
| W825, W826       | East            | 07/19-07/19         | 95.0               |                  | (1)             |
| W831, W834       | East            | 07/29-08/02<br>(4)  | 102.4              |                  | (0)             |
| W832, W833       | East            | 07/25-07/26<br>(1)  | 99.1               |                  | (0)             |
| W835, W836, W837 | East            | 08/03-08/24<br>(21) | 103.0              |                  | (1)             |
| W838, W839       | East            | 08/13-09/07<br>(25) | 104.5              | 12               | (2)             |
| W840, W841       | East            | 08/16-09/02<br>(17) | 98.3               |                  | (1)             |

| Tag No.          | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| W842, W843       | East            | 08/16-08/31<br>(15) | 95.9               |                  | (1)             |
| W844, W951, W952 | East            | 08/12-09/15<br>(34) | 91.6               |                  | (1)             |
| W845, W846       | East            | 08/19-08/19         | 98.9               |                  | (1)             |
| W848, W849       | East            | 09/09-09/09         | 85.9               |                  | (0)             |

Nesting Activities During The 1991 Nesting Season

National Marine Fisheries Service  
 2570 Dole Street  
 Honolulu Hawaii 96822-22396

| Tag No.            | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|--------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| 10038, 10042       | East            | 05/10-07/17<br>(68) | 104.2              | 13,13            | (3)             |
| 10072, A285, A286  | East            | 06/11-08/18<br>(68) | 95.5               | 26               | (2)             |
| 10080, 10081, A307 | East            | 05/11-07/04<br>(54) | 99.3               | 26               | (2)             |
| 10083, 10084       | East            | 05/20-08/16<br>(88) | 105.5              | 27               | (2)             |
| 10093, 5204, A222  | East            | 05/17-07/27<br>(71) | 101.2              | 23               | (2)             |
| 10124, 9324        | East            | 05/26-08/01<br>(67) | 98.3               | 12               | (2)             |
| 10161, 10171, A304 | East            | 05/24-07/30<br>(67) | 105.5              | 28,12            | (3)             |
| 10187, A242        | East            | 05/27-08/04<br>(69) | 95.5               | 14,37            | (3)             |
| 10188, A273        | East            | 06/08-08/14<br>(67) | 94.5               | 13,26            | (3)             |
| 10198, A257        | East            | 05/20-07/26<br>(67) | 94.9               | 12               | (2)             |
| 10203, 10626, A246 | East            | 05/31-08/21<br>(82) | 96.7               | 29,23            | (3)             |

| Tag No.                     | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|-----------------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| 10223, 10229, A279          | East            | 06/10-08/21<br>(72) | 93.2               | 57               | (2)             |
| 10246, A289, A408           | East            | 06/14-08/17<br>(64) | 103.5              |                  | (0)             |
| 10248, A280, A379           | East            | 06/11-08/29<br>(79) | 101.0              |                  | (1)             |
| 10357, 1035?, W887          | East            | 06/29-08/23<br>(55) | 97.5               | 13               | (2)             |
| 10517, 10518, A210,<br>A344 | East            | 05/04-06/29<br>(56) | 89.0               | 26,24            | (3)             |
| 10547, A377                 | East            | 07/20-08/26<br>(37) | 101.4              | 12,12,12         | (4)             |
| 10549, A216                 | East            | 05/13-07/19<br>(67) | 104.3              | 13,12,13,<br>13  | (5)             |
| 10561, 10562, A351          | East            | 06/01-08/13<br>(73) | 97.6               | 32,12,28         | (4)             |
| 10574, A359                 | East            | 07/08-08/25<br>(48) | 96.9               | 23               | (2)             |
| 10628, 10629, A365,<br>A366 | East            | 06/05-08/09<br>(65) | 94.8               | 15               | (2)             |
| 2235, 2237, 3145,<br>5305   | East            | 05/22-08/05<br>(75) | 97.3               | 41               | (2)             |
| 2652, 3772                  | East            | 05/09-07/26<br>(78) | 94.0               | 13,50            | (3)             |
| 3140, 5230, A211            | East            | 05/08-07/30<br>(83) | 97.3               | 19               | (2)             |
| 3151, 3158, 6163            | East            | 05/14-07/22<br>(69) | 99.4               | 27               | (2)             |
| 3228, 5409, A292            | East            | 06/19-08/19<br>(61) | 99.2               |                  | (1)             |

| Tag No.                   | Island Observed | Period Observed      | Curved Length (cm) | Nesting Interval   | No. of Clutches |
|---------------------------|-----------------|----------------------|--------------------|--------------------|-----------------|
| 3374, 3375                | East            | 05/07-07/07<br>(61)  | 94.3               |                    | (1)             |
| 3400, 3401                | East            | 05/11-05/29<br>(18)  | 96.5               |                    | (1)             |
| 3581, 3583                | East            | 05/16-06/26<br>(41)  | 97.4               | 25,11,3            | (4)             |
| 3721, A228                | East            | 05/23-08/06<br>(75)  | 106.5              | 13,50,12           | (4)             |
| 5221, A226, A390          | East            | 05/19-08/04<br>(77)  | 100.4              |                    | (0)             |
| 5300, 9367                | East            | 05/10-07/15<br>(66)  | 97.5               | 12,13,12,<br>14,12 | (6)             |
| 5324, A221, A346          | East            | 05/18-07/25<br>(68)  | 97.0               | 43,12,13           | (4)             |
| 5340, A223, W76           | East            | 05/17-08/02<br>(77)  | 105.4              | 12,12,13           | (4)             |
| 5308, 5368, 7181,<br>A347 | East            | 05/23-08/28<br>(97)  | 108.6              | 27,23,11,<br>11    | (5)             |
| 5428, 8164, A227          | East            | 05/20-07/26<br>(67)  | 100.6              | 14,26,12           | (4)             |
| 5999, 6131                | East            | 05/20-07/07<br>(48)  | 98.7               | 25,23              | (3)             |
| 6040, 6139                | East            | 05/28-07/29<br>(62)  | 102.5              | 12,11              | (3)             |
| 6094, A358                | East            | 07/06-08/15<br>(40)  | 99.2               | 12                 | (2)             |
| 6128, 6143, 6144          | East            | 06/01-07/30<br>(59)  | 92.8               | 10                 | (2)             |
| 6183, 6192                | East            | 05/08-08/17<br>(101) | 98.6               | 28,15,12,<br>12,33 | (6)             |

| Tag No.                         | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval   | No. of Clutches |
|---------------------------------|-----------------|---------------------|--------------------|--------------------|-----------------|
| 6580, 6581                      | East            | 06/03-07/29<br>(56) | 103.5              | 41,14              | (3)             |
| 8176, 8177                      | East            | 05/10-08/09<br>(91) | 101.4              | 13,14,24,<br>12,12 | (6)             |
| 9262, 9263                      | East            | 05/16-07/17<br>(62) | 94.5               | 14,12,11,<br>11,13 | (6)             |
| 9277, 9342                      | East            | 05/19-07/23<br>(65) | 94.5               |                    | (1)             |
| 9326, A276                      | East            | 06/09-08/17<br>(69) | 96.2               |                    | (1)             |
| 9391, 9392, A350,<br>A401       | East            | 06/18-08/24<br>(67) | 105.7              | 51                 | (2)             |
| 9542, 9543                      | East            | 06/20-07/31<br>(41) | 96.5               | 14,15              | (3)             |
| 9996, A295                      | East            | 06/20-08/10<br>(51) | 100.8              | 14,12              | (3)             |
| A208, A209                      | East            | 05/04-06/22<br>(49) | 92.2               |                    | (1)             |
| A212, A213, A352                | East            | 05/09-07/17<br>(69) | 101.6              | 13                 | (2)             |
| A214, A215                      | East            | 05/11-07/16<br>(66) | 91.5               | 13,13,24           | (4)             |
| A217, A218, A305,<br>A356, A357 | East            | 05/14-07/29<br>(76) | 93.8               | 24,24              | (3)             |
| A219, A220                      | East            | 05/15-07/08<br>(54) | 95.6               | 26,12              | (3)             |
| A224, A225                      | East            | 05/19-07/08<br>(50) | 101.5              | 12,13              | (3)             |
| A230, A232                      | East            | 05/23-05/23         | 101.0              |                    | (0)             |

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval   | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|--------------------|-----------------|
| A231, A239                | East            | 05/23-07/22<br>(60) | 96.0               |                    | (1)             |
| A233, A234                | East            | 05/24-07/30<br>(67) | 103.5              | 28,11,12           | (4)             |
| A235, A236                | East            | 05/23-05/26<br>(3)  | 106.1              |                    | (0)             |
| A237, A238                | East            | 05/26-08/16<br>(82) | 96.8               | 14,13,24,<br>13,13 | (6)             |
| A240, A241                | East            | 05/26-08/01<br>(67) | 102.5              | 13,25              | (3)             |
| A244, A245                | East            | 05/27-06/15<br>(19) | 102.0              |                    | (0)             |
| A248, A345, A368          | East            | 05/31-07/27<br>(57) | 93.5               | 16,41              | (3)             |
| A249, A252                | East            | 05/28-08/23<br>(87) | 96.7               | 37                 | (2)             |
| A253, A254                | East            | 06/02-08/17<br>(76) | 97.3               | 19,14,15           | (4)             |
| A255, A256                | East            | 05/30-08/20<br>(82) | 99.2               | 40                 | (2)             |
| A258, A260, A391          | East            | 06/03-08/08<br>(66) | 105.0              |                    | (1)             |
| A261, A263                | East            | 06/03-06/03         | 97.6               |                    | (0)             |
| A264, A265, A383,<br>A419 | East            | 06/04-08/25<br>(82) | 108.5              | 30                 | (2)             |
| A266, A267                | East            | 06/05-08/01<br>(57) | 98.0               | 30                 | (2)             |
| A268, A269                | East            | 06/06-08/18<br>(73) | 102.0              |                    | (0)             |

| Tag No.                         | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|---------------------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| A271, A272                      | East            | 06/07-08/23<br>(77) | 100.0              | 11,34            | (3)             |
| A274, A275, A323,<br>A324       | East            | 06/08-08/02<br>(55) | 98.4               | 13,13            | (3)             |
| A277, A278, A374,<br>A375       | East            | 06/10-08/22<br>(73) | 97.6               |                  | (1)             |
| A281, A284, A334,<br>A335       | East            | 06/11-08/04<br>(54) | 100.8              |                  | (1)             |
| A287, A288, A341                | East            | 06/12-08/30<br>(79) | 101.0              | 77               | (2)             |
| A290, A291                      | East            | 06/16-07/25<br>(39) | 105.4              |                  | (1)             |
| A293, A294                      | East            | 06/19-08/23<br>(65) | 97.5               | 14,23,12         | (4)             |
| A297, A298                      | East            | 06/20-06/20         | 0.0                |                  | (0)             |
| A299, A301                      | East            | 06/22-08/26<br>(65) | 100.5              | 13,12            | (3)             |
| A302, A303                      | East            | 06/22-08/23<br>(62) | 95.0               |                  | (0)             |
| A308, A317, A318,<br>A319, A364 | East            | 06/23-08/19<br>(57) | 99.3               | 15,40            | (3)             |
| A309, A310                      | East            | 06/23-06/24<br>(1)  | 92.0               |                  | (0)             |
| A313, A314, A376                | East            | 06/23-07/17<br>(24) | 95.8               | 24               | (2)             |
| A315, A316                      | East            | 05/15-07/19<br>(65) | 100.5              | 27,12            | (3)             |
| A320, A321, A322                | East            | 06/24-07/20<br>(26) | 86.9               | 26               | (2)             |

| Tag No.                   | Island Observed | Period Observed     | Curved Length (cm) | Nesting Interval | No. of Clutches |
|---------------------------|-----------------|---------------------|--------------------|------------------|-----------------|
| A326, A327, A328          | East            | 06/24-08/04<br>(41) | 98.5               | 41               | (2)             |
| A329, A330                | East            | 06/25-08/20<br>(56) | 111.1              | 13,13            | (3)             |
| A331, A340                | East            | 06/25-08/12<br>(48) | 100.5              |                  | (1)             |
| A336, A337                | East            | 05/22-08/04<br>(74) | 96.8               | 11,15,13         | (4)             |
| A338, A339, A417,<br>A418 | East            | 06/26-08/30<br>(65) | 92.0               |                  | (0)             |
| A342, A343, A384,<br>A385 | East            | 06/28-08/10<br>(43) | 93.0               |                  | (1)             |
| A348, A349                | East            | 07/03-08/26<br>(54) | 105.8              | 39,12            | (3)             |
| A353, A354                | East            | 07/05-08/14<br>(40) | 93.8               |                  | (0)             |
| A362, A409                | East            | 07/09-08/20<br>(42) | 101.1              | 12               | (2)             |
| A369, A370                | East            | 07/13-08/11<br>(29) | 96.8               | 28               | (2)             |
| A371, A373                | East            | 06/10-08/10<br>(61) | 91.4               | 12               | (2)             |
| A380, A382                | East            | 07/25-07/25         | 93.8               |                  | (0)             |
| A388, A389                | East            | 07/30-08/13<br>(14) | 94.2               | 14               | (2)             |
| A392, A393                | East            | 08/05-08/19<br>(14) | 100.4              |                  | (0)             |
| A395, A396, A412,<br>A413 | East            | 08/11-08/22<br>(11) | 99.5               |                  | (1)             |

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| Tag No.          | Island<br>Observed | Period<br>Observed  | Curved<br>Length (cm) | Nesting<br>Interval | No. of<br>Clutches |
|------------------|--------------------|---------------------|-----------------------|---------------------|--------------------|
| A397, A405       | East               | 08/11-08/29<br>(18) | 100.9                 |                     | (1)                |
| A399, A400, A404 | East               | 08/11-08/12<br>(1)  | 97.3                  |                     | (0)                |
| A406, A407       | East               | 08/15-08/18<br>(3)  | 94.3                  |                     | (1)                |
| A414, A415       | East               | 07/06-08/23<br>(48) | 96.0                  |                     | (1)                |
| U-91-001         | East               | 06/08-06/08         | 0.0                   |                     | (0)                |
| W876, W877       | East               | 08/11-08/24<br>(13) | 100.8                 |                     | (1)                |

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Record# ISLAND DATE MOTOTID91 TAGNO TAGPOS NEW\_OLD CARAPACE TUMORSZ TUMORPOS

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|        |      |          |     |           |   |       |     |       |
|--------|------|----------|-----|-----------|---|-------|-----|-------|
| 1      | EAST | 05/25/91 | 15L | A235 LFL  | N |       | 1,2 | E1,F2 |
| 2      | EAST | 05/25/91 | 15L | A236 R12  | N |       |     |       |
| 3      | EAST | 05/04/91 | L30 | 10517 L34 | O | 89.0  | 0   | 0     |
| 4      | EAST | 05/04/91 | L30 | 10518 RFL | O |       |     |       |
| 5      | EAST | 05/04/91 | L30 | A210 LFL  | N |       |     |       |
| 6      | EAST | 05/04/91 | L31 | A208 LFL  | N | 92.2  | 0   | 0     |
| 7      | EAST | 05/04/91 | L31 | A209 RFL  | N |       |     |       |
| 8      | EAST | 05/07/91 | L32 | 3374 LFL  | O | 94.3  | 0   | 0     |
| 9      | EAST | 05/07/91 | L32 | 3375 RFL  | O |       |     |       |
| 10     | EAST | 05/08/91 | L33 | 6183 RFL  | O | 98.6  | 0   | 0     |
| 11     | EAST | 05/08/91 | L33 | 6192 LFL  | O |       |     |       |
| 12     | EAST | 05/08/91 | L34 | 3140 LFL  | O | 97.3  | 0   | 0     |
| 13     | EAST | 05/08/91 | L34 | 5230 L3   | O |       |     |       |
| 14     | EAST | 05/08/91 | L34 | A211 RFL  | N |       |     |       |
| 15     | EAST | 05/09/91 | L35 | A212 LFL  | N | 101.6 | 0   | 0     |
| 16     | EAST | 05/09/91 | L35 | A213 RFL  | N |       |     |       |
| 17     | EAST | 05/09/91 | L36 | 3772 LFL  | O | 94.0  | 0   | 0     |
| 18     | EAST | 05/09/91 | L36 | 2652 RFL  | O |       |     |       |
| 19     | EAST | 05/10/91 | L37 | 9367 RFL  | O | 97.5  | 0   | 0     |
| NCHED. |      |          |     |           |   |       |     |       |
| 20     | EAST | 05/10/91 | L37 | 5300 LFL  | O |       |     |       |
| 21     | EAST | 05/10/91 | L38 | 10042 RFL | O | 104.2 | 0   | 0     |
| 22     | EAST | 05/10/91 | L38 | 10038 LFL | O |       |     |       |
| 23     | EAST | 05/10/91 | L39 | 8176 LFL  | O | 101.4 | 0   | 0     |
| 24     | EAST | 05/10/91 | L39 | 8177 RFL  | O |       |     |       |
| 25     | EAST | 05/11/91 | L40 | 3401 LFL  | O | 96.5  | 0   | 0     |
| 26     | EAST | 05/11/91 | L40 | 3400 RFL  | O |       |     |       |
| 27     | EAST | 05/11/91 | L41 | A214 RFL  | N | 91.5  | 1,1 | NI,NI |
| 28     | EAST | 05/11/91 | L41 | A215 LFL  | N |       |     |       |
| 29     | EAST | 05/11/91 | L42 | 10081 LFL | O | 99.3  | 0   | 0     |
|        |      | 5/11/91  |     | 10080     |   |       |     |       |

RECEIVED 6/21/91

SEX\_OR\_AGE ACTIVITY COMMENTS

F N E1 BEHIND EYE NOT IN OR COVERING IT.

F N

F N SMALL WOUND ON PROXIMAL PART OF RIGHT FRONT FLIPPER.

F N

ANOTHER TAG IN POSITION R34, THOUGH NOT READ.

F N TWO BARNACLES ON LOW RIGHT LATERAL CARAPACE.

F N 1/4 TIPS OF BOTH HIND FLIPPERS MISSING

TAG ACTUALLY PIERCES SCALE NO. 3.

F N FOLLOWING BEING TAGGED, SHE MOVED FOR THE WATER.

F N

ANOTHER TAG PIERCED UPSIDE DOWN THROUGH R2.

F N VERY POSTERIOR CENTRAL (MEDIAN) SCUTE HAS BEEN CRUSHED/MU

F N

F N

F N

F N

F N

|  |      |          |     |           |   |       |      |             |  |
|--|------|----------|-----|-----------|---|-------|------|-------------|--|
| 64                                     | EAST | 05/20/91 | L57 | 5428 RFL  | 0 | 100.6 | 0    | 0           |  |
| 65                                     | EAST | 05/22/91 | L57 | A227 L12  | N |       |      |             |  |
| 131                                    | EAST | 06/05/91 | L57 | 8164 LFL  | 0 |       |      |             |  |
| 66                                     | EAST | 05/20/91 | L58 |           |   |       |      |             |  |
| 67                                     | EAST | 06/03/91 | L58 | 10198 L12 | 0 | 94.9  | 1111 | N3,F2,F2,F3 |  |
| LOMAS TUMORS. TOOK PHOTOS SENT TO G.B. |      |          |     |           |   |       |      |             |  |
| 68                                     | EAST | 06/03/91 | L58 | A257 RFL  | N |       |      |             |  |
| 69                                     | EAST | 05/20/91 | L59 | 6131 LFL  | 0 | 98.7  | 0    | 0           |  |
| 70                                     | EAST | 05/20/91 | L59 | 7 999 RFL | 0 |       |      |             |  |
| 71                                     | EAST | 06/02/91 | L59 | 5999 RFL  | 0 |       |      |             |  |
| 72                                     | EAST | 05/22/91 | L60 | A255 LFL  |   | 96.8  |      |             |  |
| 73                                     | EAST | 05/22/91 | L61 | 2235 LFL  | 0 | 97.3  | 0    | 0           |  |
| 74                                     | EAST | 05/22/91 | L61 | 2237 RFL  | 0 |       |      |             |  |
| 75                                     | EAST | 05/22/91 | L61 | 3145 R34  | 0 |       |      |             |  |
| 76                                     | EAST | 05/23/91 | L62 | 3721 LFL  | 0 | 106.5 | 0    | 0           |  |
| 77                                     | EAST | 05/23/91 | L62 | A228 R34  | N |       |      |             |  |
| 78                                     | EAST | 05/23/91 | L63 | 5308 LFL  | 0 | 108.6 | 2    | T3          |  |
| 79                                     | EAST | 05/23/91 | L63 | 7181 RFL  | 0 |       |      |             |  |
| 80                                     | EAST | 05/23/91 | L64 | A231 LFL  | N | 96.0  | 0    | 0           |  |
| 81                                     | EAST | 05/26/91 | L64 | A239 RFL  | N |       |      |             |  |
| 82                                     | EAST | 05/23/91 | L65 | A230 RFL  | N | 101.0 | 0    | 0           |  |
| 83                                     | EAST | 05/23/91 | L65 | A232 LFL  | N |       |      |             |  |
| 84                                     | EAST | 05/24/91 | L66 | 10161 LFL | 0 | 105.5 | 0    | 0           |  |
| 85                                     | EAST | 05/24/91 | L66 | 10171 RFL | 0 |       |      |             |  |
| 86                                     | EAST | 05/26/91 | L67 | 9324 RFL  | 0 | 98.3  | 0    | 0           |  |
| WITH CALCIUM CARBONATE.                |      |          |     |           |   |       |      |             |  |
| 87                                     | EAST | 05/26/91 | L67 | 10124 L23 | 0 |       |      |             |  |
| 88                                     | EAST | 05/26/91 | L68 | A237 LFL  | N | 96.8  | 0    | 0           |  |
| 89                                     | EAST | 05/26/91 | L68 | A238 RFL  | N |       |      |             |  |
| 90                                     | EAST | 05/26/91 | L69 | A240 RFL  | N | 102.5 | 0    | 0           |  |
| 91                                     | EAST | 05/26/91 | L69 | A241 LFL  | N |       |      |             |  |
| 92                                     | EAST | 05/24/91 | L70 | A233 LFL  | N | 103.5 | 0    | 0           |  |
| BEFORE. LOOKS LIKE AN ABNORMALITY.     |      |          |     |           |   |       |      |             |  |
| 93                                     | EAST | 05/24/91 | L70 | A234 RFL  | N |       |      |             |  |
| 94                                     | EAST | 05/27/91 | L71 | A242 LFL  | N | 95.0  | 0    | 0           |  |
|  |      | 5/27/91  |     | 10187     |   |       |      |             |  |

N

N

1/4 TIP OF R. FRONT FLIP. MISSING. DO NOT LOOK LIKE PAPI

N

N

A COUPLE OF BARNACLES ON CARAPACE. MISSING, ALSO HAS CUTS I

N

N

LOST TAG NO. A227 IN UNSUCCESSFUL ATTEMPT TO TAG RFL.

N

N

N

N

N

TWO TAGS PRESENT (RIGHT AND LEFT FLIPPERS), EACH ENCRUSTE

N

N

N

HAS < 3CM. GROWTH ON NECK BUT DOES NOT LOOK LIKE ANY SEEN

N

|                                |                                  |          |          |           |           |       |       |       |          |
|--------------------------------|----------------------------------|----------|----------|-----------|-----------|-------|-------|-------|----------|
| 95                             | EAST                             | 05/27/91 | L71      | 10187 R54 |           |       |       |       |          |
| 96                             | EAST                             | 05/27/91 | L72      | A244 LFL  | N         | 102.0 | 0     | 0     |          |
| 97                             | EAST                             | 05/27/91 | L72      | A245 RFL  | N         |       |       |       |          |
| 98                             | EAST                             | 05/28/91 | L73      | 6139 LFL  | O         | 102.5 | 0     | 0     |          |
| M MARGIN                       | 99                               | EAST     | 05/28/91 | L73       | 6040 RFL  | O     |       |       |          |
|                                | 100                              | EAST     | 05/28/91 | L73       | ? R1      | O     |       |       |          |
|                                | 101                              | EAST     | 05/28/91 | L74       |           |       | 96.7  | 0     | 0        |
|                                | 102                              | EAST     | 06/01/91 | L74       | A249 LFL  | N     |       |       |          |
|                                | 103                              | EAST     | 06/01/91 | L74       | A252 R12  | N     |       |       |          |
| RED TAG                        | AND APPLIED TAG IN SAME LOCATION |          |          |           |           |       |       |       |          |
|                                | 104                              | EAST     | 05/30/91 | L75       |           |       | 99.2  | 0     | 0        |
| N REMAINING PORTION OF FLIPPER | 105                              | EAST     | 06/02/91 | L75       | A255 LFL  | N     |       |       |          |
|                                | 106                              | EAST     | 06/02/91 | L75       | A256 RFL  | N     |       |       |          |
|                                | 107                              | EAST     | 05/31/91 | L76       | 10203 RFL | O     | 96.7  | 0     | 0        |
|                                | 108                              | EAST     | 05/31/91 | L76       | 10626 L34 | O     |       |       |          |
|                                | 109                              | EAST     | 05/31/91 | L76       | A246 LFL  | N     |       |       |          |
|                                | 110                              | EAST     | 05/31/91 | L77       | A247 LFL  | N     | 93.5  | 0     | 0        |
| CLUSTERS OF 3 OR 4.            | 111                              | EAST     | 05/31/91 | L77       | A248 RFL  | N     |       |       |          |
|                                | 112                              | EAST     | 06/01/91 | L78       | 6144 L2   | O     | 92.8  | 0     | 0        |
|                                | 113                              | EAST     | 06/01/91 | L78       | 6128 R2   | O     |       |       |          |
|                                | 114                              | EAST     | 06/01/91 | L78       | 6143 RFL  | O     |       |       |          |
|                                | 115                              | EAST     | 06/01/91 | L79       | 10561 LFL | O     | 97.6  | 1,1,1 | E2,E2,E1 |
| 2 RFL IS THROUGH.              | 116                              | EAST     | 06/01/91 | L79       | 10562 RFL | O     |       |       |          |
|                                | 117                              | EAST     | 06/02/91 | L80       | A253 LFL  | N     | 97.3  | 0     | 0        |
|                                | 118                              | EAST     | 06/02/91 | L80       | A254 RFL  | N     |       |       |          |
|                                | 119                              | EAST     | 06/03/91 | L81       | 6580 LFL  | O     | 103.5 | 0     | 0        |
| OF THE FLIPPER.                | 126                              | EAST     | 06/04/91 | L81       | 6581 RFL  | O     |       |       |          |
|                                | 120                              | EAST     | 06/03/91 | L82       | A258 RFL  | N     | 105.0 | 0     | 0        |
|                                | 121                              | EAST     | 06/03/91 | L82       | A260 L12  | N     |       |       |          |
|                                | 122                              | EAST     | 06/03/91 | L83       | A261 RFL  | N     | 97.6  | 0     | 0        |
| RECOVERED.                     | 123                              | EAST     | 06/03/91 | L83       | A263 L12  | N     |       |       |          |
|                                | 124                              | EAST     | 06/04/91 | L84       | A264 LFL  | N     | 108.5 | 0     | 0        |
|                                | 125                              | EAST     | 06/04/91 | L84       | A265 RFL  | N     |       |       |          |
|                                | 127                              | EAST     | 06/05/91 | L85       | A266 LFL  | N     | 98.0  | 0     | 0        |

N

1/4 OF RIGHT HIND FLIPPER MISSING.

N

R AND L POSTERIOR LATERAL SCUTES CRACKED FREE ALONG MEDIA

UPSIDE DOWN TAG, UNABLE TO READ TAG NUMBER.

N

A250 RIPPED OUT OF RFL. A251 MISAPPLIED TO R12 BUT RECOV

N

1/4 TIP OF RIGHT HIND FLIPPER IS MISSING, ALSO HAS CUTS I

N

TAG IS SPINNING ROUND, AND COLLISION CHAS FOLLOWS.

N

COUNTED 21 BARNACLES ON CARAPACE, MOSTLY ON RIGHT SIDE IN

N

12 BARNACLES SCATTERED ABOUT CARAPACE.

N

SIZE 2 GROWTH HANGING IN SACK LIKE POUCH OF SKIN THAT 105

N

N

1/4 OF F8 IS MISSING, BUT HEALED. SOME CUTS IN THE REST

N

TAG NO. A259 RIPPED OUT OF LFL. TAG RECOVERED.

N

TAG NO. A262 PIERCED HOLE IN LFL, BUT DID NOT CLOSE. TAG

N

N

\*SSUE.

|         |                         |          |     |           |   |       |   |    |
|---------|-------------------------|----------|-----|-----------|---|-------|---|----|
| 128     | EAST                    | 06/05/91 | L85 | A207 RFL  | N |       |   |    |
| 129     | EAST                    | 06/05/91 | L86 | 10628 RFL | O | 94.8  | 0 | 0  |
| 130     | EAST                    | 06/05/91 | L86 | 10629 LFL | O |       |   |    |
| 132     | EAST                    | 06/06/91 | L87 | A268 RFL  | N | 102.0 | 0 | 0  |
| 133     | EAST                    | 06/06/91 | L87 | A269 LFL  | N |       |   |    |
| 134     | EAST                    | 06/07/91 | L88 | A271 R34  | N | 100.0 | 0 | 0  |
| AND RFL | BOTH HAVE OLD RIP CUTS. |          |     |           |   |       |   |    |
| 135     | EAST                    | 06/07/91 | L88 | A272 L12  | N |       |   |    |
| 136     | EAST                    | 06/08/91 | L89 | 10188 LFL | O | 94.5  | 2 | E1 |
| 137     | EAST                    | 06/08/91 | L89 | A273 RFL  | N |       |   |    |
| 138     | EAST                    | 06/08/91 | L90 | A274 LFL  | N | 98.4  | 0 | 0  |
| 139     | EAST                    | 06/08/91 | L90 | A275 RFL  | N |       |   |    |
| 140     | EAST                    | 06/08/91 | L91 |           |   |       |   |    |
| 141     | EAST                    | 06/09/91 | L92 | 9326 LFL  | O | 96.2  | 0 | 0  |
| 142     | EAST                    | 06/09/91 | L92 | RFL       | O |       |   |    |
| 143     | EAST                    | 06/09/91 | L92 | A276 R34  | N |       |   |    |
| 144     | EAST                    | 06/10/91 | L93 |           |   |       |   |    |
| 145     | EAST                    | 06/10/91 | L94 | A277 LFL  | N | 97.6  | 0 | 0  |
| 146     | EAST                    | 06/10/91 | L94 | A278 RFL  | N |       |   |    |

OLDER TISSUE, NOT RAISED, CREME-PINK, FRESH.

N

1/4 OF RIGHT HIND FLIPPER MISSING.

N

N

LOST TAG NO. A270 IN ATTEMPT TO APPLY AT L34; TORE. LFL

N

N

N

N

MUCH OF CARAPACE IS LIGHTLY FOULED WITH CALCIUM CARBONATE

TAG IS UPSIDE DOWN, AND CALCIUM CARB. FOULED.

BOTH OLD TAGS HAD CALCIUM CARB. BUILDUP.

N

N

STRANGE COLORED/TEXTURED ABRASION-LIKE WOUND ON RIGHT SHO

February 5, 1991

To: Tern Island Files

From: Tern island Staff *KRM*

Proposed 1991 Green Turtle Research  
East Island, French Frigate Shoals

Following is a quick review of upcoming 1991 turtle research activities at East Island. These activities are based upon the objectives presented by George Balazs and Jerry Wetherall (both of the National Marine Fisheries Service) during a 9 January 1991 meeting between NMFS and FWS personnel. The following objectives have been condensed to include only those factors affecting activities at FFS.

Objectives For East Island Research:

1. Conduct complete season monitoring of East Island nesting activity. Late April or Early May through 15 September if possible.
2. Conduct more extensive fibropapilloma tumor exams on all of nesting females and basking turtles of both sexes at FFS.
3. Assess impacts of fibropapillomas on reproductive output.

Methods:

Following is a brief review of methods that we will be using this summer and questions about methodologies we are unsure of.

Objective 1. We will use the same methods as last year. Two researchers will rotate (4 nights on 4 nights off East Island) throughout the season. Tagging, temporary identification, and data collection and recording methods will remain the same as last year. Glynnis Nakai is developing a "Standard Operating Procedure" for East Island turtle research and camp operation that we should have soon.

Objective 2. Methods and training for fibropapilloma tumor detection should probably be upgraded. I am attaching a copy of the Codes for tumor size and tumor positions as were used last year. Maybe George Balazs would like to refine these to ensure that we get the kind of information he wants. I also recommend the 1991 turtle researchers be shown by Balazs the proper way to make a good exam for tumors before they come out to FFS. Guidelines on what should be done to examine basking males would also be appreciated.

Objective 3. I have ordered enough 2x2s five feet long to mark 60 nests on East Island so that we can compare hatching success and clutch size between tumor-afflicted and tumor-free females. Should 20 nests each from heavily tumor-afflicted, moderately afflicted, and tumor-free females be our goal or would another sampling scheme be more preferable? Should we try to mark nests only during June and July, the peak nesting time, to avoid any complicating factors such as difference in hatching success and clutch size variables between nests early in the season, mid season, and late in the season? We will not be able to get incubation lengths from these nests because most will probably hatch after the turtle camp closes for the season. We will have to go to East Island periodically to check the marked nests. We will have lay dates so we will generally know when to expect nests to hatch but the 53 to 97 day incubation period does not exactly pinpoint expected hatching time.

#### Personnel:

As mentioned before, two researchers will be needed to do the East Island work. Preferably, we would like to have both at FFS from the beginning of the season (late April) to the end (15 September). However, permanent Tern Island staff can fill in at the beginning or end of the season for a few rotations if both researchers cannot be scheduled for the entire season. It is essential to have at least one on hand to attempt to start the camp or to continue the camp as we near the end of the season.

#### Equipment:

We have all necessary field camp equipment at Tern Island for this season (tent, refrigerator, propane, fencing, etc.). Food will be integrated with standard Tern Island orders. We will need tags and applicators.

#### Comments:

If we can get out 1991 turtle researchers to meet with George Balazs to go over tumor examination it would also be beneficial to have George to show them tagging and temporary identification techniques. If transportation is available, George might like to come out to FFS and do some on sight training.

Proposed 1991 Turtle Research  
Tern Island, French Frigate Shoals

Objectives:

1. Monitor nesting and hatchling emergence phenologies.
2. Continue hatching success analysis on Tern Island nests.
3. Tag and identify any nesting females encountered.

The 1991 Tern Island turtle research methods will be the same as in 1990. These methods are described in the accompanying 1990 "Summary of green turtle studies at Tern Island".

(continued)

## Island Codes For The Hawaiian Archipelago

| Island                | TDPS               |              | NMFS<br>Code |
|-----------------------|--------------------|--------------|--------------|
|                       | Data Entry<br>Code | TDPS<br>Code |              |
| Shark                 | SHAR               | 1082190      | ---          |
| Gardner Pinnacles     | GARD               | 1091100      | 1091100      |
| Maro Reef             | MARO               | 1111100      | 1111100      |
| Laysan Island         | LAYS               | 1121100      | 1121100      |
| Lisianski Island      | LISI               | 1142100      | 1142100      |
| Pearl and Hermes Reef | PEAR               | 1171100      | 1171100      |
| Midway Islands        | MIDW               | 1211100      | 1211100      |
| Kure Island           | KURE               | 1231100      | 1231100      |

## Species Codes

| Common<br>Name      | Scientific<br>Name     | TDPS               |              | NMFS<br>Code |
|---------------------|------------------------|--------------------|--------------|--------------|
|                     |                        | Data Entry<br>Code | TDPS<br>Code |              |
| Turtles             | Chelonia               | UN (unknown)       | UN           | 8621000000   |
| Green Turtle        | Chelonia mydas         | CM                 | CM           | 8621110101   |
| Hawksbill Turtle    | Eretmochelys imbricata | EI                 | EI           | 8621110201   |
| Loggerhead Turtle   | Caretta caretta        | CC                 | CC           | 8621110301   |
| Olive Ridley Turtle | Lepidochelys olivacea  | LO                 | LO           | ---          |
| Leatherback Turtle  | Dermochelys coriacea   | DC                 | DC           | 8621160101   |

## Size Codes for Tumors

| Tumor<br>Size | TDPS               |              |
|---------------|--------------------|--------------|
|               | Data Entry<br>Code | TDPS<br>Code |
| Small         | 1                  | 1            |
| Medium        | 2                  | 2            |
| Large         | 3                  | 3            |

## Tumor Position Codes

| Tumor<br>Position               | TDPS               |              |
|---------------------------------|--------------------|--------------|
|                                 | Data Entry<br>Code | TDPS<br>Code |
| Left jaw                        | J1                 | J1           |
| Right jaw                       | J2                 | J2           |
| Left eye                        | E1                 | E1           |
| Right eye                       | E2                 | E2           |
| Left dorsal of neck             | N1                 | N1           |
| Left ventral of neck            | N2                 | N2           |
| Right dorsal of neck            | N3                 | N3           |
| Right ventral of neck           | N4                 | N4           |
| Left distal of front flipper    | F1                 | F1           |
| Left proximal of front flipper  | F2                 | F2           |
| Right proximal of front flipper | F3                 | F3           |
| Right distal of front flipper   | F4                 | F4           |

Report by

Brian

DOCARE  
HILO

and ERIC  
KAWAMOTO  
DOCARE

Date: 7-1-91 3:00pm  
From: JohnHenderson:Honolulu:NMFS  
To: George Balazs  
Subj: Dead, tagged turtle  
Return receipt: Done

-----  
Took a phone call at 1430 today from John Kahiapo, Big Island DAR. They found today (7/1) a dead turtle in a vacant lot in Puna, apparently dumped there. Indications were turtle was alive when dumped (flipper marks in dirt).

used a  
TAPE MEASURE

Tags: 3358 RFF, 3354 LFF  
Measurements: Length 37", width 34". They measured curved with a plastic ruler...I guess moving the ruler along the shell.  
No tumors

Their DOCARE guys are investigating. Turtle is too big to move so remains in the lot (they removed the tags). I said to try to get caliper measurements sometime soon before the animal was dumped. He said they have a set of calipers.

I told him you'd be in touch with him.

JUST off Shower Drive,  
Miles from  
the ocean.

NO!  
T MRS

HAD TO HAVE  
BEEN PUT  
THERE ALIVE  
By someone.  
NO SIGNS OF  
INJURY.

♀

6/84 EAST-Nesting  
Tem-Basking 6/87  
Tem-Nesting 5/30/89  
PUNA-Dead 7/1/91

-----  
SIGNS of MOVING  
around - dirt on back,  
scrapped soil.

TOTAL=444

DAILY TOTALS  
NESTING GREEN TURTLES  
FRENCH FRIGATE SHOALS, 1991  
1992

Island: East

TOTAL=176

| Date           | # Turtles Up | # New Turtles IDed | # Nests               | Invest.     | Comments  |
|----------------|--------------|--------------------|-----------------------|-------------|---|
| 5/1            | 2            | 2                  | 0                     | RC, CD      | -   |
| 5/2            | 3            | 2                  | 1                     | CD, REC     | -   |
| 5/3            | 3            | 1                  | 1P                    | TC, BL      | Windy 20Kts, cold, Bob forked a lot                                     |
| 5/4            | 0            | 0                  | 0                     | TC, BL      |   |
| 5/5            | 7            | 5                  | 1N, 1M                | TC, BC      | C4 - seen last night - 1989 - still has some paint on it.               |
| 5/6            | 7            | 2                  | 1N, 1M                | TC, BC      |   |
| 5/7            | 9            | 5                  | 2(P)                  | TC          | wind calmed down  |
| 5/8            | 8            | 3                  | 2N                    | TC          | scattered showers   |
| <del>5/9</del> | <del>3</del> | <del>1</del>       | <del>1P</del>         |             |   |
| 5/9            | 3            | 1                  | 1P                    | C.D.        | last walk at 1:30 A.M.  |
| 5/10           | 7            | 2                  | 1N, 1M                | C.D.        | 4-47 tag misapplied   |
| 5/11           | 13           | 6                  | 2N                    | C.D.        | 11-14 found on East, notched on 9am in bed 0100-0430; 0530 till morning |
| 5/12           | 7            | 1                  | 1P                    | TC          | showers heavy all night - A467 A468 misapplied return                   |
| 5/13           | 10           | 5                  | 1P                    | TC          | showers off + on all night  |
| 5/14           | 15           | 6                  | 1P, 1N                | TC, A.W.    | clear all night, full moon  |
| 5/15           | 24           | 13                 | 1N, 2P, 1M            | T.C. + A.W. | Clear, Full moon  |
| 5/16           | 19           | 8                  | 3P                    | A.W.        | No birds after 1:30   |
| 5/17           | 18           | 7                  | 0                     | A.W.        |   |
| 5/18           | 19           | 9                  | 1P, 1M                | A.W.        | clear + cold  |
| 5/19           | 25           | 12                 | 1N, 4P, 2M            | T.C.        |   |
| 5/20           | 24           | 5                  | 2N, 2P                | T.C.        |   |
| 5/21           | 32           | 10                 | 4N <sup>3M</sup> , 4P | T.C.        | Partially cloudy, w/occ showers.  |
| 5/22           | 26           | 10                 | 5N, 1P                | T.C.        |   |
| 5/23           | 37           | 8                  | 3M, 1N                | A.W.        |   |
| 5/24           | 27           | 5                  | 3N, 4P, 2M            | A.W.        | lots of seals w/pups taking over the false pits at night.               |
| 5/25           | 27           | 6                  | 3M, 2P                | A.W.        |   |
| 5/26           | 21           | 4                  | 1N, 2M                | A.W.        | tons of flying lags everywhere.   |
| 5/27           | 36           | 23                 | 5N, 6P <sup>4M</sup>  | TC          | U139 still digging @ 400 hrs!   |
| 5/28           | 22           | 8                  | 2N, 3P, 3M            | TC          | transplanted one nest   |
| 5/29           | 25           | 6                  | 1N, 5P, 2M, 2C        | T.C.        | 1st walk at 2330  |

DAILY TOTALS  
NESTING GREEN TURTLES  
FRENCH FRIGATE SHOALS, 1989 1992

Island: East

TOTAL = 95

| Date | # Turtles Up | # NEW Turtles IDed | # Nests     | Invest. | Comments   |
|------|--------------|--------------------|-------------|---------|--|
| 6/29 | 36           | 2                  | 3N 6PM      | TC      | 600-600 occasional showers<br>3 tumors - 1 laid (nest moved)                                       |
| 6/30 | 42           | 2                  | 3N 2P 9M    | TC      | 5 tumored turtles; showers all night; lightning + thunder; totally nearly dark                     |
| 7/1  | 36           | 3                  | 5N 6P 5M    | TC      | scattered showers occasional light<br>2 tumored turtles  |
| 7/2  | 33           | 1                  | ON 2P 9M    | AW      | 2 tumors, neither laid.  |
| 7/3  | 30           | 1                  | 2P 3M       | AW      | LOTS OF FLIES  |
| 7/4  | 42           | 4                  | 2N, 1P, 2M  | AW      | RAINED OFF & ON HVY SHOWERS<br>BTWN 2 AND 4 AM   |
| 7-5  | 38           | 2                  | 1N, 1P, 4M  | AW      | 2 TUMORED TURTLES, neither laid<br>eggs  |
| 7-6  | 41           | 2                  | 1N 6P, 7M   | TC      | 1 tumored turtle   |
| 7-7  | 37           | 2                  | 3N 2P, 8M   | TC      | 1 tumored turtle maybe laid  |
| 7-8  | 34           | 7                  | 4N, 1P, 1M  | TC      | NO TUMORS!! passing showers all night.<br>WIND 20-25 K   |
| 7-9  | 30           | 4                  | 2N 6P, 3M   | TC      | 1 tumor. Shower after 2400<br>wind 15-20 kts.  |
| 7-10 | 27           | 1                  | 1P 5M       | AW      | RAIN OFF & ON AFTER 2 AM<br>NOON TILL 4 AM/NO TORNADO  |
| 7-11 | 29           | 1                  | 1N, 2P, 8M  | AW      | CLEAR ALL NIGHT  |
| 7-12 | 21           | 0                  | 1N, 2P, 4M  | AW      |  |
| 7-13 | 33           | 5                  | 3N 2P, 8M   | AW      | many shower of 2 AM<br>Full moon   |
| 7/14 | 38           | 4                  | 2N, 3P, 7M  | T.C.    | 3 Tumored turbs, Tonya & Amy left<br>(lots of light showers) today book book                       |
| 7/15 | 37           | 5                  | 2N 3P, 6M   | T.C.    | 1 tumor turtle, nice night   |
| 7/16 | 43           | 3                  | 2N, 6P 9AM  | T.C.    | 0 tumors, showers in early a.m.  |
| 7/17 | 43           | 3                  | 2N 4P 4M    | TC      | 3 tumors, heavy rains 0000-0300  |
| 7/18 | 42           | 1                  | 3N, 4P, 10M | TC      | 4 tumors. Injured was staked   |
| 7/19 | 38           | 3                  | 1P, 4M      | A.W.    | No tumors up lots of rain  |
| 7/20 | 33           | 1                  | 4N 6P, 4M   | A.W.    | NO comments  |
| 7/21 | 31           | 3                  | 3N 1P, 6M   | A.W.    | (198; 260) up both Mota-tool<br>again  |
| 7/22 | 27           | 1                  | 3N 3P, 5M   | A.W.    | Thunder/lightning 0000...  |
| 7/23 | 27           | 2                  |             |         | 5... no rain   |
| 7/24 | 28           | 7                  | 6N 6P       | B.W.    | one tumor turtle   |
| 7/25 | 28           | 2                  | 1W 4P 5M    | B.W.    | overcast with occasional showers<br>no rain (Tumor or 6-208), Had<br>overcast with rain wind 20-25 |
| 7/26 | 32           | 4                  | 4N 5P 2M    | B.W.    |  |
| 7/27 | 33           | 6                  | 3N 4P, 3M   | B.W.    | clear 10-15 knot<br>no rain no moon  |
| 7/28 | 36           | 3                  | 1N, 2P, 5M  | B.W.    | 1 tumored, 10-15 kts<br>no moon Over 2   |

DAILY TOTALS  
NESTING GREEN TURTLES  
FRENCH FRIGATE SHOALS, 1989-  
1992

Island: East

TOTAL = 170

1029

| Date | # Turtles Up | # <sup>new</sup> Turtles IDed | # Nests       | Invest. | Comments  |
|------|--------------|-------------------------------|---------------|---------|---|
| 6/30 | 22           | 6                             | 1P            | T.C.    |   |
| 5/31 | 15           | 5                             | 1M, 1N        | A.W.    | -   |
| 6/1  | 34           | 8                             | 2N, 1P<br>5M  | A.W.    |   |
| 6/2  | 23           | 3                             | 2V, 3P<br>1M  | A.W.    | Clear night no wind   |
| 6/3  | 26           | <del>11</del> 6               | 4M, 2P        | A.W.    |   |
| 6/4  | 44           | 12                            | 4N, 2P<br>7M  | T.C.    | One tumored turtle. One turtle missing RFL completely amputated                                     |
| 6/5  | 36           | 13                            | 4N, 1P<br>3M  | T.C.    | partly cloudy, moon coming to lots of leaks on East Beach   |
| 6/6  | 51           | 7                             | 3N, 4P<br>6M  | T.C.    | wind 10-15 knots, intermittent showers.   |
| 6/7  | 46           | 11                            | 4N, 1P<br>4M  | T.C.    | wind 10-15 knots, partly cloudy, half moon only one seen by pier's most on east                     |
| 6-8  | 41           | 4                             | 4N, 1P<br>1M  | A.W.    | Windy, cloudy, occ. showers   |
| 6-9  | 48           | 7                             | 2N, 2P<br>3M  | A.W.    | Wind 15-20, part. cloudy, occ. shower   |
| 6-10 | 42           | 6                             | 2P, 3M<br>2N  | A.W.    | cold moon up past 3 AM  |
| 6-11 | 44           | 3                             | 3N, 4P<br>2M  | A.W.    |   |
| 6-12 | 42           | 8                             | 4N, 3P<br>3M  | G.P.E.  | 1 Tumor (U-236) occ. showers  |
| 6-13 | 38           | 6                             | 1P, 4M        | T.C.    | almost constant showers between 2-5 AM, full moon (tumored) up again, U83 dug up <del>up</del> nest |
| 6-14 | 40           | 10                            | 1N, 1P, 2M    | T.C.    | U-236 up has 6 tumors, occ. showers, cloudy, 1st trace of season almost nailed nest.                |
| 6-15 | 55           | 9                             | 1P, 4M        | T.C.    | U236, U36, 2 tumored turtles. showers windy 16/6  |
| 6-16 | 33           | 4                             | 1P, 3M        | A.W.    | showers throughout night  |
| 6/17 | 55           | <del>11</del> 6               | 6N, 4P, 5M    | A.W.    | 1 Tumor up, U-236, did not nest.  |
| 6/18 | -            | -                             | -             | -       | no turtle-walk done - Alysa sick on East Island   |
| 6/19 | 60           | 13                            | 4N, 1P, 7M    | T.C.    | Turtle very calm - none on NEED 1.5<br>3 tumored (U36, U285, U286)                                  |
| 6/20 | 48           | 5                             | 1N, 5P, 3M    | T.C.    | 4 TUMORED TURTLES;<br>TURTLES MUCH EASIER TO TAG WHEN MOON  |
| 6-21 | 57           | 5                             | 5N, 2P;<br>5M | T.C.    | NO COMMENTS   |
| 6/22 | 60           | 2                             | 4N, 4P,<br>4M | T.C.    | 3 Tumored, showers b/w 2-5 AM   |
| 6/23 | 28           | 0                             | 3P, 2M        | A.W.    | where are the turtles?  |
| 6/24 | 25           | 1                             | 1P, 2M        | A.W.    | Turtle desert!  |
| 6/25 | 33           | 4                             | 2P, 2M        | A.W.    | no comments   |
| 6/26 | 28           | 2                             | 4N, 1P<br>2M  | A.W.    |   |
| 6/27 | 22           | 0                             | 2N, 1P<br>2M  | A.W.    | Rained all night  |
| 6/28 | 31           | 4                             | 4N, 4P<br>4M  | T.C.    | 2 tumored turtles new moon clear winds 10-15 knots  |



9/8  
Marc will pass turtle info  
for George later today.

U382

Steve  
Dollar-

1.) First cam up 6-9

again

7-16

again

7-28

CWA

Beach =

9/6/92

- 2) left hind Flipper-tag A802
- 3) left front in 3-4 position F455
- 4) 98.0 curve cam
- 5) 92.4 straight cam

Sunday

| DATE            | TIME              | SATELLITE | RISE    | TCA     | SET     | EL |
|-----------------|-------------------|-----------|---------|---------|---------|----|
|                 |                   |           |         |         |         |    |
| ✓ WED 05 AUG 92 | 4800 ON - EAST    | NOAA-11   | 4:08 PM | 4:15 PM | 4:23 PM | 67 |
| ✓ THU 06 AUG 92 | 4801              | NOAA-11   | 4:39 AM | 4:47 AM | 4:55 AM | 68 |
| ✓ THU 06 AUG 92 | 10/50 730pm 4802  | NOAA-12   | 7:54 PM | 8:01 PM | 8:09 PM | 52 |
| ✓ THU 06 AUG 92 | 4802              | NOAA-12   | 9:36 PM | 9:41 PM | 9:47 PM | 12 |
| ✓ FRI 07 AUG 92 | 4801 ON 8AM       | NOAA-12   | 8:20 AM | 8:28 AM | 8:35 AM | 47 |
| ✓ FRI 07 AUG 92 |                   | NOAA-11   | 3:44 PM | 3:51 PM | 3:59 PM | 69 |
| ✓ FRI 07 AUG 92 |                   | NOAA-12   | 7:33 PM | 7:40 PM | 7:47 PM | 31 |
| ✓ FRI 07 AUG 92 |                   | NOAA-12   | 9:13 PM | 9:20 PM | 9:27 PM | 21 |
| ✓ SAT 08 AUG 92 |                   | NOAA-11   | 4:15 AM | 4:23 AM | 4:31 AM | 67 |
| ✓ SAT 08 AUG 92 | 4800 ON - 11:30am | NOAA-12   | 7:59 AM | 8:06 AM | 8:13 AM | 27 |
| ✓ SAT 08 AUG 92 |                   | NOAA-12   | 9:39 AM | 9:46 AM | 9:53 AM | 25 |
| ✓ SAT 08 AUG 92 |                   | NOAA-11   | 3:32 PM | 3:39 PM | 3:47 PM | 51 |
| ✓ SAT 08 AUG 92 |                   | NOAA-12   | 7:12 PM | 7:19 PM | 7:25 PM | 18 |
| ✓ SAT 08 AUG 92 |                   | NOAA-12   | 8:51 PM | 8:59 PM | 9:06 PM | 36 |
| ✓ SUN 09 AUG 92 |                   | NOAA-11   | 4:03 AM | 4:11 AM | 4:19 AM | 49 |
| ✓ SUN 09 AUG 92 |                   | NOAA-11   | 5:45 AM | 5:51 AM | 5:57 AM | 15 |
| ✓ SUN 09 AUG 92 |                   | NOAA-12   | 7:38 AM | 7:45 AM | 7:51 AM | 16 |
| ✓ SUN 09 AUG 92 |                   | NOAA-11   | 3:20 PM | 3:27 PM | 3:51 PM | 38 |
| ✓ SUN 09 AUG 92 |                   | NOAA-11   | 5:01 PM | 5:08 PM | 5:15 PM | 19 |
| ✓ SUN 09 AUG 92 |                   | NOAA-12   | 8:30 PM | 8:37 PM | 8:45 PM | 63 |
| ✓ MON 10 AUG 92 |                   | NOAA-11   | 3:51 AM | 3:59 AM | 4:06 AM | 37 |
| ✓ MON 10 AUG 92 |                   | NOAA-11   | 5:32 AM | 5:39 AM | 5:46 AM | 20 |
| ✓ MON 10 AUG 92 | 8am 4802          | NOAA-12   | 8:56 AM | 9:04 AM | 9:11 AM | 71 |
| MON 10 AUG 92   |                   | NOAA-11   | 3:08 PM | 3:16 PM | 3:23 PM | 29 |
| MON 10 AUG 92   |                   | NOAA-11   | 4:49 PM | 4:56 PM | 5:03 PM | 25 |

| DATE          | SATELLITE | TIME    |          |          | EL |
|---------------|-----------|---------|----------|----------|----|
|               |           | RISE    | TCA      | SET      |    |
| TUE 11 AUG 92 | NOAA-11   | 3:39 AM | 3:47 AM  | 3:54 AM  | 27 |
| TUE 11 AUG 92 | NOAA-11   | 5:20 AM | 5:27 AM  | 5:34 AM  | 26 |
| TUE 11 AUG 92 | NOAA-12   | 8:35 AM | 8:43 AM  | 8:50 AM  | 69 |
| TUE 11 AUG 92 | NOAA-11   | 2:57 PM | 3:04 PM  | 3:11 PM  | 22 |
| TUE 11 AUG 92 | NOAA-11   | 4:37 PM | 4:44 PM  | 4:51 PM  | 34 |
| TUE 11 AUG 92 | NOAA-12   | 7:48 PM | 7:55 PM  | 8:02 PM  | 44 |
| WED 12 AUG 92 | NOAA-11   | 3:28 AM | 3:35 AM  | 3:42 AM  | 20 |
| WED 12 AUG 92 | NOAA-11   | 5:08 AM | 5:15 AM  | 5:23 AM  | 34 |
| WED 12 AUG 92 | NOAA-12   | 8:14 AM | 8:21 AM  | 8:29 AM  | 40 |
| WED 12 AUG 92 | NOAA-12   | 9:54 AM | 10:01 AM | 10:07 AM | 17 |