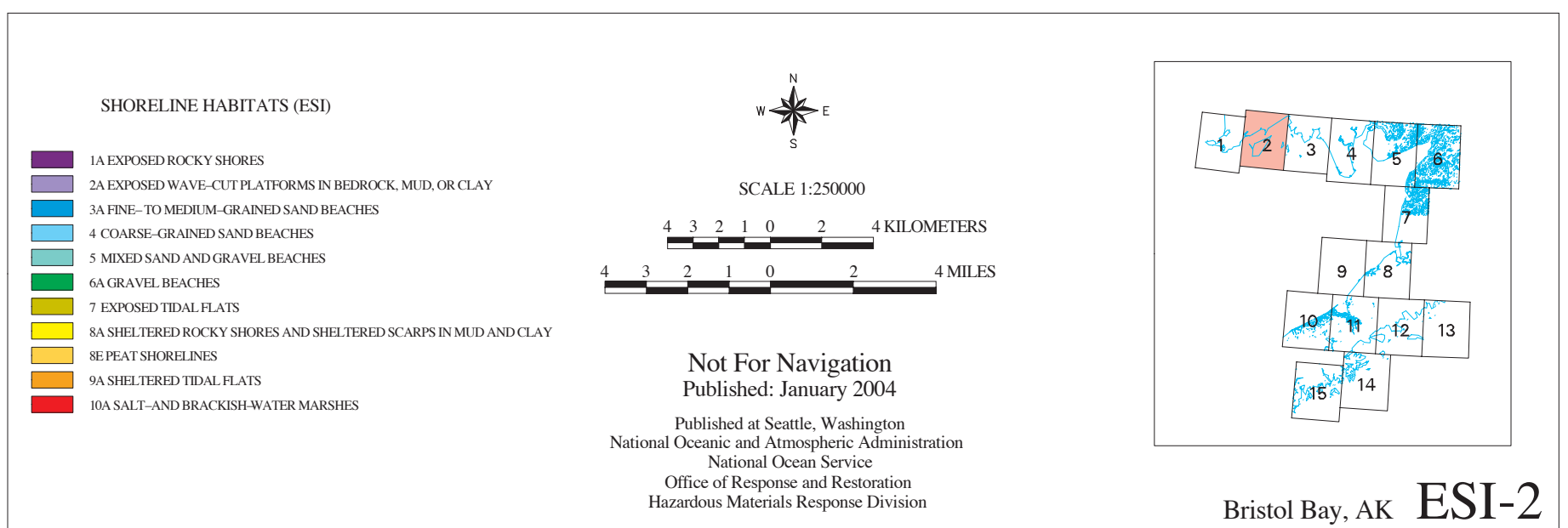
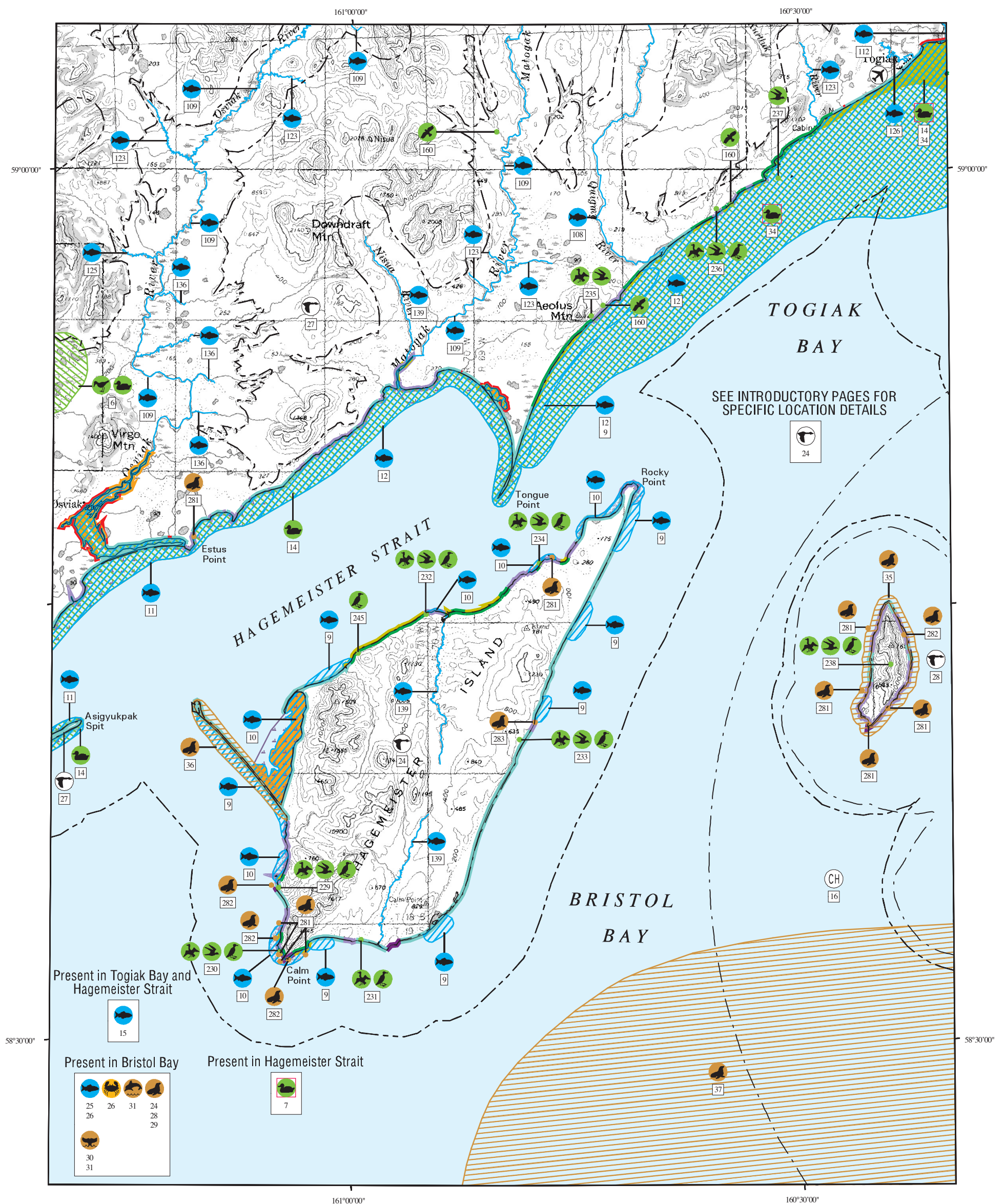


# ENVIRONMENTAL SENSITIVITY INDEX MAP



Bristol Bay: ESIMAP 2

BIOLOGICAL RESOURCES:

BIRD:

| RAR# | Species                  | S | F | Conc.   | J | F | M | A | M | J | J | A | S | O | N | D | Nesting | Migrating |         | Molting |
|------|--------------------------|---|---|---------|---|---|---|---|---|---|---|---|---|---|---|---|---------|-----------|---------|---------|
| 6    | Black turnstone          |   |   |         |   |   |   |   |   | X | X | X |   |   |   |   | MAY-JUL | MAY-JUL   |         | -       |
|      | Black-bellied plover     |   |   |         |   |   |   |   |   | X | X | X |   |   |   |   | -       | MAY-JUL   |         | -       |
|      | Dunlin                   |   |   | 1,000S  |   |   |   | X | X | X | X | X | X | X |   |   | MAY-JUL | APR-OCT   |         | -       |
|      | Least sandpiper          |   |   | 1,000S  |   |   |   | X | X | X | X | X | X | X |   |   | MAY-JUL | MAY-OCT   |         | -       |
|      | Rock sandpiper           |   |   | 1,000S  |   |   |   | X | X | X | X | X | X | X |   |   | MAY-JUL | APR-OCT   |         | -       |
|      | Ruddy turnstone          |   |   |         |   |   |   |   |   | X | X | X |   |   |   |   | -       | MAY-JUL   |         | -       |
|      | Shorebirds               |   |   | 25,000  |   |   |   | X | X | X | X | X | X | X |   |   | MAY-JUL | APR-OCT   |         | -       |
|      | Waterfowl                |   |   |         |   |   |   | X | X |   | X | X | X | X |   |   | -       | APR-MAY   | SEP-OCT | JUL-AUG |
|      | Western sandpiper        |   |   | 1,000S  |   |   |   | X | X | X | X |   |   |   |   |   | -       | APR-JUL   |         | -       |
| 7    | Black scoter             |   |   | 100S    |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
|      | Brant                    |   |   | 100S    |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
|      | Canada goose             |   |   | 100S    |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
|      | Emperor goose            |   |   | 100S    |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
|      | Long-tailed duck         |   |   | 100S    |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
|      | Northern pintail         |   |   | 100S    |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
|      | Scaup                    |   |   | 100S    |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
|      | Steller's eider          | C | T | 100S    |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
|      | White-winged scoter      |   |   | 100S    |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
| 14   | Harlequin duck           |   |   |         |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
| 34   | Black scoter             |   |   | 100S    |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
|      | Common eider             |   |   | 100S    |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
|      | Long-tailed duck         |   |   | 1,000S  |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
|      | Scaup                    |   |   | 100S    |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
|      | Steller's eider          | C | T | 100S    |   |   |   | X | X |   |   | X | X | X |   |   | -       | APR-MAY   | AUG-OCT | -       |
| 160  | Bald eagle               |   |   |         |   |   |   | X | X | X | X | X |   |   |   |   | APR-AUG | -         |         | -       |
| 229  | Black-legged kittiwake   |   |   | 10,745  |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Common murre             |   |   | 2,214   |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Glaucous-winged gull     |   |   | 308     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Horned puffin            |   |   | 25      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pelagic cormorant        |   |   | 203     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Red-faced cormorant      |   |   | 8       |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Tufted puffin            |   |   | 10      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
| 230  | Black-legged kittiwake   |   |   | 192     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Common murre             |   |   | 221     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Glaucous-winged gull     |   |   | 17      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Horned puffin            |   |   | 145     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Parakeet auklet          |   |   | 320     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pelagic cormorant        |   |   | 1,000S  |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pigeon guillemot         |   |   | 44      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Red-faced cormorant      |   |   | 6       |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Tufted puffin            |   |   | 12      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
| 231  | Black-legged kittiwake   |   |   | 84      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Common murre             |   |   | 31      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pelagic cormorant        |   |   | 272     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pigeon guillemot         |   |   | 26      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
| 232  | Black-legged kittiwake   |   |   | 11      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Glaucous-winged gull     |   |   | 37      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pelagic cormorant        |   |   | 668     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pigeon guillemot         |   |   | 4       |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
| 233  | Black-legged kittiwake   |   |   | 6       |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Glaucous-winged gull     |   |   | 18      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pelagic cormorant        |   |   | 83      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Red-faced cormorant      |   |   | 2       |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
| 234  | Glaucous-winged gull     |   |   | 16      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pelagic cormorant        |   |   | 68      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pigeon guillemot         |   |   | 14      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
| 235  | Glaucous-winged gull     |   |   | 5       |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pelagic cormorant        |   |   | 519     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
| 236  | Black-legged kittiwake   |   |   | 275     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Common murre             |   |   | 49      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Glaucous-winged gull     |   |   | 15      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pelagic cormorant        |   |   | 210     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
| 237  | Glaucous-winged gull     |   |   | 100     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
| 238  | Black-legged kittiwake   |   |   | 15,173  |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Common murre             |   |   | 20,576  |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Double-crested cormorant |   |   | UNKNOWN |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Glaucous-winged gull     |   |   | 270     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Horned puffin            |   |   | 520     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Parakeet auklet          |   |   | 540     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pelagic cormorant        |   |   | 2,181   |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pigeon guillemot         |   |   | 270     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Tufted puffin            |   |   | 260     |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
| 245  | Black-legged kittiwake   |   |   | 8       |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |
|      | Pigeon guillemot         |   |   | 26      |   |   |   | X | X | X | X | X | X | X |   |   | JUN-JUL | APR-MAY   | AUG-OCT | -       |

FISH:

| RAR# | Species              | S | F | Conc. | J | F | M | A | M | J | J | A | S | O | N | D | Spawning | Eggs    | Larvae  | Juveniles | Adults  |
|------|----------------------|---|---|-------|---|---|---|---|---|---|---|---|---|---|---|---|----------|---------|---------|-----------|---------|
| 9    | Capelin              |   |   |       |   |   |   |   |   | X | X | X | X |   |   |   | MAY-AUG  | JUN-JUL | JUN-AUG | -         | MAY-AUG |
| 10   | Pacific herring      |   |   |       |   |   |   | X | X | X | X |   |   |   |   |   | APR-JUN  | MAY-JUL | -       | -         | APR-JUL |
| 11   | Capelin              |   |   |       |   |   |   |   |   | X | X | X | X |   |   |   | MAY-AUG  | JUN-JUL | JUN-AUG | -         | MAY-AUG |
|      | Pacific herring      |   |   | HIGH  |   |   |   | X | X | X | X |   |   |   |   |   | APR-JUN  | MAY-JUL | -       | -         | APR-JUL |
| 12   | Pacific herring      |   |   | HIGH  |   |   |   | X | X | X | X |   |   |   |   |   | APR-JUN  | MAY-JUL | -       | -         | APR-JUL |
| 15   | Rainbow smelt        |   |   | HIGH  |   |   |   | X | X |   |   |   |   |   |   |   | -        | -       | -       | APR-MAY   | -       |
| 25   | Chinook salmon       |   |   |       |   |   |   |   |   | X | X | X | X |   |   |   | -        | -       | -       | MAY-JUN   | MAY-AUG |
|      | Chum salmon (dog)    |   |   |       |   |   |   |   |   | X | X | X | X |   |   |   | -        | -       | -       | MAY-JUN   | JUN-AUG |
|      | Coho salmon (silver) |   |   |       |   |   |   |   |   | X | X | X | X | X | X |   | -        | -       | -       | MAY-JUN   | JUL-OCT |
|      | Dolly varden         |   |   |       |   |   |   |   |   | X | X | X | X | X |   |   | -        | -       | -       | MAY-JUN   | MAY-SEP |
|      | Pink salmon (humpy)  |   |   |       |   |   |   |   |   | X | X | X |   |   |   |   | -        | -       | -       | MAY-JUN   | JUN-JUL |
|      | Sockeye salmon (red) |   |   | HIGH  |   |   |   |   |   | X | X | X | X |   |   |   | -        | -       | -       | MAY-JUN   | MAY-AUG |
| 26   | Alaska plaice        |   |   |       |   |   |   | X | X | X | X | X | X | X | X | X | MAR-MAY  | MAY-JUN | MAY-JUN | JAN-DEC   | JAN-DEC |
|      | Pacific cod          |   |   |       |   |   |   | X | X | X | X | X | X | X | X | X | JAN-MAY  | -       | -       | JAN-DEC   | JAN-DEC |
|      | Pacific halibut      |   |   |       |   |   |   |   |   |   | X | X | X | X |   |   | -        | -       | -       | -         | JUL-OCT |
|      | Rainbow smelt        |   |   |       |   |   |   | X | X | X | X | X | X | X | X | X | -        | -       | -       | -         | JAN-DEC |
|      | Rock sole            |   |   |       |   |   |   | X | X | X | X | X | X | X | X | X | JAN-MAR  | -       | -       | JAN-DEC   | DEC-SEP |
|      | Sculpin              |   |   |       |   |   |   | X | X | X | X | X | X | X | X | X | -        | -       | -       | JAN-DEC   | JAN-DEC |
|      | Starry flounder      |   |   |       |   |   |   | X | X | X | X | X | X | X | X | X | -        | -       | -       | -         | JAN-DEC |
|      | Walleye pollock      |   |   |       |   |   |   | X | X | X | X | X | X | X | X | X | FEB-MAY  | -       | -       | JAN-DEC   | JAN-DEC |
|      | Yellowfin sole       |   |   |       |   |   |   | X | X | X | X | X | X | X | X | X | MAY-JUN  | JUN-AUG | JUN-NOV | JAN-DEC   | MAY-AUG |
| 108  | Chinook salmon       |   |   |       |   |   |   | X | X | X | X | X | X | X | X | X | JUL-SEP  | SEP-MAR | MAR-MAY | JAN-DEC   | MAY-SEP |
|      | Chum salmon (dog)    |   |   |       |   |   |   | X | X | X | X | X | X | X | X | X | JUL-SEP  | AUG-MAR | MAR-MAY | JAN-DEC   | JUN-SEP |
|      | Coho salmon (silver) |   |   |       |   |   |   | X | X | X | X | X | X | X | X | X | SEP-NOV  | OCT-MAR | MAR-MAY | JAN-DEC   | JUL-NOV |
|      | Dolly varden         |   |   |       |   |   |   | X | X | X | X | X | X | X | X | X | AUG-OCT  | AUG-DEC | DEC-JUN | JAN-DEC   | JAN-DEC |
|      | Sockeye salmon (red) |   |   |       |   |   |   | X | X | X | X | X | X | X | X | X | JUL-SEP  | SEP-MAR | MAR-MAY | JAN-DEC   | JUN-SEP |

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.

Bristol Bay: ESIMAP 2 (cont.)

BIOLOGICAL RESOURCES: (cont.)

| FISH: |                      |   |   |       |   |   |   |   |   |   |   |   |   |   |   |   |          |         |         |           |         |
|-------|----------------------|---|---|-------|---|---|---|---|---|---|---|---|---|---|---|---|----------|---------|---------|-----------|---------|
| RAR#  | Species              | S | F | Conc. | J | F | M | A | M | J | J | A | S | O | N | D | Spawning | Eggs    | Larvae  | Juveniles | Adults  |
| 109   | Chinook salmon       | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | SEP-MAR | MAR-MAY | JAN-DEC   | MAY-SEP |
|       | Chum salmon (dog)    | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | AUG-MAR | MAR-MAY | JAN-DEC   | JUN-SEP |
|       | Coho salmon (silver) | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | SEP-NOV  | OCT-MAR | MAR-MAY | JAN-DEC   | JUL-NOV |
|       | Dolly varden         | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | AUG-OCT  | AUG-DEC | DEC-JUN | JAN-DEC   | JAN-DEC |
|       | Pink salmon (humpy)  | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | AUG-SEP  | SEP-MAR | MAR-MAY | MAY-JUN   | JUN-SEP |
|       | Sockeye salmon (red) | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | SEP-MAR | MAR-MAY | JAN-DEC   | JUN-SEP |
| 112   | Chinook salmon       | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | SEP-MAR | MAR-MAY | JAN-DEC   | MAY-SEP |
|       | Chum salmon (dog)    | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | AUG-MAR | MAR-MAY | JAN-DEC   | JUN-SEP |
|       | Coho salmon (silver) | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | SEP-NOV  | OCT-MAR | MAR-MAY | JAN-DEC   | JUL-NOV |
|       | Dolly varden         | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | AUG-OCT  | AUG-DEC | DEC-JUN | JAN-DEC   | JAN-DEC |
|       | Pink salmon (humpy)  | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | AUG-SEP  | SEP-MAR | MAR-MAY | MAY-JUN   | JUN-SEP |
|       | Sockeye salmon (red) | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | SEP-MAR | MAR-MAY | JAN-DEC   | JUN-SEP |
| 123   | Whitefish            | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | SEP-OCT  | SEP-DEC | DEC-JUN | JAN-DEC   | JAN-DEC |
|       | Chum salmon (dog)    | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | AUG-MAR | MAR-MAY | JAN-DEC   | JUN-SEP |
| 125   | Chinook salmon       | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | SEP-MAR | MAR-MAY | JAN-DEC   | MAY-SEP |
|       | Chum salmon (dog)    | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | AUG-MAR | MAR-MAY | JAN-DEC   | JUN-SEP |
| 126   | Coho salmon (silver) | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | SEP-NOV  | OCT-MAR | MAR-MAY | JAN-DEC   | JUL-NOV |
|       | Chinook salmon       | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | SEP-MAR | MAR-MAY | JAN-DEC   | MAY-SEP |
| 136   | Sockeye salmon (red) | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | SEP-MAR | MAR-MAY | JAN-DEC   | JUN-SEP |
|       | Chinook salmon       | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | SEP-MAR | MAR-MAY | JAN-DEC   | MAY-SEP |
| 139   | Chum salmon (dog)    | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | AUG-MAR | MAR-MAY | JAN-DEC   | JUN-SEP |
|       | Chum salmon (dog)    | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | JUL-SEP  | AUG-MAR | MAR-MAY | JAN-DEC   | JUN-SEP |
|       | Dolly varden         | - | - | -     | X | X | X | X | X | X | X | X | X | X | X | X | AUG-OCT  | AUG-DEC | DEC-JUN | JAN-DEC   | JAN-DEC |

| INVERTEBRATE: |               |   |   |       |   |   |   |   |   |   |   |   |   |   |   |   |          |      |        |           |         |
|---------------|---------------|---|---|-------|---|---|---|---|---|---|---|---|---|---|---|---|----------|------|--------|-----------|---------|
| RAR#          | Species       | S | F | Conc. | J | F | M | A | M | J | J | A | S | O | N | D | Spawning | Eggs | Larvae | Juveniles | Adults  |
| 26            | Red king crab |   |   |       | X | X | X | X | X | X | X | X | X | X | X | X | JAN-JUL  | -    | -      | JAN-DEC   | JAN-DEC |
|               | Tanner crab   |   |   |       | X | X | X | X | X | X | X | X | X | X | X | X | JAN-JUN  | -    | -      | JAN-DEC   | JAN-DEC |

| MARINE MAMMAL: |                 |   |   |            |   |   |   |   |   |   |   |   |   |   |   |   |         |         |         |         |
|----------------|-----------------|---|---|------------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|---------|---------|
| RAR#           | Species         | S | F | Conc.      | J | F | M | A | M | J | J | A | S | O | N | D | Mating  | Calving | Molting | Pupping |
| 24             | Walrus          |   |   | HIGH       | X | X | X |   |   |   |   |   |   |   |   | X | DEC-MAR | -       | -       | -       |
| 28             | Ringed seal     |   |   |            | X | X | X | X |   |   |   |   |   |   |   | X | -       | -       | -       | MAR-APR |
| 29             | Bearded seal    |   |   |            | X | X | X | X |   |   |   |   |   |   |   | X | -       | -       | -       | MAR-APR |
| 30             | Gray whale      |   |   |            |   |   |   | X | X | X |   |   |   |   |   |   | -       | -       | -       | -       |
| 31             | Harbor porpoise |   |   |            |   |   |   |   |   | X | X | X |   |   |   |   | -       | -       | -       | -       |
|                | Killer whale    |   |   |            |   |   | X | X | X | X | X | X | X | X |   |   | -       | SEP-OCT | -       | -       |
|                | Minke whale     |   |   |            |   |   |   |   |   | X | X | X |   |   |   |   | -       | -       | -       | -       |
| 35             | Walrus          |   |   | INFREQUENT |   |   |   |   |   | X | X | X | X | X |   |   | -       | -       | -       | -       |
| 36             | Walrus          |   |   | 400-500    |   |   |   |   |   | X | X | X | X | X |   |   | -       | -       | -       | -       |
| 37             | Walrus          |   |   | HIGH       |   |   |   |   |   | X | X | X | X | X |   |   | -       | -       | -       | -       |
| 281            | Seals           |   |   | 10S        |   |   | X | X | X | X | X | X | X | X |   |   | -       | -       | -       | MAY-JUL |
| 282            | Seals           |   |   | 100S       |   |   | X | X | X | X | X | X | X | X |   |   | -       | -       | -       | MAY-JUL |
| 283            | Seals           |   |   | <10        |   |   | X | X | X | X | X | X | X | X |   |   | -       | -       | -       | MAY-JUL |

HUMAN USE RESOURCES:

| CRITICAL HABITAT: |                                   |       |         |              |
|-------------------|-----------------------------------|-------|---------|--------------|
| HUN#              | Name                              | Owner | Contact | Phone        |
| 16                | STELLER SEA LION CRITICAL HABITAT | NMFS  | NMFS    | 907/586-7858 |

| WILDLIFE REFUGE: |                                     |                             |                |              |
|------------------|-------------------------------------|-----------------------------|----------------|--------------|
| HUN#             | Name                                | Owner                       | Contact        | Phone        |
| 24               | ALASKA MARITIME NWR                 | US FISH & WILDLIFE SERVICE  | REFUGE MANAGER | 907/246-3339 |
| 27               | TOGIAK NATIONAL WILDLIFE REFUGE     | US FISH & WILDLIFE SERVICE  | REFUGE MANAGER | 907/842-1063 |
| 28               | WALRUS ISLANDS STATE GAME SANCTUARY | ALASKA DEPT. OF FISH & GAME |                | 907/842-2334 |

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.