# COASTAL RESOURCE INVENTORY MAP

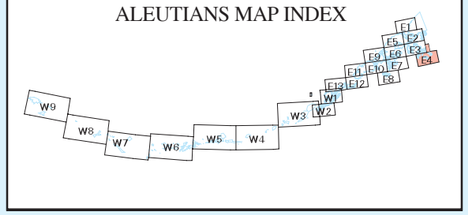
160°15'00"
158°52'30"
55°00'00"
54°30'00"

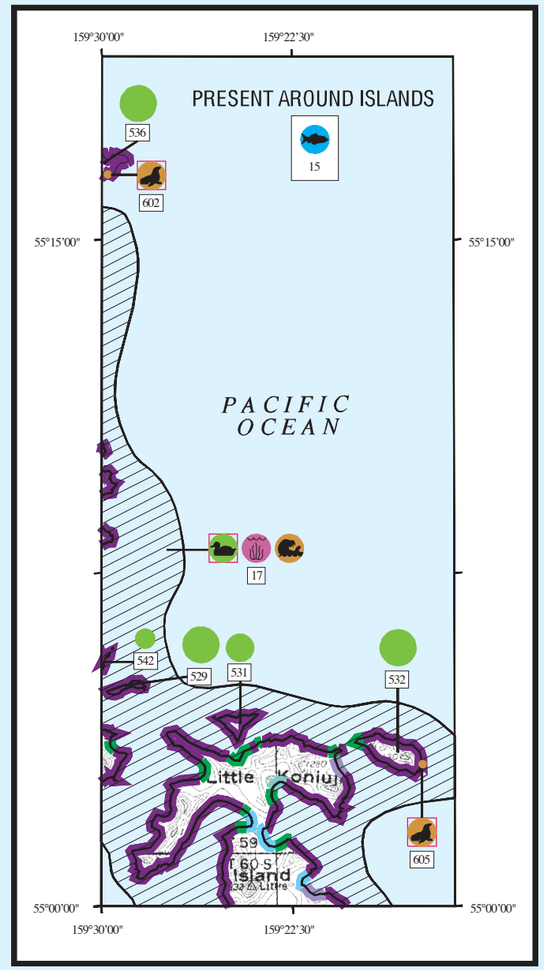
JOHN ISLAND
NEAR ISLAND
BIRD ISLAND
CHERNABURA ISLAND
LITTLE KONIUJI ISLAND
SIMEONOF ISLAND
SHUMAGIN ISLANDS
PACIFIC OCEAN

PRESENT AROUND ISLANDS
15

PRESENT IN OPEN OCEAN AREAS
18

ALEUTIANS MAP INDEX




SCALE 1:250000

4 3 2 1 0 2 4 KILOMETER
4 3 2 1 0 2 4 MILE

Published: September 2001

STEPOVAK BAY, AK (1981)
SIMEONOF ISLAND, AK (1963)

# ALEUTIAN EAST -4

# ALEUTIANS EAST - ESIMAP 4

## BIOLOGICAL RESOURCES:

### BIRD:

| RAR# | Species | S/F | T/E | Concen | J | F | M | A | M | J | J | A | S | O | N | D | Nesting | Laying | Hatching | Fledging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | Bufflehead | | | LOW | X | X | X | X | X | | | | | | X | X | - | - | - | - |
| | Common eider | | | HIGH | X | X | X | X | X | | | | | | X | X | - | - | - | - |
| | Common goldeneye | | | LOW | X | X | X | X | X | | | | | | X | X | - | - | - | - |
| | Emperor goose | | | MED | X | X | X | X | X | | | X | X | X | X | X | - | - | - | - |
| | Greater scaup | | | HIGH | X | X | X | X | X | | | | | | X | X | - | - | - | - |
| | Harlequin duck | | | LOW | X | X | X | X | X | | | | | | X | X | - | - | - | - |
| | King eider | | | HIGH | X | X | X | X | X | | | | | | X | X | - | - | - | - |
| | Mallard | | | HIGH | X | X | X | X | X | | | | | | X | X | - | - | - | - |
| | Northern pintail | | | HIGH | X | X | X | X | X | | | | | | X | X | - | - | - | - |
| | Oldsquaw | | | HIGH | X | X | X | X | X | | | | | | X | X | - | - | - | - |
| | Red-breasted merganser | | | HIGH | X | X | X | X | X | | | | | | X | X | - | - | - | - |
| | Scoters | | | HIGH | X | X | X | X | X | | | | | | X | X | - | - | - | - |
| | Steller's eider | F | T | HIGH | X | X | X | X | X | | | | | | X | X | - | - | - | - |
| 522 | Black-legged kittiwake | | | 9000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Common murre | | | unknown | | | | | | X | X | | | | | | - | - | - | - |
| | Glaucous-winged gull | | | 130 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Murre | | | 7000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Northern fulmar | | | 6 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Pigeon guillemot | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Thick-billed murre | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| 523 | Tufted puffin | | | 8000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| 524 | Glaucous-winged gull | | | 3000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| 525 | Ancient murrelet | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Black-legged kittiwake | | | 2000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Cassin's auklet | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Cormorant | | | 50 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Crested auklet | | | 30 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Glaucous-winged gull | | | 360 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Horned puffin | | | 20000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Leach's storm-petrel | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Parakeet auklet | | | 160 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Pigeon guillemot | | | 400 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Rhinoceros auklet | | | 40 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Tufted puffin | | | 4000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| 526 | Ancient murrelet | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Black-legged kittiwake | | | 1200 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Cassin's auklet | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Common murre | | | 400 | | | | | | X | X | | | | | | - | - | - | - |
| | Cormorant | | | 140 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Crested auklet | | | 20 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Fork-tailed storm-petrel | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Glaucous-winged gull | | | 80 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Horned puffin | | | 600 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Parakeet auklet | | | 50 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Pigeon guillemot | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Tufted puffin | | | 11000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| 527 | Black oystercatcher | | | 25 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Glaucous-winged gull | | | 1600 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Leach's storm-petrel | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Pigeon guillemot | | | 54 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Rhinoceros auklet | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Tufted puffin | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Steller's eider | F | T | HIGH | X | X | X | X | X | | | | | X | X | | - | - | - | - |
| 529 | Ancient murrelet | | | 3000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Black oystercatcher | | | 6 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Black-legged kittiwake | | | 824 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Cassin's auklet | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Crested auklet | | | 3500 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Fork-tailed storm-petrel | | | 300 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Glaucous-winged gull | | | 1550 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Horned puffin | | | 2400 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Leach's storm-petrel | | | 1500 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Pigeon guillemot | | | 1200 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Tufted puffin | | | 2600 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| 531 | Black oystercatcher | | | 4 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Glaucous-winged gull | | | 400 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Horned puffin | | | 1000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Parakeet auklet | | | 1600 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Pigeon guillemot | | | 600 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Tufted puffin | | | 3000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| 532 | Horned puffin | | | 500 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Parakeet auklet | | | 5000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Pigeon guillemot | | | 2500 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Tufted puffin | | | 8000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |

### BIRD: (cont.)

| RAR# | Species | S/F | T/E | Concen | J | F | M | A | M | J | J | A | S | O | N | D | Nesting | Laying | Hatching | Fledging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 536 | Ancient murrelet | | | 30000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Black oystercatcher | | | 2 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Black-legged kittiwake | | | 11610 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Cassin's auklet | | | 46000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Common murre | | | 7200 | | | | | X | X | | | | | | | - | - | - | - |
| | Crested auklet | | | 3500 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Fork-tailed storm-petrel | | | 6000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Glaucous-winged gull | | | 60 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Horned puffin | | | 60000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Leach's storm-petrel | | | 12000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Least auklet | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Northern fulmar | | | 20 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Parakeet auklet | | | 14000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Pigeon guillemot | | | 50 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Thick-billed murre | | | 800 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Tufted puffin | | | 80000 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| 542 | Ancient murrelet | | | unknown | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Black oystercatcher | | | 2 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Horned puffin | | | 60 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Parakeet auklet | | | 50 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Pigeon guillemot | | | 50 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |
| | Tufted puffin | | | 30 | | | | X | X | X | X | X | X | | | | APR-SEP | - | - | - |

### FISH:

| RAR# | Species | S/F | T/E | Concen | J | F | M | A | M | J | J | A | S | O | N | D | Spawning | Eggs | Larvae | Juveniles | Adults |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | Pacific herring | | | HIGH | | | | X | X | X | X | X | X | | | | APR-JUL | - | - | - | - |
| 15 | Pacific cod | | | | X | X | X | X | X | X | X | X | X | X | X | X | JAN-MAY | JAN-MAY | - | JAN-DEC | JAN-DEC |
| | Pacific halibut | | | | X | X | X | X | X | X | X | X | X | X | X | X | - | - | - | - | JAN-DEC |
| | Yellowfin sole | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAY-AUG | - | - | JAN-DEC | JAN-DEC |
| 18 | Arrowtooth flounder | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | - | - | - | JAN-DEC | APR-OCT |
| | Pacific cod | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | JAN-MAY | JAN-MAY | - | JAN-DEC | JAN-DEC |
| | Pacific halibut | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | - | - | - | - | JAN-DEC |
| | Sablefish (blackcod) | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | - | - | - | JAN-DEC | JAN-DEC |
| 122 | Chum salmon (dog) | | | | | | | | X | X | X | X | | | | | - | - | - | - | JUN-SEP |
| 136 | Pink salmon (humpy) | | | | | | | | | X | X | X | | | | | - | - | - | - | JUL-SEP |
| 191 | Chum salmon (dog) | | | | | | | | X | X | X | X | | | | | - | - | - | - | JUN-SEP |
| | Coho salmon (silver) | | | | X | X | X | X | X | X | X | X | X | X | X | X | - | - | - | JAN-DEC | JUL-DEC |
| | Pink salmon (humpy) | | | | | | | | | X | X | X | | | | | - | - | - | - | JUL-SEP |

### HABITAT:

| RAR# | Species | S/F | T/E | Concen | J | F | M | A | M | J | J | A | S | O | N | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | Eelgrass | | | SCATTERED | X | X | X | X | X | X | X | X | X | X | X | X |

### MARINE MAMMAL:

| RAR# | Species | S/F | T/E | Concen | J | F | M | A | M | J | J | A | S | O | N | D | Mating | Calving | Pupping | Molting |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | Sea otter | | | | X | X | X | X | X | X | X | X | X | X | X | X | - | - | MAY-MAY | - |
| 601 | Harbor seal | | | 0-49 | X | X | X | X | X | X | X | X | X | X | X | X | - | - | MAY-JUL | MAY-OCT |
| 602 | Steller (Northern) sea lion | F | E | 100-199 | X | X | X | X | X | X | X | X | X | X | X | X | - | - | MAY-JUL | JUL-DEC |
| 603 | Steller (Northern) sea lion | F | E | 0-49 | X | X | X | X | X | X | X | X | X | X | X | X | - | - | MAY-JUL | JUL-DEC |
| 605 | Steller (Northern) sea lion | F | E | >= 300 | X | X | X | X | X | X | X | X | X | X | X | X | - | - | - | JUL-DEC |

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## HUMAN USE RESOURCES:

## MINING RESOURCES:

| HUN# | Name | Owner | Contact | Phone |
|---|---|---|---|---|
| 6 | Au | | | |

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.