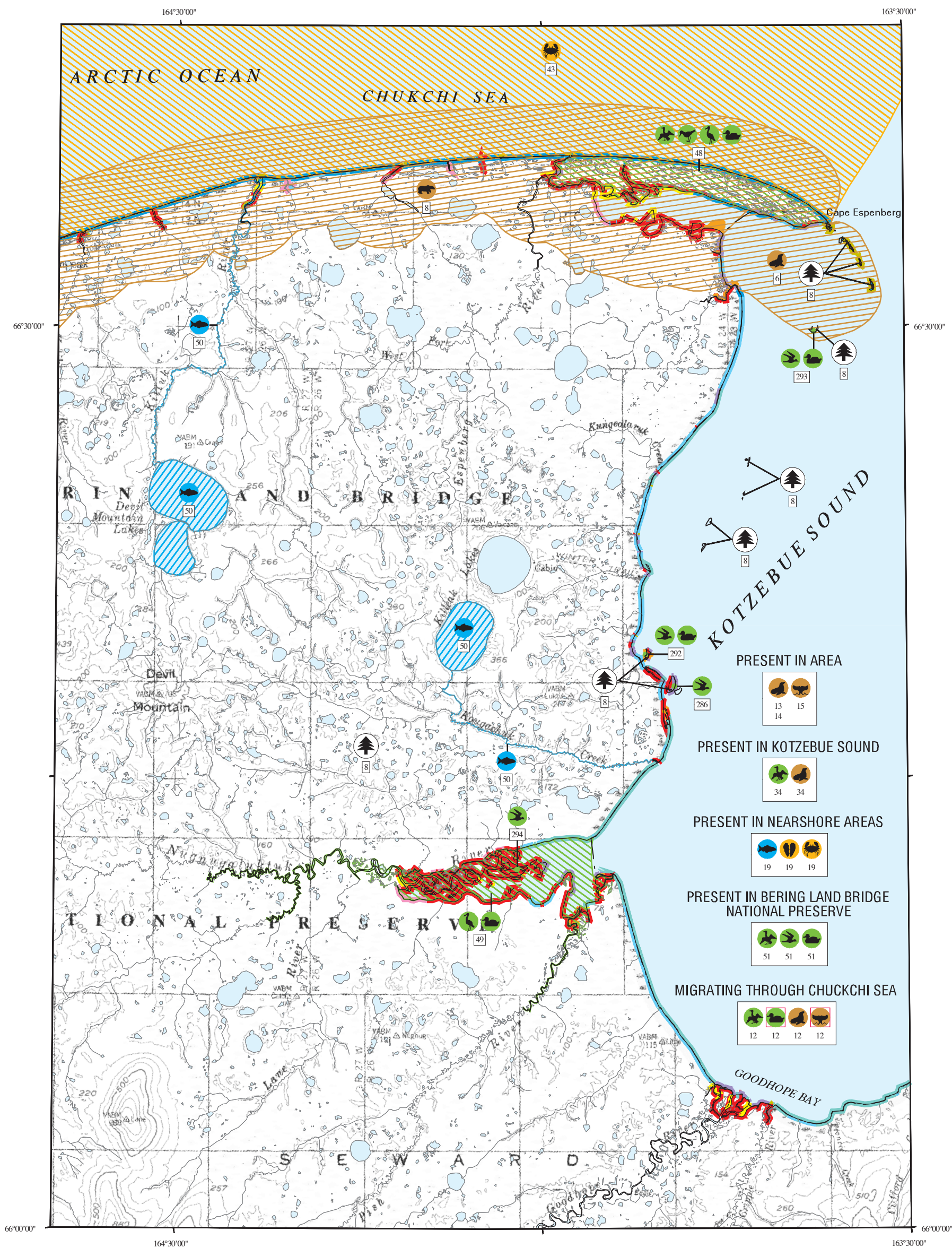
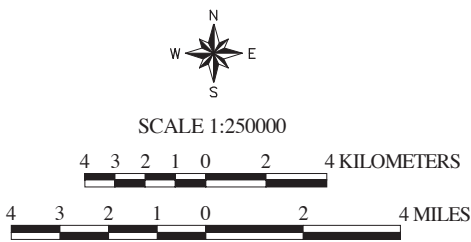


ENVIRONMENTAL SENSITIVITY INDEX MAP



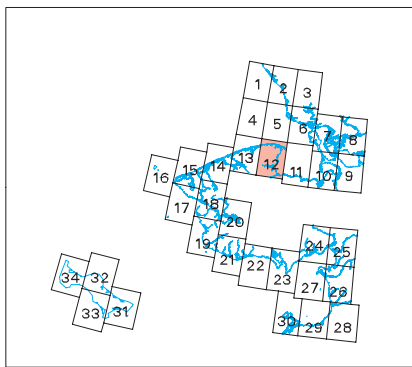
SHORELINE HABITATS (ESI)

- 1A EXPOSED ROCKY SHORES
- 1B EXPOSED, SOLID MAN-MADE STRUCTURES
- 2A EXPOSED WAVE-CUT PLATFORMS IN BEDROCK, MUD, OR CLAY
- 2B EXPOSED SCARPS AND STEEP SLOPES IN CLAY
- 3A FINE- TO MEDIUM-GRAINED SAND BEACHES
- 3B SCARPS AND STEEP SLOPES IN SAND
- 3C TUNDRA CLIFFS
- 4 COARSE-GRAINED SAND BEACHES
- 5 MIXED SAND AND GRAVEL BEACHES
- 6A GRAVEL BEACHES
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED ROCKY SHORES AND SHELTERED SCARPS IN MUD AND CLAY
- 8B SHELTERED, SOLID MAN-MADE STRUCTURES
- 8C SHELTERED RIPRAP
- 8E PEAT SHORELINES
- 9A SHELTERED TIDAL FLATS
- 9B SHELTERED, VEGETATED LOW BANKS
- 10A SALT- AND BRACKISH-WATER MARSHES
- 10D SCRUB-SHRUB WETLANDS
- 10E INUNDATED, LOW-LYING TUNDRA



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BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Pre-nest	Nesting	Post-nest	
12	Common eider			1000s			X	X	X	X	X	X	X				-	-	-	-
	King eider			1000s			X	X	X	X	X	X	X				-	-	-	-
	Long-tailed duck			1000s			X	X	X	X	X	X	X				-	-	-	-
	Red-throated loon			HIGH			X	X	X	X	X	X	X				-	-	-	-
	Spectacled eider	S/F	C/T	1000s			X	X	X	X	X	X	X				-	-	-	-
	Steller's eider	S/F	C/T	1000s			X	X	X	X	X	X	X				-	-	-	-
34	Red-throated loon								X	X	X	X					-	-	-	-
48	Common eider			100s					X	X	X	X	X				MAY-JUN	JUN-JUL	JUL-SEP	-
	Dunlin			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Dunlin			10000s							X	X	X				-	-	JUL-SEP	-
	Long-billed dowitcher			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Long-billed dowitcher			10000s								X	X	X			-	-	JUL-SEP	-
	Long-tailed duck			HIGH			X	X	X	X	X	X					APR-JUN	MAY-AUG	JUN-SEP	-
	Pectoral sandpiper			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Pectoral sandpiper			10000s							X	X	X				-	-	JUL-SEP	-
	Red phalarope			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Red phalarope			10000s							X	X	X				-	-	JUL-SEP	-
	Red-necked phalarope			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Red-necked phalarope			10000s							X	X	X				-	-	JUL-SEP	-
	Red-throated loon			100s					X	X	X	X	X				MAY-JUN	MAY-AUG	AUG-SEP	-
	Ruddy turnstone			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Ruddy turnstone			10000s								X	X	X			-	-	JUL-SEP	-
	Sandhill crane			HIGH			X	X	X	X	X	X	X	X			APR-MAY	MAY-JUL	AUG-SEP	-
	Semipalmated sandpiper			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Semipalmated sandpiper			10000s							X	X	X				-	-	JUL-SEP	-
	Western sandpiper			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Western sandpiper			10000s							X	X	X				-	-	JUL-SEP	-
49	American wigeon			1000s								X	X				-	-	AUG-SEP	-
	Brant			800					X	X	X	X	X				MAY-JUL	MAY-SEP	-	-
	Brant			2000								X	X				-	-	AUG-SEP	-
	Canada goose			1000s								X	X				-	-	AUG-SEP	-
	Common eider			800					X	X	X	X	X				MAY-JUN	JUN-JUL	JUL-SEP	-
	Greater scaup			1000s						X	X	X	X				-	-	JUN-SEP	-
	Greater white-fronted goose			FEW					X	X	X	X	X				MAY-JUN	JUN-JUL	JUL-SEP	-
	Sandhill crane			HIGH			X	X	X	X	X	X	X	X			APR-MAY	MAY-JUL	AUG-SEP	-
	Snow goose			FEW			X	X		X	X	X	X				MAY-JUN	-	AUG-OCT	-
	Tundra swan			10s					X								-	-	-	-
51	Arctic tern								X	X	X	X					MAY-JUN	MAY-AUG	JUL-AUG	-
	Black scoter								X	X	X	X	X	X			MAY-JUN	JUN-SEP	JUN-OCT	-
	Emperor goose								X	X	X	X	X				MAY-MAY	MAY-SEP	AUG-SEP	-
	Green-winged teal								X	X	X	X	X				MAY-MAY	MAY-AUG	JUN-SEP	-
	Northern pintail			VERY HIGH					X	X	X	X	X				MAY-MAY	MAY-AUG	JUN-SEP	-
	Pacific loon								X	X	X	X	X				MAY-JUN	MAY-SEP	AUG-SEP	-
	Red-breasted merganser								X	X	X	X	X	X			MAY-JUN	JUN-OCT	JUL-OCT	-
	Yellow-billed loon								X	X	X	X	X	X			MAY-JUN	JUN-OCT	SEP-OCT	-
286	Arctic tern			UNKNOWN			X	X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT	-
	Glaucous gull			100			X	X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT	-
292	Arctic tern			20			X	X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT	-
	Common eider			150			X	X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT	-
	Glaucous gull			250			X	X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT	-
293	Common eider			UNKNOWN			X	X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT	-
	Glaucous gull			800			X	X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT	-
294	Arctic tern			UNKNOWN			X	X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT	-
	Glaucous gull			1000			X	X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT	-
	Mew gull			UNKNOWN			X	X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT	-

FISH:																					
RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
19	Chinook salmon									X	X	X					-	-	-	MAY-JUL	JUN-JUL
	Chum salmon (dog)									X	X	X	X				-	-	-	MAY-JUL	JUN-AUG
	Coho salmon (silver)									X	X	X	X				-	-	-	MAY-JUL	AUG-AUG
	Dolly varden									X	X	X	X	X	X		-	-	-	MAY-JUL	AUG-OCT
	Pink salmon (humpy)									X	X	X					-	-	MAY-JUL	MAY-JUL	JUN-JUL
	Rainbow smelt				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Saffron cod				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Starry flounder										X	X	X				-	-	-	JUN-AUG	JUN-AUG
50	Arctic char				X	X	X	X	X	X	X	X	X	X	X	X	AUG-OCT	AUG-DEC	DEC-JUL	JAN-DEC	JAN-DEC
	Pink salmon (humpy)				X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	JUL-DEC	DEC-JUN	MAY-JUN	JUL-AUG

INVERTEBRATE:																					
RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawn/Mate	Eggs	Larvae	Juveniles	Adults
19	Alaska razor clam				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Butter clam				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Crenulate astarte				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Helmet crab				X	X	X	X		X	X				X	X	-	-	-	-	-
	Pinkneck clam				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Siberia softshell clam				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Softshell clam				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
43	Red king crab			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	FEB-APR	JAN-DEC	FEB-JUN	JAN-DEC	JAN-DEC

MARINE MAMMAL:																				
RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
6	Spotted seal			HIGH						X	X	X	X	X	X		-	-	-	-
8	Polar bear				X	X	X	X							X	X	-	-	-	-
12	Bearded seal							X	X	X							-	-	-	-
	Bowhead whale	S/F	C/E				X	X	X			X	X	X			-	-	-	-
	Gray whale							X	X	X	X	X	X				-	-	-	-
	Walrus							X	X				X	X			-	-	-	-
13	Ringed seal				X	X	X	X	X	X				X	X	X	-	-	MAR-MAY	MAR-JUN
14	Spotted seal									X	X	X	X	X	X		-	-	-	-
15	Beluga whale									X	X	X	X	X			-	JUN-AUG	-	-
34	Bearded seal				X	X	X	X	X	X	X			X	X	X	-	-	-	-
	Walrus									X	X	X					-	-	-	-

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NW ARCTIC, AK - ESIMAP 12 (cont.)

HUMAN USE RESOURCES:

NATIONAL PARK:

HUN#	Name	Owner	Contact	Phone
8	BERING LAND BRIDGE NATIONAL PRESERVE		NATIONAL PARK SERVICE	907/443-2522

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.