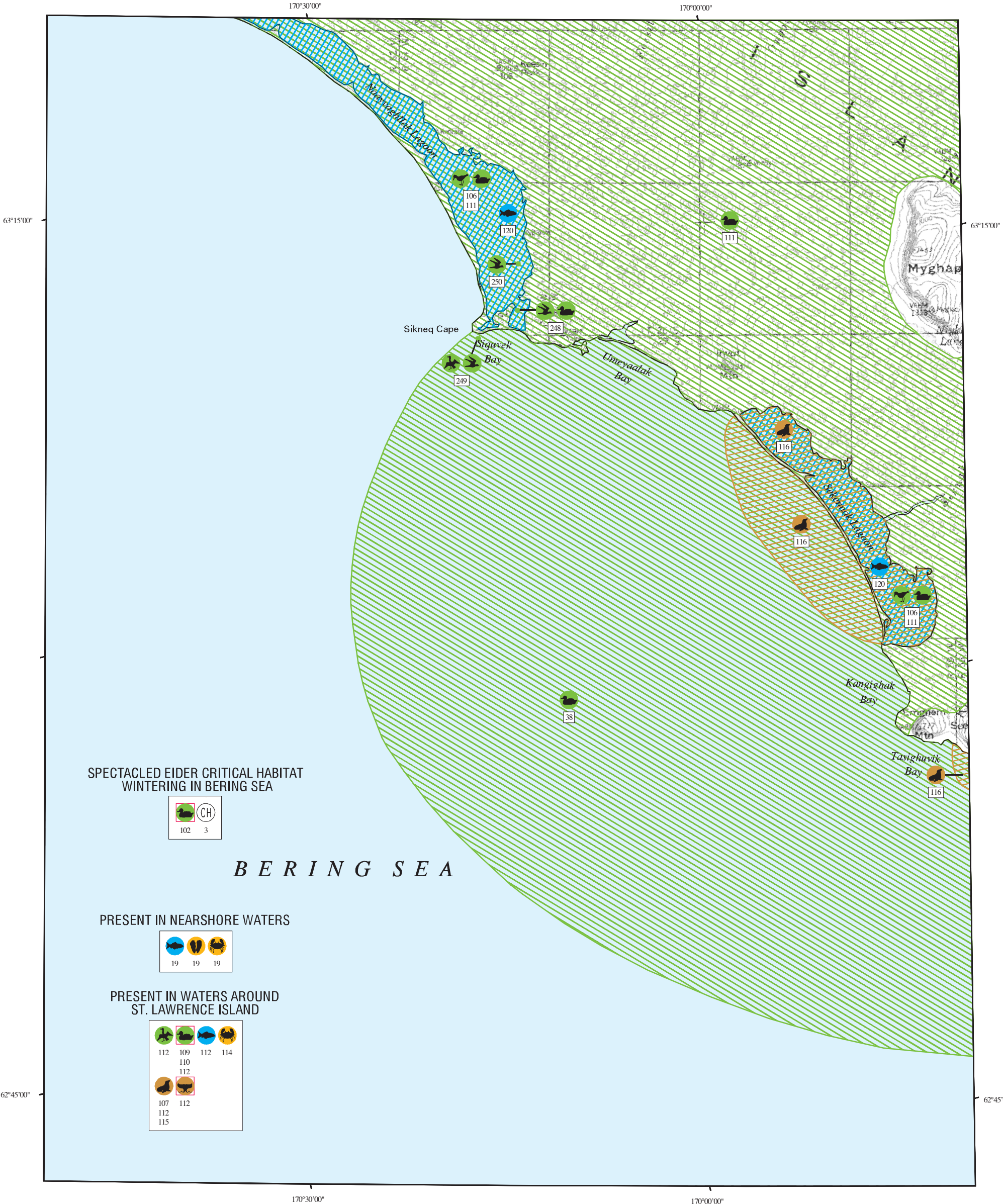


ENVIRONMENTAL SENSITIVITY INDEX MAP



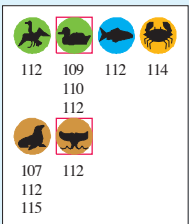
SPECTACLED EIDER CRITICAL HABITAT
WINTERING IN BERING SEA



PRESENT IN NEARSHORE WATERS

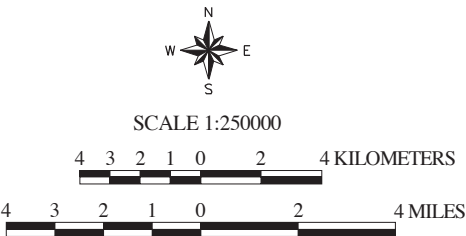


PRESENT IN WATERS AROUND
ST. LAWRENCE ISLAND



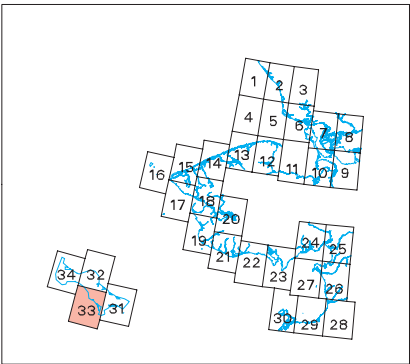
SHORELINE HABITATS (ESI)

- 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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Office of Response and Restoration
Hazardous Materials Response Division



NW ARCTIC, AK - ESIMAP 33

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
38	King eider			VERY HIGH								X	X	X			-	-	-
102	Spectacled eider	S/F	C/T	363030	X	X	X	X				X	X	X	X	X	-	-	-
106	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
	Pacific golden-plover			1000s					X	X	X						MAY-JUN	MAY-JUL	-
	Pacific golden-plover			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
	Rock sandpiper			1000s					X	X	X						MAY-JUN	MAY-JUL	-
	Rock sandpiper			10000s							X	X	X				-	-	JUL-SEP
	Ruddy turnstone			1000s					X	X	X						MAY-JUN	MAY-JUL	-
	Ruddy turnstone			10000s							X	X	X				-	-	JUL-SEP
109	Common eider			1000s	X	X	X	X						X	X	X	-	-	-
	King eider			1000s	X	X	X	X						X	X		-	-	-
	Long-tailed duck			1000s	X	X	X	X						X	X	X	-	-	-
110	Brant			100s								X	X				-	-	AUG-SEP
	Greater scaup			1000s					X	X	X	X					-	-	JUN-SEP
	Tundra swan			10s							X	X	X	X			-	-	JUL-OCT
111	Brant							X	X	X	X	X					MAY-JUL	MAY-SEP	AUG-SEP
	Common eider			100s				X	X	X	X	X					MAY-JUN	JUN-JUL	JUL-SEP
	Emperor goose			10s				X	X	X	X	X					-	MAY-SEP	-
	Greater scaup							X	X	X	X	X					MAY-JUN	MAY-SEP	JUN-SEP
	Long-tailed duck							X	X	X	X	X	X				APR-JUN	MAY-AUG	JUN-SEP
	Snow goose			1000s				X	X		X	X	X				MAY-JUN	-	AUG-OCT
	Tundra swan			10s				X	X	X	X	X	X				MAY-JUN	MAY-SEP	JUL-OCT
112	Emperor goose			1000s				X			X	X					MAY-MAY	-	AUG-SEP
	Red-throated loon				X	X	X	X	X	X	X	X	X				-	-	-
	Snow goose			1000s				X	X		X	X	X				MAY-JUN	-	AUG-OCT
	Steller's eider	S/F	C/T	1000s	X	X	X	X	X	X	X	X					-	-	-
248	Common eider			56				X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT
	Glaucous gull			154				X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT
	Herring gull			286				X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT
249	Herring gull			22				X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT
	Pelagic cormorant			42				X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT
250	Aleutian tern			2				X	X	X	X	X	X				APR-MAY	JUN-JUL	AUG-OCT
	Arctic tern			194				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
112	Pacific halibut									X	X	X	X				-	-	-	-	JUL-OCT
120	Dolly varden				X	X	X	X	X	X	X	X	X	X	X	X	AUG-OCT	AUG-DEC	DEC-JUN	JAN-DEC	JAN-DEC
	Rainbow smelt											X	X	X			-	-	-	-	SEP-NOV
	Saffron cod											X	X	X			-	-	-	-	SEP-NOV
	Whitefish				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC

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	-	-	-	-	-
	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	-	-	-	-	-
114	Blue king crab				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
107	Walrus			HIGH	X	X	X	X	X	X				X	X	X	-	-	-	-
112	Beluga whale							X	X								-	-	-	-
	Blue whale	S/F	E/E							X	X	X	X	X	X		-	-	-	-
	Bowhead whale	S/F	C/E					X	X								-	-	-	-
	Fin whale	F	E							X	X	X	X	X	X	X	-	-	-	-
	Gray whale									X	X	X	X	X	X	X	-	-	-	-
	Killer whale									X	X	X	X	X	X		-	-	-	-
	Minke whale									X	X	X					-	-	-	-
	Northern right whale	S/F	E/E							X	X	X	X	X	X		-	-	-	-
	Ringed seal				X	X	X	X	X	X				X	X	X	-	-	MAR-MAY	MAR-JUN
115	Spotted seal			HIGH				X	X	X	X	X	X	X	X	X	-	-	-	APR-JUL
116	Spotted seal			HIGH				X	X	X	X	X	X	X	X	X	-	-	-	APR-JUL

HUMAN USE RESOURCES:

CRITICAL HABITAT:

HUN#	Name	Owner	Contact	Phone
3	SPECTACLED EIDER CRITICAL HABITAT		US FISH & WILDLIFE SERVICE	907/271-2781

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.