MAP 60

MAINE ENVIRONMENTAL VULNERABILITY INDEX

Version 2

These maps are intended to provide information solely for marine oil spill contingency planning.
Not all resources in any specific area will be shown. Contact agencies directly for more information.
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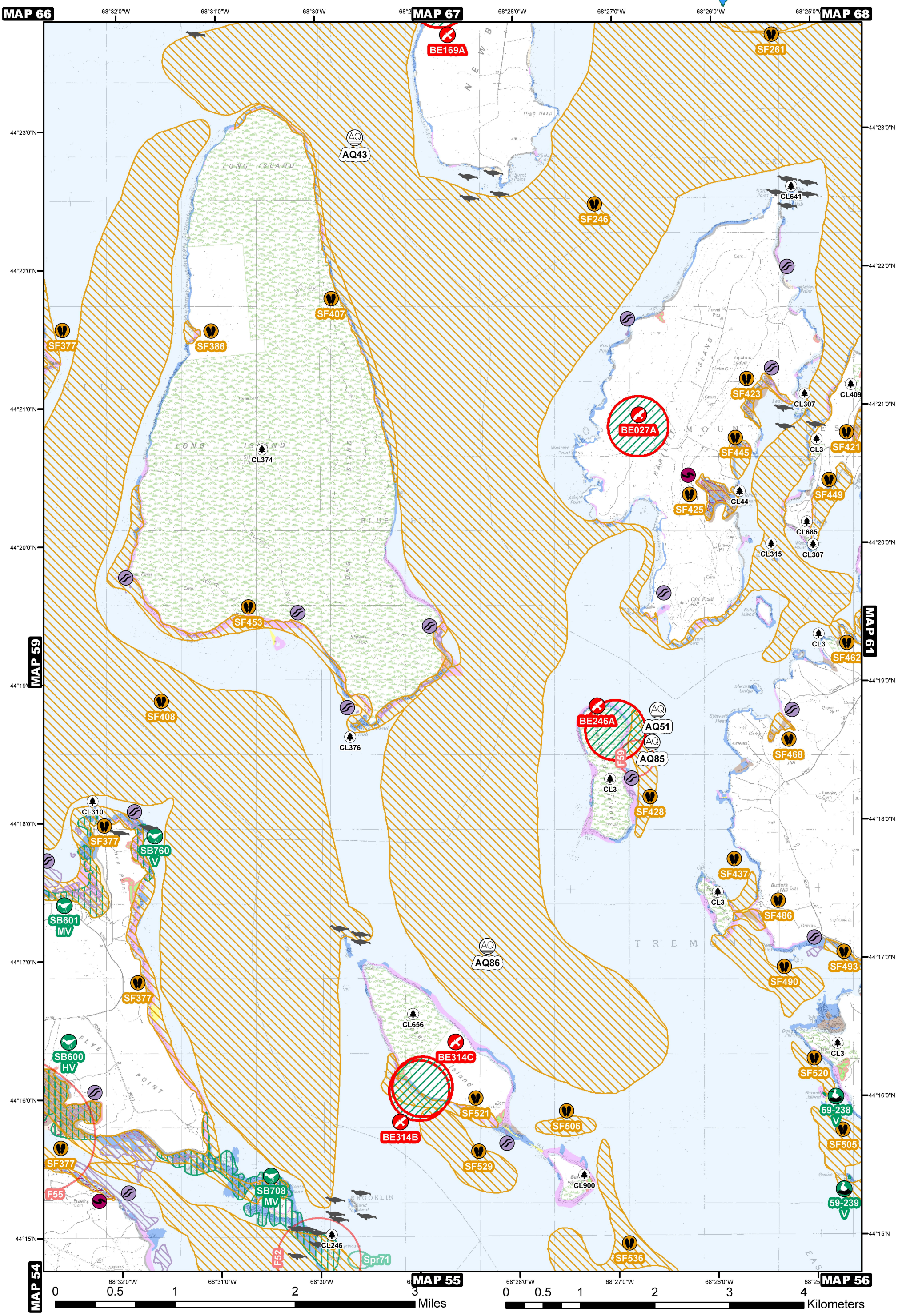

ENVIRONMENTAL SENSITIVITY MAP - 60

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-45-1 C-46-1 C-47-1 C-50-1 C-50-2 C-51-1

THREATENED AND ENDANGERED SPECIES / SPECIES OF SPECIAL CONCERN

BALD EAGLE ESSENTIAL HABITAT (BE)

HARLEQUIN DUCK WINTERING HABITAT (HD)

PIPING PLOVER / LEAST TERN ESSENTIAL HABITAT (PPLT)

ROSEATE TERN ESSENTIAL HABITAT (RT)

Other T or E Species
SA: Sensitive Animal
SP: Sensitive Plant

Other SSC
SA = Sensitive Animal
SP = Sensitive Plant

BIRDS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT C= COMMON U=UNCOMMON J F M	A M J	J A S	O N D	SPRING MIGRATION	NESTING	FALL MIGRATION	WINTERING	MOLTING
BE027A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE169A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE246A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE314B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE314C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	

SEABIRD NESTING ISLANDS (00-000)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT C= COMMON U=UNCOMMON J F M	A M J	J A S	O N D	SPRING MIGRATION	NESTING	FALL MIGRATION	WINTERING	MOLTING
59-238	Common Eider	*Somateria mollissima*			C C C	C C C	C C C	C C C	Mar.- Apr.	Apr.- Jul.	Sep.- Oct.	Nov.- Mar.	Jul.- Sep.
59-239	Common Eider	*Somateria mollissima*			C C C	C C C	C C C	C C C	Mar.- Apr.	Apr.- Jul.	Sep.- Oct.	Nov.- Mar.	Jul.- Sep.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		

SHOREBIRDS (SB)

SHOREBIRD SITES ON THIS MAP INCLUDE ONE OR MORE OBSERVATIONS OF THE FOLLOWING SPECIES

COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT C= COMMON U=UNCOMMON J F M	A M J	J A S	O N D	SPRING MIGRATION	NESTING	FALL MIGRATION	WINTERING	MOLTING
Sanderling	*Calidris alba*				U U	C C C	C U	May - Jun.		Jul.- Nov.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		
Unidentified Dowitcher	*Limnodromus spp.*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Greater Yellowlegs	*Tringa melanoleuca*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Killdeer	*Charadrius vociferus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Sep.- Nov.		
Least Sandpiper	*Calidris minutilla*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Purple Sandpiper	*Calidris maritima*			C C C	C U		U C C	Apr.- May		Oct.- Nov.	Nov.- Apr.	
American Oystercatcher	*Haematopus palliatus*				U U	U U U			May - Aug.			
Ruddy Turnstone	*Arenaria interpres*				U C C	C C C	U U	Apr.- Jun.		Jul.- Nov.		
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Short-billed Dowitcher	*Limnodromus griseus*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Solitary Sandpiper	*Tringa solitaria*				C U	U C C	U	May - Jun.		Jul.- Oct.		
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Stilt Sandpiper	*Calidris himantopus*					U U U				Jul.- Sep.		
Willet	*Catoptrophorus semipalmatus*				U C C	C C C		Apr.- May	May - Aug.	Aug.- Sep.		
White-rumped Sandpiper	*Calidris fuscicollis*					U U U	U			Jul.- Oct.		
Red Knot	*Calidris canutus*					U U U	U			Jul.- Oct.		

RAFTING BIRDS

Winter (W) Spring (Spr) Summer (Su) Fall (F)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT C= COMMON U=UNCOMMON J F M	A M J	J A S	O N D	SPRING MIGRATION	NESTING	FALL MIGRATION	WINTERING	MOLTING
F52	Common Eider	*Somateria mollissima*			C C C	C C C	C C C	C C C	Mar.- Apr.	Apr.- Jul.	Sep.- Oct.	Nov.- Mar.	Jul.- Sep.
F55	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Unidentified Goldeneye	*Bucephala spp.*			C C C	C C U	U U C	C C C	Mar.- Apr.	Apr.- Jul.	Oct.- Dec.	Oct.- Mar.	Jul.- Aug.
	Great Blue Heron	*Ardea herodias*			U U U	C C C	C C C	C U U	Mar.- Apr.	Apr.- Aug.	Sep.- Oct.	Nov.- Jan.	
	Common Loon	*Gavia immer*			C C C	C C C	C C C	C C C	Mar.- Jun.	Mar.- Aug.	Sep.- Dec.	Dec.- Mar.	Jan.- Mar.
	Common Eider	*Somateria mollissima*			C C C	C C C	C C C	C C C	Mar.- Apr.	Apr.- Jul.	Sep.- Oct.	Nov.- Mar.	Jul.- Sep.
	Bufflehead	*Bucephala albeola*			C C C	C U	U	C C C	Apr.- May		Sep.- Dec.	Nov.- Mar.	
	Black Scoter	*Melanitta nigra*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
	American Black Duck	*Anas rubripes*			C C C	C C C	C C C	C C C	Feb.- Apr.	Apr.- Jul.	Oct.- Dec.	Sep.- Mar.	Jun.- Jul.
F59	Common Eider	*Somateria mollissima*			C C C	C C C	C C C	C C C	Mar.- Apr.	Apr.- Jul.	Sep.- Oct.	Nov.- Mar.	Jul.- Sep.
	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
Spr71	Common Loon	*Gavia immer*			C C C	C C C	C C C	C C C	Mar.- Jun.	Mar.- Aug.	Sep.- Dec.	Dec.- Mar.	Jan.- Mar.
	Black Scoter	*Melanitta nigra*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
	Common Eider	*Somateria mollissima*			C C C	C C C	C C C	C C C	Mar.- Apr.	Apr.- Jul.	Sep.- Oct.	Nov.- Mar.	Jul.- Sep.

SHELLFISH

SHELLFISH BEDS (SF) MUSSEL SEED CONSERVATION AREAS (MS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE FW=FRESHWATER	JUVENILE R=RARE	ADULT
SF246	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF261	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF377	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF386	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF407	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF408	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF421	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF423	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF425	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF428	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF437	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF445	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF449	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF453	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF462	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF468	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF486	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF490	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF493	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF505	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF506	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF509	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF520	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF521	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF529	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF536	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.

ENVIRONMENTAL SENSITIVITY MAP - 60

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-45-1 C-46-1 C-47-1 C-50-1 C-50-2 C-51-1

HABITATS:

SEAL HAUL-OUTS
COUNTS COMBINE HARBOR AND GRAY SEAL

EELGRASS BEDS

MARINE WORM HABITAT

COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT C= COMMON U=UNCOMMON J F M	A M J	J A S	O N D	MOLTING	PUPPING
Harbor Seal	*Phoca vitulina*			C C C	C C C	C C C	C C C	Aug.	Apr.- Jun.
Gray Seal	*Halichoerus grypus*			C C C	C C C	C C C	C C C		Jan.- Feb.

AQUACULTURE SITES (AQ)

EVI NO	PRIMARY SPECIES	CONTACT / ADDRESS	PHONE	SIZE
AQ43	blue mussels	Terry Gray	207-469-3436	1.94AC
AQ51	blue mussels	Erick Swanson / Jody Patterson	207-244-0750	25AC
AQ85	blue mussels	Evan Young	207-266-5345	2.3AC
AQ86	blue mussels	Susan Swanson	NULL	53.4AC

CONSERVATION LANDS (CL)

EVI NO	NAME
CL246	GREEN ISLAND
CL3	ACADIA NATIONAL PARK
CL307	ISLAND
CL310	IVY ISLAND
CL315	JOHNS ISLAND
CL374	Long Island
CL376	LONG ISLAND HUB
CL409	MILL COVE
CL44	BIRCH ISLAND
CL641	THE HUB
CL656	TINKER ISLAND
CL685	WEST POINT
CL900	MAINE COASTAL ISLANDS NWR

MARINE GEOLOGY LAYERS

Ranked most to least vulnerable

- Marshes (1)
- Mud Flats, Sheltered (2)
- Coarse Flats & Bars, Exposed (3)
- Coarse Beaches & Riprap (4)
- Mixed & Low Energy Beaches (5)
- Sand Beaches (6)
- Rocky Shores (7)
- Sand Dunes (8)

Coastal Barrier Resources System Area