LEGEND

Labels are EVI ID #
See accompanying data

Threatened & Endangered Species

- Piping Plover / Least Tern Essential Habitat
- Roseate Tern Essential Habitat
- Bald Eagle Essential Habitat
- Harlequin Duck Wintering Habitat
- Atlantic Salmon Habitat (where endangered)
- Other Coastal Threatened or Endangered Species
- Species of Special Concern

SA = Sensitive Animal **SP = Sensitive Plant**

Birds

- Shorebird Areas
- Seabird Nesting Islands
  Red outline if threatened or endangered species present on island

EVI ID #
RANKING

Rankings: C=Critical HV=Highly Vulnerable MV= Moderately Vulnerable V=Vulnerable

Rafting Birds **Areas with counts greater than 200 individuals 2000 - 2004 Aerial Survey Data**

- Fall Rafting Bird Observations
- Summer Rafting Bird Observations
- Winter Rafting Bird Observations
- Spring Rafting Bird Observations

Fish

- Diadromous Fish Runs
- Elver Runs
- Herring Spawning Areas

Shellfish

- Lobster Pounds
- Shellfish Beds
- Mussel Seed Conservation Areas

Habitats

- Marine Worm Areas
- Eelgrass Beds
- Seal Haul-Outs

Human Resources

- Aquaculture Lease Sites
- Herring Weir Sites
- Lobster Dealers
- Conservation Lands
- Boat Launch State Sponsored or Assisted, Trailerable

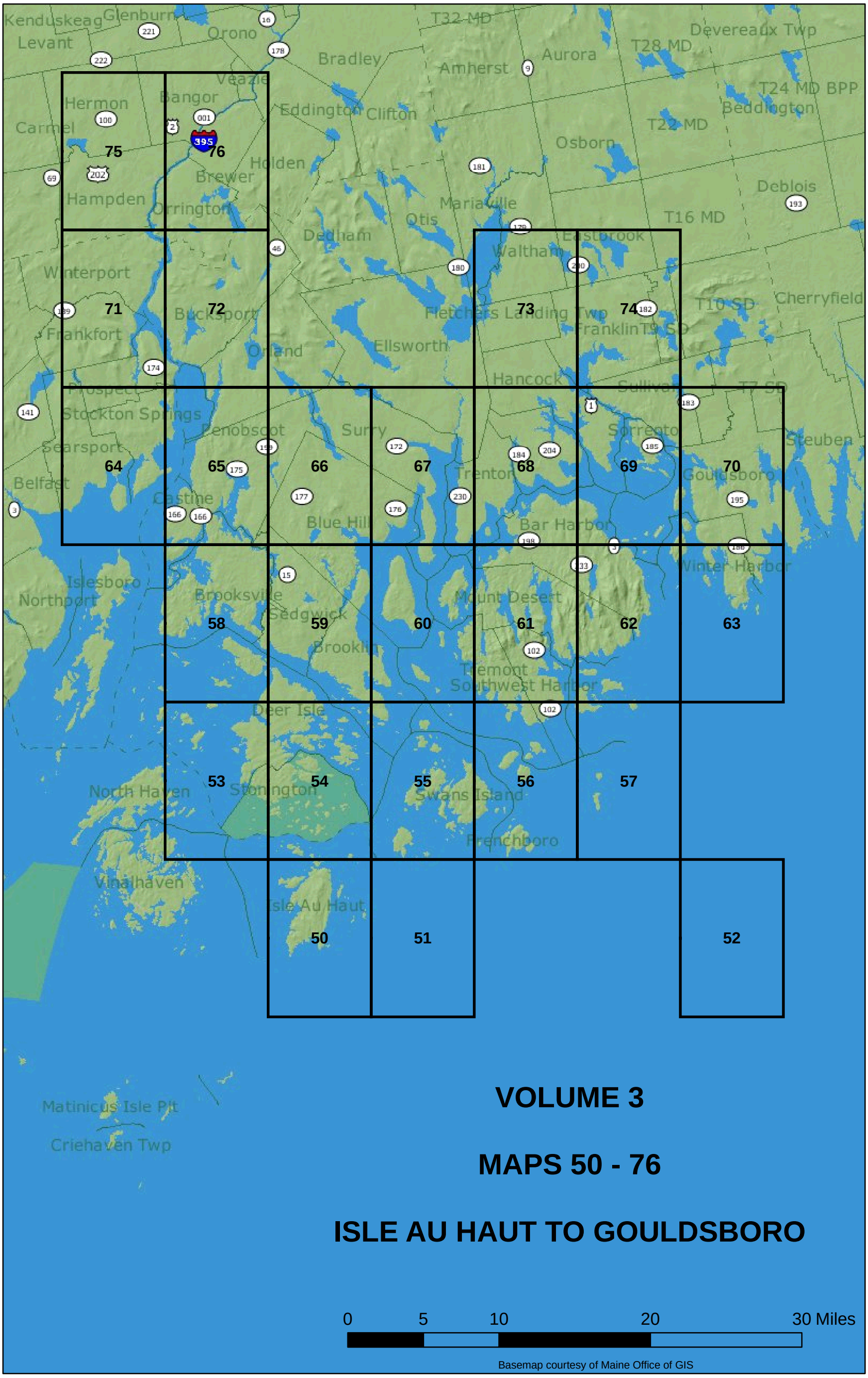
Coastal Marine Geologic Environments

Ranked from 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

MAINE ENVIRONMENTAL VULNERABILITY INDEX MAPS



EVI INDEX BY TOWN

TOWN	MAP NUMBERS	VOL
Addison	79, 80, 83, 84	4
Alna	32, 33, 40	2
Appleton	41	2
Arrowsic	19, 24	1, 2
Arundel	8	1
Augusta	45, 46	2
Bangor	75, 76	3
Bar Harbor	60, 61, 62, 68, 69	3
Bath	19, 20	1
Beals	80, 81	4
Belfast	47, 49, 64	2, 3
Belgrade	45	2
Belmont	47, 49	2
Berwick	5	1
Biddeford	8, 9, 10	1
Blue Hill	59, 60, 65, 66, 67	3
Boothbay	16, 21, 24, 25	1, 2
Boothbay Hbr	24, 25	2
Bowdoin	20	1
Bowdoinham	20	1
Bremen	26, 34, 35	2
Brewer	76	3
Bristol	21, 25, 26, 27, 33, 34	2
Brooklin	54, 55, 59, 60	3
Brooks	49	2
Brooksville	48, 58, 59, 65	2, 3
Brunswick	17, 18, 19, 20	1
Bucksport	71, 72, 76	3
Calais	97, 98	4
Camden	42, 43, 47	2
Cape Elizabeth	11	1
Castine	48, 58, 64, 65	2, 3
Centerville	84, 89	4
Charlotte	94	4
Chelsea	40, 45, 46	2
Cherryfield	82	4
Columbia	82, 83	4
Columbia Falls	83, 84	4
Cranberry Isles	56, 57, 61, 62, 63	3
Criehaven Twp	23, 30, 31	2
Cumberland	12, 13, 14	1
Cushing	27, 35, 56	2
Cutler	86, 87, 88, 90, 91, 92	4
Damariscotta	33, 34	2
Deblois	82	4
Dedham	76	3
Deer Isle	44, 48, 53, 54, 55, 58, 59	2, 3
Dennysville	94	4
Dresden	20, 32, 40	1, 2
Durham	17	1
East Machias	89, 90	4
Eastbrook	73, 74	3
Eastport	95, 96	4
Eddington	76	3
Edgecomb	24, 25, 32, 33	2
Edmunds Twp	91, 92, 94, 95	4
Eliot	2, 5	1
Ellsworth	66, 67, 68, 73	3
Falmouth	12, 13	1
Farmingdale	40, 45, 46	2
Frankfort	71	3
Franklin	68, 69, 73, 74	3
Freeport	13, 17, 18	1

TOWN	MAP NUMBERS	VOL
Frenchboro	55, 56, 57, 60	3
Friendship	26, 27, 34, 35	2
Gardiner	40	2
Georgetown	15, 16, 19, 24	1, 2
Gorham	10	1
Gouldsboro	62, 63, 69, 70, 77, 78	3, 4
Hallowell	45, 46	2
Hampden	71, 75, 76	3
Hancock	68, 69, 73	3
Harpswell	13, 14, 15, 17, 18, 19	1
Harrington	79, 82, 83	4
Hermon	75	3
Holden	76	3
Hope	41, 42	2
Isle Au Haut	39, 50, 51, 53, 54, 55	2, 3
Islesboro	43, 44, 47, 48	2
Jonesboro	84, 85, 89	4
Jonesport	80, 81, 84, 85, 86	4
Kennebunk	7, 8	1
Kennebunkport	7, 8, 9	1
Kittery	1, 2, 3, 4	1
Lamoine	68, 69	4
Lincolnville	47	2
Long Island	12, 13	1
Lubec	92, 93, 95, 96	4
Lyman	8	1
Machias	85, 86, 89, 90	4
Machiasport	85, 86, 90	4
Manchester	45	2
Mariaville	73	3
Marion Twp	90, 91, 94	4
Marshfield	89, 90	4
Matinicus Isle Plt	23, 27, 28, 29, 30, 31, 36, 37	2
Milbridge	77, 78, 79, 82, 83	4
Monhegan Island Plt	22, 26, 27	2
Monroe	49	2
Mount Desert	60, 61, 62	3
Muscle Ridge Shoals Twp	28, 36, 37, 38	2
Newcastle	33	2
No 14 Twp	94	4
Nobleboro	33, 34	2
North Berwick	5, 6	1
North Haven	37, 38, 43, 44, 53	2, 3
North Yarmouth	17	1
Northfield	89	4
Northport	47, 48, 49, 64	2, 3
Ogunquit	6, 7	1
Old Orchard Beach	10	1
Orland	65, 66, 72	3
Orono	76	3
Orrington	71, 72, 75, 76	3
Owls Head	36, 37, 43	2
Pembroke	94, 95	4
Penobscot	58, 65, 66	3
Perkins Twp	20	1
Perkins Twp Swan Island	20	1
Perry	94, 95, 97	4
Phippsburg	15	1
Pittston	40	2
Pleasant Point Ind Res	95	4
Portland	11, 12, 13, 14	1
Pownal	17	1
Prospect	64, 71, 72	3
Randolph	40, 46	2

TOWN	MAP NUMBERS	VOL
Readfield	45	2
Richmond	20, 32, 40	1, 2
Robbinston	97	4
Rockland	36, 37, 42, 43	2
Rockport	42, 43	2
Roque Bluffs	85, 86	4
Saco	9, 10, 11	1
Saint George	22, 26, 27, 28, 35, 36	2
Scarborough	10, 11	1
Searsport	49, 64, 71	2, 3
Sedgwick	58, 59, 65, 66	3
Sidney	45, 46	2
Sorrento	69	3
South Berwick	5, 6	1
South Bristol	21, 25, 33	2
South Portland	10, 11, 12	1
South Thomaston	36, 37	2
Southport	16, 21, 24, 25	1, 2
Southwest Harbor	56, 57, 61	3
Steuben	70, 77, 78, 82	3, 4
Stockton Springs	64, 65, 71, 72	3
Stonington	53, 54	3
Sullivan	69, 70, 74	3
Surry	60, 66, 67	3
Swans Island	51, 54, 55, 56	3
Swanville	49	2
T10 SD	74	3
T16 MD	74	3
T18 ED BPP	89, 90	4
T7 SD	70, 78	3, 4
T8 SD	73	3
T9 SD	74	3
Thomaston	36, 42	2
Topsham	18, 19, 20	1
Tremont	55, 56, 60, 61	3
Trenton	60, 61, 67, 68	3
Trescott Twp	88, 91, 92, 93, 95	4
Union	41, 42	2
Vassalboro	46	2
Veazie	76	3
Verona	65, 72	3
Vinalhaven	31, 37, 38, 39, 44, 53	2
Waldo	49	2
Waldoboro	34, 35, 41	2
Waltham	73	3
Warren	35, 36, 41, 42	2
Washington	41	2
Wells	5, 6, 7, 8	1
West Bath	19	1
West Gardiner	45	2
Westbrook	12	1
Westport	24, 32	2
Whitefield	40, 46	2
Whiting	90, 92, 92	4
Whitneyville	85, 89	4
Windsor	46	2
Winter Harbor	62, 63, 69, 70, 77	3
Winterport	71, 72, 75	3
Winthrop	45	2
Wiscasset	24, 32, 33	
Woolwich	19, 20, 24, 32	1, 2
Yarmouth	12, 13, 17	1
York	2, 3, 4, 5, 6, 7	1

MAINE ENVIRONMENTAL VULNERABILITY INDEX MAPS

INTRODUCTION

This four volume set of Environmental Vulnerability Index Maps depicts environmental resources along the coast of Maine most at risk from oil spilled into the marine or estuarine environment. The maps show biological, geological and human use resources. It is important to note that these maps are not an exhaustive inventory of marine and estuarine species, but are a survey meant to give first responders a tool for prioritizing and targeting protection strategies.

The first maps of environmental resources sensitive to oil spills were prepared for Maine in 1985 in conjunction with the National Oceanic and Atmospheric Administration's Office of Response and Restoration. The 1989 Exxon Valdez oil spill in Alaska's Prince William Sound led to the federal Oil Pollution Control Act of 1990, which required that regional Area Contingency Plans be developed for oil spill preparation and response. Also in 1990, the state of Maine formed the Commission to Study Maine's Oil Spill Clean-Up Preparedness, out of which came funds from the legislature for identification of sensitive environmental resources. Several new data sets showing coastal marine geologic environments, coastal wildlife resources and marine resources and habitats were compiled, and Maine's first set of Environmental Vulnerability Index (EVI) maps, a 78 map series in 24 x 36 inch format, was published in 1999. This Version 2 series of EVI maps supercedes and expands upon the original 1999 maps.

The Environmental Vulnerability Index maps, now in 11 x 17 inch format, draw heavily upon standards published in NOAA Technical Memorandum NOS OR&R 11, "Environmental Sensitivity Index Guidelines"[1] in an effort to conform more closely with NOAA's Environmental Sensitivity Index mapping program. In particular, the map and data format, color scheme and symbology of the EVI maps mirror those of the national ESI program. The major difference with the EVI maps is that each data set is shown separately rather than in combination, and several data sets unique to Maine (such as essential habitat areas) are utilized as outlined in the sections below. Each map has an accompanying data sheet that gives specific information on species occurrence and life history.

Map Symbology: Data shown on the maps consist of polygon or point coverages and an accompanying label as shown on the description of each data set below and in the map legend. The symbol and polygon fill colors help to indicate what type of resource is being depicted. Threatened and endangered species are symbolized and outlined in red for ease of identification. Bird habitats shown as polygons are in green, as are bird symbols for those species that are not threatened or endangered. Rafting bird areas are outlined with colors that help to indicate which season they were present (red for fall, gray for winter, green for spring and yellow for summer). Fish symbols are blue, and shellfish areas are shown in yellow-orange. Eelgrass beds and marine worm areas are shown in purple and maroon, respectively. Human resources (aquaculture sites, herring weir sites, boat launches, etc.) are shown in black and white. The coastal marine geologic environments are also shown in colors to help indicate what is depicted: marshes are green, mudflats brown, beaches yellow, etc.

Bird Vulnerability Rankings: Unless otherwise indicated, bird habitat sites are ranked according to their importance for protection in the event of an oil spill in accordance with the Maine Department of Inland Fisheries and Wildlife's "Index of Vulnerability of Marine Birds to Oil Spills in Maine".[2] The method is a modification of the bird oil index developed by Speich, et al in 1991.[3] Season-specific index values were developed based on 5 seasons: nesting, post-nesting, fall migration, winter, and spring migration. The rankings incorporate the vulnerability of particular species as determined by behavior (roosting, escape behavior, flocking, nesting concentration and feeding specialization), as well as vulnerability as determined by population characteristics (population size, reproductive potential, and seasonal distribution). The rankings also incorporate the significance of the Maine coast population to the coastal New England / Maritime Canada population.

DATA SETS

THREATENED AND ENDANGERED SPECIES

Threatened and endangered species information is shown on the maps as a combination of essential habitat areas and areas where species are known to be located through occurrence records. Although many of these species will not be affected directly by an oil spill, they may be adversely affected by the response effort (e.g. staging areas). The appropriate state or federal designation is shown on the accompanying data sheets. For plants, and for species identified through occurrence records, threatened or endangered species are shown that are within 500 feet of a coastal marine geologic environment. No federally threatened or endangered plant species are found in coastal areas in Maine.

Maine's Endangered Species Act requires that both threatened and endangered species and their habitats be protected. Essential habitats are those that have been determined to be essential to the conservation of a species by the Maine Department of Inland Fisheries and Wildlife. Essential habitats have been identified for piping plovers, least terns, bald eagles and roseate terns.

Piping Plover / Least Tern Essential Habitat (PP/LT)
This coverage consists of 12 piping plover / least tern essential habitats. These areas should be a priority for protection between April and August, and include nesting, feeding and brood-rearing areas. Piping plovers are listed as endangered in Maine, and federally as threatened. Least terns are listed as endangered in Maine. The coverage was last revised in 2002.

Roseate Tern Essential Habitat (RT)
There are 22 identified roseate tern essential habitats. They are a priority for protection between June and September. Roseate terns are listed as endangered both federally and in Maine. The layer was last revised in 2002.

Bald Eagle Essential Habitat (BE)
There are 296 bald eagle essential habitats within the coastal townships. They are a priority for protection between February and September. Sites must be within a nesting area occupied in at least one of the three most recent years of the survey, and have either a nest that has existed for two consecutive years, or the only existing nest in that nesting area. Bald eagles are currently listed as threatened federally and in Maine. The data set was last updated in 2005.

Harlequin Duck Wintering Habitat (HD)
This coverage consists of 118 harlequin duck habitats. The vulnerability of the areas is ranked as Vulnerable, Moderately Vulnerable or Highly Vulnerable. Vulnerability is based on the maximum number of harlequin ducks observed at each site during the fall migration, winter, or spring migration seasons (November through March), in combination with the bird vulnerability rankings described in the last section. The highest rank was considered the overall site rank. The data was updated in 2005.

Atlantic Salmon Habitat
This data set was prepared by the U.S. Fish and Wildlife Service Gulf of Maine Project Office and the Maine Atlantic Salmon Commission. The original data set contains information on habitat categories and areal extent, as well as an indication of spawning and rearing potential of Atlantic Salmon habitats. The coverage was developed from field surveys. On November 13, 2000, the National Marine Fisheries Service and the U. S. Fish and Wildlife Service announced that Atlantic salmon populations in 8 Maine rivers (Dennys, East Machias, Machias, Pleasant, Narraguagus, Ducktrap and Sheepscot rivers and Cove Brook) were officially declared endangered. The data shown on the EVI are meant to be indicative only of the possible presence of Atlantic salmon in those rivers. Portions of the original data set showing selected tributaries of the Kennebec and Penobscot rivers have been removed.

Other Threatened or Endangered Species
(SA: sensitive animal or SP: sensitive plant)

This data layer includes zoological data maintained by the Maine Department of Inland Fisheries and Wildlife as part of "Biotics of NatureServe", an information management component of the Natural Heritage Program created by the Nature Conservancy (http://www.natureserve.org/prodServices/biotics.jsp). The data are mapped as points, and represent occurrence records for rare wildlife species in Maine. The EVI layer combines this zoological information with the locations of rare plants and rare and exemplary natural communities in Maine as mapped by the Maine Natural Areas Program, also as part of the Natural Heritage Program. Threatened and endangered animals and plants occurring within 500 feet of a coastal marine geologic environment are shown on the EVI maps. Species already identified in conjunction with essential habitat areas have been removed from the layer. The plant areas are polygons, and are shown, where appropriate, with both the "pushpin" symbol and a pattern outlining the extent of the area (). Both data sets were published in 2003.

Species of Special Concern
(SA: sensitive animal or SP: sensitive plant)

Species of Special Concern information is compiled from the same sources as the Threatened or Endangered Species above. Species of Special Concern are denoted with a yellow-orange pushpin and, where appropriate, with an associated fill symbol ().

SEABIRDS, SHOREBIRDS AND RAFTING BIRDS

Seabird Nesting Islands (##-###)

This data layer is a subset of the statewide coverage of seabird nesting islands (island, ledge or portion thereof) maintained by the Maine Department of Inland Fisheries and Wildlife. Data are representative of annual survey efforts. All islands are not surveyed annually but have been periodically surveyed since 1976. Each seabird nesting island (487) was ranked as Not Vulnerable, Vulnerable, Moderately Vulnerable or Highly Vulnerable for the nesting and post-nesting seasons. Seabird nesting islands that were ranked as "Not Vulnerable" during the 2004 season are not shown. The data include islands with a record of nesting seabird pairs, including but not limited to islands regulated under the Maine Department of Environmental Protection's Natural Resources Protection Act. Any island that has documentation of one or more nests of a seabird that is a Maine endangered or threatened species in any year during or since 1976 is outlined in red, as is its symbol. The data set was last revised in 2005.

Shorebird Areas (SB)

Shorebird staging habitat consists of coastal areas that provide both tidal mud flats rich in invertebrates for feeding and areas such as gravel bars and sand spits for roosting. Use of areas (feeding, roosting or both) was determined through surveys. Each of the 570 shorebird areas was ranked as Not Vulnerable, Vulnerable, Moderately Vulnerable or Highly Vulnerable for each of the following seasons: post nesting, fall, and winter, based on the number of each species observed at the site. The highest site rank was considered the overall site rank. Sites ranked as "Not Vulnerable" are not shown on the map. Due to the large number of shorebird areas and the repetition of species names, the accompanying data sheet combines all shorebirds on each map extent for the species list. A species list for each polygon is available. Unidentified species were removed from the site-specific species list under some conditions. The data set is from the Maine Department of Inland Fisheries and Wildlife, last updated in 2005.

Winter (W) Spring (Spr) Summer (Su) Fall (F) **Rafting Birds**

Rafting bird areas are based on data collected by Maine Department of Inland Fisheries and Wildlife staff in cooperation with the U.S. Fish and Wildlife Service. The data are from aerial surveys of coastal waterbirds conducted over several seasons from 2000 through 2004. Winter data were obtained from coastal mid-winter waterfowl surveys of 2004. Bird counts were combined with vulnerability rankings to calculate a density number in order to pinpoint the most important rafting bird habitat areas. Density contours were plotted, and areas with numbers indicating concentrations of 200 or more individuals are shown on the maps.

FISH

Diadromous Fish (DF)

Contains point locations of streams and rivers in Maine with runs and passages of anadromous and catadromous fish. Anadromous fish make wide use of coastal areas. During spawning periods adults pass into fresh water and spawn. Catadromous fish (eels) spawn in the ocean and return to fresh water as juveniles. The locations shown here represent the importance of a passage location as well as a larger area that is used seasonally by one or more fish species or life stages. Data for this coverage were screen digitized by the Maine Department of Marine Resources from the Coastal Marine Resources Inventory (1981 - 1984)[4] and Ecological Characterization of Coastal Maine (1980)[5], and were supplemented by U.S. Fish and Wildlife coverages provided by the Gulf of Maine Project Office based on Eipper, et al, 1982.[6]

Elver Runs (ER)

This layer from the Maine Department of Marine Resources shows point locations of major elver runs in Maine where commercial harvesting activities have taken place. Eels return in the spring from the Sargasso Sea as juveniles and large numbers pass into fresh water systems where they grow to adulthood. Others remain in coastal water, but all eventually return to the Sargasso Sea to spawn. Locations shown here are critical for those juvenile eels migrating into fresh water. The layer was last updated in 1996.

Herring Spawning Areas (HS)

These are point locations of important herring spawning areas in Maine[7], prepared specifically for the original oil spill response maps by the Maine Department of Marine Resources. Atlantic herring spawn in coastal water and on Georges Bank. They generally deposit eggs on the bottom in relatively deep water but egg beds have been found in shallow water downeast[8]. The layer was last revised in 1996.

SHELLFISH

Shellfish Beds (SF)

This coverage is a generalized representation of molluscan shellfish areas in Maine, based on a 1977 Maine Department of Marine Resources coastwide survey. Original mapping was done as a cooperative effort between the U.S. Environmental Protection Agency and Maine Department of Marine Resources staff. The layer used in the EVIs was digitized from the original mapping and the U.S. Fish and Wildlife Ecological Characterization of Coastal Maine.[5] The ECCM manuscripts were reviewed for accuracy against the original EPA/DMR maps. This layer was first published as a paper map layer by the Maine State Planning Office in 1977.

Mussel Seed Conservation Areas (MS)

This layer shows polygon locations of Maine mussel seed conservation areas as outlined in the Maine Department of Marine Resources' Rule 12.06. Mussel regulations were implemented in 1988 by the Department of Marine Resources in response to concerns within the industry and legislature that the intensity of the fishery that existed at that time was leading towards resource problems and conflicts between users. One of the major problems was the significant demand for seed mussels by the aquaculture industry. There was a fear that recruitment to the prime wild beds might be impaired if the seed was heavily harvested and transferred to lease sites. The solution was to find an alternate source of seed for the aquaculture industry. To this end, the mussel regulation established four "seed mussel conservation areas", from which only seed-size mussels may be removed for growout. A permit issued by the Department of Marine Resources is required to remove any mussels from the conservation areas.

Lobster Pounds (LP)

This layer shows coastal locations of lobster pounds, defined as intertidal/subtidal areas which have fixed structures for holding lobsters for a finite period of time. These structures may hold large numbers of lobsters and also trap oil, making them difficult to clean or replace. The name of the facility and contact information is

provided on the accompanying data sheet. This layer was updated in 2005.

HABITATS

Marine Worm Habitat

This layer is based on interviews with commercial marine bait worm harvesters and site visits carried out between October 2004 and May 2005. Information was compiled on a 1:24,000 base and screen digitized from original paper documents. Areas represented are known harvest locations and historically have sustained significant populations of the two annelid worm species, *Nereis virens* (sand worm) and *Glycera dibranchiata* (blood worm). The habitat delineated is primarily mixed and fine grained sediment which can be categorized as predominantly intertidal mud flats. Site specific studies associated with this mapping are documented in Atherton, Chen and Thayer, unpublished.[9]

Eelgrass Beds

This dataset depicts Maine's eelgrass meadows. Sections of the coast have been flown and photographed at a scale of 1:12,000 since 1992. The original 1992 Penobscot Bay flights were contracted by the Maine Department of Transportation, with photography interpreted by Dr. Fred Short of the University of New Hampshire. The remainder of the coast was originally flown in the July to October period between 1993 to 1997. Since that time updates have taken place in the 2002-2005 time period. These updates include the geographic area from Saco Bay to eastern Penobscot Bay. When possible throughout this study, photography has been acquired at the time of extreme low tides, low wind velocity, good water clarity, and maximum biomass of eelgrass. These factors aid in the detection of the subtidal portion of a bed. Verification has been carried out by boat, on foot, and by plane. Density categories have been eliminated from these maps to simplify display. Though dense patches of eelgrass approximately 6 meters in diameter and less can be identified under good conditions, a conservative estimate of the minimum mapping unit is 150 square meters. This represents a stand approximately 14 meters in diameter.

Seal Haul-Outs

Data for this layer were obtained from the "Digital Atlas of Seal Haul-out Sites in Maine: 1981-2001", authored by Dow, et al, December, 2005.[10] The atlas covers the coastal waters of Maine, from the Isles of Shoals to Cobscook Bay. Aerial surveys were conducted between 1981 and 2001. Seals and pups were identified from the aircraft and then counted using photos taken during the flight. Gray seals started appearing during surveys in 1997, and the areas shown may be either gray or harbor seals or both, although the vast majority are harbor seals. Surveys were conducted during two hours on either side of low tide, when the highest number of seals is expected to be hauled out. The seal haul-outs shown on the EVI maps are 967 distinct sites taken from the 6,973 total observations over the 20 year study. The complete data set can be downloaded and viewed at the OBIS-SEAMAP web site: http://seamap.env.duke.edu.

HUMAN RESOURCES

LOBSTER DEALERS (LD)

Lobster dealers typically run the wharf in the harbor the lobstermen fish out of, and where they return to sell their catch.[11] These facilities may have subsurface intakes that supply water to holding tanks, and/or floating crates or "cars" holding lobsters. This is an inventory of licensed Maine lobster dealer locations and contact information for wharved sites that buy lobsters from five or more lobster boats. These locations serve as the basis for the Lobster Port Sampling Program (http://www.maine.gov/dmr/rm/lobster/research.htm#P) carried out by the Maine Department of Marine Resources. Locations were last updated in 2005.

HERRING WEIR SITES (HW)

This layer, from the Maine Department of Marine Resources, shows point locations of herring weirs in Maine based on a 1990 overflight by the Maine Department of Marine Resources Marine Patrol. Contact information for these resources is included. The layer was published in 1991. For the most part, herring weirs have not been maintained in recent years. Those that have not been maintained may not be visible at high water and could pose a hazard to navigation.

AQUACULTURE SITES (AQ)

These are locations of Maine aquaculture leases issued by the Maine Department of Marine Resources. All aquaculture operations are marked with buoys and may have: (1) an extension mooring system for fish pens and suspended shellfish culture, (2) floating trays for juvenile shellfish, or (3) may be carried out on the bottom in the case of oysters and clams. The data show the primary species grown and the size of the aquaculture site, as well as contact information. The layer was updated in 2005. Additional information on the leasing program and new or changed lease locations can be found at http://www.maine.gov/dmr/aquaculture/index.htm.

CONSERVATION LANDS (CL)

The conservation lands layer is provided through the Maine Office of GIS and is based on data first compiled by the Maine State Planning Office in 1989. The layer shows conservation lands ownership for Maine land in federal, state and non-profit ownership with easements. The original data were compiled by contacting agencies and organizations to obtain locations of conservation and public lands. The data set was last updated in 1993, and should not be considered to be all-inclusive, but as an inventory only. The Maine State Planning Office is currently revising this data.

BOAT LAUNCHES (BL)

This coverage contains point data for 90 coastal state sponsored or assisted trailerable boat launches compiled by the Maine Department of Conservation, Bureau of Parks and Lands Boating Facilities Division. Division staff initially located points visually from experience and knowledge of sites in 1989. The locations were updated to greater precision by Maine Department of Environmental Protection GIS staff using aerial photos and maps. The data were last revised in 2003, and give an indication of what facilities are available at the launch. The user should be aware that there are many boat launches not included in this layer. The best reference for these is probably DeLorme's "Maine Atlas and Gazeteer", available in local outlets (www.delorme.com).

COASTAL BARRIER RESOURCE AREAS

Coastal barriers are unique land forms that provide protection for diverse aquatic habitats and serve as the mainland's first line of defense against the impacts of coastal storms and erosion. The Coastal Barrier Resource Act (CBRA) established the John H. Chafee Coastal Barrier Resources System, comprised of undeveloped coastal barriers along the Atlantic, Gulf and Great Lakes coasts. The law restricts federal expenditures that encourage development, such as federal flood insurance. The U.S. Fish and Wildlife Service advises federal agencies, landowners and Congress on whether properties are in or out of the CBRS, and what kind of federal expenditures are allowed.[12] The CBRS area boundaries were taken from the Federal Emergency Management Agency's Consolidated CBRA Q3 Flood Data, dated 1998. FEMA's Flood Insurance Rate Maps, or the U.S. Fish and Wildlife Service, should be consulted for more specific boundaries of the CBRS.

COASTAL MARINE GEOLOGIC ENVIRONMENTS

This coverage shows regional characteristics of the Maine coast, and was compiled by the Maine Geological Survey from a 1976 map series. The original map series identifies 55 coastal marine environments. These were condensed into 8 environments for the purposes of the original Environmental Vulnerability Index maps, based on the following criteria: (1) geologic environment, (2) persistence of stranded oil, (3) biological sensitivity, and (4) ease of cleanup. The coastal marine environments are shown in the legend from the most vulnerable (marshes) to least vulnerable (sand dunes - due to their location). Subtidal and altered coastline categories were dropped to help simplify the map.

ARCHAEOLOGICAL SITES

The Maine Historic Preservation Commission maintains a database of historic and archaeological resources. Because of the sensitivity of the data, these sites are not shown on the EVI maps, but are available for display through Maine's Mobile Oil Spill Information System, or mobile GIS, in the event of a spill. The GIS layer prepared for the EVI maps includes 2,500 "prehistoric" sites and 1,500 historic sites within 150 meters of the coast. The oldest of these are Native American "prehistoric" (or before recorded history) archaeological sites. These sites are mostly camping and village locations, including shell heaps along the coast, but they also include rock art, rock quarry and cemetery sites. The sites range in age from the time of European settlement back to the end of the last ice age, 12,000 years ago. Historic archaeological sites, such as farmstead, mill and tavern remains, record European settlement and native life in Maine after about 1600 A.D.[13] These sites are shown in the GIS coverage as 0.5 kilometer squares, within which the archaeological resource is found.

ACKNOWLEDGEMENTS

Many individuals and agencies contributed to this update of the Environmental Vulnerability Index Maps. Particular credit should go to Nicole Munkwitz of the Maine Department of Inland Fisheries and Wildlife and Seth Barker of the Maine Department of Marine Resources for the many hours of work they spent revising data sets and compiling life history information. Richard Dressler of MDIF&W and John Kenney, formerly of that agency, also laid much of the groundwork for the current update. Dr. Stephen Dickson and Peter Slovinsky of the Maine Geological Survey reviewed and critiqued geological information. Dr. Arthur Spiess and Liz Trautman of the Maine Historic Preservation Commission assembled a new data set for the GIS system. Stephen Lehmann of NOAA's Office of Response and Restoration contributed comments and his expertise for the map revision. At the Maine Department of Environmental Protection, Barbara Parker, Lyle Hall, Stephen Flannery and Sheryl Bernard reviewed the maps throughout the process, and Chris Halsted created a customized ArcMap tool to extract data from the maps. Ginger McMullin of DEP did the cartography and compiled the database information for the EVIs. The maps were created as a personal geodatabase in ArcMap 9.0 using the Map Book Developer Sample and Maplex extension.

Many others reviewed, were contacted, or contributed comments and additional information for the maps, including Stu Fefer of U.S. Fish & Wildlife's Gulf of Maine Project Office, Don Cameron of the Maine Natural Areas Program, Andrew Raddant of the U.S. Department of the Interior, Chris Boelke and Sean McDermott of the National Oceanic and Atmospheric Administration's Habitat Conservation Division of the National Marine Fisheries Service, Dave Gouveia of NOAA's National Marine Fisheries Service Marine Mammal Division, Wally Jakubas of Maine Inland Fisheries and Wildlife, Rick Schauffler, U.S. Fish & Wildlife Service, Steve Crawford, Environmental Director of the Pleasant Point Passamaquoddy Tribal Nation and John Banks, Director of Natural Resources for the Penobscot Nation. Many thanks to all who participated in this effort.

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MAP 50

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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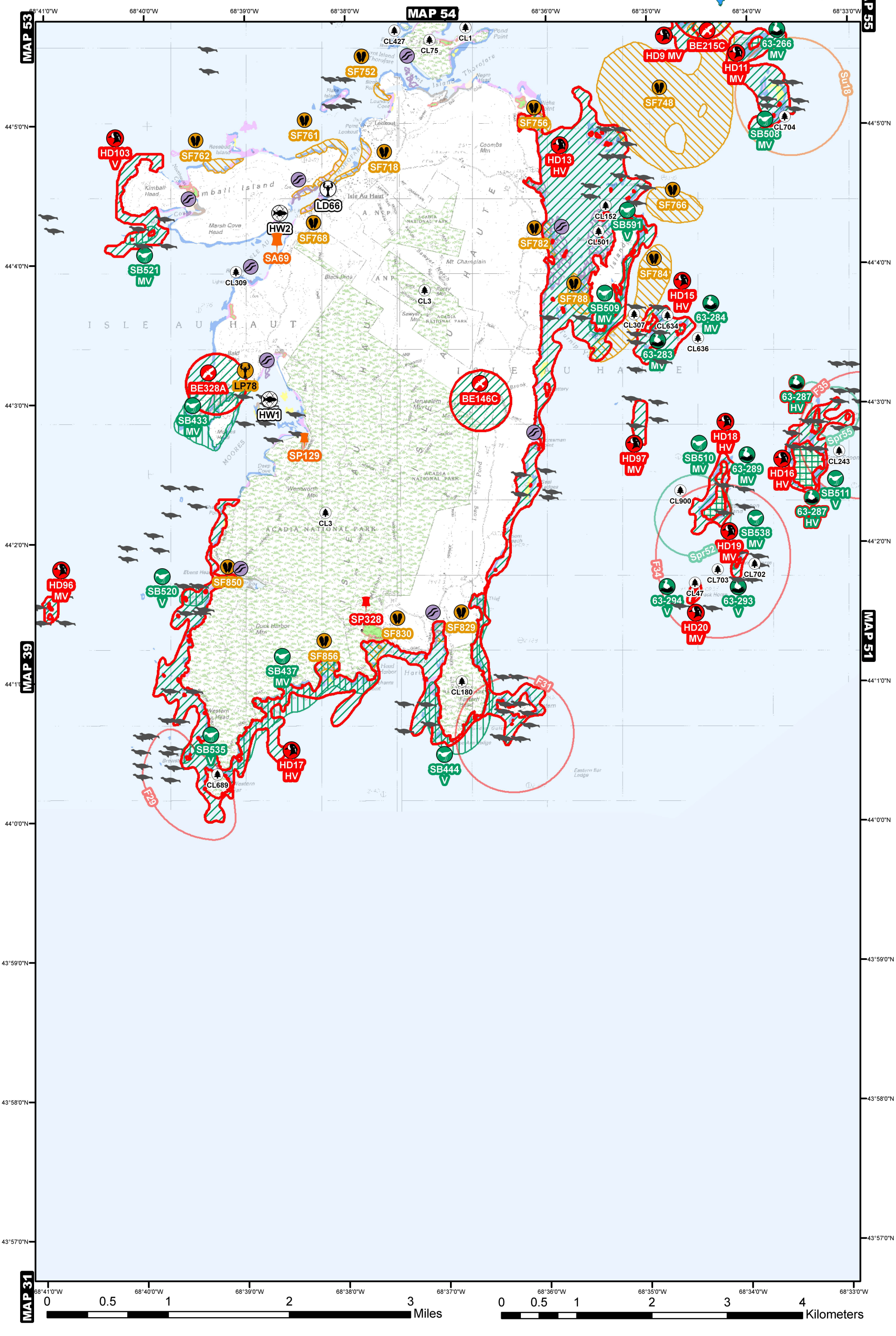

ENVIRONMENTAL SENSITIVITY MAP - 50

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-40-1 C-42-1

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
BE146C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE215C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE328A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
HD103	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD11	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD13	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD15	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD16	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD17	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD18	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD19	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD20	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD9	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD96	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD97	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SA69	Rare Animal	*SEE IF&W BIOLOGIST or GIS*		
SP129	Blinks	*Montia fontana*	SC	
SP328	Screwstem	*Bartonia paniculata*	T	

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
63-266	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Great Cormorant (breeding)	*Phalacrocorax carbo*	SSC		C C C	C C C	C C C	C C C	Mar.- Apr.	May - Aug.	Sep.- Oct.	Nov.- Feb.	
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
63-283	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
63-284	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
63-287	Arctic Tern	*Sterna paradisaea*	T			C C	C C U		May	May - Aug.	Aug.- Sep.		
	Arctic Tern	*Sterna paradisaea*	T			C C	C C U		May	May - Aug.	Aug.- Sep.		
	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	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.
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Great Cormorant (breeding)	*Phalacrocorax carbo*	SSC		C C C	C C C	C C C	C C C	Mar.- Apr.	May - Aug.	Sep.- Oct.	Nov.- Feb.	
	Great Cormorant (breeding)	*Phalacrocorax carbo*	SSC		C C C	C C C	C C C	C C C	Mar.- Apr.	May - Aug.	Sep.- Oct.	Nov.- Feb.	
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Leach's Storm-petrel	*Oceanodroma leucorhoa*	SSC			U C C	C C C	C	Apr.- May	May - Aug.	Sep.- Oct.		
	Leach's Storm-petrel	*Oceanodroma leucorhoa*	SSC			U C C	C C C	C	Apr.- May	May - Aug.	Sep.- Oct.		
63-289	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Great Cormorant (breeding)	*Phalacrocorax carbo*	SSC		C C C	C C C	C C C	C C C	Mar.- Apr.	May - Aug.	Sep.- Oct.	Nov.- Feb.	
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
63-293	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Great Cormorant (breeding)	*Phalacrocorax carbo*	SSC		C C C	C C C	C C C	C C C	Mar.- Apr.	May - Aug.	Sep.- Oct.	Nov.- Feb.	
	Great Cormorant (breeding)	*Phalacrocorax carbo*	SSC		C C C	C C C	C C C	C C C	Mar.- Apr.	May - Aug.	Sep.- Oct.	Nov.- Feb.	
63-294	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	

SHORE BIRDS (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
Ruddy Turnstone	*Arenaria interpres*				U C C	C C C	U U	Apr.- Jun.		Jul.- Nov.		
Purple Sandpiper	*Calidris maritima*			C C C	C U		U C C	Apr.- May		Oct.- Nov.	Nov.- Apr.	

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
F29	Unidentified Scoter	*Melanitta spp.*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
F31	Unidentified Scoter	*Melanitta spp.*			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.
F34	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Great Black-backed Gull	*Larus marinus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
F35	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
Spr52	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.
Spr55	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	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.
Su18	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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF718	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

ENVIRONMENTAL SENSITIVITY MAP - 50

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-40-1 C-42-1

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF748	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF752	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF756	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF761	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF762	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF766	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF768	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF782	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF784	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF788	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF829	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF830	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF850	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF856	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

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.

LOBSTER POUNDS (LP)

LOBSTER DEALERS (LD)

HERRING WEIR SITES (HW)

EVI NO	NAME	CONTACT / ADDRESS	PHONE	SIZE
HW1	Gordon Chapin	Isle Au Haut, ME 04645		
HW2	John Blaisdell	Isle au Haut, ME 04645		
LD66	Lobster Association	Jack McDonald	335-2201	
LP78	Isle au Haut Lobstermen's	Jack MacDonald	335-2201	40000SF

CONSERVATION LANDS (CL)

EVI NO	NAME
CL1	UNIDENTIFIED
CL152	DOLIVER ISLAND
CL180	EASTERN HEAD
CL243	GREAT SPOON ISLAND
CL3	ACADIA NATIONAL PARK
CL307	ISLAND
CL309	ISLE AU HAUT LIGHT
CL427	MOUSE ISLAND
CL47	BLACK HORSE
CL501	RABBIT'S EAR
CL634	THE COW PEN
CL636	THE COWPEN
CL689	WESTERN EAR
CL702	WHITE HORSE 1
CL703	WHITE HORSE 2
CL704	WHITE LEDGES 2
CL75	BURNT ISLAND
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

MAP 51

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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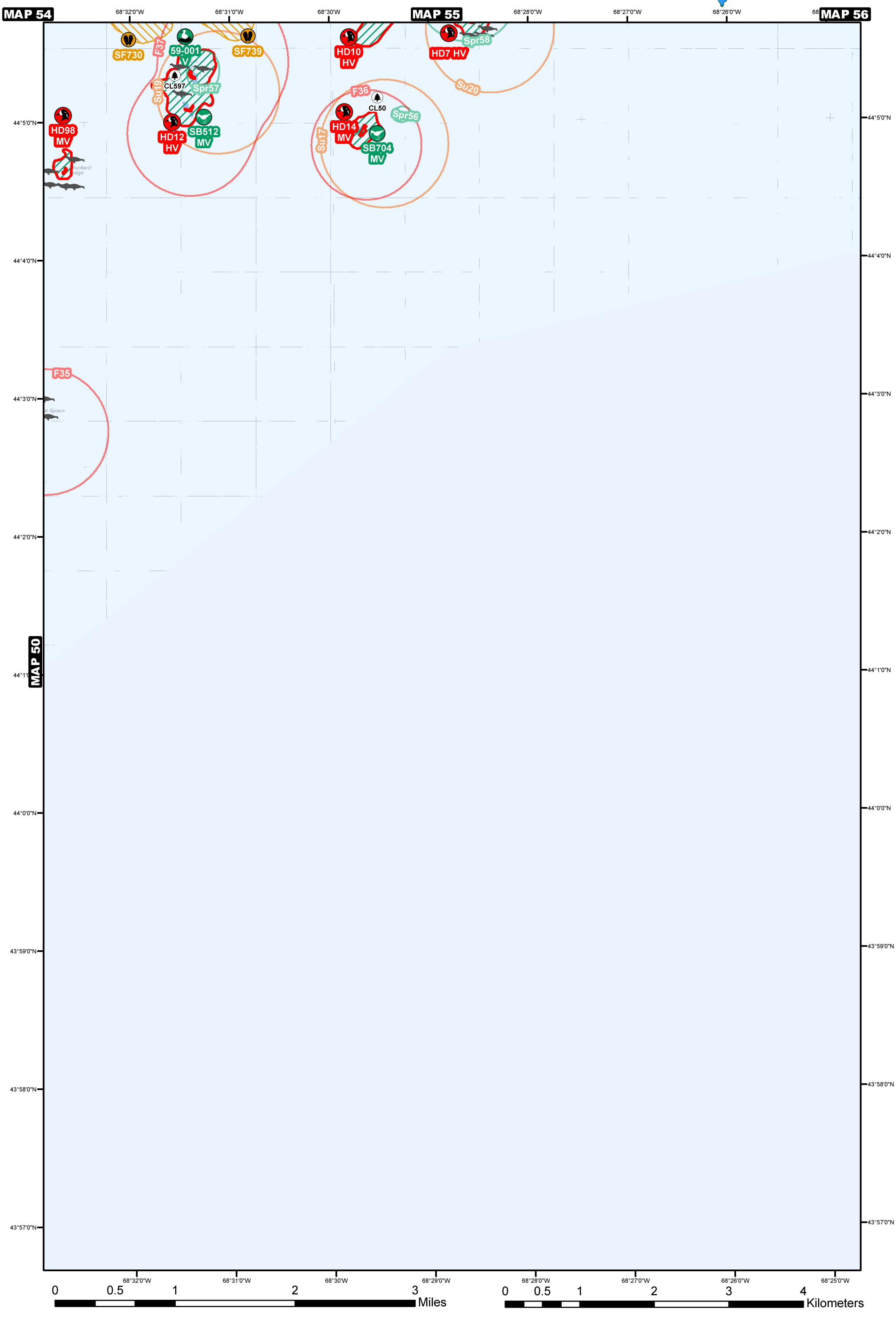

ENVIRONMENTAL SENSITIVITY MAP - 51

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-40-1 C-42-1

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
HD10	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD12	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD14	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD7	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD98	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	

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
59-001	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	

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
Purple Sandpiper	*Calidris maritima*			C C C	C U		U C C	Apr.- May		Oct.- Nov.	Nov.- Apr.	

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
F35	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
F36	Unidentified Scoter	*Melanitta spp.*			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.
	Black Scoter	*Melanitta nigra*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
F37	Unidentified Scoter	*Melanitta spp.*			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.
Spr56	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.
	Black Scoter	*Melanitta nigra*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
Spr57	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.
Spr58	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	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.
	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.
Su17	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.
Su19	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.
Su20	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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF730	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF739	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.

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.

CONSERVATION LANDS (CL)

EVI NO	NAME
CL50	BLACK LEDGE
CL597	SPIRIT LEDGE

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

MAP 52

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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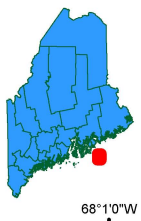

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MAP 57

68°8'0"W 68°7'0"W 68°6'0"W 68°5'0"W 68°4'0"W 68°3'0"W 68°2'0"W 68°1'0"W

44°5'0"N 44°4'0"N 44°3'0"N 44°2'0"N 44°1'0"N 44°0'0"N 43°59'0"N 43°58'0"N 43°57'0"N

0 0.5 1 2 3 Miles

0 0.5 1 2 3 4 Kilometers

ENVIRONMENTAL SENSITIVITY MAP - 52

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA:

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
HD102	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	

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.

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)

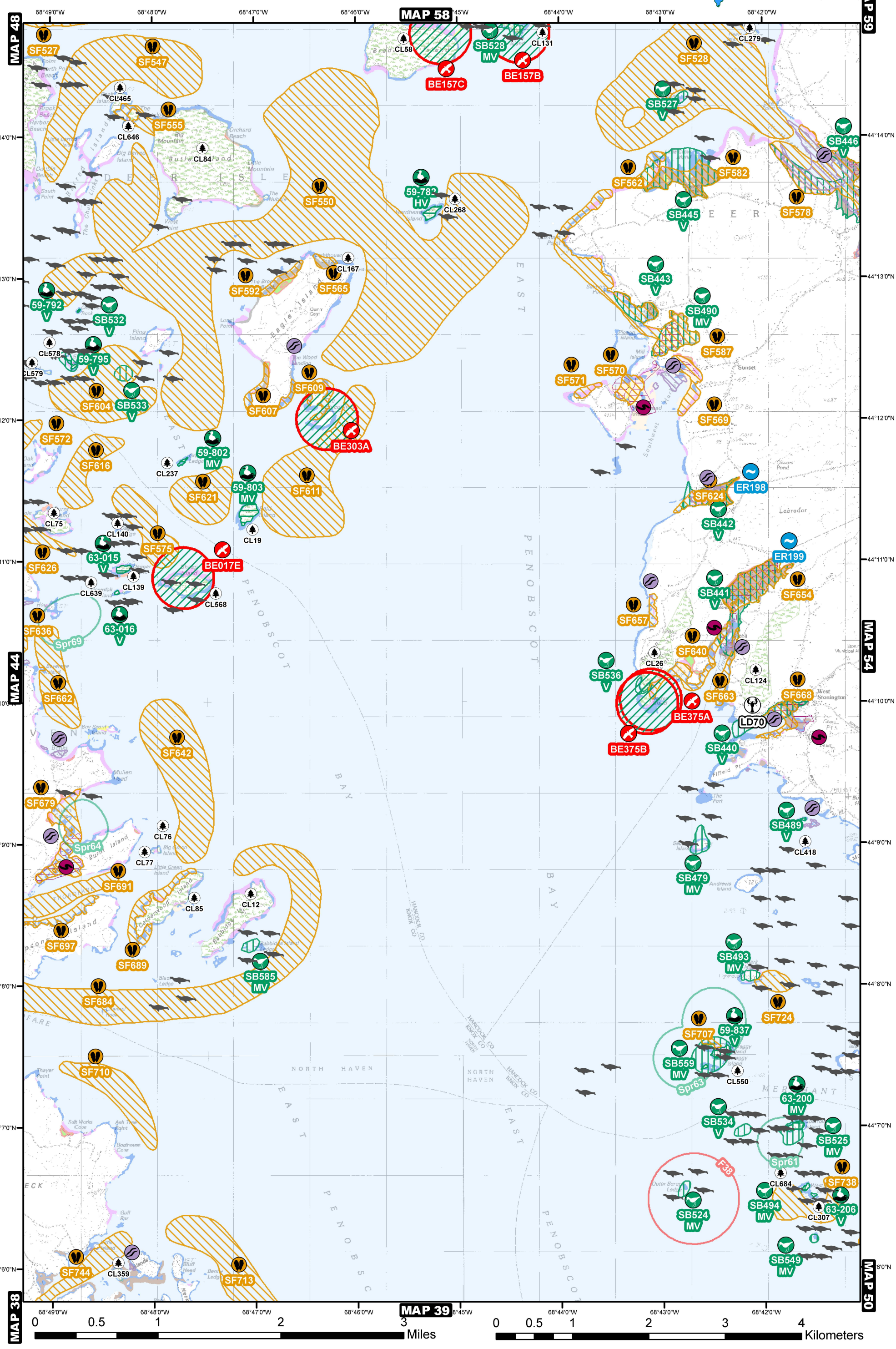
Coastal Barrier Resources System Area

MAP 53

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.
1:45,000



ENVIRONMENTAL SENSITIVITY MAP - 53

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-33-1 C-34-1 C-35-1 C-36-1 C-37-1

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
BE017E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE157B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE157C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE303A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE375A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE375B	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
59-782	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-792	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.
59-795	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.
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-802	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-803	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
59-836	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.
	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.	
59-837	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.
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
63-015	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
63-016	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
63-200	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
63-206	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	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
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Short-billed Dowitcher	*Limnodromus griseus*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Ruddy Turnstone	*Arenaria interpres*				U C C	C C C	U U	Apr.- Jun.		Jul.- Nov.		
Red Knot	*Calidris canutus*					U U U	U			Jul.- Oct.		
Purple Sandpiper	*Calidris maritima*			C C C	C U		U C C	Apr.- May		Oct.- Nov.	Nov.- Apr.	
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		
Greater Yellowlegs	*Tringa melanoleuca*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		

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
F38	Long-tailed Duck	*Clangula hyemalis*			C C C	C U	U	C C C	Mar.- Apr.		Sep.- Dec.	Sep.- 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.
Spr61	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.
Spr63	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.
Spr64	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.
	Black Scoter	*Melanitta nigra*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
Spr69	Unidentified Scoter	*Melanitta spp.*			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.

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
ER198	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER199	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF527	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF528	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF547	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF550	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF555	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF562	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF565	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF569	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF570	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF571	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF572	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF575	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 - 53

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-33-1 C-34-1 C-35-1 C-36-1 C-37-1

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 R=RARE)	JUVENILE	ADULT
SF578	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF582	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF587	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF592	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF604	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF607	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF609	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF611	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF616	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF621	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF624	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF626	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF636	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF640	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF642	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF654	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF657	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF662	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF663	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF668	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF679	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF684	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF689	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF691	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF697	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF707	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF710	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF713	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF714	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF724	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF738	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF744	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.

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.

LOBSTER POUNDS (LP) LOBSTER DEALERS (LD) HERRING WEIR SITES (HW)

EVI NO	NAME	CONTACT / ADDRESS	PHONE	SIZE
HW3	Jeff Boyce	Stonington, ME 04681	367-2722	
LD70	Fifield's Lob.		367-2313	

CONSERVATION LANDS (CL)

EVI NO	NAME
CL12	BABBIDGE ISLAND
CL124	CROCKETT COVE WOODS PRESERVE
CL131	CROW ISLAND
CL139	DAGGER ISLAND
CL140	DAGGER LEDGE
CL167	EAGLE ISLAND LIGHT
CL19	BALD ISLAND
CL237	GRASS LEDGE
CL244	GREAT SPRUCE HEAD ISLAND
CL26	BARRED ISLAND PRESERVE
CL268	HARDHEAD ISLAND
CL279	HEART ISLAND
CL307	ISLAND
CL359	LITTLE HEN ISLAND
CL418	MOOSE ISLAND LEDGE
CL465	PEAK ISLAND
CL550	SCRAGGY ISLAND
CL568	SHEEP ISLAND, NORTH HAVEN
CL578	SLOOP ISLAND
CL579	SLOOP ISLAND LEDGE
CL58	BRADBURY ISLAND PRESERVE
CL639	THE DOWNFALL
CL646	THE SUGARLOAF
CL684	WEST HALIBUT ISLAND
CL75	BURNT ISLAND
CL76	BURNT ISLAND LEDGE 1
CL77	BURNT ISLAND LEDGE 2
CL84	BUTTER ISLAND
CL85	CALDERWOOD ISLAND

MARINE GEOLOGY LAYERS

Ranked most to least vulnerable

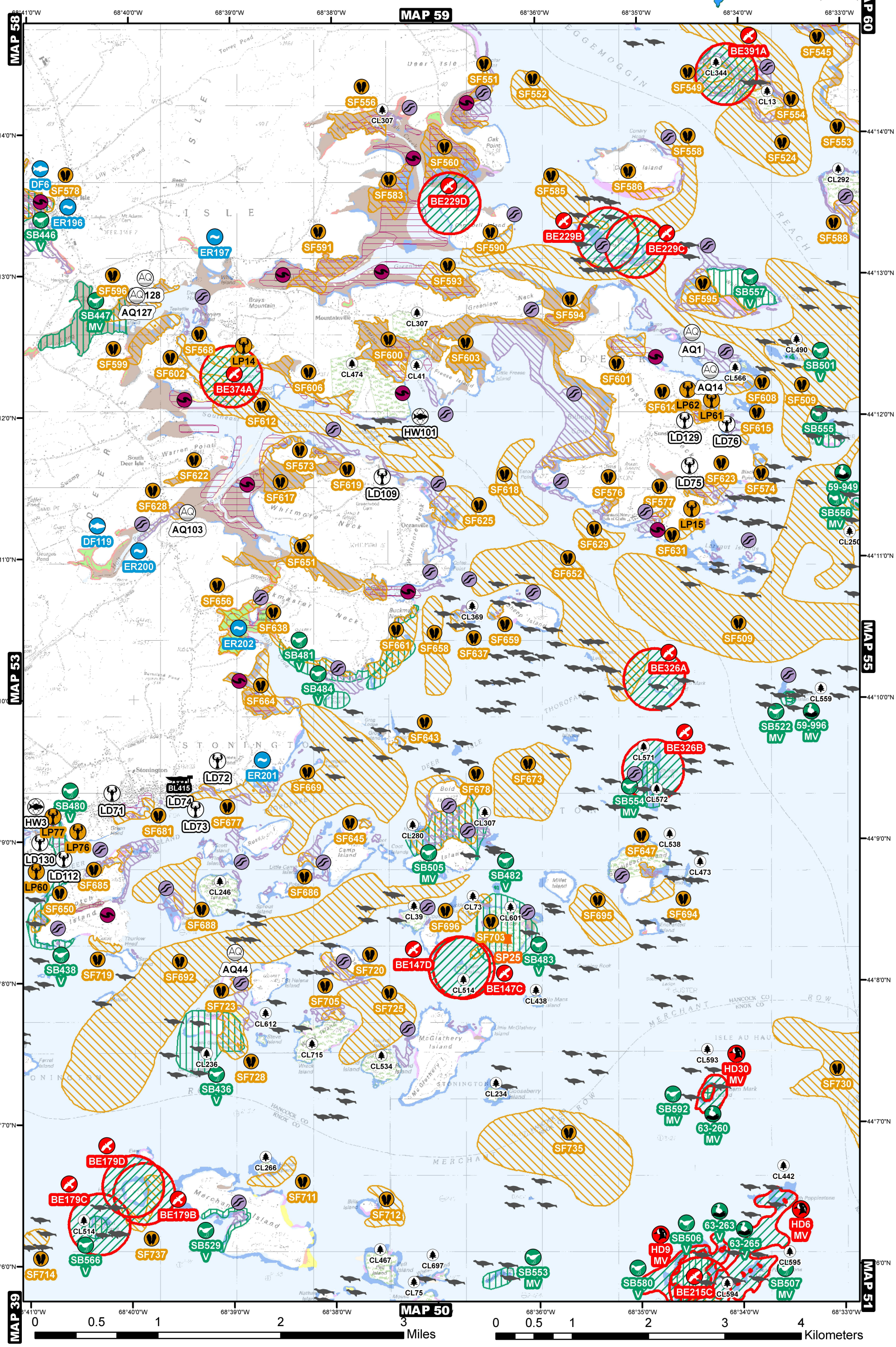
- Marshes (1)
- Mud Flats, Sheltered (2)
- Coarse Flats & Bars, Exposed (3)
- Coarse Beaches & Riprap (4)
- Mixed & Low Energy Beaches (5)
- Sand Beaches (6)
- Rocky Shores (7)
- Sand Dunes (8)
- Coastal Barrier Resources System Area

MAP 54

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.
1:45,000



ENVIRONMENTAL SENSITIVITY MAP - 54

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-33-1 C-35-1 C-36-1 C-37-1 C-42-1 C-44-1 C-45-1

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
BE147C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE147D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE179B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE179C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE179D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE215C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE229B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE229C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE229D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE326A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE326B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE374A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE391A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
HD30	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD6	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD9	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SP25	Mountain Sandwort	*Minuartia groenlandica*	SC	

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
59-949	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
59-996	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
63-260	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Great Cormorant (breeding)	*Phalacrocorax carbo*	SSC		C C C	C C C	C C C	C C C	Mar.- Apr.	May - Aug.	Sep.- Oct.	Nov.- Feb.	
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
63-263	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
63-265	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	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.
	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.
	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.
	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.
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		

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
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Sanderling	*Calidris alba*				U U	C C C	C U	May - Jun.		Jul.- Nov.		
Ruddy Turnstone	*Arenaria interpres*				U C C	C C C	U U	Apr.- Jun.		Jul.- Nov.		
Red Knot	*Calidris canutus*					U U U	U			Jul.- Oct.		
Purple Sandpiper	*Calidris maritima*			C C C	C U		U C C	Apr.- May		Oct.- Nov.	Nov.- Apr.	
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		
Least Sandpiper	*Calidris minutilla*				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.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
DF6	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
DF119	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER196	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER197	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER200	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER201	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER202	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
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.
SF524	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF545	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF549	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
SF551	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF552	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF553	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.

ENVIRONMENTAL SENSITIVITY MAP - 54

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-33-1 C-35-1 C-36-1 C-37-1 C-42-1 C-44-1 C-45-1

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 R=RARE)	JUVENILE	ADULT
	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF554	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
SF556	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF558	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF560	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF568	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF573	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF574	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF576	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF577	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF578	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF583	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF585	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF586	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF588	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
SF590	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF591	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF593	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF594	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF595	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF596	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF599	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF600	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF601	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF602	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF603	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF606	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF608	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF612	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF614	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF615	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF617	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF618	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF619	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF622	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF623	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF625	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF628	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF629	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF631	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF637	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF638	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF643	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF645	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF647	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF650	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF651	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF652	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF656	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF658	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF659	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF661	blue mussel	*Mytilus edulis*			x x x	x x x	x x x	x x x	Jun.-Sep.	Jun.-Sep.	Jan-Dec	Jan.-Dec.
SF664	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF669	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF673	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF677	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF678	blue mussel	*Mytilus edulis*			x x x	x x x	x x x	x x x	Jun.-Sep.	Jun.-Sep.	Jan-Dec	Jan.-Dec.
SF681	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF685	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF686	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF688	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF692	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF694	blue mussel	*Mytilus edulis*			x x x	x x x	x x x	x x x	Jun.-Sep.	Jun.-Sep.	Jan-Dec	Jan.-Dec.
SF695	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF696	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF703	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF705	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF711	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF712	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF714	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF719	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF720	blue mussel	*Mytilus edulis*			x x x	x x x	x x x	x x x	Jun.-Sep.	Jun.-Sep.	Jan-Dec	Jan.-Dec.
SF723	blue mussel	*Mytilus edulis*			x x x	x x x	x x x	x x x	Jun.-Sep.	Jun.-Sep.	Jan-Dec	Jan.-Dec.
SF725	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF728	blue mussel	*Mytilus edulis*			x x x	x x x	x x x	x x x	Jun.-Sep.	Jun.-Sep.	Jan-Dec	Jan.-Dec.
SF730	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF735	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF737	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF748	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.

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.

LOBSTER POUNDS (LP) LOBSTER DEALERS (LD) HERRING WEIR SITES (HW)

EVI NO	NAME	CONTACT / ADDRESS	PHONE	SIZE
HW101	Frank E. Jones	RFD 1, Box 473, Stonington, ME	367-5849	
LD109	Sunshine Seafood			
LD112	Colwell Bros.	Tom Colwell	367-2246	
LD129	Bob's Seafood		348-6194	
LD130	Seafoods East		367-5336	
LD71	Green Head Lobster Co.		367-2281	
LD72	Stonington Coop #1		367-5535	
LD73	North Atlantic Seafood		367-5020	
LD74	Stonington Coop #2	Skip Greenlaw	367-2286	
LD75	Conary Cove Lob.		348-6185	
LD76	C.E. Heanssler		348-2557	
LP14	Charles Miller	inactive?		0SF
LP15	Heanssler Lobster Co.	C.E. Heanssler	346-2557	75000SF
LP60	Seafood East	H. Billings & S. Buxton	367-5143	65000SF
LP61	Conary Cove Lobster	Basil Heanssler	348-6185	250000SF
LP62	Conary Cove Lobster	Basil Heanssler	348-6185	0SF
LP76	Colwell Bros.	Tom Colwell	367-2246	150000SF
LP77	Colwell Bros.	Tom Colwell	367-2246	0SF

ENVIRONMENTAL SENSITIVITY MAP - 54

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-33-1 C-35-1 C-36-1 C-37-1 C-42-1 C-44-1 C-45-1

AQUACULTURE SITES (AQ)

EVI NO	PRIMARY SPECIES	CONTACT / ADDRESS	PHONE	SIZE
AQ1	blue mussels	Carter Newell	207-372-6317	13AC
AQ103	oysters	Scott Ingraham	207-359-2174	0.01AC
AQ127	oysters	Danny Weed	207-359-0902	2.95AC
AQ128	oysters	Danny Weed	207-359-0902	2.95AC
AQ14	blue mussels	Carter Newell	207-372-6317	25AC
AQ44	blue mussels	Ed Hutchinson	207-367-5166	1.86AC

CONSERVATION LANDS (CL)

EVI NO	NAME
CL13	BABSON ISLAND
CL234	GOOSEBERRY ISLAND
CL236	GORGE HEAD LEDGE
CL246	GREEN ISLAND
CL250	GREEN LEDGE
CL266	HARBOR ISLAND
CL280	HELLS HALF ACRE
CL292	HOG ISLAND
CL307	ISLAND
CL344	LITTLE BABSON ISLAND
CL369	LITTLE SHEEP ISLAND
CL39	BIG COOMBS ISLAND
CL41	BIG HAY ISLAND
CL438	NO MANS ISLAND
CL442	NORTH POPPLESTONE LEDGE
CL467	PELL ISLAND
CL473	PHOEBE LEDGE
CL474	PICKERING COVE
CL490	POTATO ISLAND
CL514	RAM ISLAND
CL534	ROUND ISLAND PRESERVE
CL538	SADDLEBACK ISLAND
CL559	SHABBY ISLAND
CL566	SHEEP ISLAND
CL571	SHINGLE ISLAND
CL572	SHINGLE ISLAND LEDGE
CL593	SOUTH MARK ISLAND
CL594	SOUTH POPPLESTONE LEDGE 1
CL595	SOUTH POPPLESTONE LEDGE 2
CL601	SPRUCE ISLAND
CL612	STEVE ISLAND
CL697	WHEAT ISLAND
CL715	WRECK ISLAND PRESERVE
CL73	BUCKLE ISLAND
CL75	BURNT ISLAND

BOAT LAUNCHES (BL)

(state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL415	STONINGTON	TR	6	N	ALL	N

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)

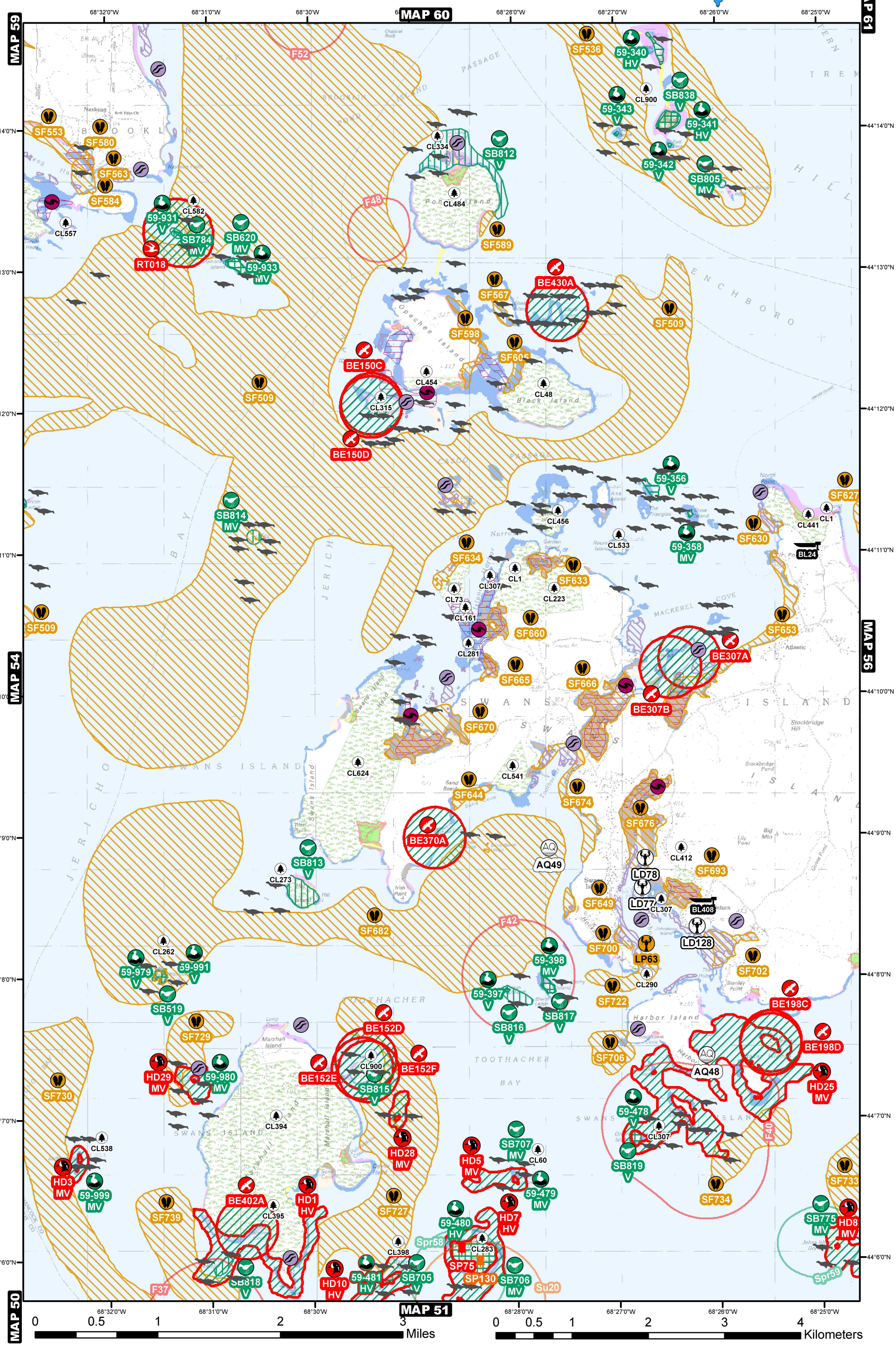
Coastal Barrier Resources System Area

MAP 55

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.
1:45,000



ENVIRONMENTAL SENSITIVITY MAP - 55

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-41-1 C-42-1 C-43-1 C-44-1 C-45-1 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
BE150C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE150D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE152D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE152E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE152F	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE198C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE198D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE307A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE307B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE370A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE402A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE430A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
HD1	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD10	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD25	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD28	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD29	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD3	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD5	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD7	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD8	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
RT018	Roseate Tern	*Sterna dougallii*	E	E		C C	C C		May	May - Aug.			

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SP130	Blinks	*Montia fontana*	SC	
SP75	Salt-marsh Sedge	*Carex recta*	T	

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
59-340	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.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-341	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.
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
	Leach's Storm-petrel	*Oceanodroma leucorhoa*	SSC			U C C	C C C	C	Apr.- May	May - Aug.	Sep.- Oct.		
59-342	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.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-343	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.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-356	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.
59-358	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.
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-397	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-398	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-478	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
59-479	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Great Cormorant (breeding)	*Phalacrocorax carbo*	SSC		C C C	C C C	C C C	C C C	Mar.- Apr.	May - Aug.	Sep.- Oct.	Nov.- Feb.	
59-480	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Leach's Storm-petrel	*Oceanodroma leucorhoa*	SSC			U C C	C C C	C	Apr.- May	May - Aug.	Sep.- Oct.		
59-481	Arctic Tern	*Sterna paradisaea*	T			C C	C C U		May	May - Aug.	Aug.- Sep.		
	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Great Cormorant (breeding)	*Phalacrocorax carbo*	SSC		C C C	C C C	C C C	C C C	Mar.- Apr.	May - Aug.	Sep.- Oct.	Nov.- Feb.	
59-931	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
59-933	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-949	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
59-979	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-980	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.
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
59-991	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
59-999	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	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.
	Great Cormorant (breeding)	*Phalacrocorax carbo*	SSC		C C C	C C C	C C C	C C C	Mar.- Apr.	May - Aug.	Sep.- Oct.	Nov.- Feb.	
	Great Cormorant (breeding)	*Phalacrocorax carbo*	SSC		C C C	C C C	C C C	C C C	Mar.- Apr.	May - Aug.	Sep.- Oct.	Nov.- Feb.	

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
Ruddy Turnstone	*Arenaria interpres*				U C C	C C C	U U	Apr.- Jun.		Jul.- Nov.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		
Dunlin	*Calidris alpina*				U U	U C	C C	May - Jun.		Aug.- 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.		
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
American Oystercatcher	*Haematopus palliatus*				U U	U U U			May - Aug.			
Red Knot	*Calidris canutus*					U U U	U			Jul.- Oct.		
White-rumped Sandpiper	*Calidris fuscicollis*					U U U	U			Jul.- Oct.		

ENVIRONMENTAL SENSITIVITY MAP - 55

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-41-1 C-42-1 C-43-1 C-44-1 C-45-1 C-51-1

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
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.		
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Upland Sandpiper	*Bartramia longicauda*	T			U U U	U U U		Apr.- May	May - Aug.	Aug.- Sep.		
Willet	*Catoptrophorus semipalmatus*				U C C	C C C		Apr.- May	May - Aug.	Aug.- Sep.		
Purple Sandpiper	*Calidris maritima*			C C C	C U		U C C	Apr.- May		Oct.- Nov.	Nov.- Apr.	

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
F37	Unidentified Scoter	*Melanitta spp.*			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.
F40	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
F42	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.
F48	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.
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.
Spr58	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	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.
	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.
Spr59	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.
Su20	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
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.
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.
SF545	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF553	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF563	blue mussel	*Mytilus edulis*			x x x	x x x	x x x	x x x	Jun.-Sep.	Jun.-Sep.	Jan-Dec	Jan.-Dec.
SF567	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF580	blue mussel	*Mytilus edulis*			x x x	x x x	x x x	x x x	Jun.-Sep.	Jun.-Sep.	Jan-Dec	Jan.-Dec.
	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF584	blue mussel	*Mytilus edulis*			x x x	x x x	x x x	x x x	Jun.-Sep.	Jun.-Sep.	Jan-Dec	Jan.-Dec.
SF588	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
SF589	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF598	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF605	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF627	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF630	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF633	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF634	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF644	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF649	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF653	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF660	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF665	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF666	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF670	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF674	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF676	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF682	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF693	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF700	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF702	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF706	clam ocean quahog	*Arctica islandica*			x x x	x x x	x x x	x x x	Jul.-Sep.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF722	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF727	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF729	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF730	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF733	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF734	clam ocean quahog	*Arctica islandica*			x x x	x x x	x x x	x x x	Jul.-Sep.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF739	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.

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.

LOBSTER POUNDS (LP)

LOBSTER DEALERS (LD)

HERRING WEIR SITES (HW)

EVI NO	NAME	CONTACT / ADDRESS	PHONE	SIZE
LD128	Underwater Taxi		526-4204	
LD77	Swan's Is. Coop		526-4327	
LD78	Kent's Wharf		526-4186	
LP63	Swans Is. Fishermans Co	Kathy Clark	526-4327	90000SF

AQUACULTURE SITES (AQ)

EVI NO	PRIMARY SPECIES	CONTACT / ADDRESS	PHONE	SIZE
AQ48	atlantic salmon	David Miller or Bob Sweeney	207-255-6714	18.83AC
AQ49	atlantic salmon	David Miller or Bob Sweeney	207-255-6714	18AC

CONSERVATION LANDS (CL)

EVI NO	NAME
CL1	UNIDENTIFIED
CL161	DUCK ISLAND
CL223	GARDEN COVE
CL250	GREEN LEDGE
CL262	HALIBUT ROCKS
CL273	HAT ISLAND

ENVIRONMENTAL SENSITIVITY MAP - 55

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-41-1 C-42-1 C-43-1 C-44-1 C-45-1 C-51-1

CONSERVATION LANDS (CL)

EVI NO	NAME
CL281	HEN ISLAND
CL283	HERON ISLAND
CL290	HOCKAMOCK HEAD LIGHT
CL292	HOG ISLAND
CL307	ISLAND
CL315	JOHNS ISLAND
CL334	LAMP ISLAND
CL394	MARSHALL ISLAND
CL395	MARSHALL ISLAND II
CL398	MASON LEDGE
CL412	MILL POND
CL441	NORTH POINT
CL454	OPECHEE ISLAND
CL456	ORONO ISLAND
CL48	BLACK ISLAND
CL484	POND ISLAND
CL533	ROUND ISLAND
CL538	SADDLEBACK ISLAND
CL541	SAND COVE
CL557	SELLERS ISLAND
CL582	SMUTTYNOSE ISLAND
CL60	BRIMSTONE ISLAND
CL624	SWANS ISLAND HEAD
CL73	BUCKLE ISLAND
CL900	MAINE COASTAL ISLANDS NWR

BOAT LAUNCHES (BL) (state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL24	SWANS ISLAND	TR		Y	ALL	N
BL408	SWANS ISLAND	TR		N	PART	N

MARINE GEOLOGY LAYERS

Ranked most to least vulnerable

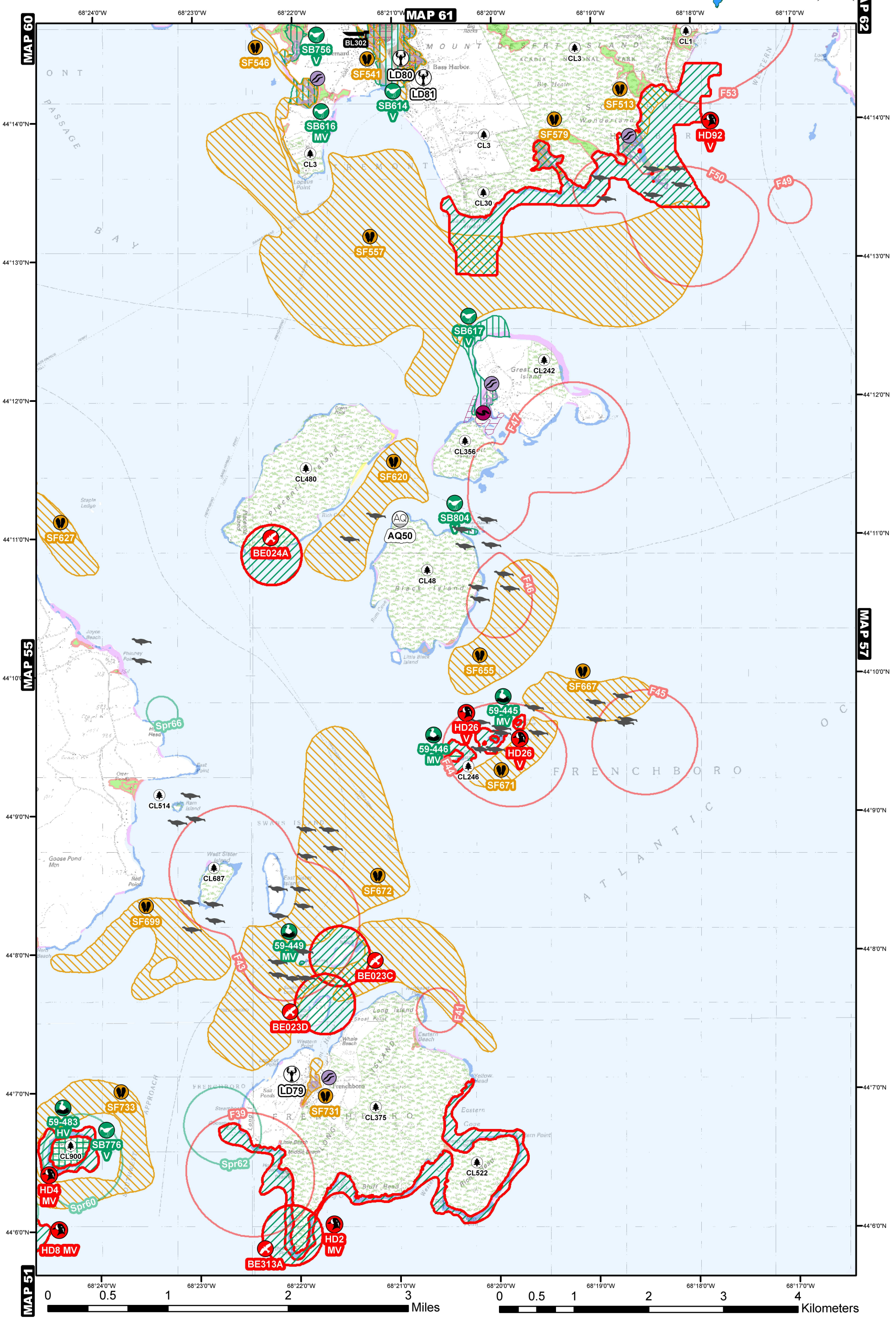
- Marshes (1)
- Mud Flats, Sheltered (2)
- Coarse Flats & Bars, Exposed (3)
- Coarse Beaches & Riprap (4)
- Mixed & Low Energy Beaches (5)
- Sand Beaches (6)
- Rocky Shores (7)
- Sand Dunes (8)
- Coastal Barrier Resources System Area

MAP 56

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.
1:45,000



ENVIRONMENTAL SENSITIVITY MAP - 56

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-43-1 C-51-1 C-52-1 C-53-1 C-54-1 C-55-1

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
BE023C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE023D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE024A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE313A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
HD2	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD26	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD4	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD8	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD92	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	

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
59-445	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-446	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-449	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
59-483	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Great Cormorant (breeding)	*Phalacrocorax carbo*	SSC		C C C	C C C	C C C	C C C	Mar.- Apr.	May - Aug.	Sep.- Oct.	Nov.- Feb.	
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	

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
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Short-billed Dowitcher	*Limnodromus griseus*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Purple Sandpiper	*Calidris maritima*			C C C	C U		U C C	Apr.- May		Oct.- Nov.	Nov.- Apr.	
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		
Least Sandpiper	*Calidris minutilla*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Killdeer	*Charadrius vociferus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Sep.- Nov.		
Greater Yellowlegs	*Tringa melanoleuca*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		

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
F39	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	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.
F41	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.
F43	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.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
F44	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.
F45	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.
	Unidentified Scoter	*Melanitta spp.*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
F46	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.
	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.
	Unidentified Scoter	*Melanitta spp.*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
F47	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
F49	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
F50	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.
	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.
	Great Black-backed Gull	*Larus marinus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
F53	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.
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
Spr59	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.
Spr60	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.
	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.
Spr62	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.
	Surf Scoter	*Melanitta perspicillata*			C C C	C C U	U U U	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
Spr66	Surf Scoter	*Melanitta perspicillata*			C C C	C C U	U U U	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.
	Unidentified Scoter	*Melanitta spp.*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	

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
SF513	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF541	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF546	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF557	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF579	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF620	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF627	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF655	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF667	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF671	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 - 56

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-43-1 C-51-1 C-52-1 C-53-1 C-54-1 C-55-1

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF672	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF699	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF731	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF733	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.

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.

LOBSTER POUNDS (LP) LOBSTER DEALERS (LD) HERRING WEIR SITES (HW)

EVI NO	NAME	CONTACT / ADDRESS	PHONE	SIZE
LD79	David Lunt		334-2923	
LD80	Thurston Co.	Michael Radcliff	326-8833	
LD81	C.H. Rich		244-3485	

AQUACULTURE SITES (AQ)

EVI NO	PRIMARY SPECIES	CONTACT / ADDRESS	PHONE	SIZE
AQ50	atlantic salmon	David Miller or Bob Sweeney	207-255-6714	15AC

CONSERVATION LANDS (CL)

EVI NO	NAME
CL1	UNIDENTIFIED
CL239	GREAT CRANBERRY ISLAND
CL242	GREAT GOTT ISLAND
CL246	GREEN ISLAND
CL3	ACADIA NATIONAL PARK
CL30	BASS HARBOR HEAD LIGHT
CL356	LITTLE GOTT ISLAND
CL375	LONG ISLAND
CL48	BLACK ISLAND
CL480	PLACENTIA ISLAND
CL514	RAM ISLAND
CL522	RICHS HEAD
CL687	WEST SISTER ISLAND
CL900	MAINE COASTAL ISLANDS NWR

BOAT LAUNCHES (BL)

(state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL302	TREMONT	TR	13	Y	ALL	Y

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

MAP 57

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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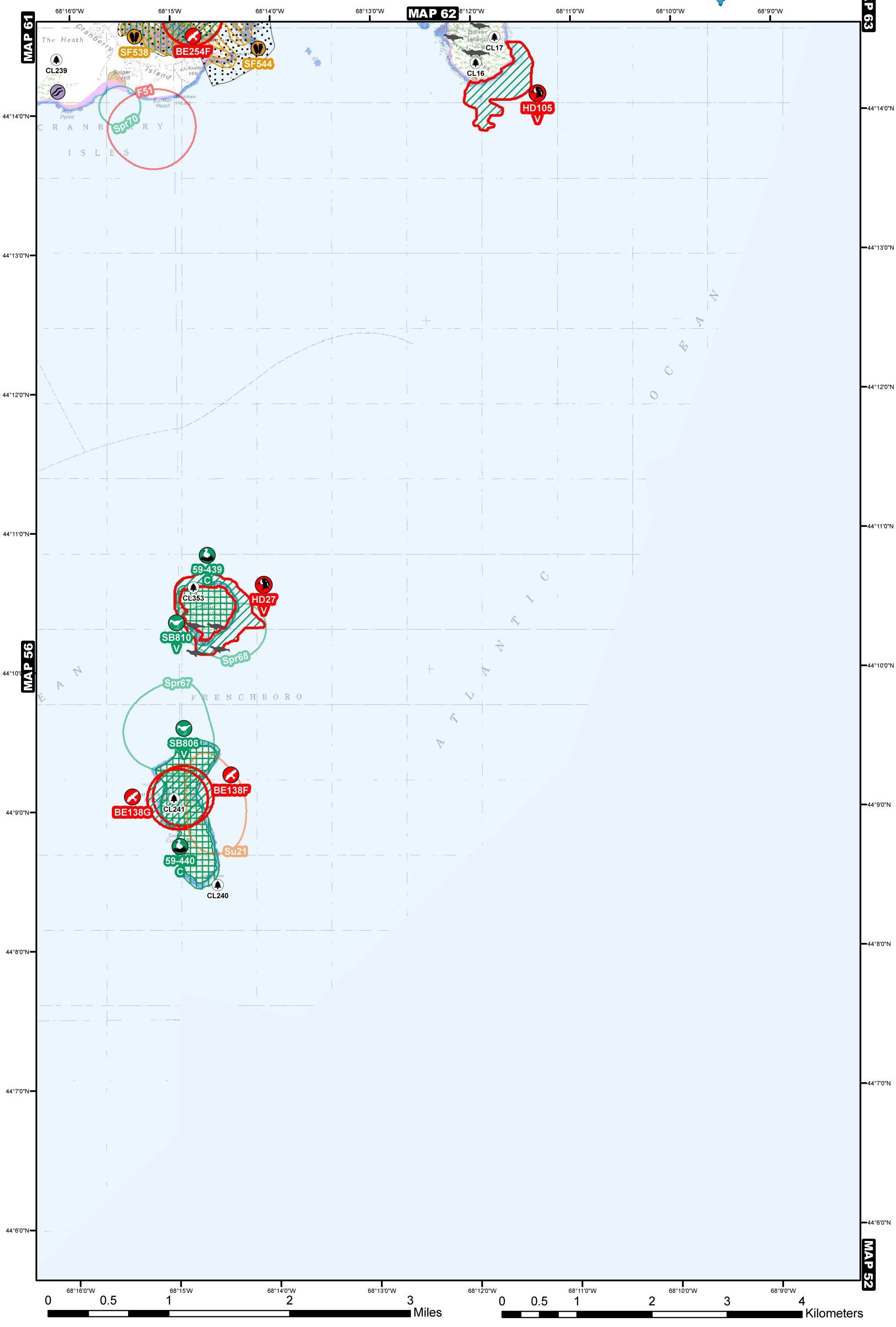

ENVIRONMENTAL SENSITIVITY MAP - 57

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-53-1 C-54-1 C-55-1

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
BE138F	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE138G	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE254F	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
HD105	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD27	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	

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
59-439	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Great Cormorant (breeding)	*Phalacrocorax carbo*	SSC		C C C	C C C	C C C	C C C	Mar.- Apr.	May - Aug.	Sep.- Oct.	Nov.- Feb.	
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Leach's Storm-petrel	*Oceanodroma leucorhoa*	SSC			U C C	C C C	C	Apr.- May	May - Aug.	Sep.- Oct.		
59-440	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Leach's Storm-petrel	*Oceanodroma leucorhoa*	SSC			U C C	C C C	C	Apr.- May	May - Aug.	Sep.- Oct.		

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
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Sanderling	*Calidris alba*				U U	C C C	C U	May - Jun.		Jul.- Nov.		
Ruddy Turnstone	*Arenaria interpres*				U C C	C C C	U U	Apr.- Jun.		Jul.- Nov.		
Purple Sandpiper	*Calidris maritima*			C C C	C U		U C C	Apr.- May		Oct.- Nov.	Nov.- Apr.	
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Greater Yellowlegs	*Tringa melanoleuca*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		

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
F51	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
Spr67	Surf Scoter	*Melanitta perspicillata*			C C C	C C U	U U U	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.
	Black Scoter	*Melanitta nigra*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
Spr68	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.
Spr70	Unidentified Scoter	*Melanitta spp.*			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.
Su21	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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF538	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF544	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

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.

CONSERVATION LANDS (CL)

EVI NO	NAME
CL1	UNIDENTIFIED
CL16	BAKER ISLAND
CL17	BAKER ISLAND LIGHT
CL239	GREAT CRANBERRY ISLAND
CL240	GREAT DUCK ISLAND LIGHT
CL241	GREAT DUCK ISLAND PRESERVE
CL353	LITTLE DUCK ISLAND

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

MAP 58

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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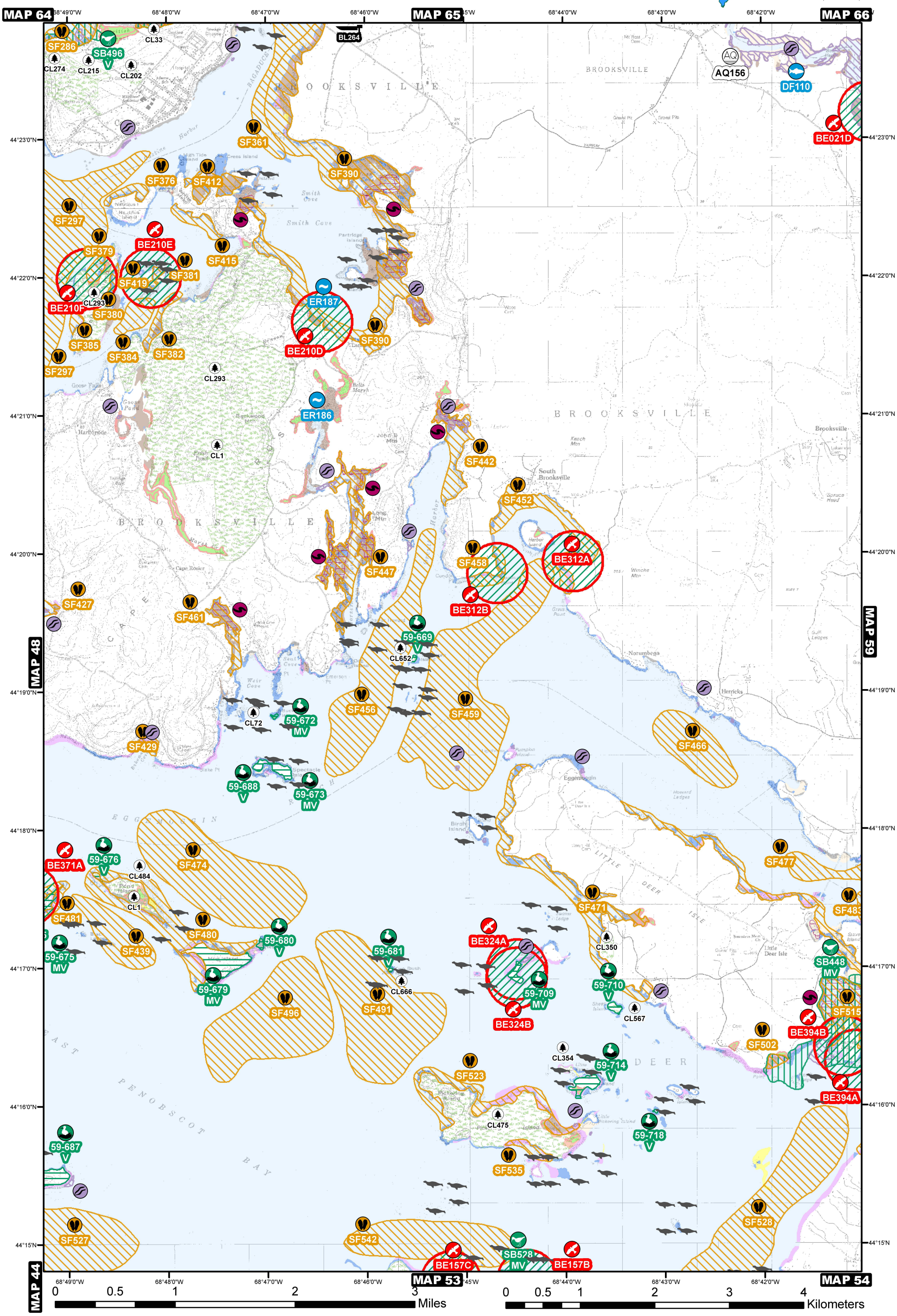


ENVIRONMENTAL SENSITIVITY MAP - 58

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-21-1 C-22-1 C-28-1 C-37-1 C-38-1

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
BE021D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE157B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE157C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE210D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE210E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE210F	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE312A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE312B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE324A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE324B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE371A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE394A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE394B	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
59-669	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-672	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.
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
59-673	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-675	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
59-676	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
59-679	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
59-680	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
59-681	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.
59-687	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.
59-688	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
59-709	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.
59-710	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.
59-714	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.
59-718	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.

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
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Whimbrel	*Numenius phaeopus*	SSC				U U U				Jul.- Sep.		
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Ruddy Turnstone	*Arenaria interpres*				U C C	C C C	U U	Apr.- Jun.		Jul.- Nov.		
Purple Sandpiper	*Calidris maritima*			C C C	C U		U C C	Apr.- May		Oct.- Nov.	Nov.- Apr.	
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		
Least Sandpiper	*Calidris minutilla*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Killdeer	*Charadrius vociferus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Sep.- Nov.		
Greater Yellowlegs	*Tringa melanoleuca*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
DF110	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
ER186	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER187	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF286	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF297	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF361	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF376	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF379	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF380	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF381	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF382	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF384	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF385	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF390	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF394	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF412	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF415	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF419	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF427	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF429	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

ENVIRONMENTAL SENSITIVITY MAP - 58

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-21-1 C-22-1 C-28-1 C-37-1 C-38-1

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 R=RARE)	JUVENILE	ADULT
SF439	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF442	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF447	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF452	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF456	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF458	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF459	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF461	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF466	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF471	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF473	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF474	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF477	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF480	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF481	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF483	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF491	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF496	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF502	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF515	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF523	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF527	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF528	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF535	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF542	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.

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
AQ156	oysters	Jesse Leach	207-326-4719	4.13AC

CONSERVATION LANDS (CL)

EVI NO	NAME
CL1	UNIDENTIFIED
CL131	CROW ISLAND
CL202	FORT GEORGE STATE HISTORIC SITE
CL215	FREDERICK D. FOOTE FAMILY NATURAL AREA
CL274	HATCH NATURAL AREA
CL293	HOLBROOK ISLAND SANCTUARY STATE PARK
CL33	BATTERY GOSSELIN STATE HISTORIC SITE
CL350	LITTLE DEER ISLE
CL354	LITTLE EATON ISLAND
CL475	PICKERING ISLAND
CL484	POND ISLAND
CL567	SHEEP ISLAND PRESERVE
CL58	BRADBURY ISLAND PRESERVE
CL652	THRUMCAP ISLAND
CL666	TWO BUSH ISLAND
CL72	BUCK ISLAND

BOAT LAUNCHES (BL)

(state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL264	DOC	LF		N	ALL	N

MARINE GEOLOGY LAYERS

Ranked most to least vulnerable

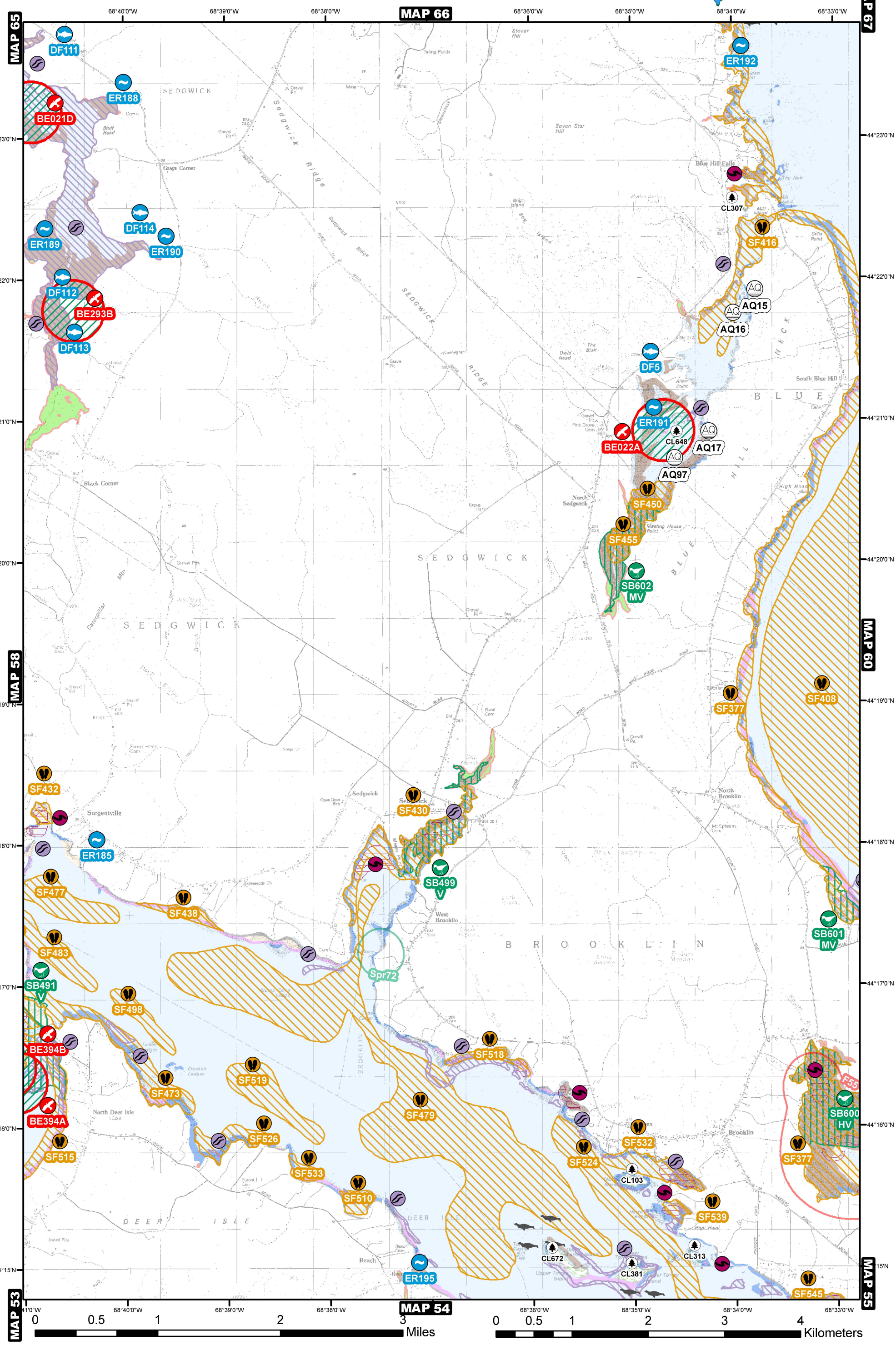
Marshes (1)
Mud Flats, Sheltered (2)
Coarse Flats & Bars, Exposed (3)
Coarse Beaches & Riprap (4)
Mixed & Low Energy Beaches (5)
Sand Beaches (6)
Rocky Shores (7)
Sand Dunes (8)
Coastal Barrier Resources System Area

MAP 59

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.
1:45,000



ENVIRONMENTAL SENSITIVITY MAP - 59

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-37-1 C-38-1 C-39-1 C-45-1 C-46-1

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
BE021D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE022A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE293B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE394A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE394B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	

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.		
Unidentified Dowitcher	*Limnodromus spp.*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Dunlin	*Calidris alpina*				U U	U C	C C	May - Jun.		Aug.- Nov.		
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.		
Long-billed Dowitcher	*Limnodromus scolopaceus*					U U U	U			Jul.- Oct.		
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.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		
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.		
Whimbrel	*Numenius phaeopus*	SSC				U U U				Jul.- Sep.		
White-rumped Sandpiper	*Calidris fuscicollis*					U U U	U			Jul.- Oct.		
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		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
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.
Spr72	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.

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
DF5	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
DF111	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
DF112	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
DF113	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
DF114	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
ER185	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER188	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER189	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER190	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER191	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER192	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER195	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
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.
SF388	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.
SF416	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF430	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF432	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF438	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF450	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF455	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF473	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF477	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF479	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF483	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF498	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF510	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF515	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF518	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF519	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF524	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF526	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF532	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF533	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF539	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF545	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

ENVIRONMENTAL SENSITIVITY MAP - 59

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-37-1 C-38-1 C-39-1 C-45-1 C-46-1

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
AQ15	blue mussels	Evan Young	207-266-5345	19AC
AQ16	blue mussels	Evan Young	207-266-5345	19AC
AQ17	blue mussels	Evan Young	207-266-5345	19AC
AQ97	oysters	Michael Sheahan	207-359-5005	0.01AC

CONSERVATION LANDS (CL)

EVI NO	NAME
CL103	CHATTO ISLAND
CL307	ISLAND
CL313	JOES ISLAND
CL381	LOWER TORREY ISLAND
CL648	THIRD ISLAND
CL672	UPPER TORREY ISLAND

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

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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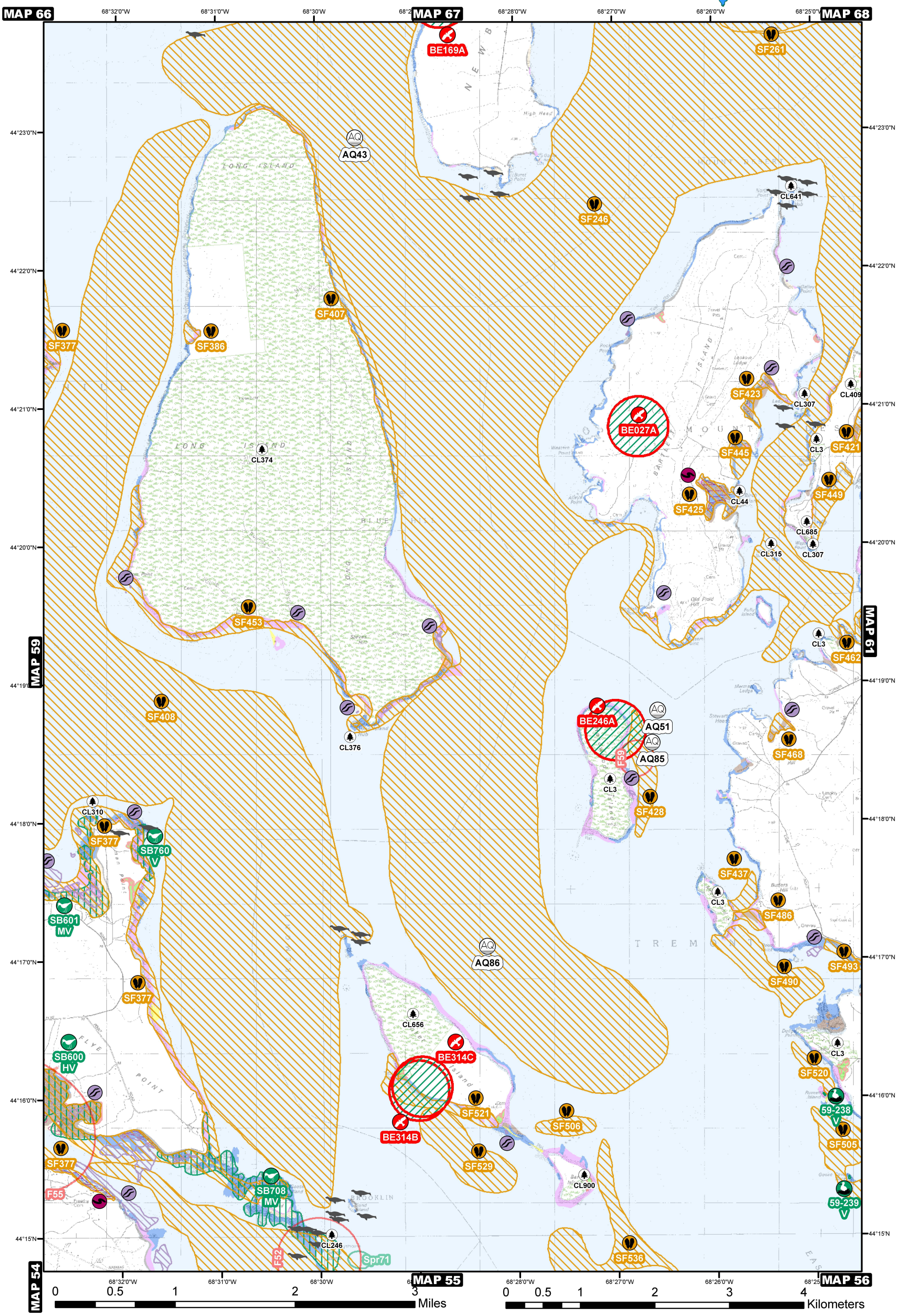

ENVIRONMENTAL SENSITIVITY MAP - 60

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

MAP 61

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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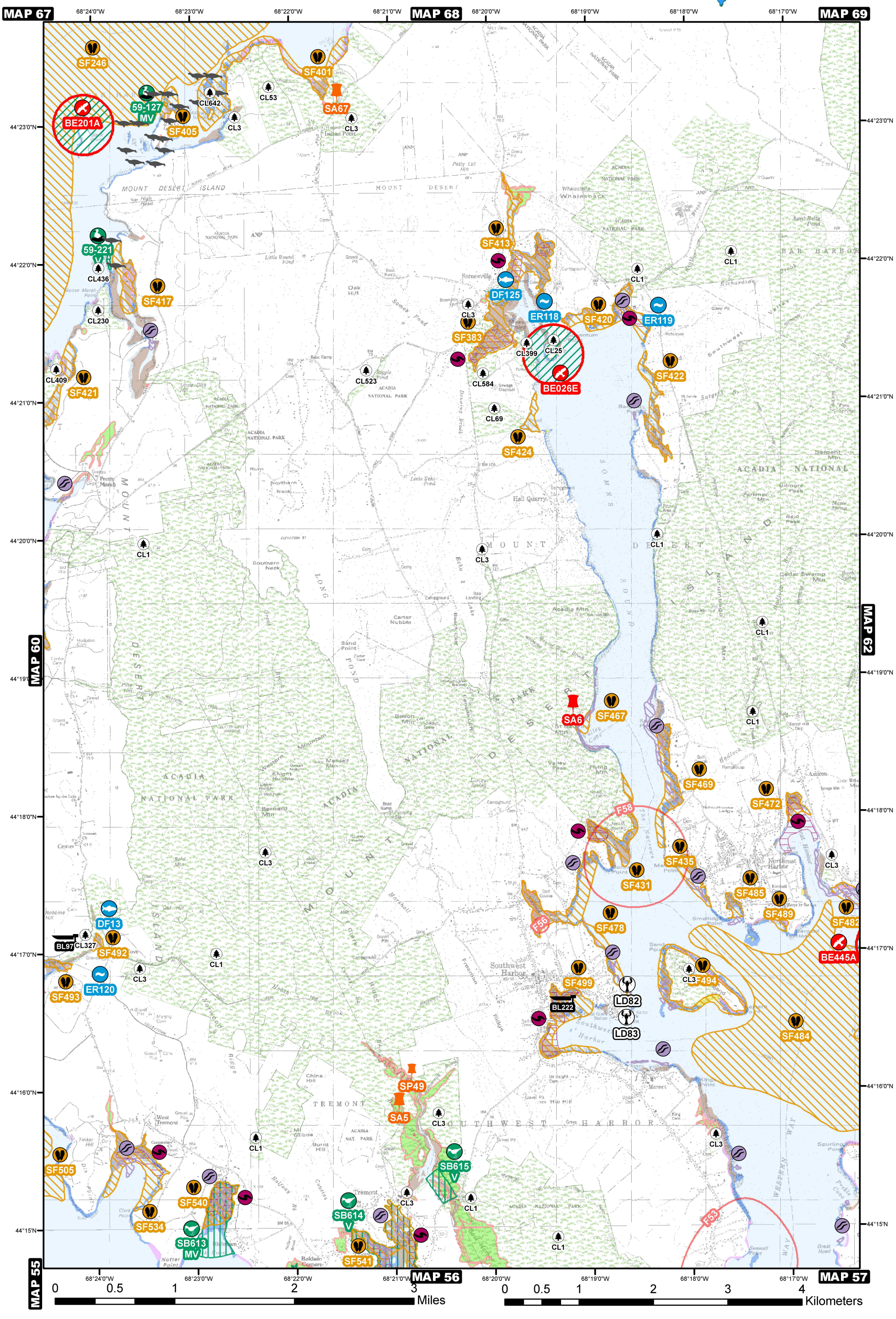


ENVIRONMENTAL SENSITIVITY MAP - 61

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-50-1 C-50-2 C-51-1 C-52-1 C-53-1 C-55-1 C-56-1

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
BE026E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE201A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE445A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
SA5	Least Bittern	*Ixobrychus exilis*	SC			U U U	U U U	U	Apr.- May	May - Aug.	Aug.-Oct.		
SA6	Peregrine Falcon	*Falco peregrinus*	E	FSC	U U U	U U U	U U C	C U U	Apr. -May	May -Aug.	Aug. -Oct.	Nov.-Mar.	

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SA5	Least Bittern	*Ixobrychus exilis*	SC	
SA6	Peregrine Falcon	*Falco peregrinus*	E	FSC
SA67	Rare Animal	*SEE IF&W BIOLOGIST or GIS*		
SP49	Horned Pondweed	*Zannichellia palustris*	SC	

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
59-127	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		
59-221	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		

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
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Solitary Sandpiper	*Tringa solitaria*				C U	U C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Short-billed Dowitcher	*Limnodromus griseus*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Ruddy Turnstone	*Arenaria interpres*				U C C	C C C	U U	Apr.- Jun.		Jul.- Nov.		
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		
Least Sandpiper	*Calidris minutilla*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Killdeer	*Charadrius vociferus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Sep.- Nov.		
Greater Yellowlegs	*Tringa melanoleuca*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Unidentified Dowitcher	*Limnodromus spp.*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		

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
F53	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
F56	Bufflehead	*Bucephala albeola*			C C C	C U	U	C C C	Apr.- May		Sep.- Dec.	Nov.- Mar.	
F58	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.

FISH:

DIADROMOUS FISH (DF) | ELVER RUNS (ER) | HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
DF13	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
DF125	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
ER118	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER119	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER120	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
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.
SF383	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF401	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF405	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF413	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF417	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF420	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	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.
SF422	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF424	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF431	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF435	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.
SF467	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF469	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF472	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF478	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF482	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF484	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF485	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF489	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF492	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	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.
SF494	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF499	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.
SF534	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF540	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF541	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

ENVIRONMENTAL SENSITIVITY MAP - 61

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-50-1 C-50-2 C-51-1 C-52-1 C-53-1 C-55-1 C-56-1

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.

LOBSTER POUNDS (LP)

LOBSTER DEALERS (LD)

HERRING WEIR SITES (HW)

EVI NO	NAME	CONTACT / ADDRESS	PHONE	SIZE
LD82	H. R. Beal		244-3202	
LD83	Southwest Lob. Co.		244-9285	

CONSERVATION LANDS (CL)

EVI NO	NAME
CL1	UNIDENTIFIED
CL230	GOOSE MARSH POINT
CL25	BAR ISLAND
CL3	ACADIA NATIONAL PARK
CL327	KETTERLINUS
CL399	MASON POINT
CL409	MILL COVE
CL436	NEWBOLD SQUID ISLAND
CL523	RIPPLE POND
CL53	BLAGDEN PRESERVE
CL584	SOMESVILLE
CL642	THE LEDGE
CL69	BROAD COVE

BOAT LAUNCHES (BL)

(state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL222	SOUTHWEST HARBOR	TR	15	Y	ALL	N
BL97	TREMONT	TR		N	ALL	Y

MARINE GEOLOGY LAYERS

Ranked most to least vulnerable

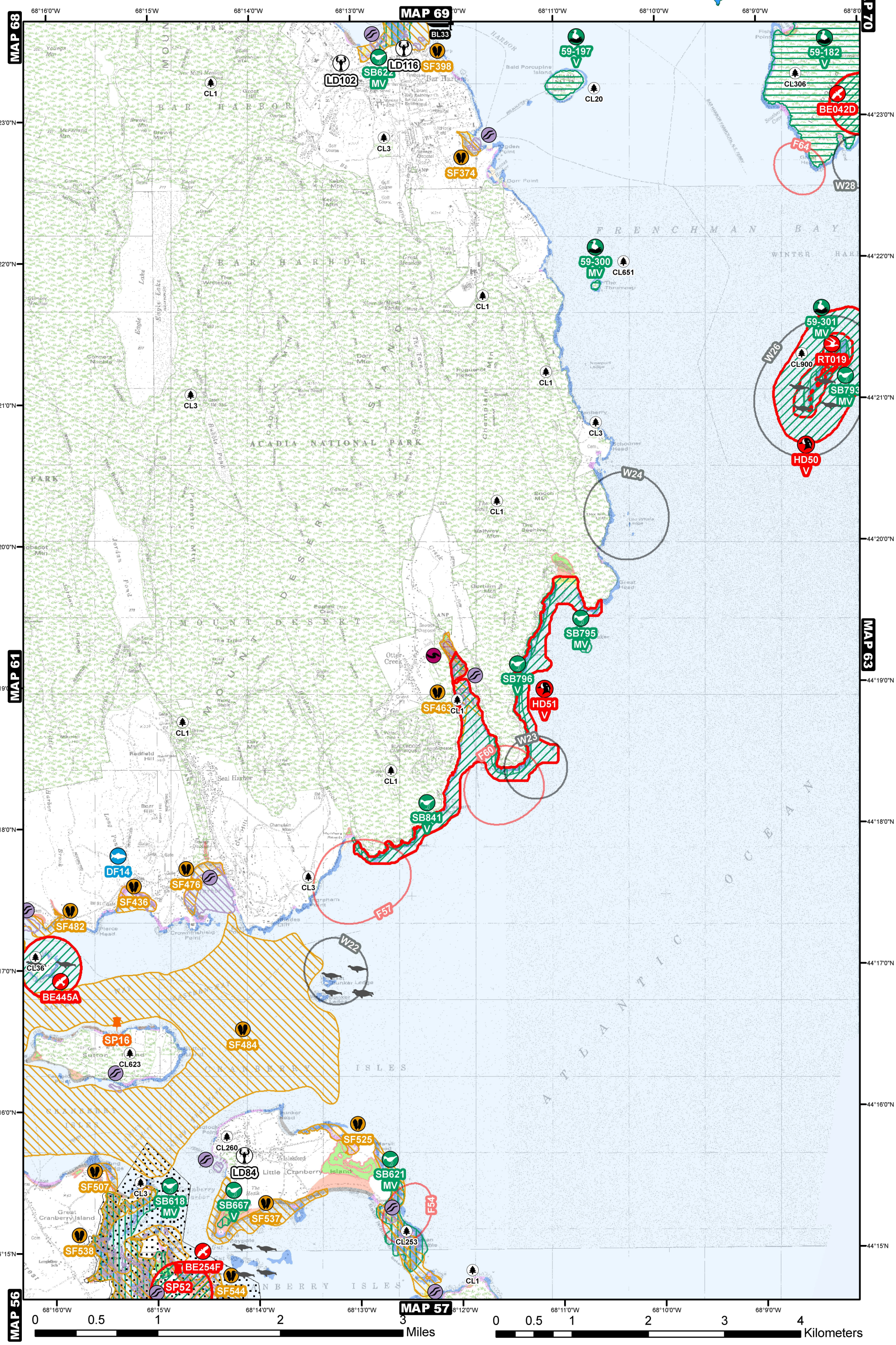
- Marshes (1)
- Mud Flats, Sheltered (2)
- Coarse Flats & Bars, Exposed (3)
- Coarse Beaches & Riprap (4)
- Mixed & Low Energy Beaches (5)
- Sand Beaches (6)
- Rocky Shores (7)
- Sand Dunes (8)
- Coastal Barrier Resources System Area

MAP 62

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.
1:45,000



ENVIRONMENTAL SENSITIVITY MAP - 62

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-53-1 C-55-1 C-57-1 C-57-2 C-57-3

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
BE042D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE254F	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE445A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
HD50	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD51	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
RT019	Roseate Tern	*Sterna dougallii*	E	E		C C	C C		May	May - Aug.			

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SP16	Mountain-laurel	*Kalmia latifolia*	SC	
SP52	Moonwort	*Botrychium lunaria*	E	

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
59-182	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-197	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-300	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.		
	Unidentified Gull	*Larus spp.*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-301	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.
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	

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
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Short-billed Dowitcher	*Limnodromus griseus*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Sanderling	*Calidris alba*				U U	C C C	C U	May - Jun.		Jul.- Nov.		
Ruddy Turnstone	*Arenaria interpres*				U C C	C C C	U U	Apr.- Jun.		Jul.- Nov.		
Purple Sandpiper	*Calidris maritima*			C C C	C U		U C C	Apr.- May		Oct.- Nov.	Nov.- Apr.	
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		
Least Sandpiper	*Calidris minutilla*				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.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		

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
F54	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	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.	
F57	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.
F60	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
F64	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.
W22	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.
W23	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.
	Black Scoter	*Melanitta nigra*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
W24	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.
W26	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.
	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.
W28	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.

FISH:

DIADROMOUS FISH (DF) | ELVER RUNS (ER) | HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER R=RARE		
DF14	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.

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	JUVENILE	ADULT
										FW=FRESHWATER R=RARE		
SF374	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF398	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF436	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF463	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF476	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF482	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF484	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF507	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF525	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF537	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF538	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF544	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

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.

ENVIRONMENTAL SENSITIVITY MAP - 62

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-53-1 C-55-1 C-57-1 C-57-2 C-57-3

LOBSTER POUNDS (LP) LOBSTER DEALERS (LD) HERRING WEIR SITES (HW)

EVI NO	NAME	CONTACT / ADDRESS	PHONE	SIZE
LD102	Parsons Lobster		288-4736	
LD116	Fisherman's Landing			
LD84	Cranberry Is.Coop	Greg Patton	244-5438	

CONSERVATION LANDS (CL)

EVI NO	NAME
CL1	UNIDENTIFIED
CL16	BAKER ISLAND
CL20	BALD PORCUPINE ISLAND
CL253	GREEN NUBBLE
CL260	HADLOCK COVE
CL3	ACADIA NATIONAL PARK
CL306	IRONBOUND ISLAND
CL36	BEAR ISLAND
CL623	SUTTON ISLAND
CL651	THRUMCAP
CL900	MAINE COASTAL ISLANDS NWR

BOAT LAUNCHES (BL) (state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL33	BAR HARBOR	TR	10	Y	ALL	N

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

MAP 63

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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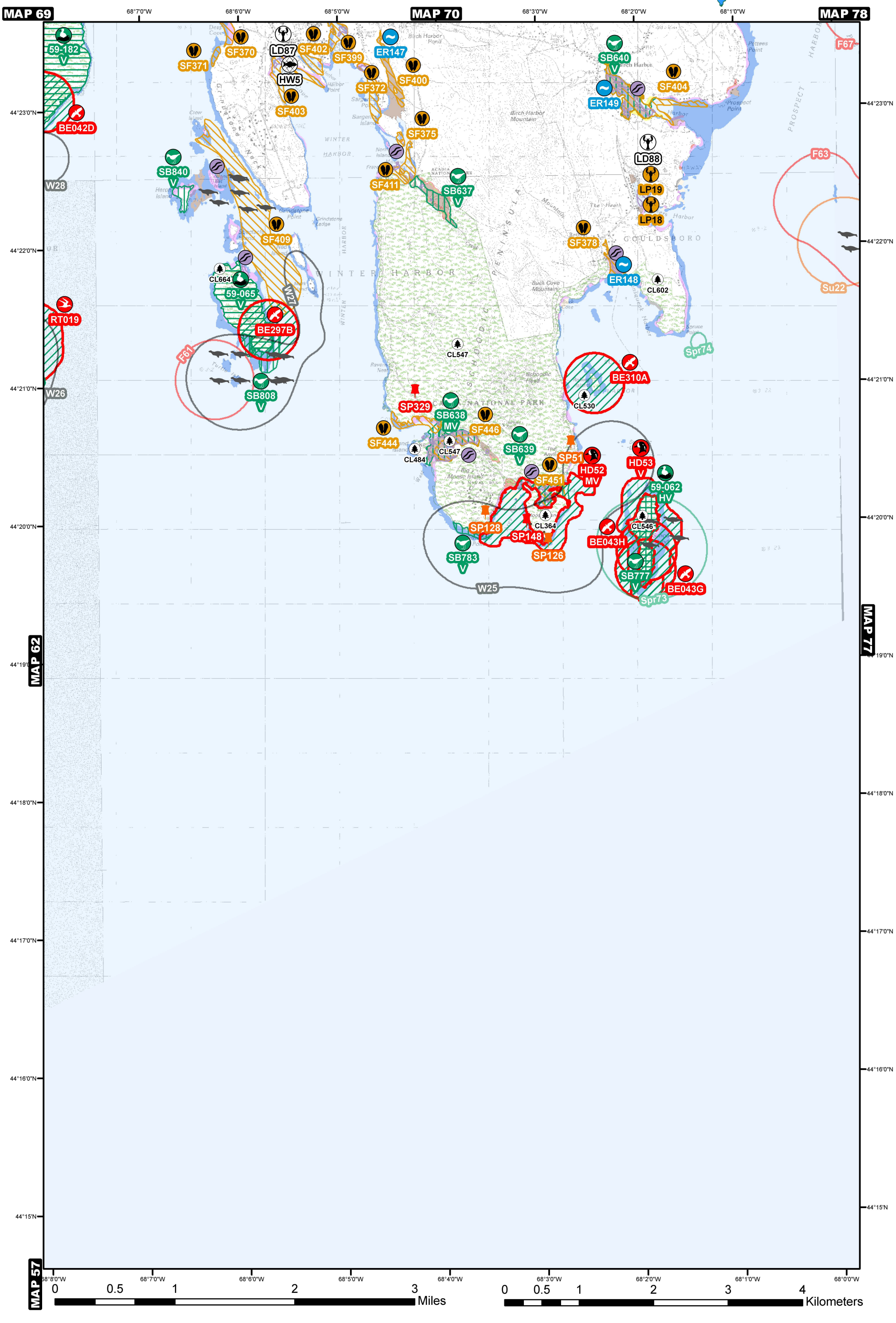

ENVIRONMENTAL SENSITIVITY MAP - 63

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-57-2 C-61-1

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
BE042D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE043G	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE043H	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE297B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE310A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
HD52	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
HD53	Harlequin Duck	*Histrionicus histrionicus*	T	FSC	C C C	C U		U C C	Mar.- May		Oct.- Dec.	Nov.- Mar.	
RT019	Roseate Tern	*Sterna dougallii*	E	E		C C	C C		May	May - Aug.			

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SP126	Blinks	*Montia fontana*	SC	
SP128	Blinks	*Montia fontana*	SC	
SP148	Marsh Felwort	*Lomatogonium rotatum*	T	
SP329	Screwstem	*Bartonia paniculata*	T	
SP51	Fragrant Cliff Wood-fern	*Dryopteris fragrans*	SC	

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
59-062	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
	Leach's Storm-petrel	*Oceanodroma leucorhoa*	SSC			U C C	C C C	C	Apr.- May	May - Aug.	Sep.- Oct.		
59-065	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.	
59-182	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	

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
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Sanderling	*Calidris alba*				U U	C C C	C U	May - Jun.		Jul.- Nov.		
Ruddy Turnstone	*Arenaria interpres*				U C C	C C C	U U	Apr.- Jun.		Jul.- Nov.		
Purple Sandpiper	*Calidris maritima*			C C C	C U		U C C	Apr.- May		Oct.- Nov.	Nov.- Apr.	
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		
Least Sandpiper	*Calidris minutilla*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Killdeer	*Charadrius vociferus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Sep.- Nov.		
Greater Yellowlegs	*Tringa melanoleuca*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		

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
F61	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.
F63	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.
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
F67	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.
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
Spr73	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.
	Unidentified Scoter	*Melanitta spp.*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
Spr74	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.
	Unidentified Scoter	*Melanitta spp.*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
Su22	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.
W25	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.
	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.
	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.
	Long-tailed Duck	*Clangula hyemalis*			C C C	C U	U	C C C	Mar.- Apr.		Sep.- Dec.	Sep.- Mar.	
	Unidentified Merganser	*Mergus spp.*			C C C	C C C	C C C	C C C	Mar.- Apr.	Apr.- Jul.	Nov.- Dec.	Dec.- Feb.	Jul.- Aug.
	White-winged Scoter	*Melanitta fusca*			C C C	C C U	U U U	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
	Black Scoter	*Melanitta nigra*			C C C	C C U	U U C	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
W26	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.
	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.
W27	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.
	White-winged Scoter	*Melanitta fusca*			C C C	C C U	U U U	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
W28	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.

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
ER147	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER148	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER149	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF370	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF371	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF372	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF375	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF378	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF399	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF400	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF402	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

ENVIRONMENTAL SENSITIVITY MAP - 63

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-57-2 C-61-1

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF403	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF404	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF409	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF411	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF444	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF446	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF451	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

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.

LOBSTER POUNDS (LP) LOBSTER DEALERS (LD) HERRING WEIR SITES (HW)

EVI NO	NAME	CONTACT / ADDRESS	PHONE	SIZE
HW5	Lyle Ford	Box 55, Hancock, ME 04640		
LD87	Winter Harbor Coop		963-5857	
LD88	D. B. Rice	D. B. Rice	963-2616	
LP18	Trenton Bridge Lobster Po	Anthony Pettegrow	667-2977	40000SF
LP19	Alexander Marienfeldt	inactive?		0SF

CONSERVATION LANDS (CL)

EVI NO	NAME
CL306	IRONBOUND ISLAND
CL364	LITTLE MOOSE ISLAND
CL484	POND ISLAND
CL530	ROLLING ISLAND
CL546	SCHOODIC ISLAND
CL547	SCHOODIC POINT
CL602	SPRUCE POINT
CL664	TURTLE ISLAND PRESERVE

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

MAP 64

MAINE ENVIRONMENTAL VULNERABILITY INDEX

Version 2

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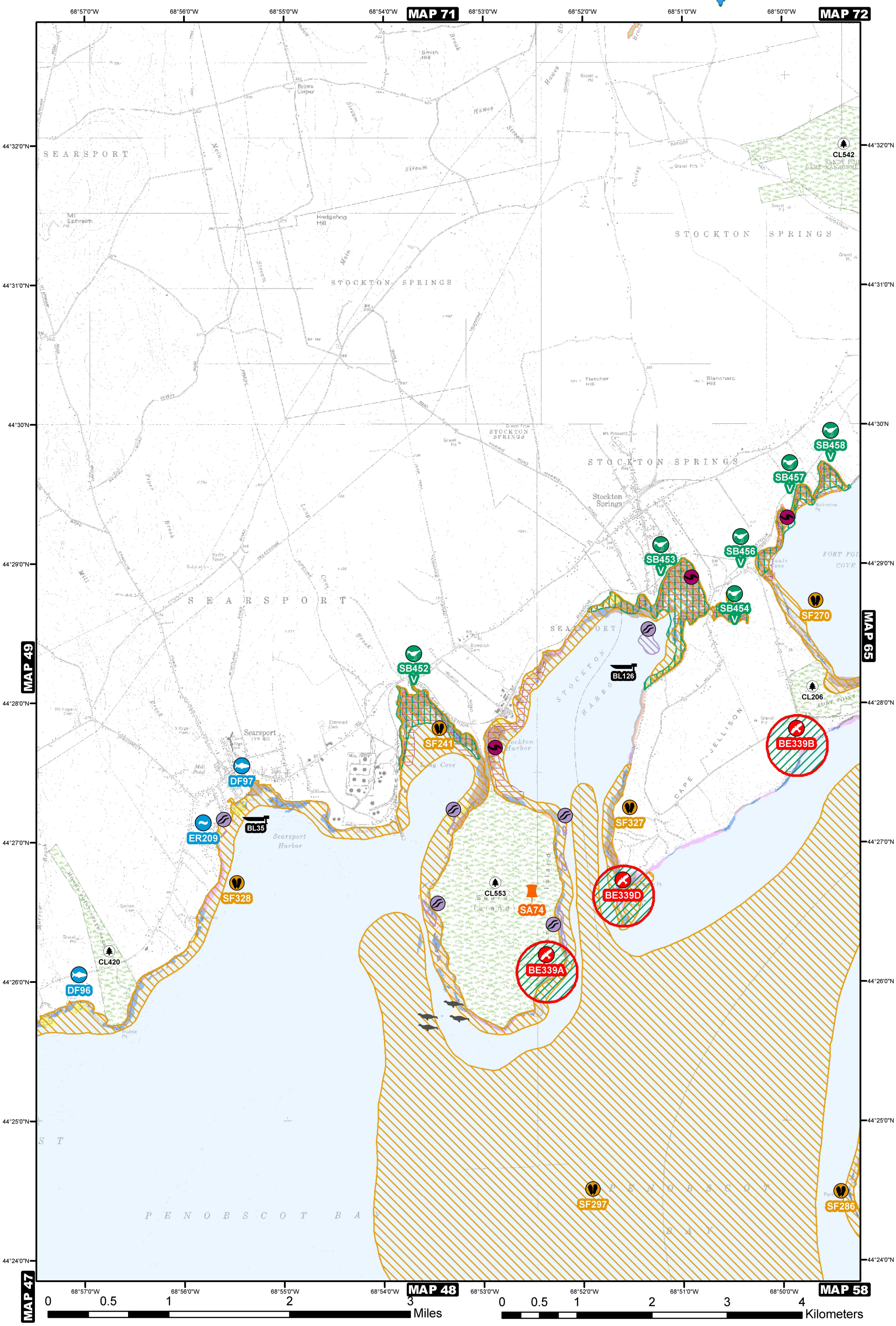

ENVIRONMENTAL SENSITIVITY MAP - 64

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-22-1 C-23-1

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
BE339A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE339B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE339D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SA74	Ribbon Snake	*Thamnophis sauritus*	SC	

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
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		
Killdeer	*Charadrius vociferus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Sep.- Nov.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
DF96	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
DF97	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
ER209	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF241	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF270	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF286	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF297	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF327	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF328	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

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.

CONSERVATION LANDS (CL)

EVI NO	NAME
CL1	UNIDENTIFIED
CL206	FORT POINT/FORT POWNAL STATE HISTORIC SITE
CL420	MOOSE POINT STATE PARK
CL542	SANDY POINT (STOWERS MEADOW) WMA
CL553	Sears Island

BOAT LAUNCHES (BL)

(state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL126	STOCKTON SPRINGS	TR	14	Y	ALL	N
BL35	SEARSPORT	TR	20	Y	ALL	N

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

MAP 65

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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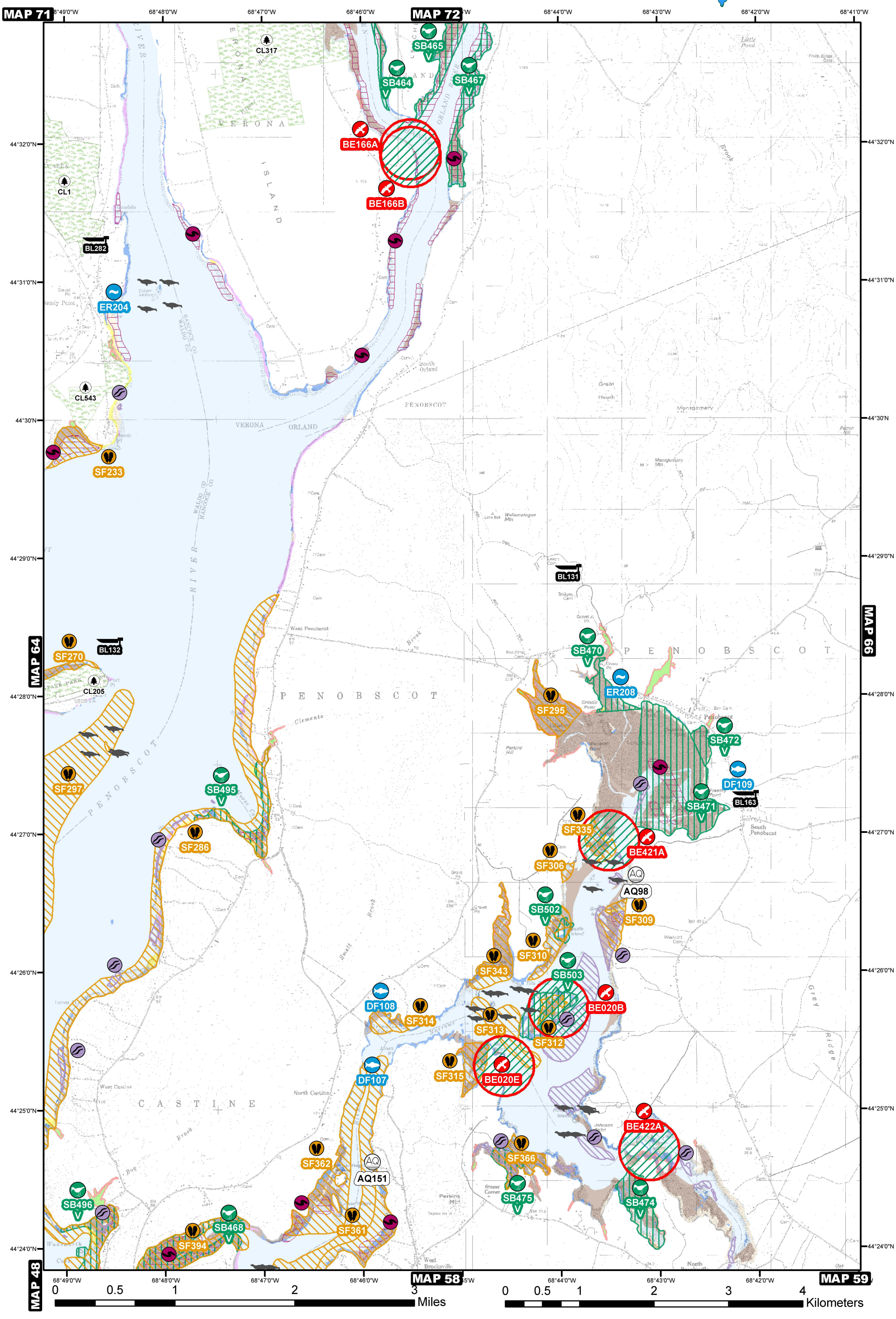

ENVIRONMENTAL SENSITIVITY MAP - 65

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-22-1 C-23-1 C-24-1 C-24-2 C-26-1 C-27-1

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
BE020B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE020E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE166A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE166B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE421A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE422A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	

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
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Short-billed Dowitcher	*Limnodromus griseus*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Piping Plover	*Charadrius melodus*	E	T		U U U	U U U			Apr.- Aug	Aug.- Sep.		
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		
Least Sandpiper	*Calidris minutilla*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Killdeer	*Charadrius vociferus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Sep.- Nov.		
Greater Yellowlegs	*Tringa melanoleuca*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		

FISH:

DIADROMOUS FISH (DF) | ELVER RUNS (ER) | HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
DF107	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
DF108	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
DF109	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
ER204	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER208	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF233	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF270	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF286	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF295	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF297	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF306	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF309	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF310	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF312	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF313	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF314	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF315	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF335	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF343	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF361	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF362	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF366	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF390	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF394	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

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
AQ151	oysters	Dennis Moran	207-374-8859	7.3AC
AQ98	oysters	Philip Nesbit	207-326-4665	0.01AC

CONSERVATION LANDS (CL)

EVI NO	NAME
CL1	UNIDENTIFIED
CL205	FORT POINT LIGHT
CL206	FORT POINT/FORT POWNAL STATE HISTORIC SITE
CL317	JOOST PROPERTY
CL542	SANDY POINT (STOWERS MEADOW) WMA
CL543	SANDY POINT BEACH STATE PARK

BOAT LAUNCHES (BL)

(state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL131	PENOBSCOT	TR		N	FRESH WATER	N

ENVIRONMENTAL SENSITIVITY MAP - 65

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-22-1 C-23-1 C-24-1 C-24-2 C-26-1 C-27-1

BOAT LAUNCHES (BL) (state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL132	DOC	LF		Y	ALL	N
BL163	PENOBSCOT	TR		N	PART	N
BL282	DIFW	TR		N	FRESH WATER	N

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

MAP 66

MAINE ENVIRONMENTAL VULNERABILITY INDEX

Version 2

These maps are intended to provide information solely for marine oil spill contingency planning.
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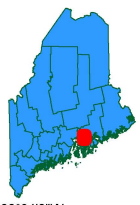

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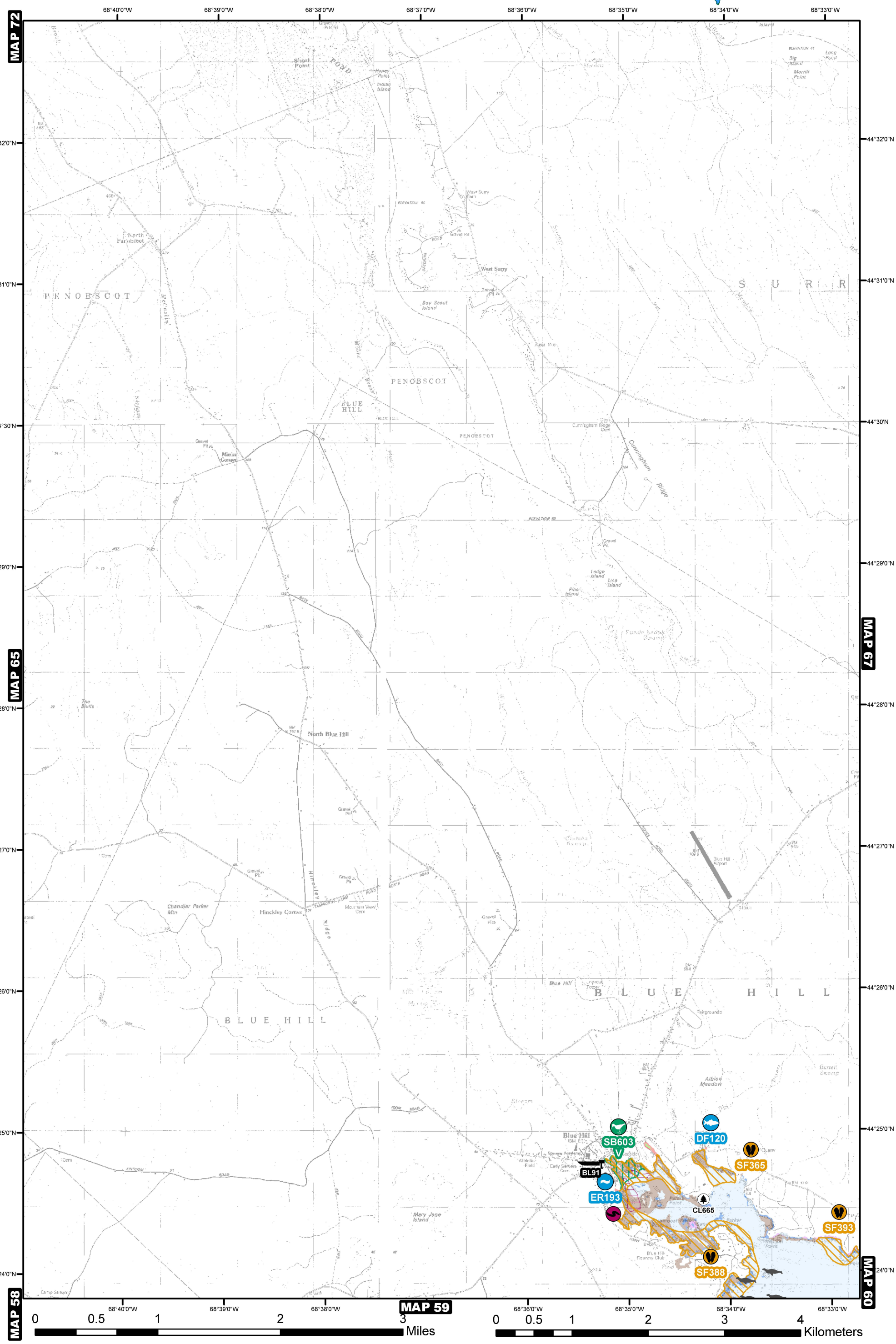

ENVIRONMENTAL SENSITIVITY MAP - 66

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA:

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
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Short-billed Dowitcher	*Limnodromus griseus*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		
Killdeer	*Charadrius vociferus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Sep.- Nov.		
Greater Yellowlegs	*Tringa melanoleuca*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER R=RARE		
DF120	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
ER193	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER R=RARE		
SF365	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF388	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF393	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

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.

CONSERVATION LANDS (CL)

EVI NO	NAME
CL665	TWIN OAKS

BOAT LAUNCHES (BL)

(state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL91	BLUE HILL	TR	12	N	PART	N

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

MAP 67

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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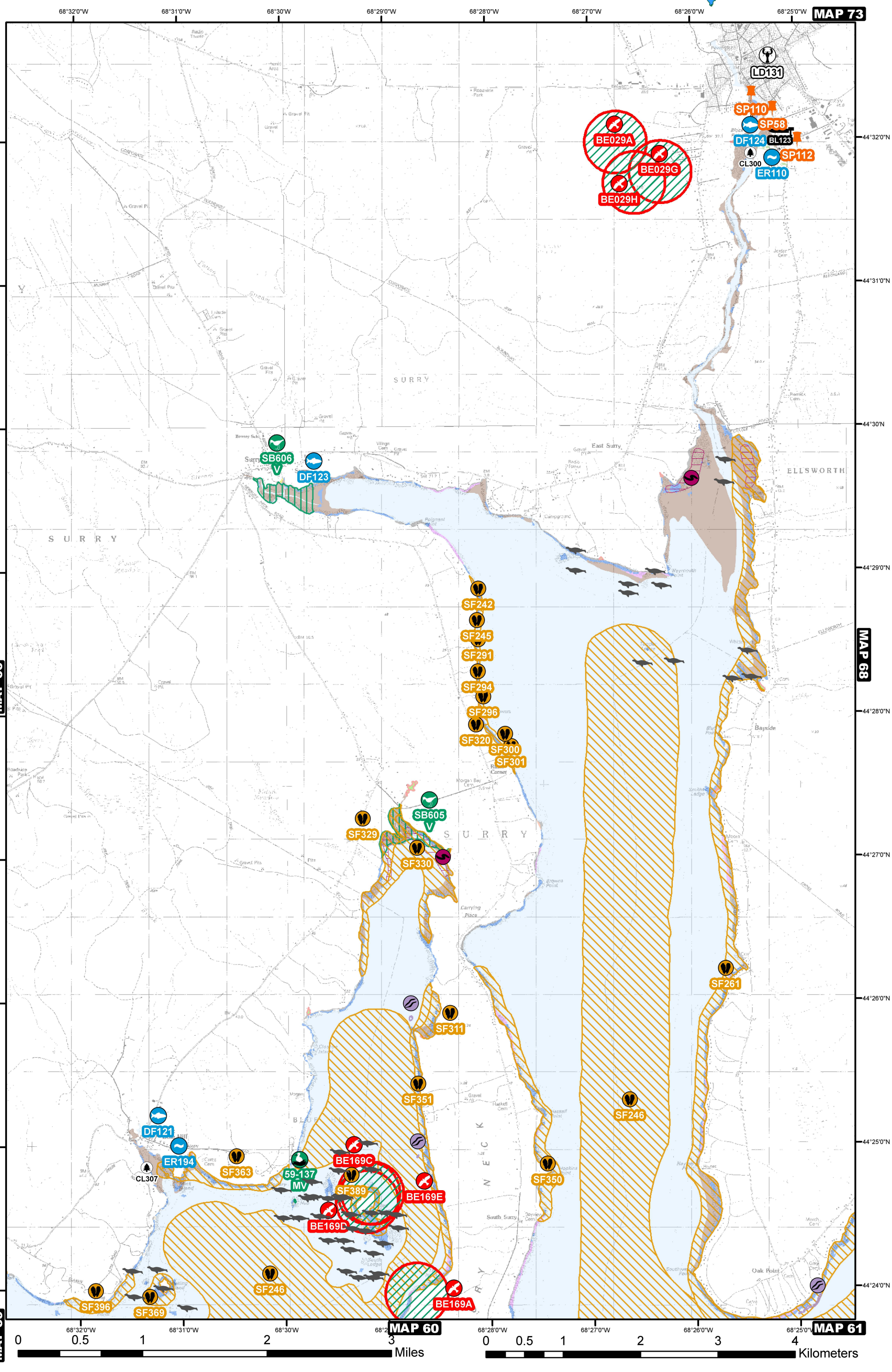

ENVIRONMENTAL SENSITIVITY MAP - 67

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-47-1 C-48-1

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
BE029A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE029G	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE029H	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.	
BE169C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE169D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE169E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SP110	Mudwort	*Limosella australis*	SC	
SP112	Mudwort	*Limosella australis*	SC	
SP58	Estuary Bur-marigold	*Bidens hyperborea*	SC	

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
59-137	Common Tern	*Sterna hirundo*	SSC			C C	C C U		May	May - Aug.	Aug.- Sep.		

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
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Solitary Sandpiper	*Tringa solitaria*				C U	U C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		
Least Sandpiper	*Calidris minutilla*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Killdeer	*Charadrius vociferus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Sep.- Nov.		
Greater Yellowlegs	*Tringa melanoleuca*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
DF121	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
DF123	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
DF124	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	salmon atlantic	*Salmo salar*				R x x	x x x	x R	FW	FW	Apr-Jul	Apr.-Oct.
	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
	shad american	*Alosa sapidissima*			R	R x x	x x x	x R x	FW	FW	May-Oct	May-Sep.
ER110	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER194	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF242	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
SF245	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
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.
SF291	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF294	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF296	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF300	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
SF301	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF311	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
SF320	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF329	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF330	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF350	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF351	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF363	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF369	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF389	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.
SF393	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF396	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

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.

ENVIRONMENTAL SENSITIVITY MAP - 67

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-47-1 C-48-1

LOBSTER POUNDS (LP) LOBSTER DEALERS (LD) HERRING WEIR SITES (HW)

EVI NO	NAME	CONTACT / ADDRESS	PHONE	SIZE
LD131	Maine Shellfish Co.		667-5336	

CONSERVATION LANDS (CL)

EVI NO	NAME
CL300	INDIAN POINT
CL307	ISLAND

BOAT LAUNCHES (BL) (state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL123	ELLSWORTH	TR	10	Y	ALL	Y

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

MAP 68

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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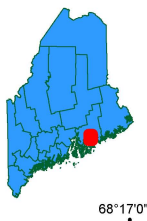

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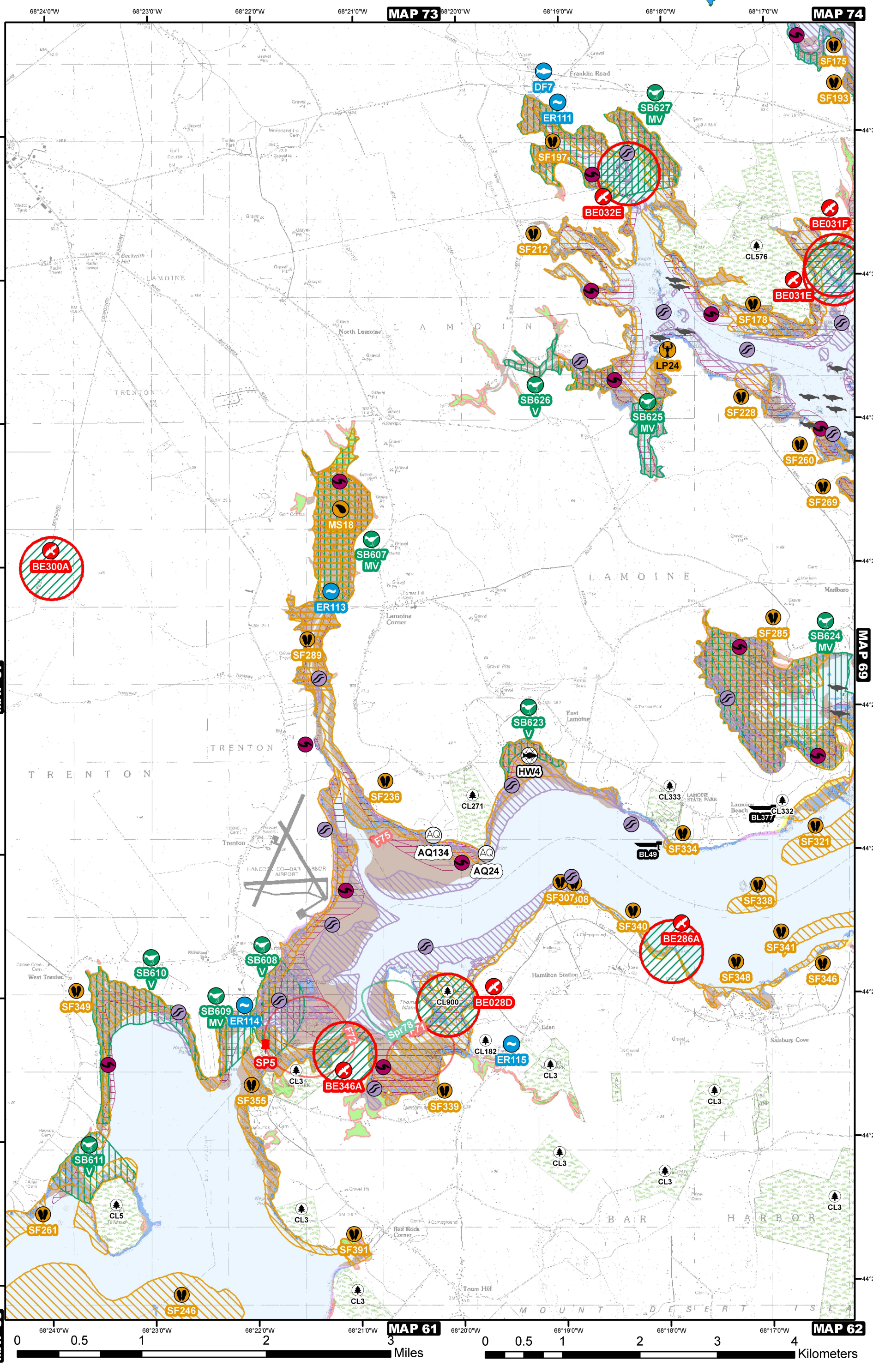

ENVIRONMENTAL SENSITIVITY MAP - 68

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-48-1 C-49-1 C-49-2 C-58-1 C-58-2 C-59-2

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
BE028D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE031E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE031F	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE032E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE286A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE300A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE346A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SP5	American Sea-blite	*Suaeda calceoliformis*	T	

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
Ruddy Turnstone	*Arenaria interpres*				U C C	C C C	U U	Apr.- Jun.		Jul.- Nov.		
Baird's Sandpiper	*Calidris bairdii*					U U		Mar.- May		Aug.- Sep.		
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.		
American Golden Plover	*Pluvialis dominica*					U U	U			Aug.- Oct.		
Purple Sandpiper	*Calidris maritima*			C C C	C U		U C C	Apr.- May		Oct.- Nov.	Nov.- Apr.	
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Sanderling	*Calidris alba*				U U	C C C	C U	May - 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.		
Western Sandpiper	*Calidris mauri*					U U U	U			Jul.- Oct.		
White-rumped Sandpiper	*Calidris fuscicollis*					U U U	U			Jul.- Oct.		
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		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
F71	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.
	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.	
	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.
F72	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.
	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.	
F75	Bufflehead	*Bucephala albeola*			C C C	C U	U	C C C	Apr.- May		Sep.- Dec.	Nov.- Mar.	
	Unidentified Merganser	*Mergus spp.*			C C C	C C C	C C C	C C C	Mar.- Apr.	Apr.- Jul.	Nov.- Dec.	Dec.- Feb.	Jul.- Aug.
	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.
	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.
Spr78	Surf Scoter	*Melanitta perspicillata*			C C C	C C U	U U U	C C C	Mar.- May		Aug.- Oct.	Nov.- Mar.	
	Unidentified Merganser	*Mergus spp.*			C C C	C C C	C C C	C C C	Mar.- Apr.	Apr.- Jul.	Nov.- Dec.	Dec.- Feb.	Jul.- Aug.
	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.

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
DF7	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
ER111	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER113	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER114	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER115	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
MS18	blue mussel	*Mytilus edulis*			x x x	x x x	x x x	x x x	Jun.-Sep.	Jun.-Sep.	Jan-Dec	Jan.-Dec.
SF175	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF178	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF193	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF197	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF212	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF228	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF236	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
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.
SF260	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	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.
SF269	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF285	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF289	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF307	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF308	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF321	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF334	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF338	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF339	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF340	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF341	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF346	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF348	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

ENVIRONMENTAL SENSITIVITY MAP - 68

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-48-1 C-49-1 C-49-2 C-58-1 C-58-2 C-59-2

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF349	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF355	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF391	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
	clam northern quahog / hard	*Mercenaria mercenaria*			x x x	x x x	x x x	x x x	Jun.-Aug.	Jun.-Aug.	Jan-Dec	Jan.-Dec.

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.

LOBSTER POUNDS (LP) LOBSTER DEALERS (LD) HERRING WEIR SITES (HW)

EVI NO	NAME	CONTACT / ADDRESS	PHONE	SIZE
HW4	John Hodgkins	Route 1, Box 55, Bar Harbor, M		
LP24	Seal Point Lobster Co.	Kathy Chamberlain	667-4595	130000SF

AQUACULTURE SITES (AQ)

EVI NO	PRIMARY SPECIES	CONTACT / ADDRESS	PHONE	SIZE
AQ134	blue mussels	Ralph L. Smith	207-497-5721	89.78AC
AQ24	blue mussels	Carter Newell	207-372-6317	31.62AC

CONSERVATION LANDS (CL)

EVI NO	NAME
CL1	UNIDENTIFIED
CL182	EDEN
CL271	HARTLINE PROPERTY
CL3	ACADIA NATIONAL PARK
CL332	LAMOINE BEACH STATE PARK
CL333	LAMOINE STATE PARK
CL5	ALLEY ISLAND
CL576	SKILLINGS RIVER
CL900	MAINE COASTAL ISLANDS NWR

BOAT LAUNCHES (BL)

(state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL377	LAMOINE	TR	6	N	ALL	Y
BL49	DOC	TR	15	Y	ALL	Y

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

MAP 69

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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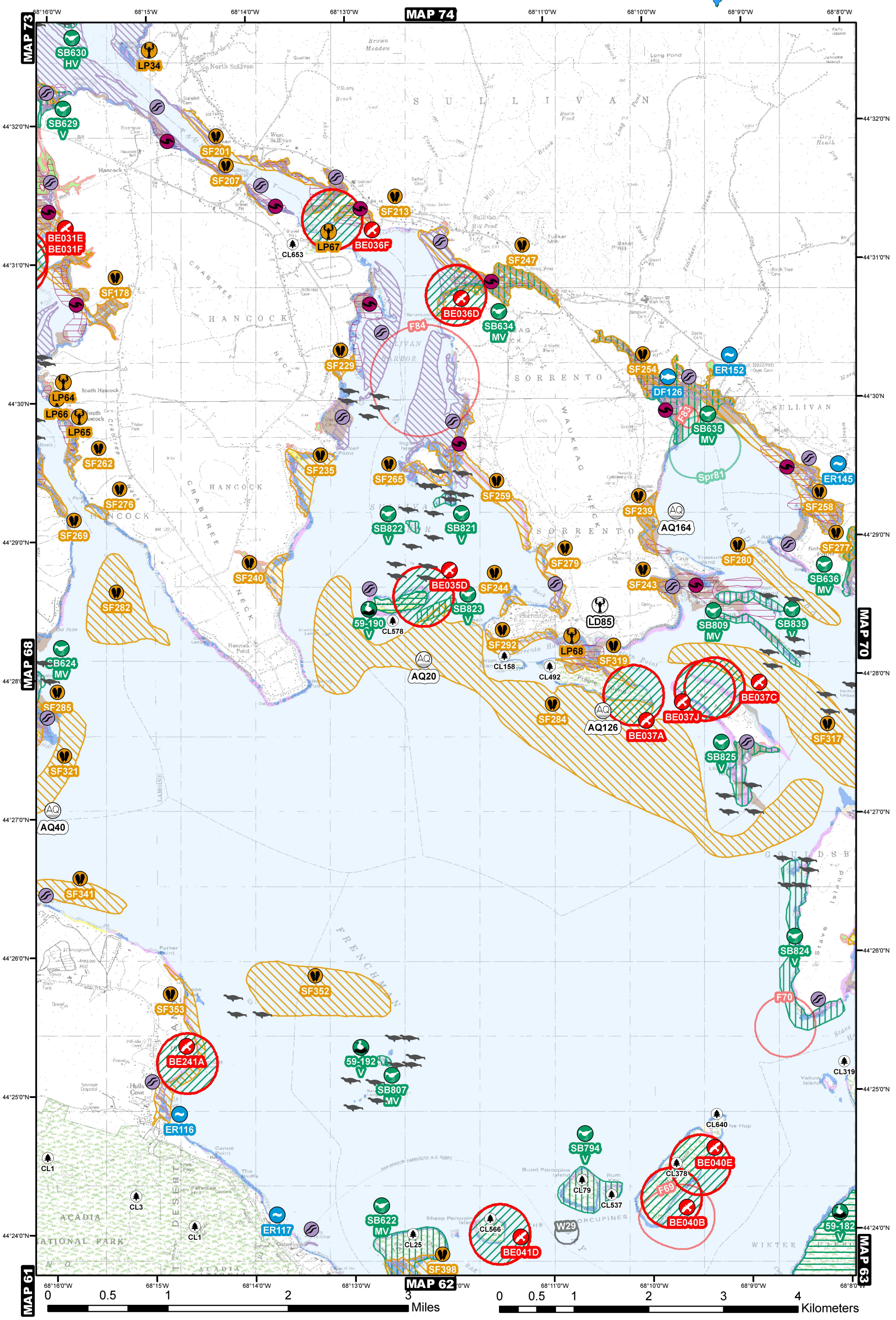


ENVIRONMENTAL SENSITIVITY MAP - 69

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-57-3 C-58-1 C-58-2 C-59-1 C-59-2 C-60-1

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
BE031E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE031F	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE035D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE036D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE036F	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE037A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE037C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE037J	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE040B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE040E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE041D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE241A	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
59-182	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-190	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.
	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	
59-192	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
Ruddy Turnstone	*Arenaria interpres*				U C C	C C C	U U	Apr.- Jun.		Jul.- Nov.		
Baird's Sandpiper	*Calidris bairdii*					U U		Mar.- May		Aug.- Sep.		
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.		
Hudsonian Godwit	*Limosa haemastica*					U U U	U			Jul.- Oct.		
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.		
American Golden Plover	*Pluvialis dominica*					U U	U			Aug.- Oct.		
Purple Sandpiper	*Calidris maritima*			C C C	C U		U C C	Apr.- May		Oct.- Nov.	Nov.- Apr.	
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Sanderling	*Calidris alba*				U U	C C C	C U	May - 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.		
Western Sandpiper	*Calidris mauri*					U U U	U			Jul.- Oct.		
White-rumped Sandpiper	*Calidris fuscicollis*					U U U	U			Jul.- Oct.		
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		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
F69	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
F70	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.
F83	Double-crested Cormorant	*Phalacrocorax auritus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Oct.- Nov.		
	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.
F84	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
Spr81	Unidentified Merganser	*Mergus spp.*			C C C	C C C	C C C	C C C	Mar.- Apr.	Apr.- Jul.	Nov.- Dec.	Dec.- Feb.	Jul.- Aug.
	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.
	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.	
W29	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.

FISH:

DIADROMOUS FISH (DF) | ELVER RUNS (ER) | HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
DF126	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
ER116	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER117	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER145	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER152	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF178	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF193	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF201	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF207	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF213	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF229	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF235	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF239	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF240	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF243	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF244	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF247	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

ENVIRONMENTAL SENSITIVITY MAP - 69

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-57-3 C-58-1 C-58-2 C-59-1 C-59-2 C-60-1

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF254	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF258	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF259	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF262	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF265	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF269	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF276	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF277	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF279	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF280	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF282	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF284	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF285	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF292	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF317	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF319	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF321	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF336	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF341	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF352	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF353	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF398	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

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.

LOBSTER POUNDS (LP) LOBSTER DEALERS (LD) HERRING WEIR SITES (HW)

EVI NO	NAME	CONTACT / ADDRESS	PHONE	SIZE
LD85	Sorrento Lobster & Fish	Mark Bennett	422-9082	
LP34	Michael + Janet Myster	inactive?		0SF
LP64	Ford Lobster Pound	MLT	422-3217	300000SF
LP65	Sanders Lobster Co.	Jim/Earle Sanders	603-436-3716	100000SF
LP66	Maine Lobster Technology	Pete Daley	422-3217	90000SF
LP67	Christinne Hodgkins	inactive?		40000SF
LP68	Sorrento Lobster + Fish C	Mark Bennett	422-6470	140000SF

AQUACULTURE SITES (AQ)

EVI NO	PRIMARY SPECIES	CONTACT / ADDRESS	PHONE	SIZE
AQ126	blue mussels	James West	207-422-3897	35.66AC
AQ164	blue mussels	Carter Newell	207-372-6317	14.3AC
AQ20	blue mussels	Babe Stanley	207-422-6475	10AC
AQ40	blue mussels	Tim Levesque	207-667-6719	1.87AC

CONSERVATION LANDS (CL)

EVI NO	NAME
CL1	UNIDENTIFIED
CL158	DRAM ISLAND PRESERVE
CL25	BAR ISLAND
CL3	ACADIA NATIONAL PARK
CL306	IRONBOUND ISLAND
CL319	JORDON ISLAND
CL378	LONG PORCUPINE ISLAND PRESERVE
CL492	PREBLE ISLAND PRESERVE
CL537	RUM KEY
CL566	SHEEP ISLAND
CL578	SLOOP ISLAND
CL640	THE HOP
CL653	TIDAL FALLS
CL79	BURNT PORCUPINE ISLAND

MARINE GEOLOGY LAYERS

Ranked most to least vulnerable

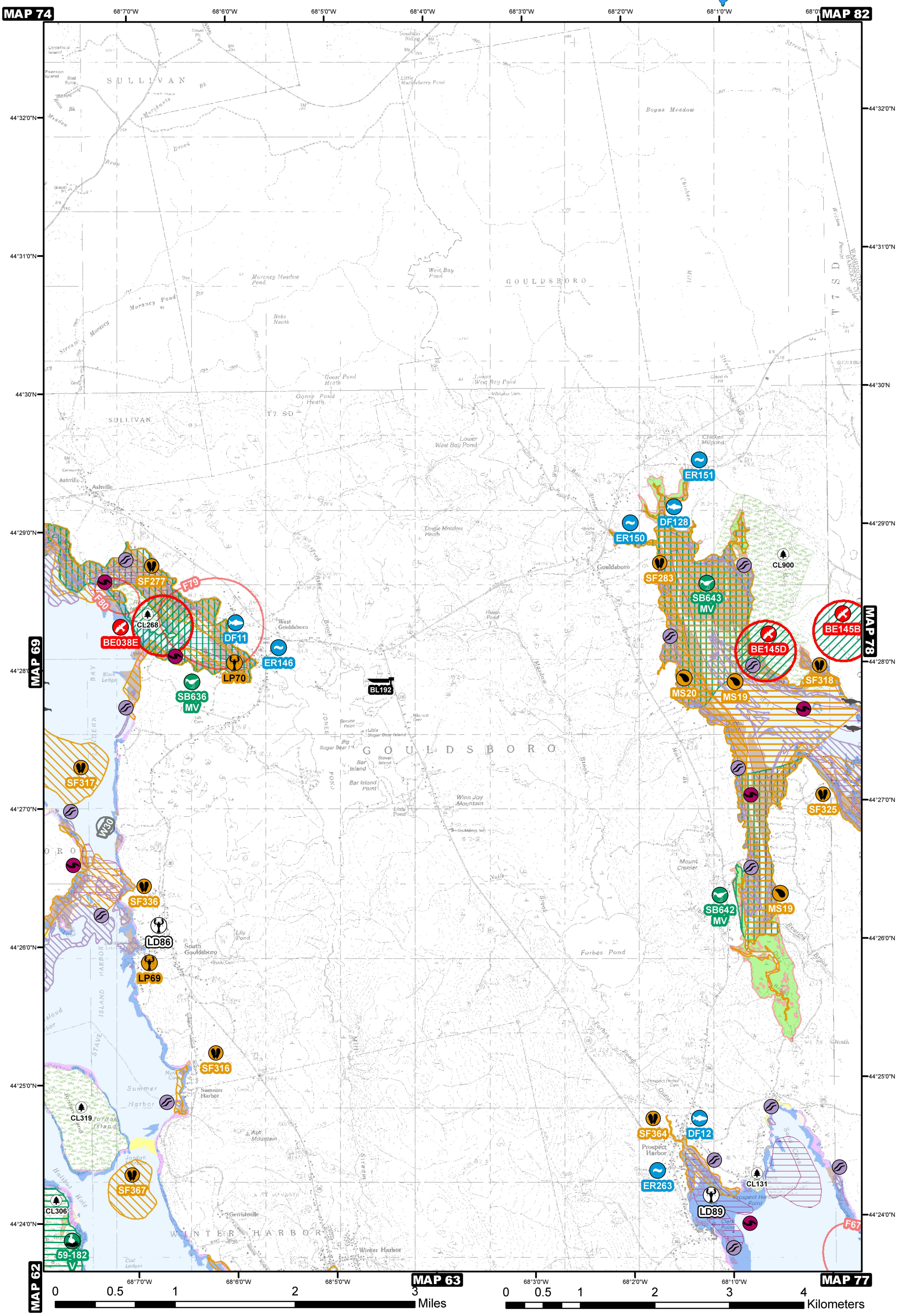
- Marshes (1)
- Mud Flats, Sheltered (2)
- Coarse Flats & Bars, Exposed (3)
- Coarse Beaches & Riprap (4)
- Mixed & Low Energy Beaches (5)
- Sand Beaches (6)
- Rocky Shores (7)
- Sand Dunes (8)
- Coastal Barrier Resources System Area

MAP 70

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.
1:45,000



ENVIRONMENTAL SENSITIVITY MAP - 70

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-60-1 D-02-2

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
BE038E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE145B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE145D	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
59-182	Black Guillemot	*Cepphus grylle*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- Mar.	

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.		
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.		
Hudsonian Godwit	*Limosa haemastica*					U U U	U			Jul.- Oct.		
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.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		
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.		
Western Sandpiper	*Calidris mauri*					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
F67	Herring Gull	*Larus argentatus*			C C C	C C C	C C C	C C C		Apr.- Aug.		Sep.- 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.
F79	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.	
F80	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.
W30	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.

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER R=RARE		
DF11	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
DF12	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
DF128	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
	trout brook	*Salvelinus fontinalis*			x x x	x		x x	FW	FW	FW	May-Sep.
	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
ER146	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER150	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER151	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER263	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER R=RARE		
MS19	blue mussel	*Mytilus edulis*			x x x	x x x	x x x	x x x	Jun.-Sep.	Jun.-Sep.	Jan-Dec	Jan.-Dec.
MS20	blue mussel	*Mytilus edulis*			x x x	x x x	x x x	x x x	Jun.-Sep.	Jun.-Sep.	Jan-Dec	Jan.-Dec.
SF277	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF283	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF316	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF317	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF318	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF325	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF336	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF364	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF367	scallop sea	*Placopecten magellanicus*			x x x	x x x	x x x	x x x	Jul.-Oct.	Jul.-Nov.	Jan-Dec	Jan.-Dec.
SF370	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF399	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

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.

LOBSTER POUNDS (LP) LOBSTER DEALERS (LD) HERRING WEIR SITES (HW)

EVI NO	NAME	CONTACT / ADDRESS	PHONE	SIZE
LD86	Gouldsboro Enterprises	Eddie Foss ?	963-2203	

ENVIRONMENTAL SENSITIVITY MAP - 70

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-60-1 D-02-2

LOBSTER POUNDS (LP) LOBSTER DEALERS (LD) HERRING WEIR SITES (HW)

EVI NO	NAME	CONTACT / ADDRESS	PHONE	SIZE
LD89	Prospect Hbr Trading Co	Donald Smith	963-2100	
LP69	Gouldsboro Enterprizes	Lennie Brishko	963-2203	55000SF
LP70	Mac Gregor's Pound	Ronald Mac Gregor		80000SF

CONSERVATION LANDS (CL)

EVI NO	NAME
CL131	CROW ISLAND
CL268	HARDHEAD ISLAND
CL306	IRONBOUND ISLAND
CL319	JORDON ISLAND
CL900	MAINE COASTAL ISLANDS NWR

BOAT LAUNCHES (BL)

(state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL192	GOULDSBORO	TR	10	N	FRESH WATER	Y

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

MAP 71

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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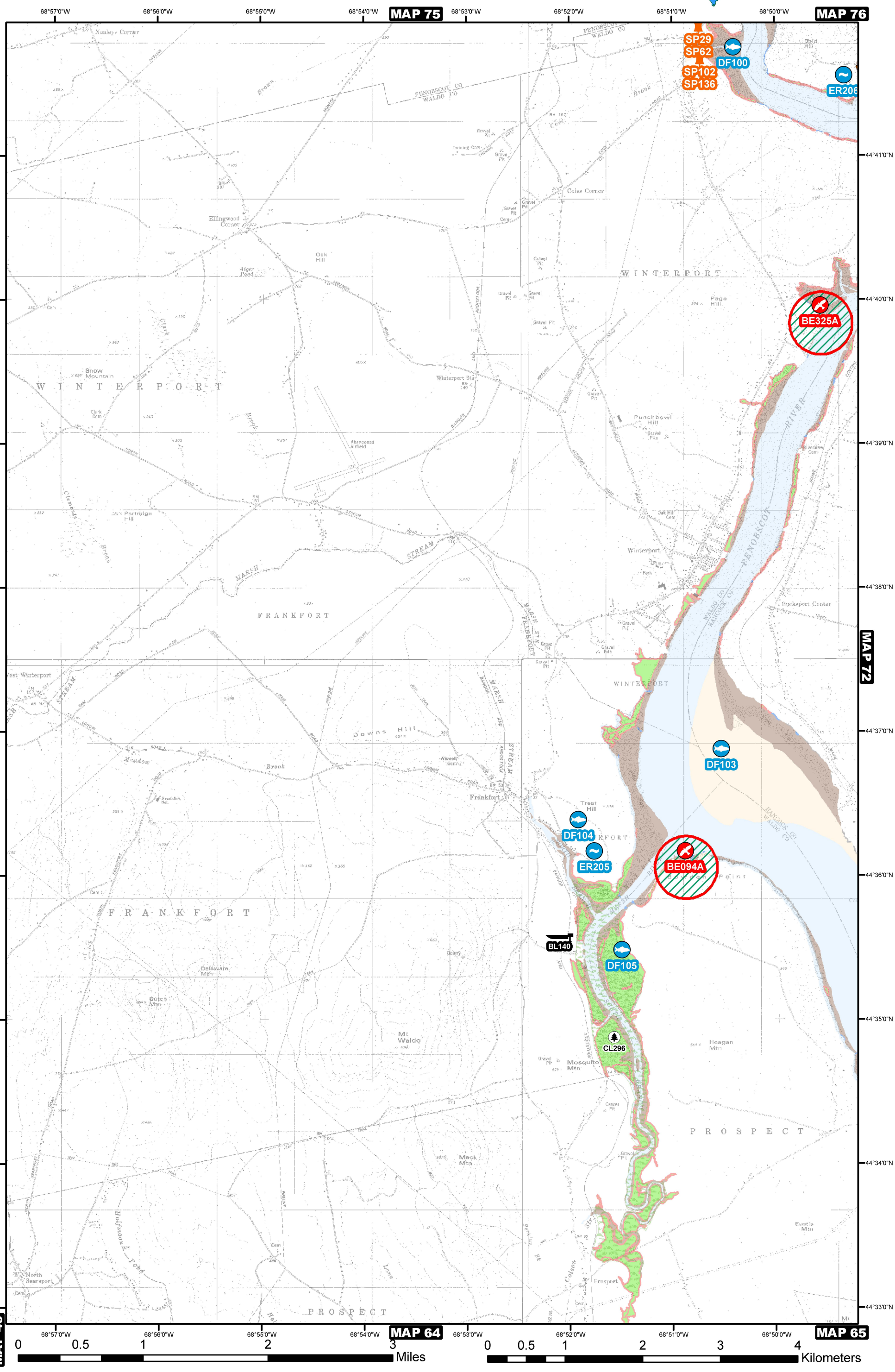

ENVIRONMENTAL SENSITIVITY MAP - 71

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-24-3 C-25-1

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
BE094A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE325A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SP102	Mudwort	*Limosella australis*	SC	
SP136	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP178	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP231	Mudwort	*Limosella australis*	SC	
SP283	Horned Pondweed	*Zannichellia palustris*	SC	
SP29	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP62	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	

FISH: DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

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 R=RARE)	JUVENILE	ADULT
DF100	salmon atlantic	*Salmo salar*				R x x	x x x	x R	FW	FW	Apr-Jul	Apr.-Oct.
	trout brown	*Salmo trutta*						x x x	FW	FW	FW	Oct.-Feb.
	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
DF103	salmon atlantic	*Salmo salar*				R x x	x x x	x R	FW	FW	Apr-Jul	Apr.-Oct.
	trout brook	*Salvelinus fontinalis*			x x x	x		x x	FW	FW	FW	May-Sep.
	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
	sturgeon shortnose	*Acipenser brevirostrum*			x x x	x x x	x x x	x x x	FW	FW	Jan-Dec	Jan.-Dec.
	sturgeon atlantic	*Acipenser oxyrinchus*			x x x	x x x	x x x	x x x	FW	FW	Apr-Nov	Apr.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
	blueback herring	*Alosa aestivalis*				x x x	x x x	x x	FW	FW	Apr-Nov	Apr.-Nov.
	shad american	*Alosa sapidissima*			R	R x x	x x x	x R x	FW	FW	May-Oct	May-Sep.
DF104	salmon atlantic	*Salmo salar*				R x x	x x x	x R	FW	FW	Apr-Jul	Apr.-Oct.
	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
	trout brook	*Salvelinus fontinalis*			x x x	x		x x	FW	FW	FW	May-Sep.
DF105	salmon atlantic	*Salmo salar*				R x x	x x x	x R	FW	FW	Apr-Jul	Apr.-Oct.
	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
	trout brook	*Salvelinus fontinalis*			x x x	x		x x	FW	FW	FW	May-Sep.
ER205	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER206	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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.

CONSERVATION LANDS (CL)

EVI NO	NAME
CL296	HOWARD L. MENDALL WMA

BOAT LAUNCHES (BL)

(state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL140	FRANKFORT	TR		N	ALL	N

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

MAP 72

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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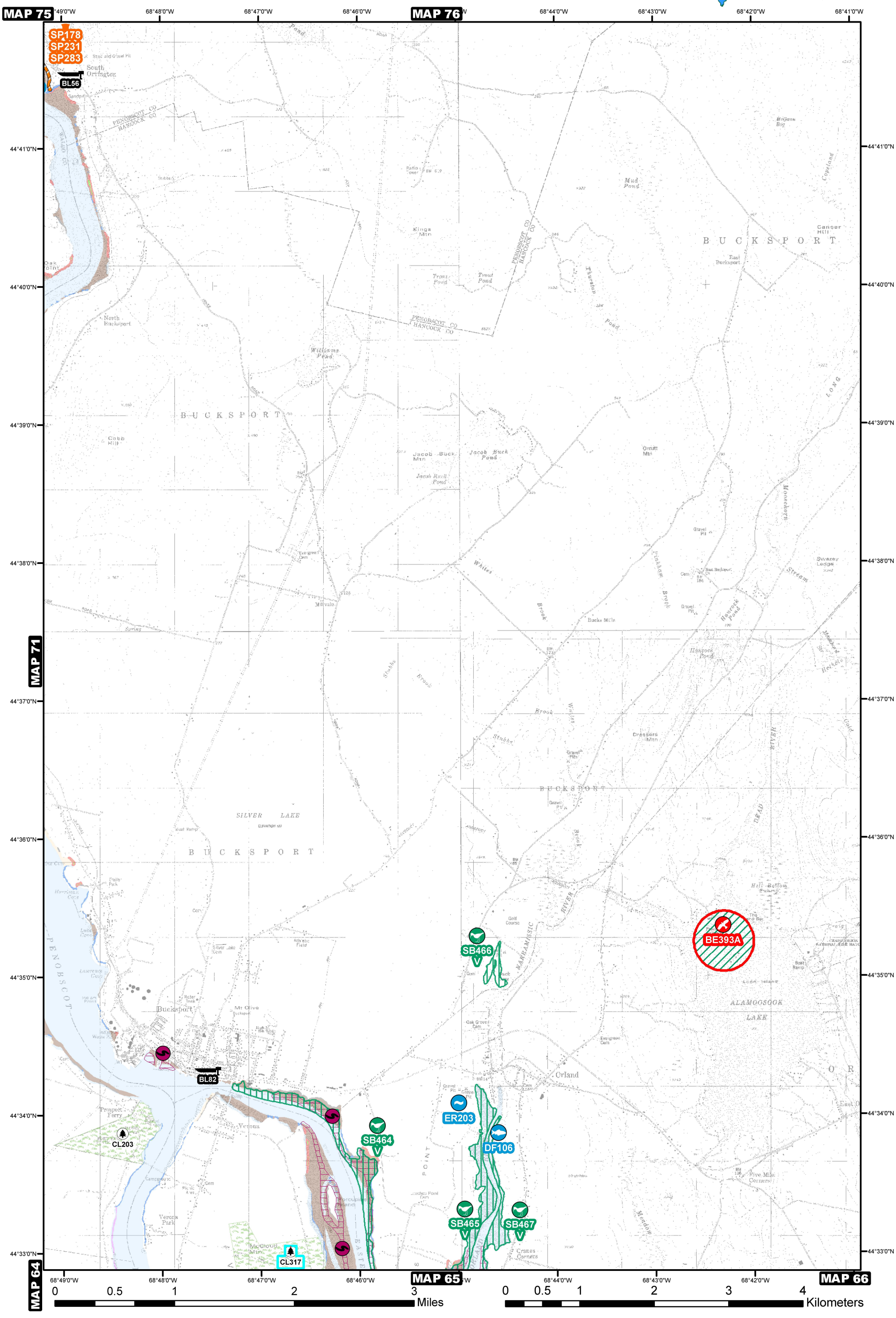

ENVIRONMENTAL SENSITIVITY MAP - 72

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-24-2 C-24-3

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
BE393A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SP178	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP231	Mudwort	*Limosella australis*	SC	
SP283	Horned Pondweed	*Zannichellia palustris*	SC	

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
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Killdeer	*Charadrius vociferus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Sep.- Nov.		

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
DF106	trout brown	*Salmo trutta*						x x x	FW	FW	FW	Oct.-Feb.
	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
	shad american	*Alosa sapidissima*			R	R x x	x x x	x R x	FW	FW	May-Oct	May-Sep.
ER203	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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.

CONSERVATION LANDS (CL)

EVI NO	NAME
CL203	FORT KNOX STATE HISTORIC SITE
CL317	JOOST PROPERTY

BOAT LAUNCHES (BL)

(state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL56	DOC	TR	10	N	PART	N
BL82	DOC	TR	22	N	ALL	N

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

MAP 73

MAINE ENVIRONMENTAL VULNERABILITY INDEX

Version 2

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Not all resources in any specific area will be shown. Contact agencies directly for more information.
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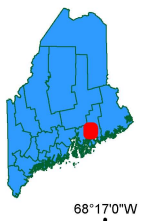

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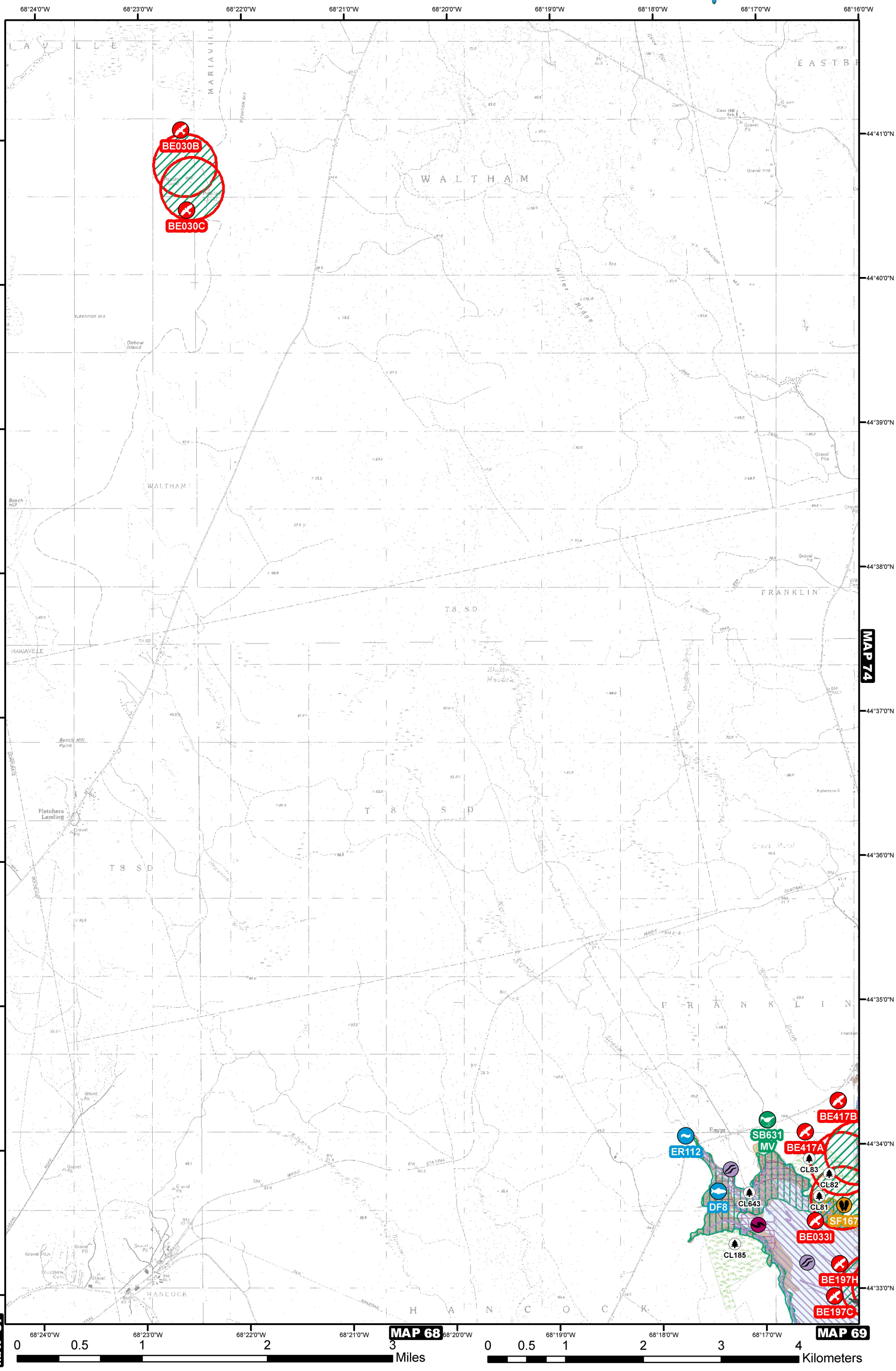

0 0.5 1 2 3 Miles

0 0.5 1 2 3 4 Kilometers

ENVIRONMENTAL SENSITIVITY MAP - 73

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-59-2 C-59-3

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
BE030B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE030C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE033I	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE197C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE197H	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE417A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE417B	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
59-084	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.	

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
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*				C C	C C C	U	May - Jun.		Jul.- Oct.		
Short-billed Dowitcher	*Limnodromus griseus*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		
Least Sandpiper	*Calidris minutilla*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Killdeer	*Charadrius vociferus*			U	C C C	C C C	C U	Mar.- Apr.	Apr.- Aug.	Sep.- Nov.		
Greater Yellowlegs	*Tringa melanoleuca*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
DF8	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
ER112	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF167	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

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.

CONSERVATION LANDS (CL)

EVI NO	NAME
CL185	EGYPT BAY
CL643	THE LITTLE ISLANDS
CL80	BURYING ISLAND
CL81	BUTLER ISLAND
CL82	BUTLER POINT
CL83	BUTLERS WEST SLOPE

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

MAP 74

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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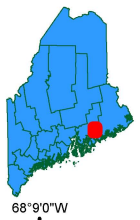

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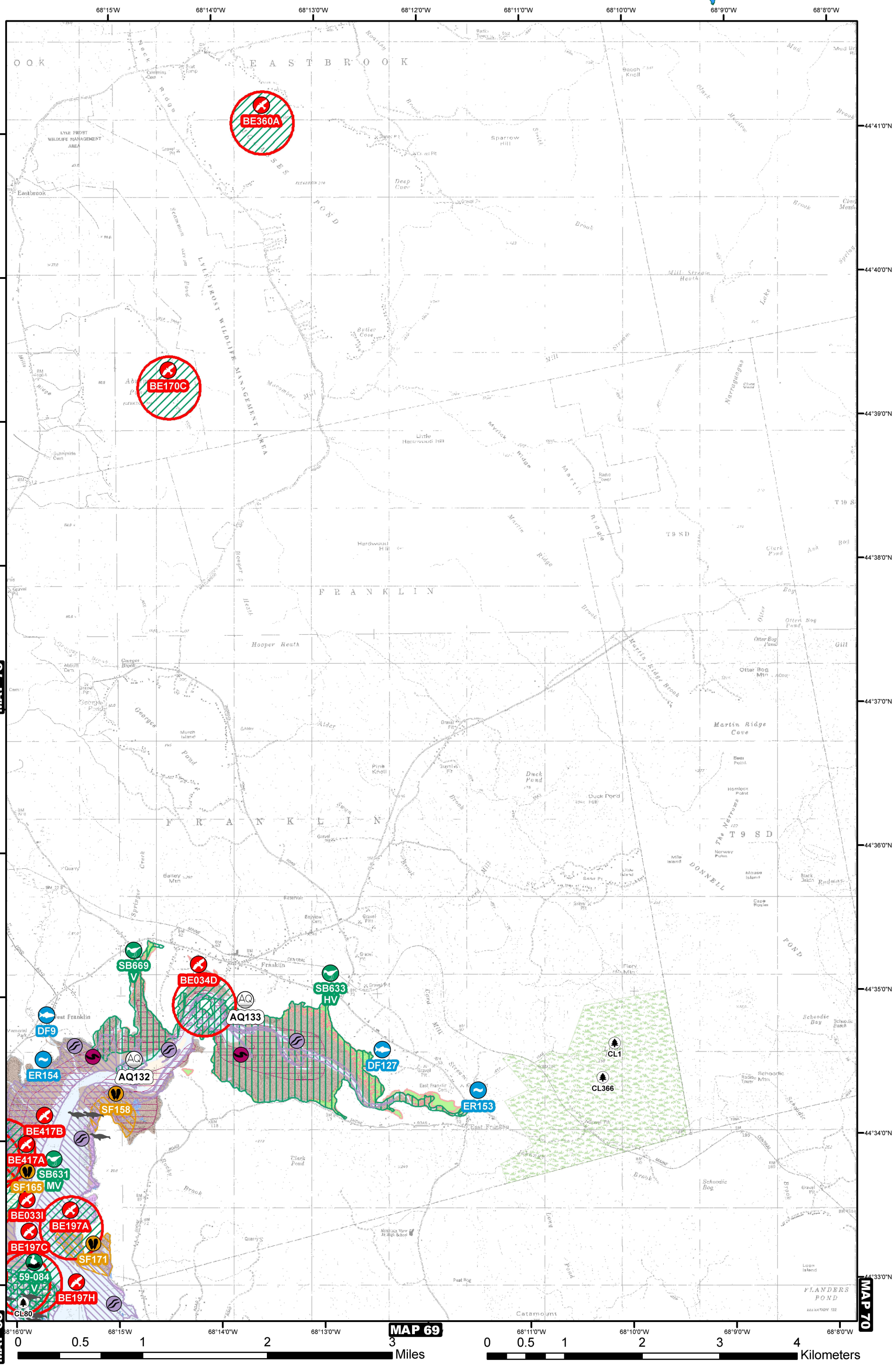

ENVIRONMENTAL SENSITIVITY MAP - 74

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: C-59-2 C-59-3

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
BE033I	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE034D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE170C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE197A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE197C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE197H	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE360A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE417A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE417B	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
59-084	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.	

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
Red Knot	*Calidris canutus*					U U U	U			Jul.- Oct.		
Unidentified Dowitcher	*Limnodromus spp.*				C U	C C C	U	May - Jun.		Jul.- Oct.		
Dunlin	*Calidris alpina*				U U	U C	C C	May - Jun.		Aug.- Nov.		
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.		
Black-bellied Plover	*Pluvialis squatarola*				C C	U C C	C U	May - Jun.		Jul.- Nov.		
Unidentified Sandpiper	*Calidris spp.*				U C C	C C C	U U	May - Jun.		Jul.- Oct.		
Unidentified Yellowlegs	*Tringa spp.*				C C U	U C C	C U	Apr.- Jun.		Jul.- Nov.		
Ruddy Turnstone	*Arenaria interpres*				U C C	C C C	U 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.		
Spotted Sandpiper	*Actitis macularia*				U C C	C C C	U			Jul.- Oct.		
White-rumped Sandpiper	*Calidris fuscicollis*					U U U	U			Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*				U	C C C	U	May		Jul.- Oct.		

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
DF9	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
DF127	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
ER153	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER154	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
SF158	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF165	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.
SF171	clam soft	*Mya arenaria*			x x x	x x x	x x x	x x x	May-Sep.	May-Oct.	Jan.-Dec.	Jan.-Dec.

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
AQ132	oysters	Michael Briggs	207-266-3353	7.47AC
AQ133	oysters	Michael Briggs	207-266-3353	7.47AC

CONSERVATION LANDS (CL)

EVI NO	NAME
CL1	UNIDENTIFIED
CL366	LITTLE POND
CL80	BURYING ISLAND
CL82	BUTLER POINT

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

MAP 75

MAINE ENVIRONMENTAL VULNERABILITY INDEX

Version 2

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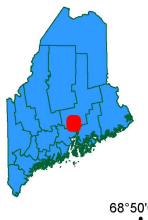

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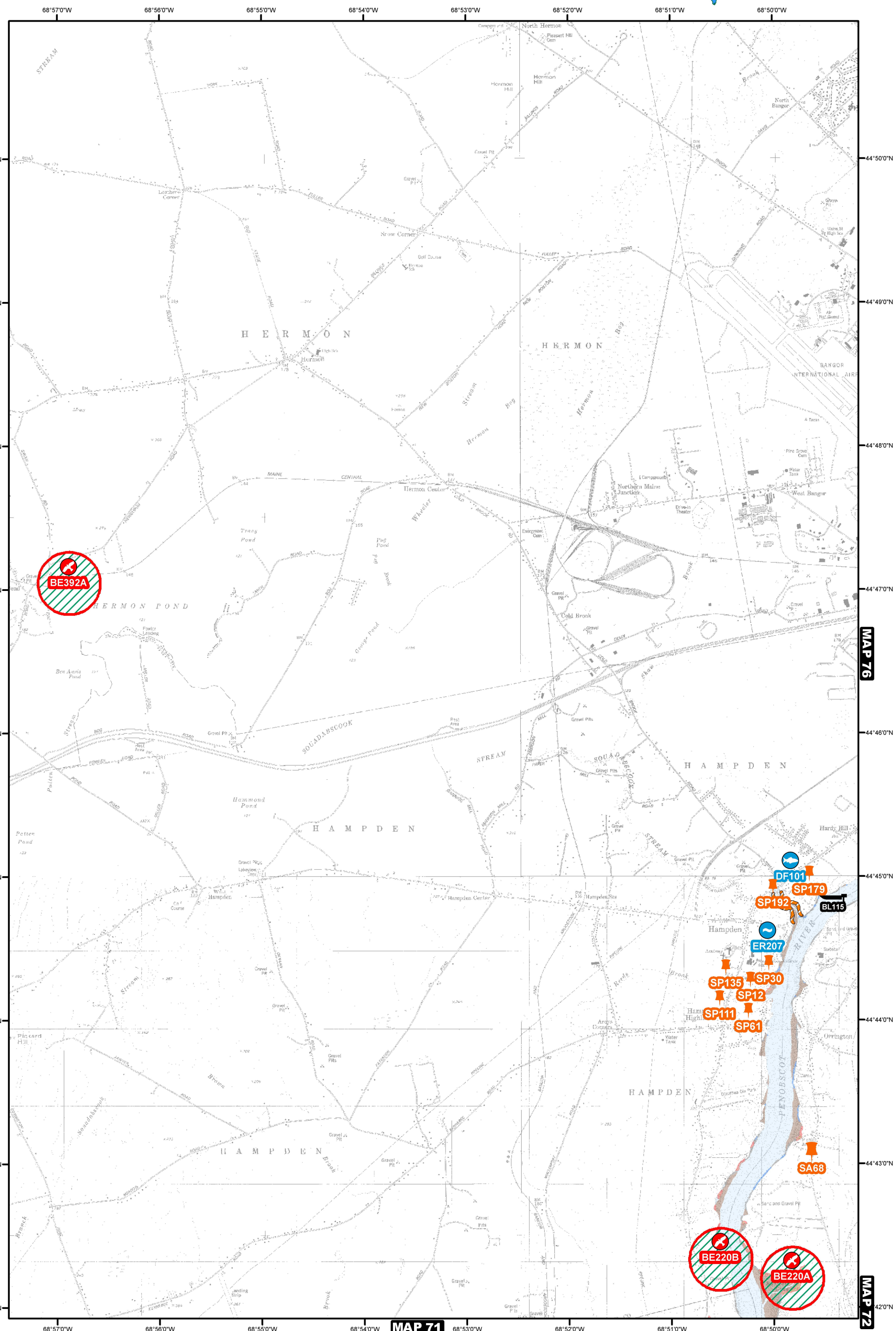

ENVIRONMENTAL SENSITIVITY MAP - 75

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA:

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
BE220A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE220B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE392A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SA68	Rare Animal	*SEE IF&W BIOLOGIST or GIS*		
SP111	Mudwort	*Limosella australis*	SC	
SP12	Pygmyweed	*Crassula aquatica*	SC	
SP135	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP179	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP192	Pygmyweed	*Crassula aquatica*	SC	
SP224	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP232	Mudwort	*Limosella australis*	SC	
SP264	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP276	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP30	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP61	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	

FISH:

DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER R=RARE		
DF101	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
ER207	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

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.

BOAT LAUNCHES (BL)

(state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL115	HAMPDEN	TR	43	Y	ALL	Y

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

MAP 76

MAINE ENVIRONMENTAL VULNERABILITY INDEX

Version 2

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Not all resources in any specific area will be shown. Contact agencies directly for more information.
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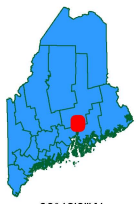

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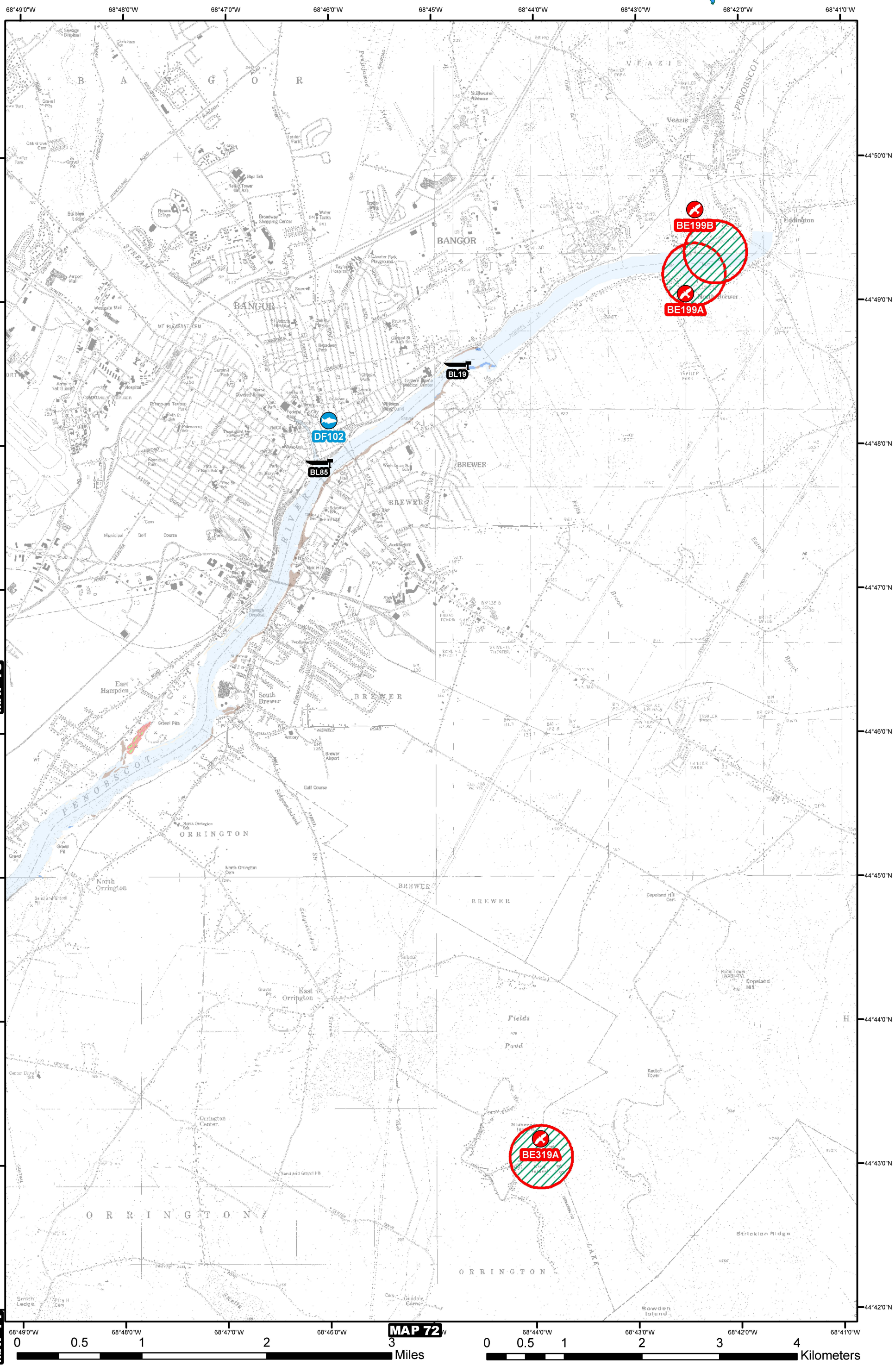

0 0.5 1 2 3 Miles

0 0.5 1 2 3 4 Kilometers

ENVIRONMENTAL SENSITIVITY MAP - 76

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA:

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
BE199A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE199B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE319A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	

FISH: DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J F M	A M J	J A S	O N D	SPAWNING	LARVAE	JUVENILE	ADULT
										FW=FRESHWATER	R=RARE	
DF102	salmon atlantic	*Salmo salar*				R x x	x x x	x R	FW	FW	Apr-Jul	Apr.-Oct.
	smelt rainbow	*Osmerus mordax*			x x x	x x x	x x x	x x x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x x x	x x x	x x x	x x x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	sturgeon atlantic	*Acipenser oxyrinchus*			x x x	x x x	x x x	x x x	FW	FW	Apr-Nov	Apr.-Nov.
	alewife	*Alosa pseudoharengus*			R R R	x x x	x x x	x R R	FW	FW	Jan-Dec	Apr.-Oct.
	blueback herring	*Alosa aestivalis*				x x x	x x x	x x	FW	FW	Apr-Nov	Apr.-Nov.
	shad american	*Alosa sapidissima*			R	R x x	x x x	x R x	FW	FW	May-Oct	May-Sep.

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.

BOAT LAUNCHES (BL)

(state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL19	BREWER	TR	20	N	FRESH WATER	N
BL85	BANGOR	LF		Y	ALL	Y

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