

INLET SUMMARY SHEET

INLET: Jenny Pond (Prudence Island) (#40)

DATE AND TIME SURVEYED AND TIDE STAGE: Did not ground survey.

INLET CLASS: D

GEOMORPHOLOGY: Two small depositional bar complexes (sand and gravel) with small channels that drain marsh systems. Both have well-defined ebb-tidal deltas.

PRINCIPAL RESOURCES AT RISK: Salt marshes and some tidal flats are associated with the Jenny Pond (Prudence Island) area. Birds, including wading birds, waterfowl (canada geese, black ducks), shorebirds, and gulls utilize the area. Winter flounder, tautog, alewife, blue fish, black seabass, striped bass, may be in the area. Horseshoe crabs, as well as clams, oysters, and quahogs (*Mercenaria*) are present. Terrapin turtles may occur in this area. Recreational fishing occurs in the area. Jenny Pond is part of the National Estuarine Sanctuary. The beaches in front of the marshes are recreational (swimming) beaches, but there are no facilities associated with them.

PRELIMINARY PROTECTION STRATEGY: The objective is to prevent oil from entering the marsh systems by constructing two sediment dikes at the two small channels that connect the marshes with the ocean, using sediment from the intertidal zone and the associated beach berms. Care should be taken not to disturb any birds that may be nesting on the beach. Do not take sediment from vegetated areas. The westernmost dike will measure approximately 270 ft. long and the easternmost dike will measure approximately 200 ft. long.

Collection Point	Description	Access	Proposed Equipment
	Sediment dikes. Sand and gravel beach.	From Homestead, head west to the intersection of the road from the town of Prudence. Access inlets by driving on beach at low tide.	Bulldozer, front-end loader

RESOURCES REQUIRED (if full strategy is implemented): Construction equipment (such as front-end loaders, bulldozers, or other similar equipment that are available) for construction of the sediment dike. Standard beach cleaning equipment and personnel necessary for beach clean-up operations.

CONTACT INFORMATION:

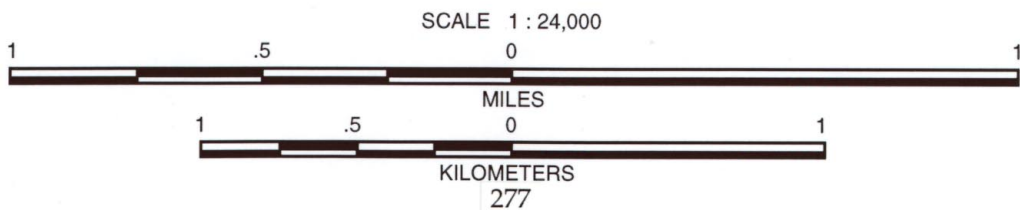
Rhode Island Dept. of Env. Mgmt. Emergency Response:	(401) 222-3070
U.S. Fish and Wildlife:	(401) 364-9124
U.S. Coast Guard:	(401) 435-2300
Coastal Resources Management Council:	(401) 783-3370
Portsmouth EMA Director:	(401) 683-5510

OTHER COMMENTS:

40 - JENNY POND



From USGS 7.5' topographic quad: Bristol, RI-Mass, published: 1955, photorevised 1970 and 1975; Prudence Island, RI published: 1955, photorevised 1970 and 1975



INLET SKETCH MAP

Inlet Name JENNY POND

Inlet Number 40

Recorder(s) MOH/LC

Date/Time 24 MARCH 1999

Tide Stage -

Inlet Classification D

CHECKLIST

- North Arrow
- Scale
- Substrate Type

278

LEGEND

○^R
Red Channel
Marker Buoy

○^G
Green Channel
Marker Buoy

∟ ∟
Marsh

○○○○
Riprap

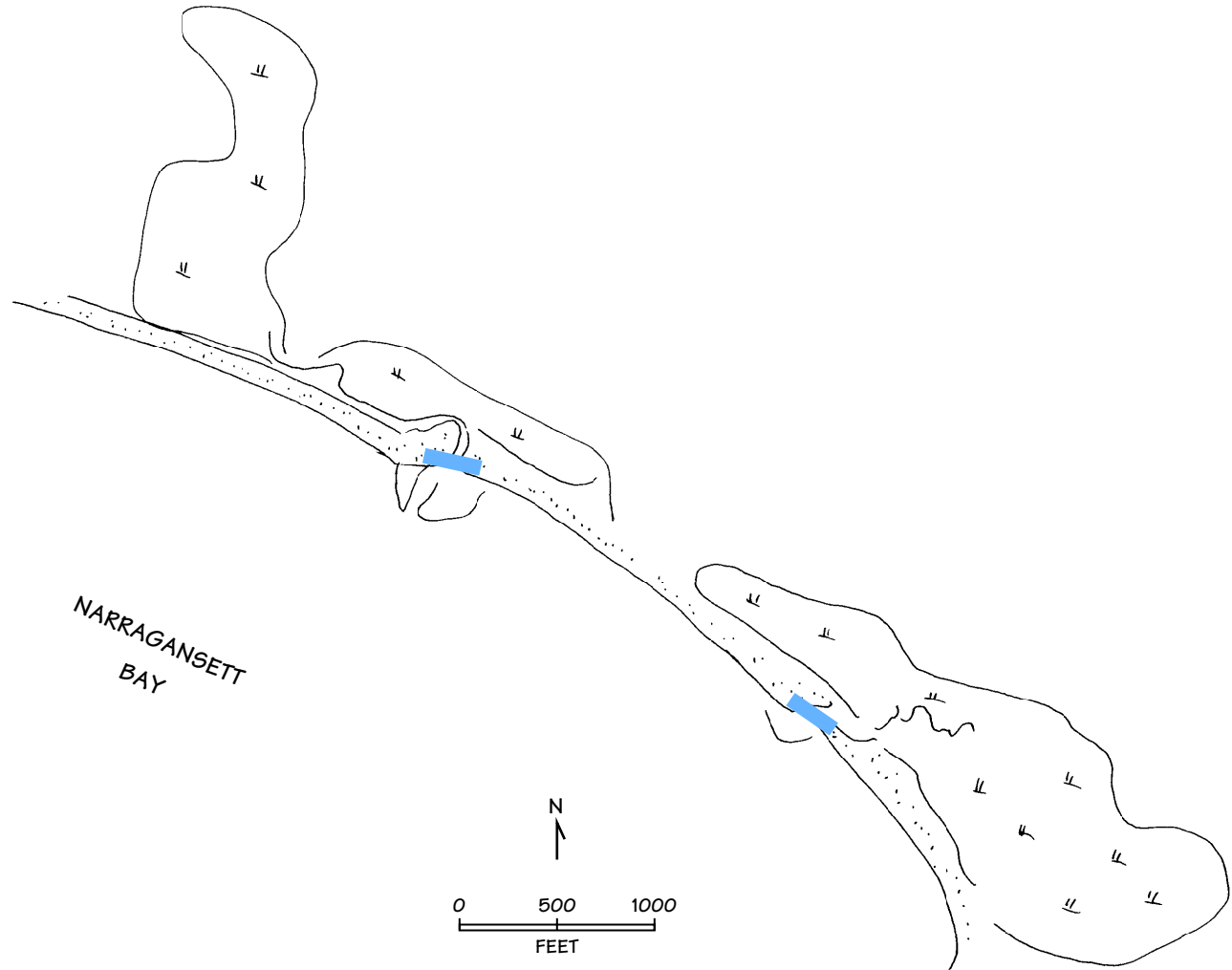
●●●●
Sand

⊙⊙⊙⊙
Sand & Gravel

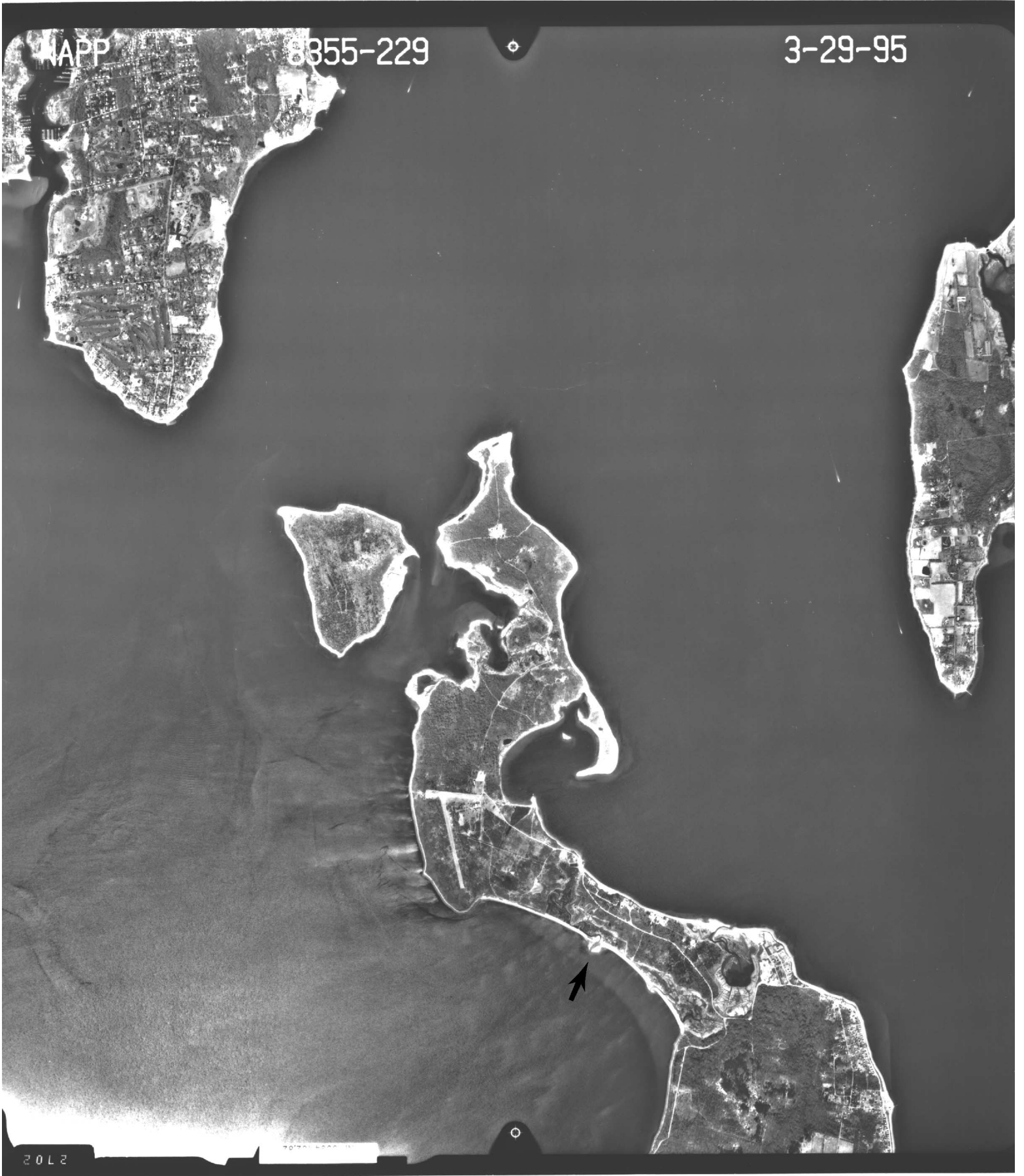
⊙⊙⊙⊙
Gravel

POTENTIAL PROTECTION STRATEGY (FLOOD TIDE)

Sediment Dike



40 - JENNY POND



From USGS NAPP: roll #8355 frame #229; March 1995; scale -1:40,000
279

0 1 2 MILES



Looking NWW at low tide on 17 March 1999, Jenny Pond (Prudence Island) (#40).