

005-072

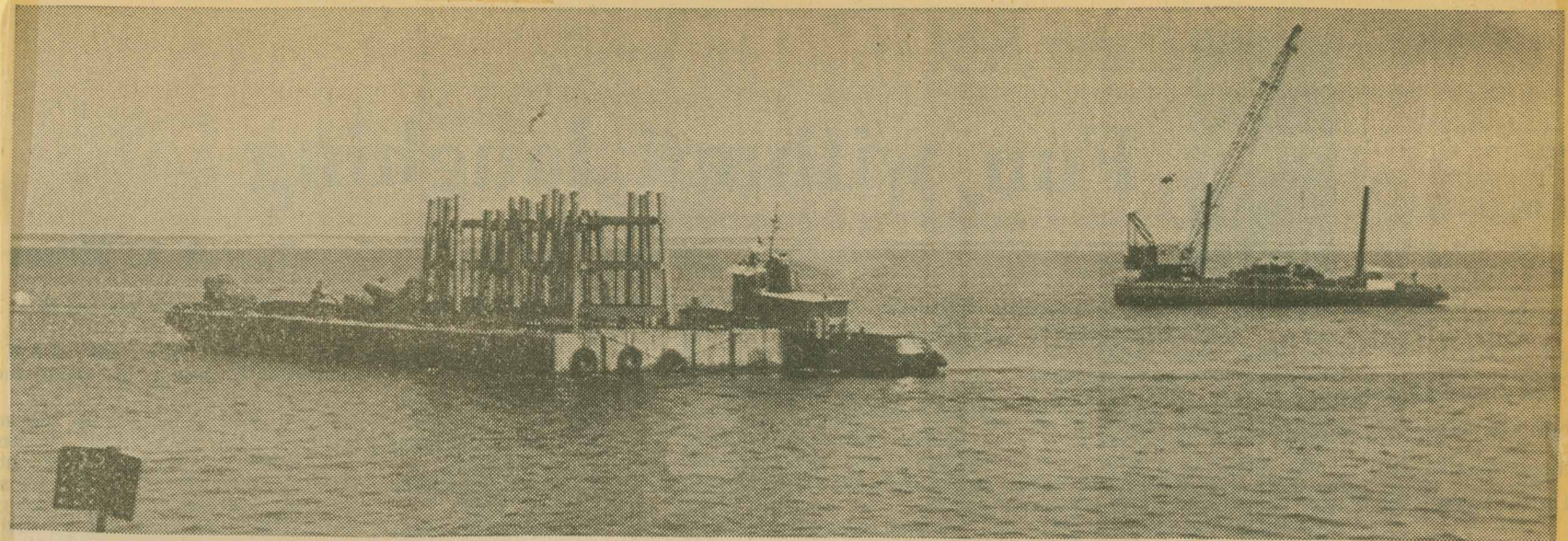
769

**New Breakwater**

One change that will have permanence of a sort is due to be made in the harbor quite soon. Sometime within the next couple of months the ungainly but utilitarian barges of the Campanella Company will put around the Point and start dropping some \$4,000,000 worth of rock along a northeast-southwest bias off MacMillan's wharf. The breakwater has been a long time coming. The Army Engineers OK'ed the project in 1947 and Congress passed a bill authorizing it a year or so later, but it failed to appropriate the million and a half dollars that constructing the refuge would have cost then.

There are some who wail that the jetty will spoil the looks of the harbor. Nuts to fairweather sailormen. And in the third place, the breakwater won't be that big. Two thousand feet sounds like a long way, for that is the proposed length of the dike, but it will be surprising how easily it will melt into the general picture of things. There's lots more harbor than most people think. And to those of us who are weary of seeing wrecks along the beach after the winter storms, that heap of stone will look just lovely.

I remember being caught in some weather on Long Island Sound. When the craft turned the pylon at the end of the Saybrook mole at the mouth of the Connecticut River I never saw a prettier stack of rock in my life.



Prefabricated steel-like dolphins are floated out on the barge — and a crane on another — for work along limits of the new Provincetown breakwater project. The barges with rock for the actual breakwater will be tied to the dolphins. Campanella Corp. has the contract for the 2,500 foot breakwater. (Staff Photo by Neil G. Nickerson)

# Cape-tip barrier work starts

By NEIL G. NICKERSON  
 PROVINCETOWN — Work on Provincetown Harbor's new breakwater is under way.

Wilfred Livramento of Harwich, project supervisor for the Campanella Corp., which has the contract, said that the stone work probably would commence late next week.

Livramento urged all boat owners to keep their craft away from the project site. There are four buoys with cables, and there is a danger to boats, if they run onto them.

**Warning to boaters**

A warning to mariners has been sent out through the Coast Guard, but already several have hit the cables. Fortunately no damage has been caused.

The breakwater is expected to be 2,500 feet in length. The westerly end will be installed first, it was learned.

Prefabricated dolphins, which are mooring spars, were taken out and put in place on Friday. To these, the barges hauling the

stone for the breakwater, will be fastened. They will come from New Bedford.

Livramento said the project office will be on MacMillan Wharf, and that Arthur Hallam is manager of the marine division of Campanella Corp.

**Large crane**

The dolphins were lifted from barges and put in place by a large crane that also is on another barge.

The Provincetown breakwater has long been a dream in the minds of many residents. It was approved by Congress in 1948, but no funds were provided. Then along came the Korean

conflict, and there was no money.

That was the situation for the next 15 or more years, until in the late '60's. Congress supplied some funds at different times until at last there was enough money to get started. Specifications were issued by the U.S. Army Corps of Engineers, and the contract let to the Campanella corp. last spring, for \$4.3 million dollars.

The amount of non-federal funds required for the project was pegged at the start at \$760,000, which is to be divided equally between town and state. Provincetown has had

its share available for years, voting a \$380,000 bond issue by unanimous vote at the 1967 town meeting.

**Slight circle**

The breakwater will be installed some distance off MacMillan Wharf, extending in a southeasterly direction, with the southeast end circling slightly toward the shore, to protect the center from southeasterly and easterly gales.

Winds for this direction have a broad expanse of water to traverse, whereas winds from other directions hit land before they get to the shorefront, the wharves, and the fishing fleet.