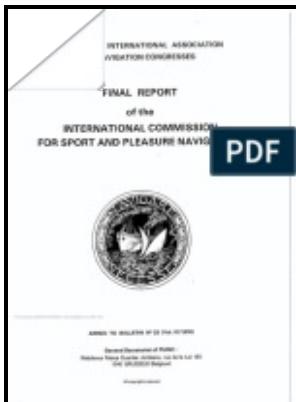


# Evaluation of tying materials for floating tire breakwaters

## University of Rhode Island - Operational Experience with Floating Breakwaters



Description: -

-  
History, Ancient  
Chronology -- Tables and date books  
Research institutes -- Africa.  
Security, International  
Disarmament  
African cooperation  
Breakwaters, Mobile -- Design and construction. Evaluation of tying materials for floating tire breakwaters

-  
Marine technical report -- no. 54.  
University of Rhode Island Marine technical report -- no. 54. Evaluation of tying materials for floating tire breakwaters  
Notes: Includes bibliographical references (p. 23).  
This edition was published in 1977



Filesize: 50.63 MB

Tags: #16. #Some #North #American #experiences #with #floatingbreakwaters

### Breakwater system

The main conclusions were that the beach in front of the Sirius hotel is still suffering from erosion and if this erosion trend. A spliced vehicle tire comprising: a a vehicle tire radially severed to form a pair of abutting ends; b a pair of apertures through the tire material oppositely disposed on either side of the sever, a pair of elongated slits in the tire material, one in communication with each aperture and extending in opposite directions; c an elongated splice member comprising an elongated strip, the cross-sectional size of the strip being compatible with the size of the apertures, a pair of enlarged end lobes, one on each end of the strip, the size of each end lobe being compatible with the combined length of the elongated slit and aperture; whereby each end lobe is removably insertable in opposite apertures in order to hold the tire in substantially annular configuration.

### Breakwater system

For example, the splice strip member 36 may be longer than the distance between the bores 52 and 56 so that more than three tires may be joined by one spliced tire. The present invention provides a unique tire splice in which the tires may be interlocked together so that only tire material is used to construct the floating body thereby eliminating the need for lashing the tires together by cable, ropes, or the like which are subject to corrosion and deterioration. In order to prepare a tire for interlocking with another tire, it is necessary to radially sever the tire as shown in FIG.

### 16. Some North American experiences with floatingbreakwaters

. En waarin ook een kostenschatting van de dynamische golfsbreker in het Ekofisk veld is gemaakt. .

### Breakwater system

A floating breakwater as set forth in claim 9 wherein each annular member comprises a vehicle tire provided with a radial sever therethrough to form free abutting ends, a pair of apertures equally spaced of opposite sides of the sever, an elongated slit in the tire extending from each aperture in opposite directions away from the sever, a splice member of tire material comprising an elongated strip having width substantially equal to the diameter of the apertures and length shorter than the distance between the apertures when the severed ends are abutted, enlarged end pieces at each end of the elongated strip, each having a width substantially equal to the combined length of each slit and associated aperture, whereby the

free ends of the tire at the sever are overlapped and the enlarged end pieces of the splice member are removably insertable through the slits and rotated so that the plane of the splice is substantially parallel to the plane of the tire material adjacent the apertures.

## **Operational Experience with Floating Breakwaters**

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. The free ends produced by severing the tire are brought into overlapping engagement and the enlarged end lobes of the splice member are then inserted into the receptacle holes to secure the splice together. Because of this fact, around the town of Balchik, which is situated on the Black Sea coast, almost no sandy beaches are present.

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