

Preliminary Seed Mussel Survey Report for Cahore – 9 to 14/05/2019

Vessel: MV T.Burke II (BIM), Skipper John Murphy, Survey Officers Nicolas Chopin, Adam Andrews.

Equipment: 1 meter dredge and 400 kHz side-scan sonar

Area surveyed: North and South of the Rusk Channel, east of Cahore Point

Survey summary:

The objective of this survey was to identify the possible overwintered state of the 2018 Rusk Channel/Cahore bed remnants. Side-scan sonar was used to identify the presence of overwintered mussel and areas of suitable ground for new settlement. In addition, a total of 13 tows were made between a northern and southern survey of the channel. We found no overwintered mussel present. A single tow found signs of newly settled seed (2-4 mm) on hydroids only. Two further tows found traces of spat in the centre of the 2018 bed.

This survey indicated that there was no overwintered seed in the Rusk Channel, but that new settlement has occurred.

Bottom type: Mainly gravel with stones.

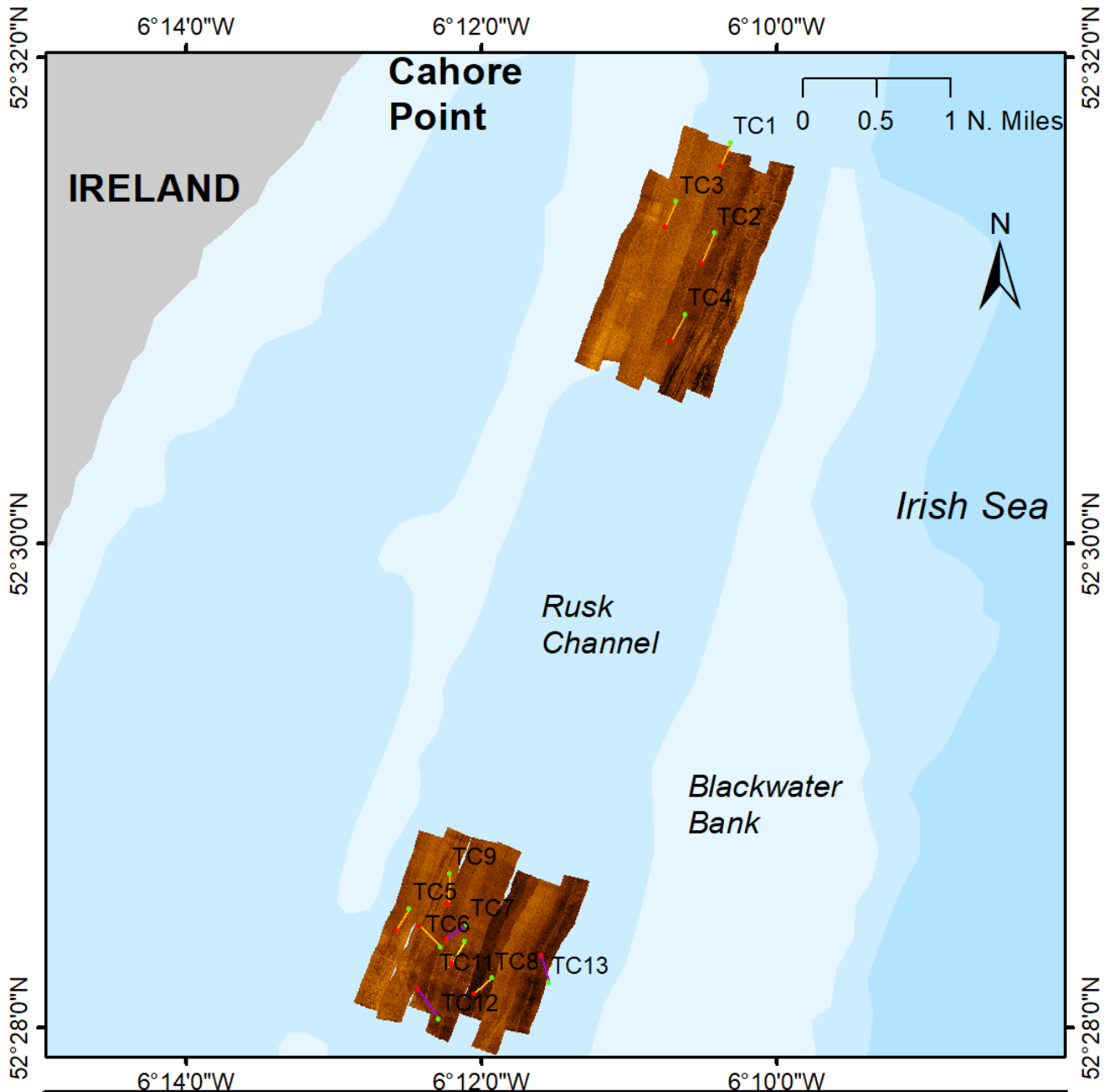
Recommendations:

The current settlement is limited. Further surveys will be conducted later in the summer to identify settlement in both areas of suitable ground cover in the channel and quantify the seed present.










BIM Inshore Survey Team
Seafood Technical Services and Business Unit

Notes for the map:


TC stands for Tow Cahore

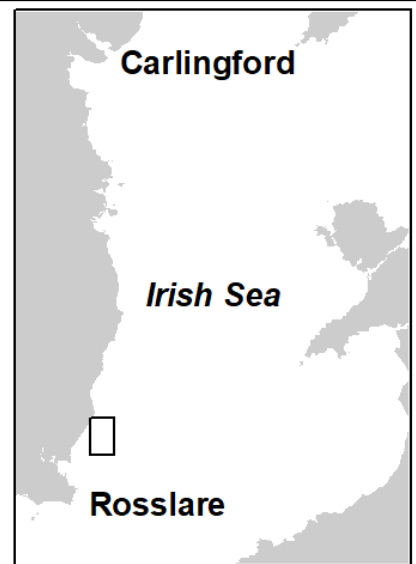


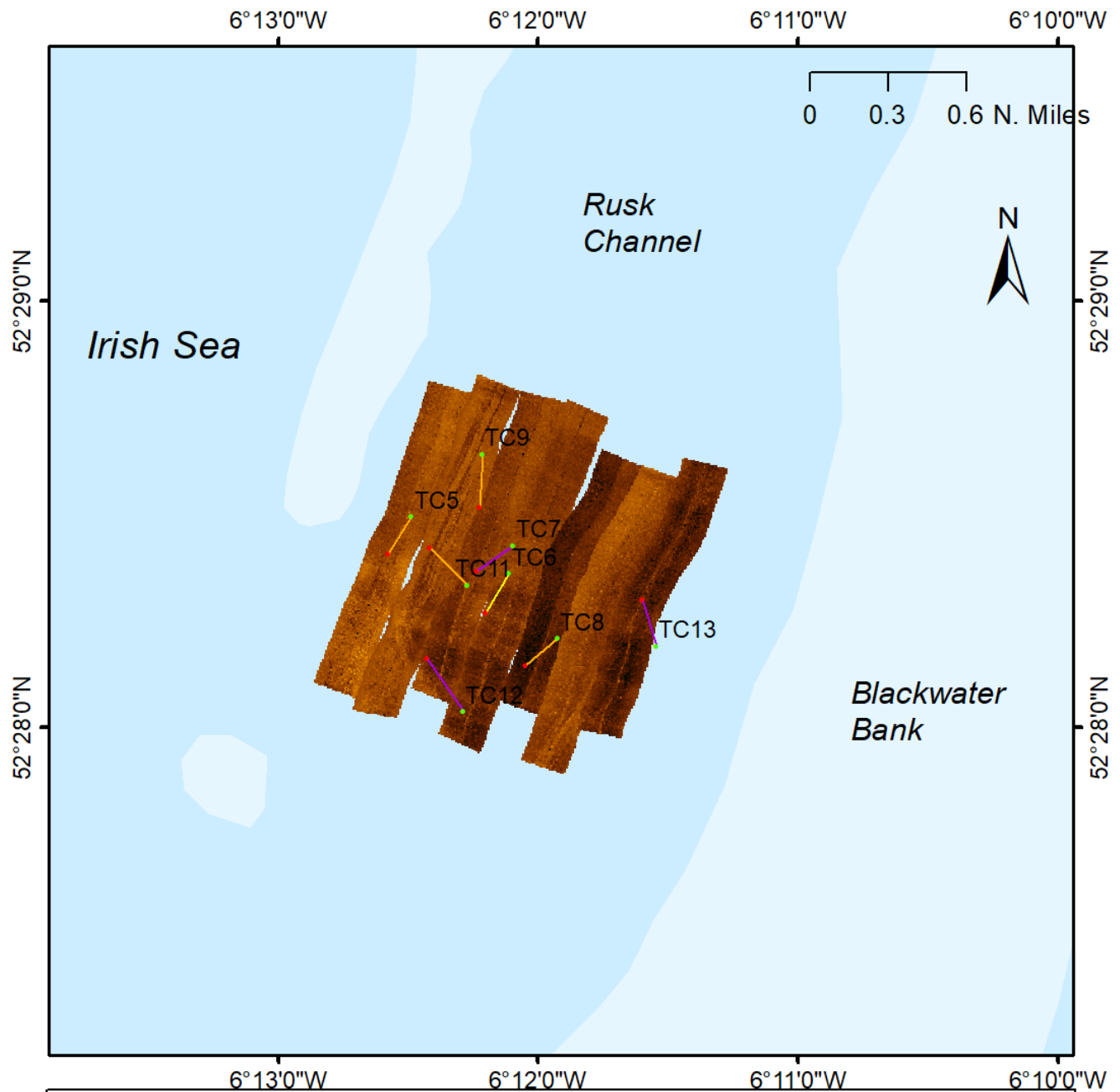
**Preliminary Seed Mussel Survey
Cahore - May 2019**

-  Possible Seed Mussel Bed
-  Side Scan Survey Extent
-  Tow Start
-  Tow End
-  Seed mussel
-  Signs of seed mussel
-  Other species only
-  Stones/shell only
-  Empty

Depth (m)

-  -1
-  > -10
-  -10 to -20
-  < -20





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