



Seed Mussel Survey Report for the Wicklow Area-25/05/14 to 26/06/14

Vessel: MV T'Burke (BIM), Skipper John Murphy, Survey Officer Nicolas Chopin

Equipment: 400 kHz side scan sonar, 1 meter dredge.

Area surveyed: from Five Miles Point (North) to Ballynacarrig/ Jack's Hole (South) on the coast within 5 nautical miles of the shore.

Survey summary:

Despite no fishery for the last couple of years, Wicklow remain one of the primary areas to survey for seed mussel.

Large areas have been covered using the side scan sonar and a number of features have been checked with by dredging, but again for this year it seems that no large quantities of seed mussel have settled in the area.

Old areas were checked as well but nothing was found.

Only very scattered seed (5 to 12 mm) was found on stones close to the shore (marked as *seed_traces_dgd* on the map).

Few areas remain to be checked: further southeast of the head, southeast of the India Bank and around the Codling Bank.

Bottom type: little change from the previous years: stones, boulders and rocks south of the head; shingle/ gravel north of the head.

Recommendations:

More survey will be carried out in the coming weeks around the areas previously mentioned.

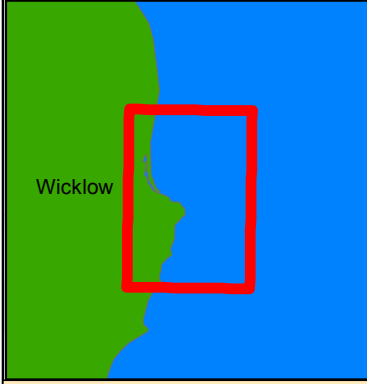
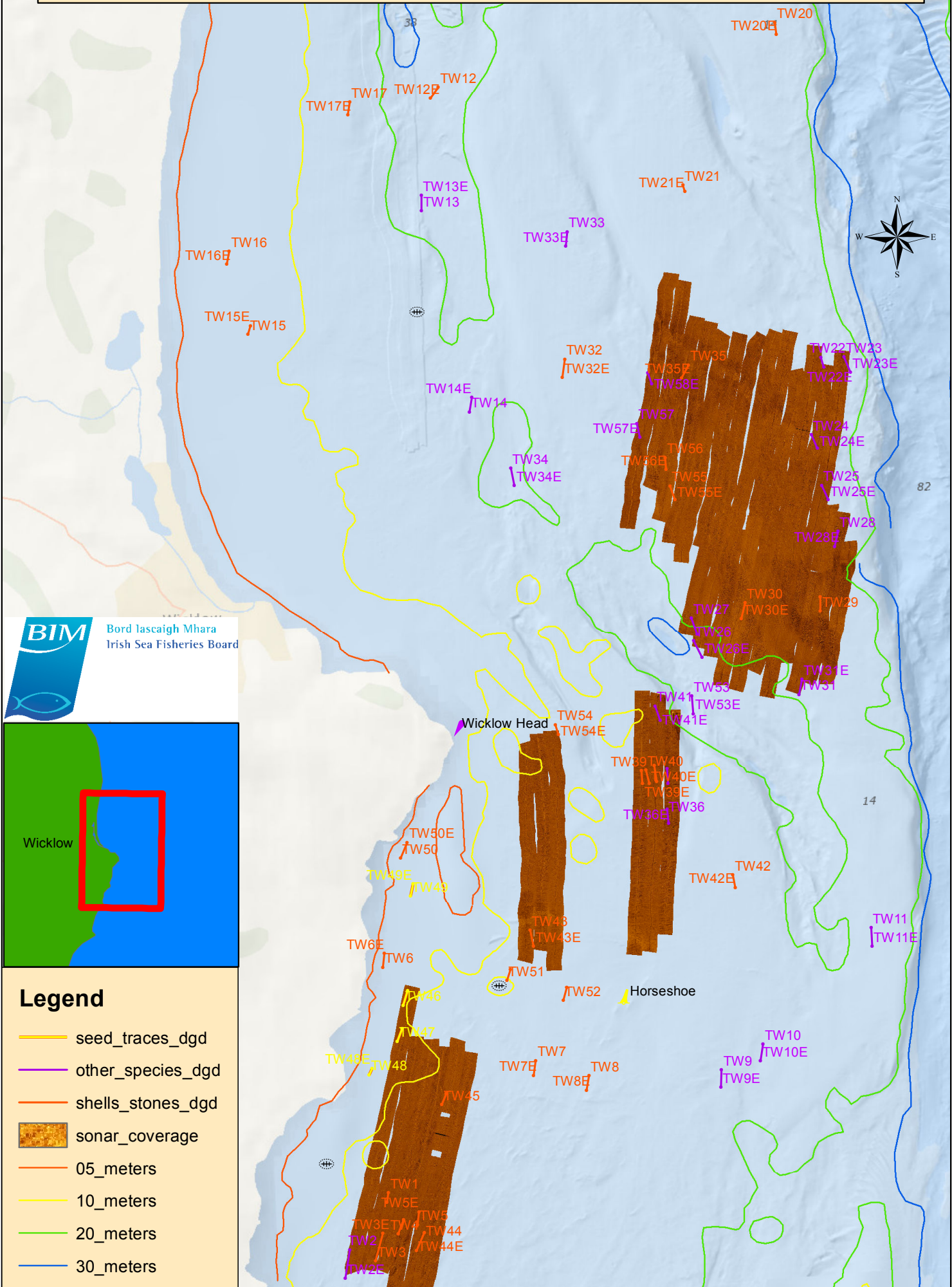
Nicolas Chopin
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Aquaculture Technical Section

Notes for the map:

TW stands for Tow Wicklow

In the legend Dgd stands for Dredge

Seed Mussel Survey Map of the Wicklow Area - BIM - 27/05/14 to 26/06/14



Legend

- seed_traces_dgd
- other_species_dgd
- shells_stones_dgd
- sonar_coverage
- 05_meters
- 10_meters
- 20_meters
- 30_meters