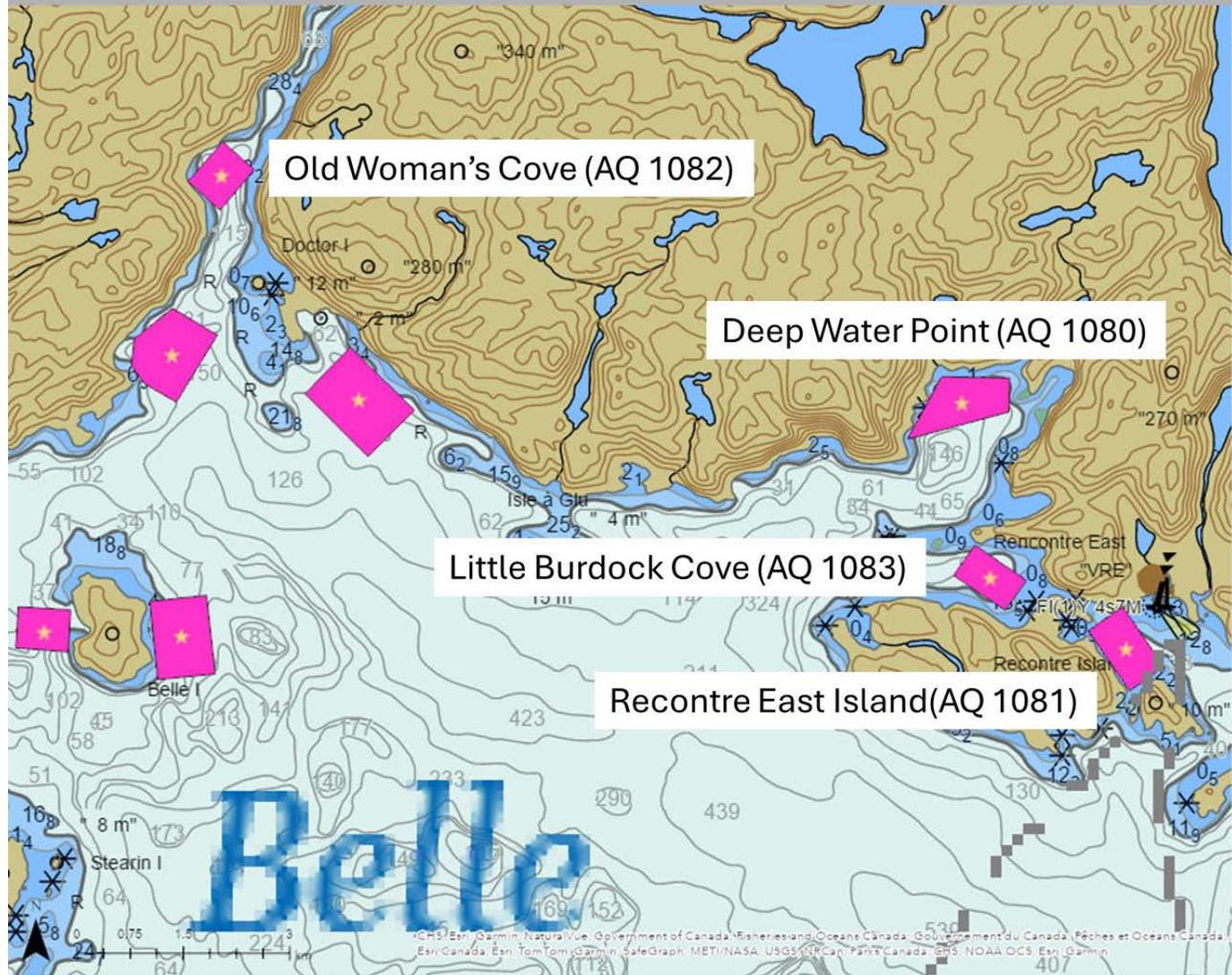


## **Appendix C - MCE Sea Farm Lease Maps**





# Canada Marine Planning Atlas



### NL Aquaculture - Licenses

- ★ Cage Culture
- ★ Cod Grow-out
- ★ Fish-out Pond
- ★ General
- ★ Hatchery
- ★ Shellfish

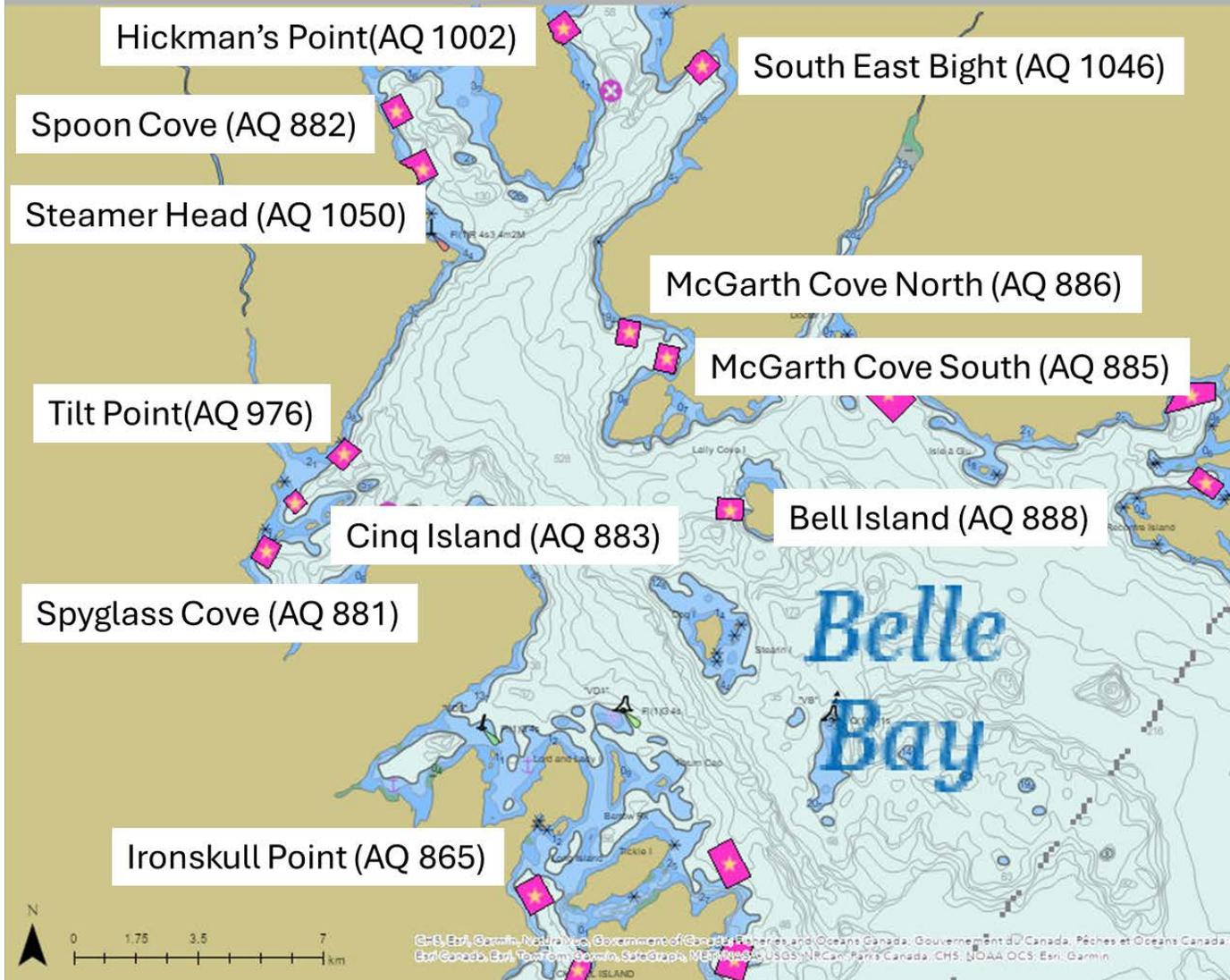
### NL Aquaculture - Site Boundaries

- Active
- Pending
- Expired

The maps and data that are contained in this application have been made available for information purposes only. The data used in this application are from a variety of sources and every reasonable effort has been made to ensure that the data are correct. Misalignment of some datasets may occur due to the methods used to produce the original product. Fisheries and Oceans Canada accepts no responsibility for the currency, positional or thematic accuracy of the data.

Bay Management Area 2 – MCE sea farm licence and lease locations

# Canada Marine Planning Atlas



### NL Aquaculture - Licenses

- ★ Cage Culture
- ★ Cod Grow-out
- ★ Fish-out Pond
- ★ General
- ★ Hatchery
- ★ Shellfish

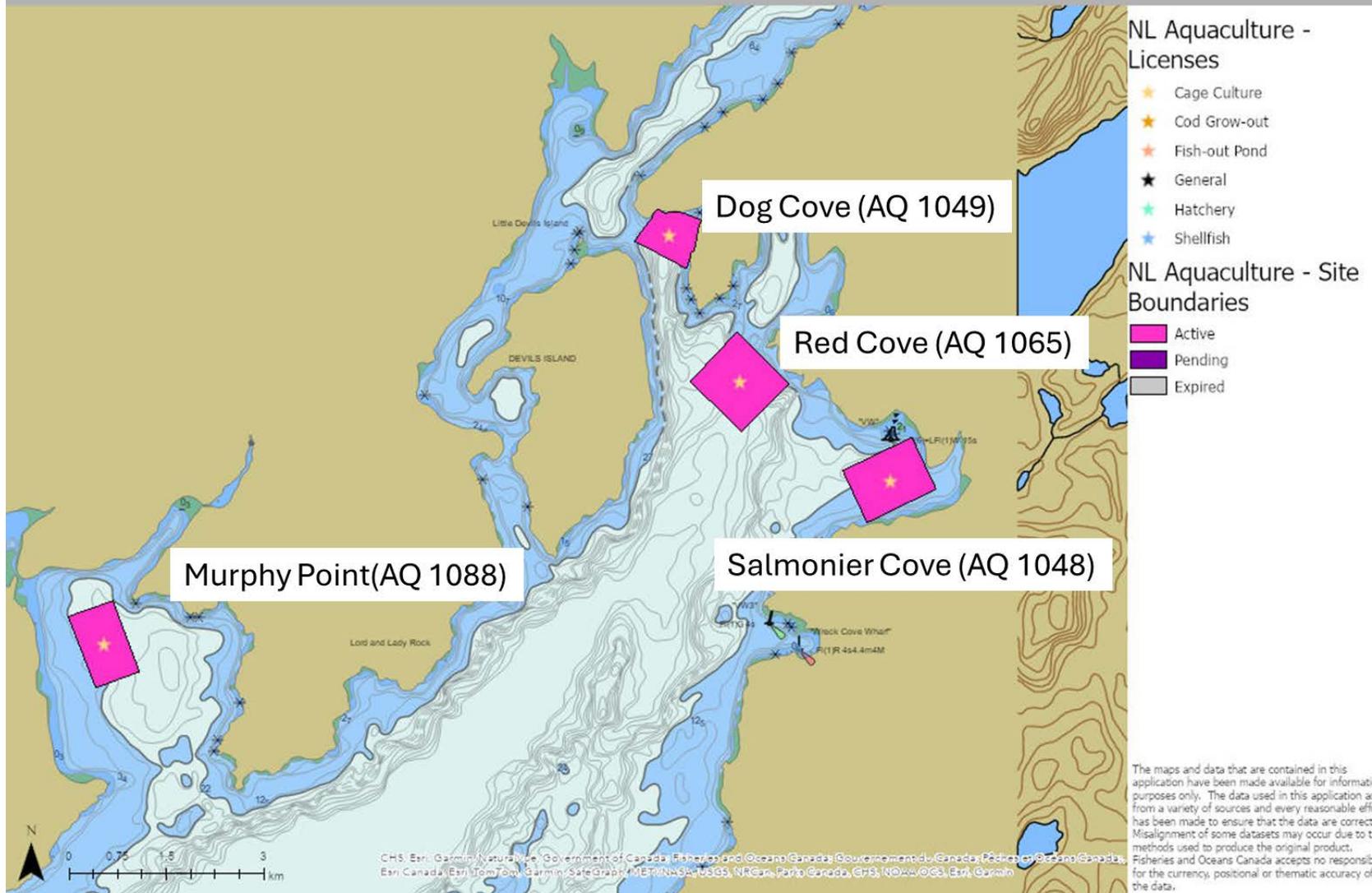
### NL Aquaculture - Site Boundaries

- Active
- Pending
- Expired

The maps and data that are contained in this application have been made available for information purposes only. The data used in this application are from a variety of sources and every reasonable effort has been made to ensure that the data are correct. Misalignment of some datasets may occur due to the methods used to produce the original product. Fisheries and Oceans Canada accepts no responsibility for the currency, positional or thematic accuracy of the data.

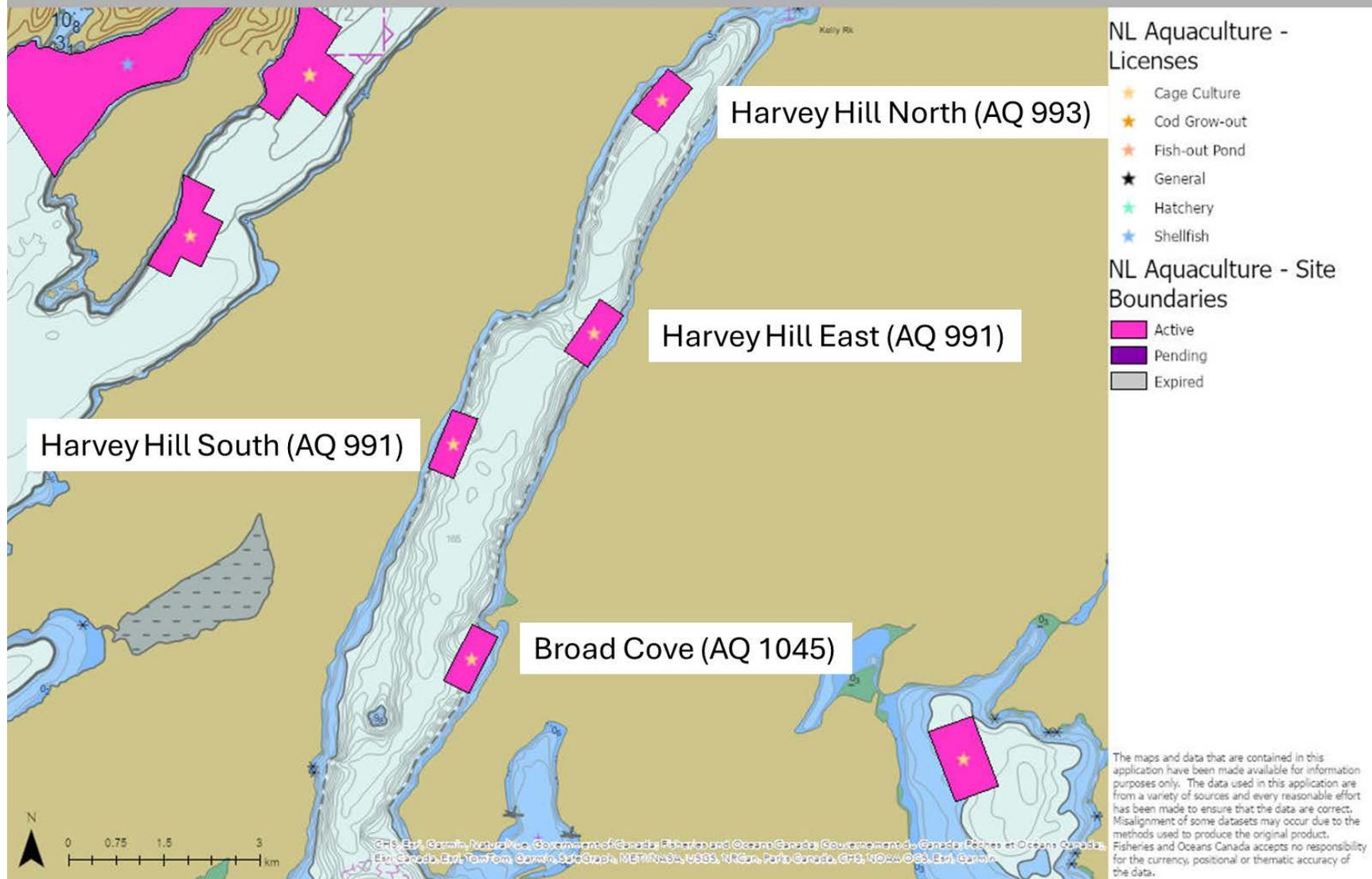
Bay Management Area 3 – MCE sea farm licence and lease locations

# Canada Marine Planning Atlas



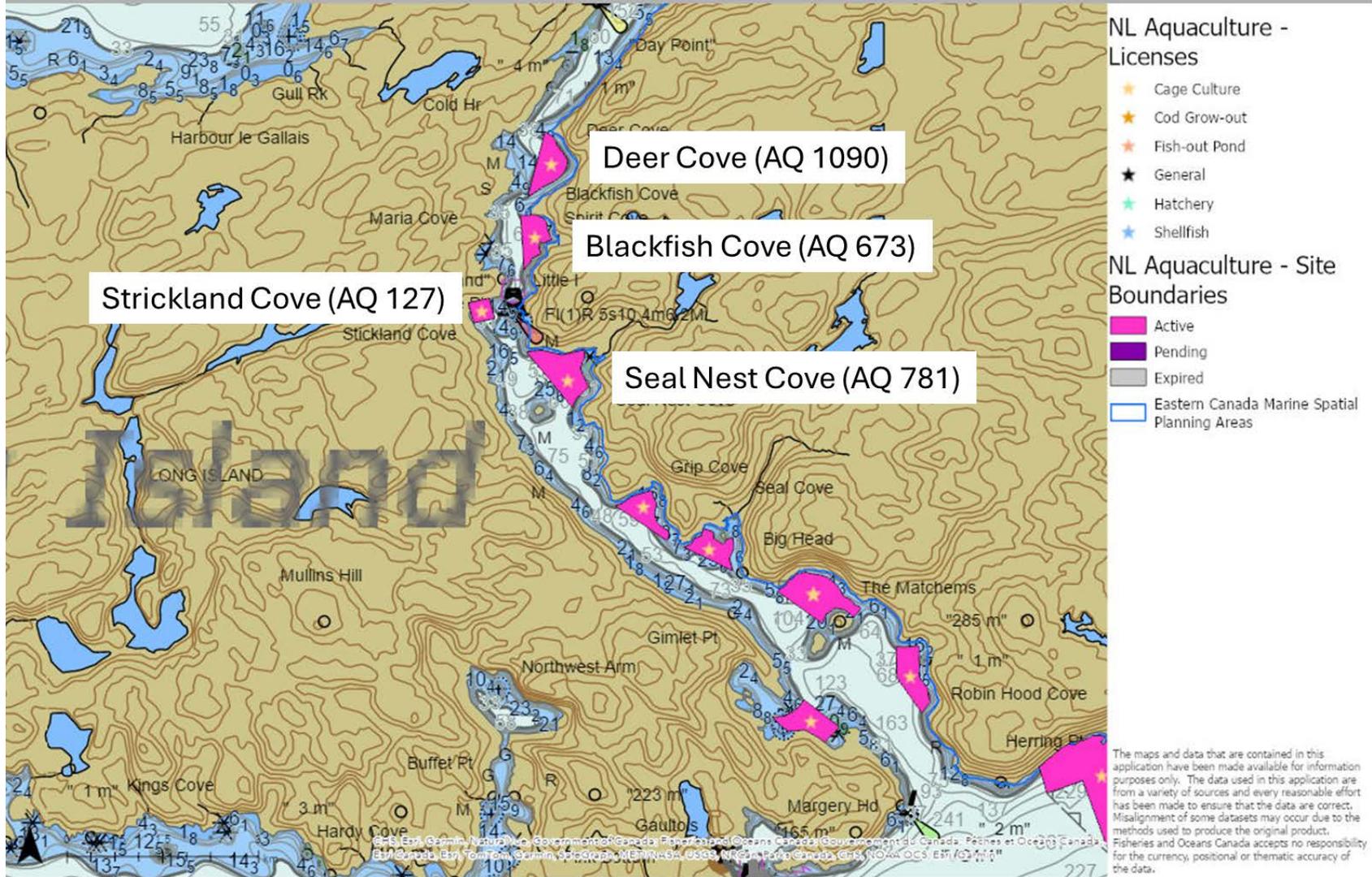
Bay Management Area 4 – MCE sea farm licence and lease locations

# Canada Marine Planning Atlas



Bay Management Area 5 – MCE sea farm licence and lease locations

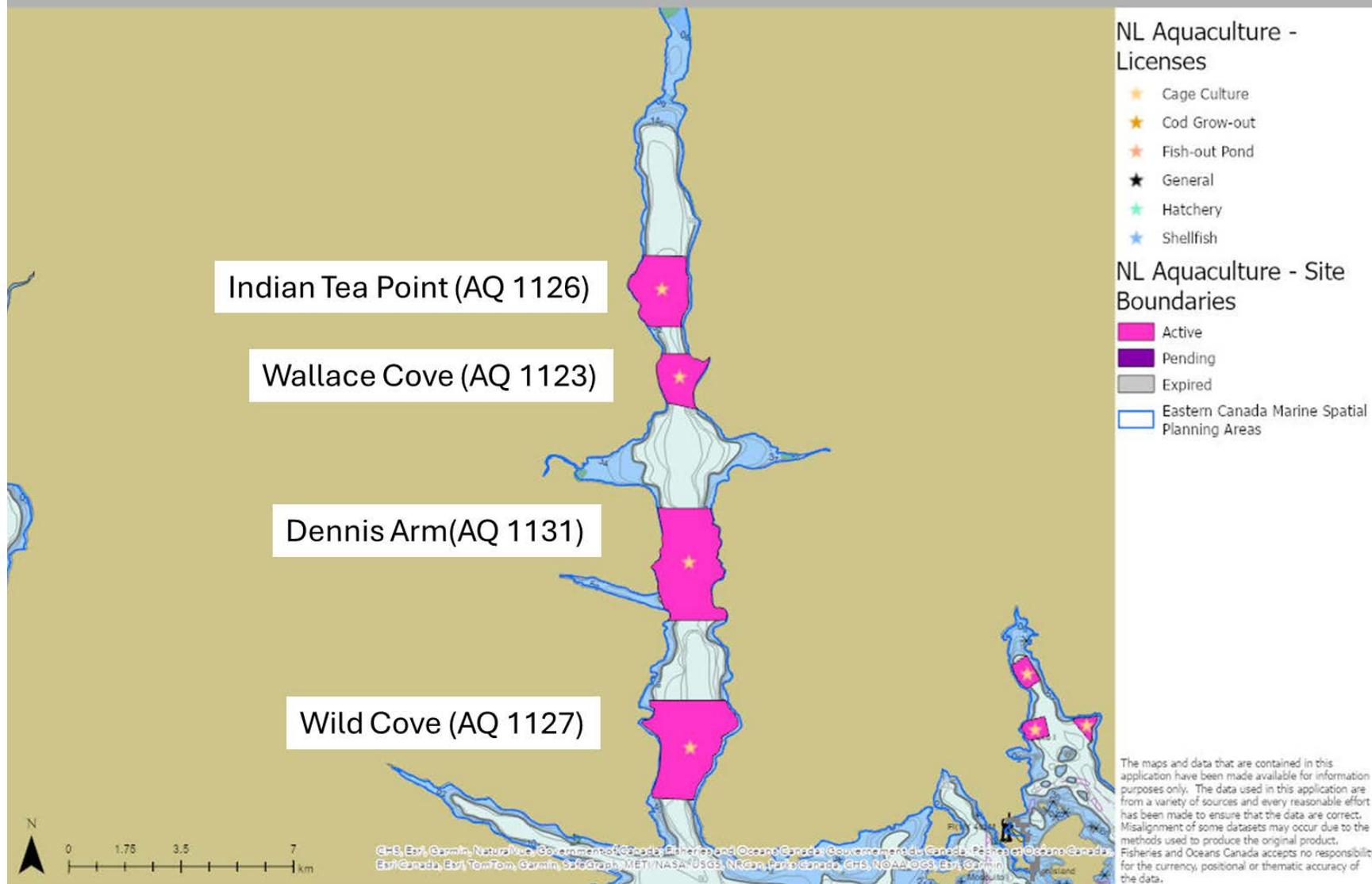
# Canada Marine Planning Atlas



Bay Management Area 8 – MCE sea farm licence and lease locations

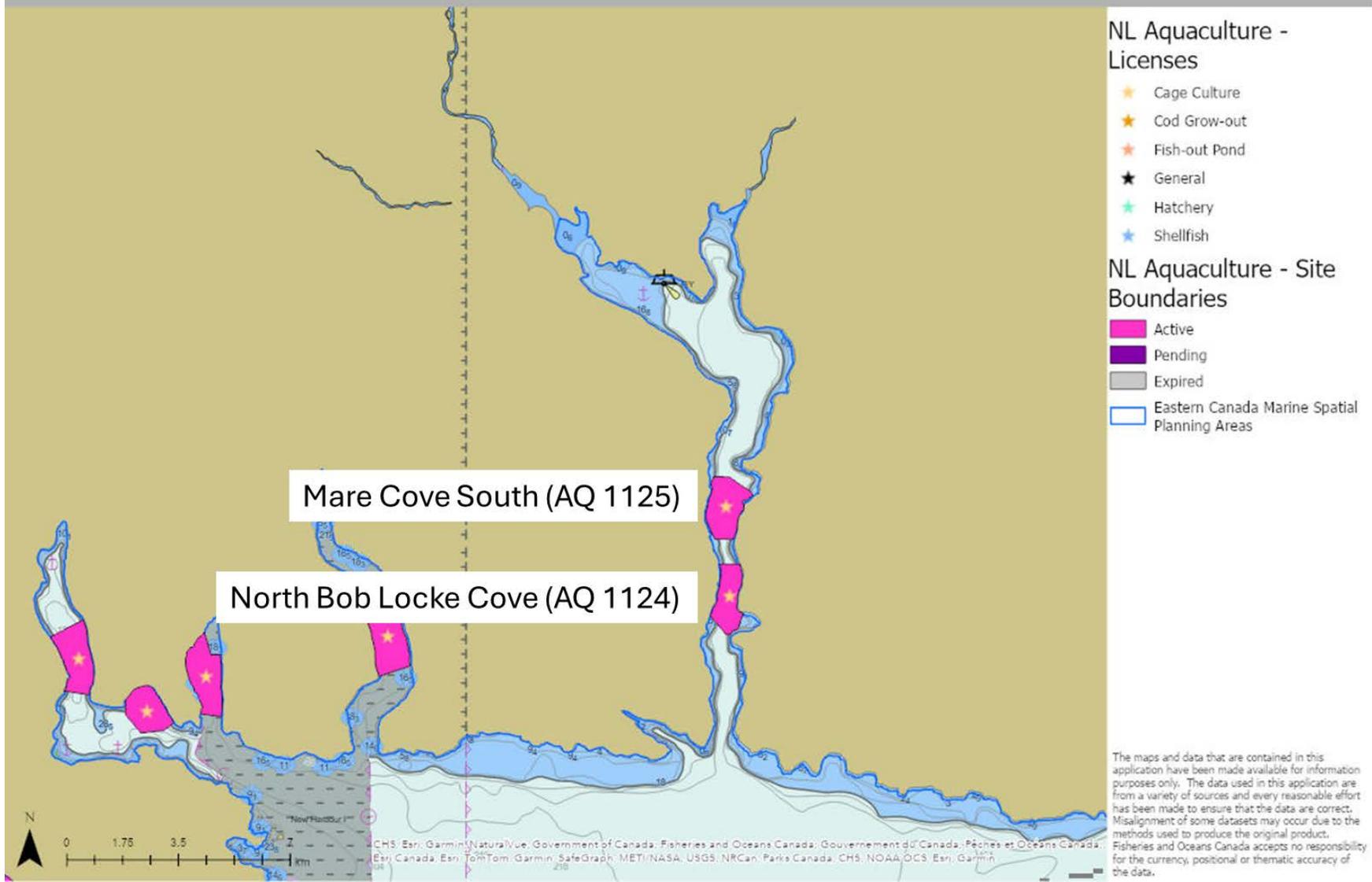


# Canada Marine Planning Atlas



Bay Management Area 10 – MCE sea farm licence and lease locations

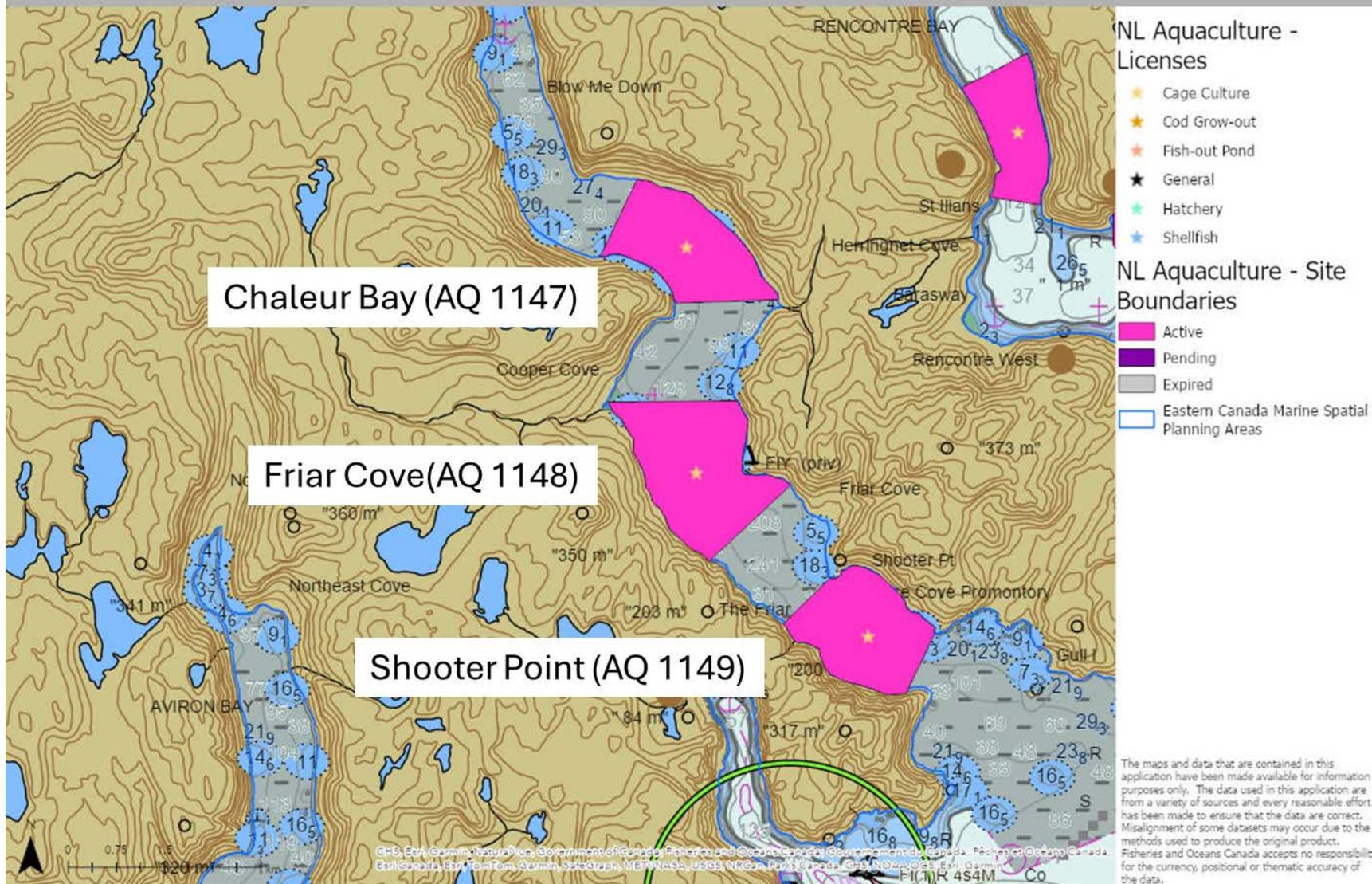
# Canada Marine Planning Atlas



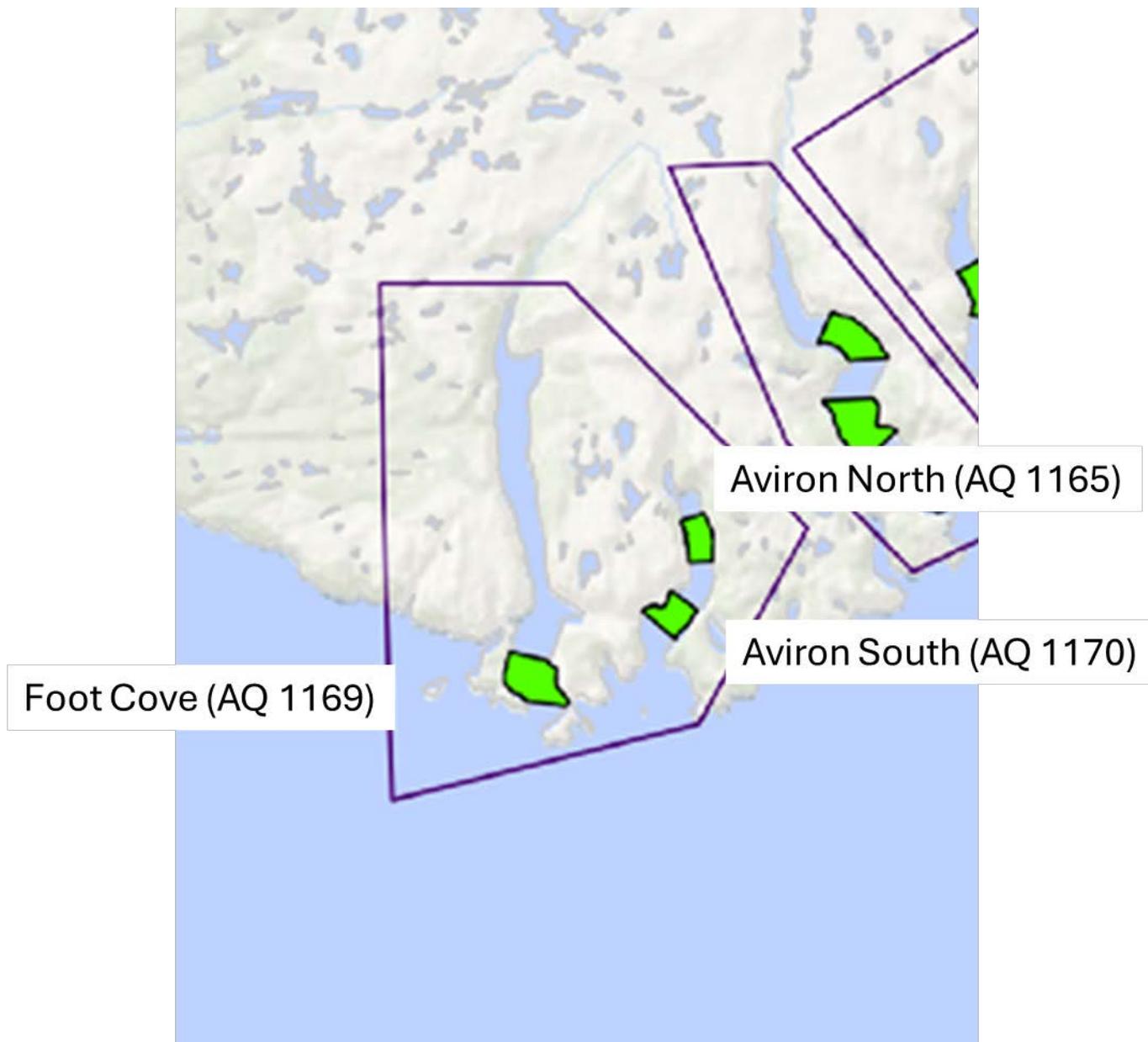
Bay Management Area 11 – MCE sea farm licence and lease locations



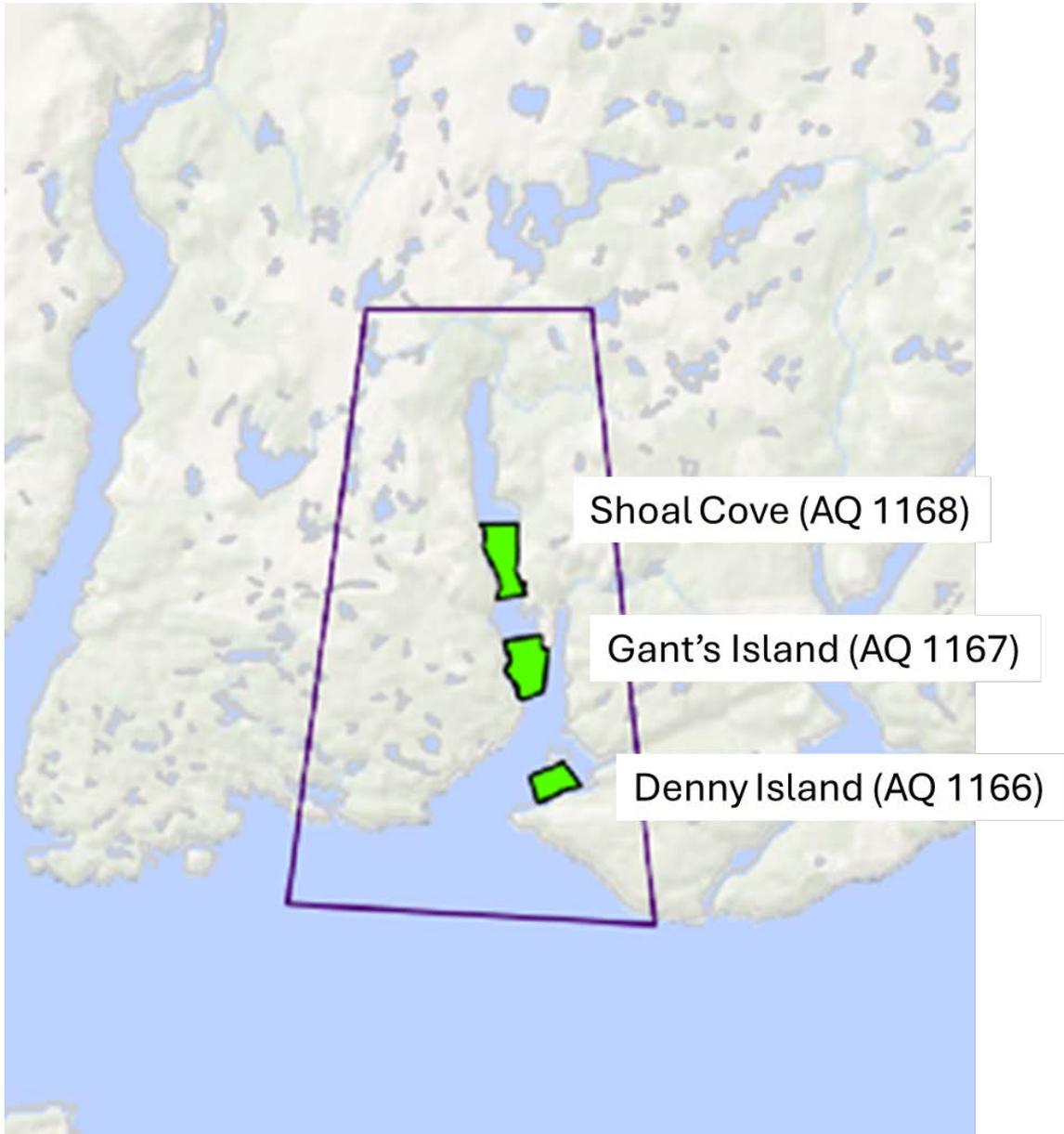
# Canada Marine Planning Atlas



Bay Management Area 13 – MCE sea farm licence and lease locations



Bay Management Area 14 – MCE sea farm licence and lease locations



Bay Management Area 15 – MCE sea farm licence and lease locations



## **Appendix D - MCE Sea Cage Layout Schematics**



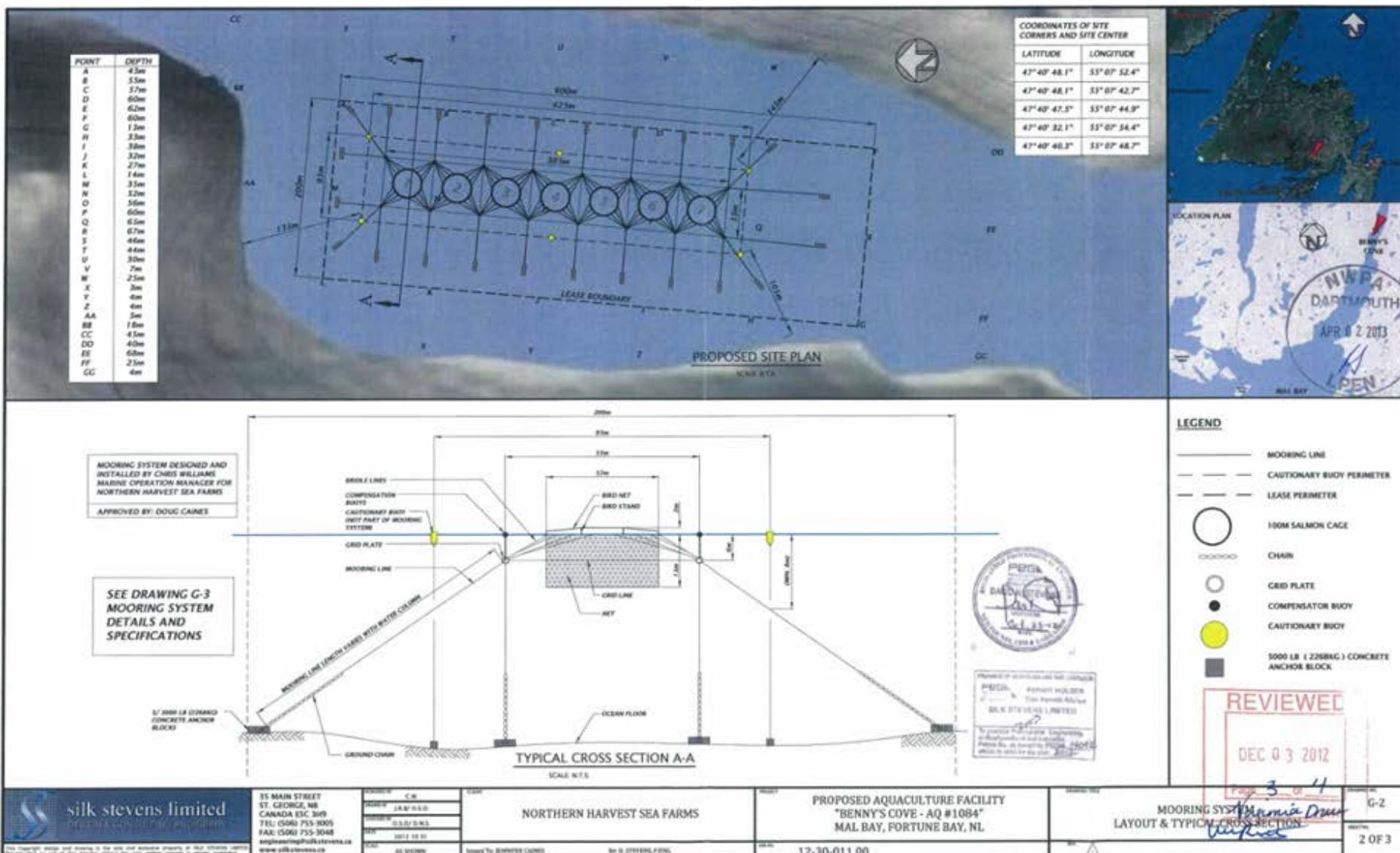


Figure 4.2. Benny's Cove sea farm map and sea cage layout prior to MCE acquisition of Benny's Cove license.



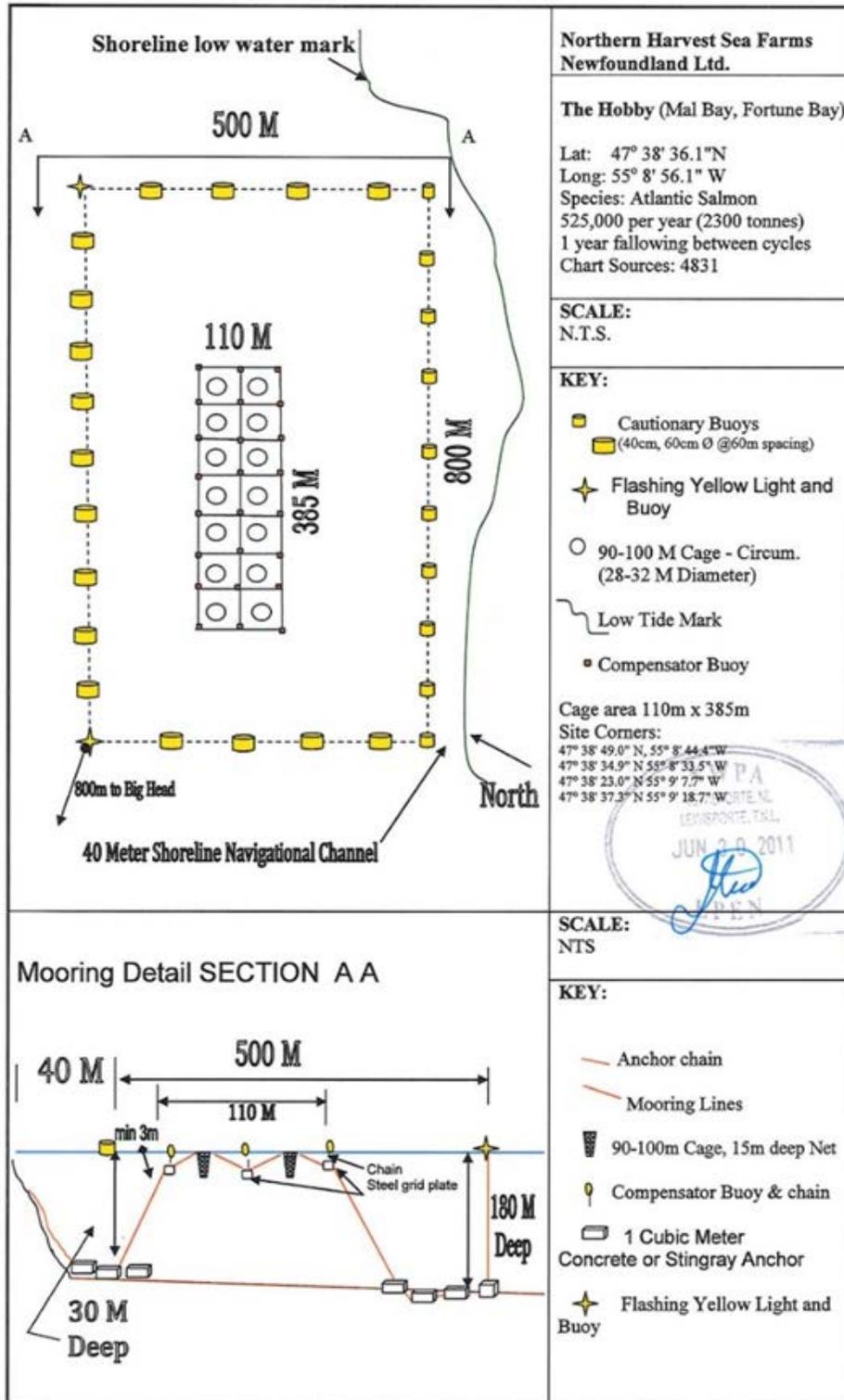
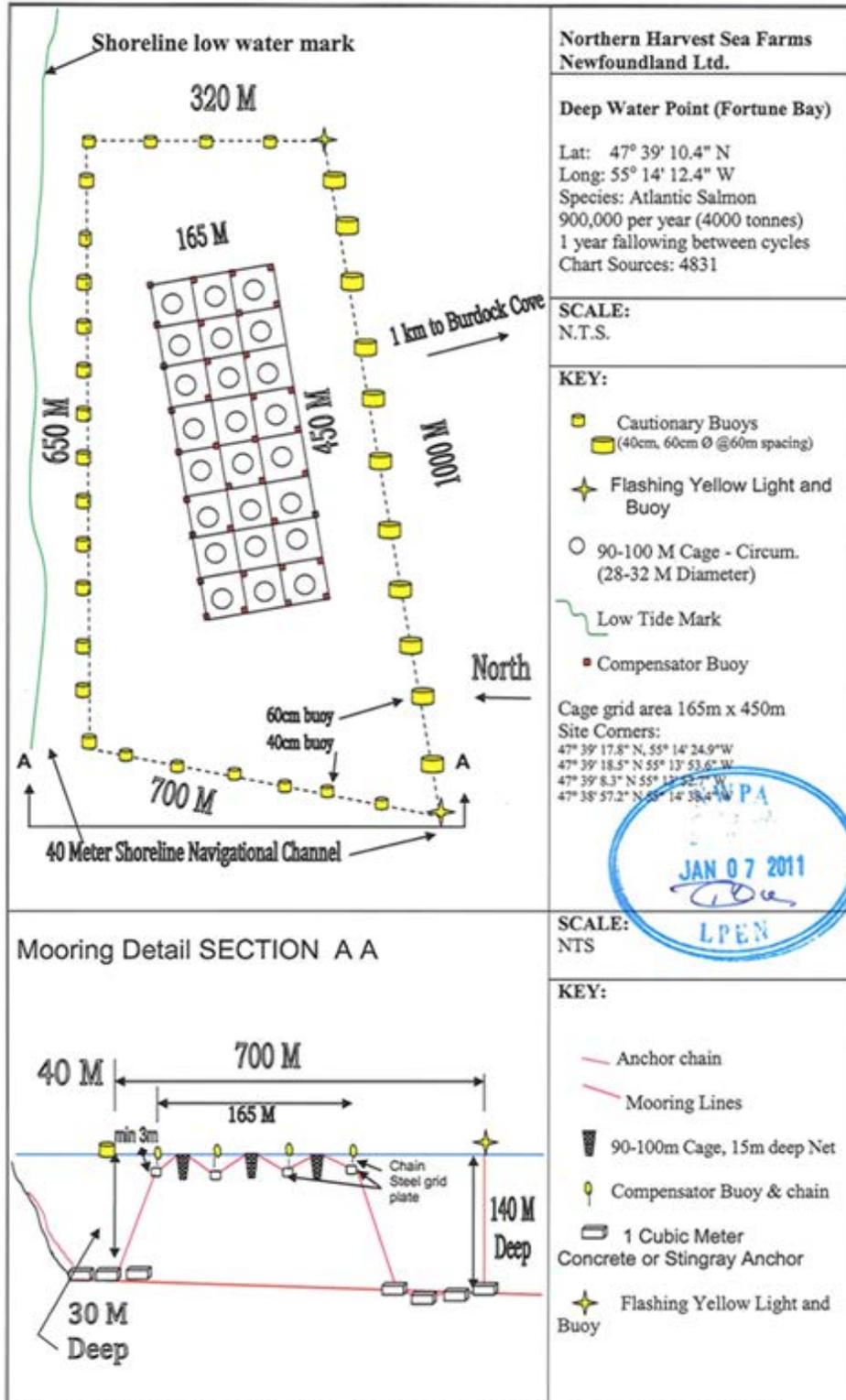


Figure 4.4. The Hobby (A) general sea farm map indicating the lease boundary and (B) details of sea cage layout.



Note: Final Site Markings to be determined by Department of Transport as per NWPA

Figure 5.2. Deep Water Point (A) sea farm map and (B) sea cage layout.

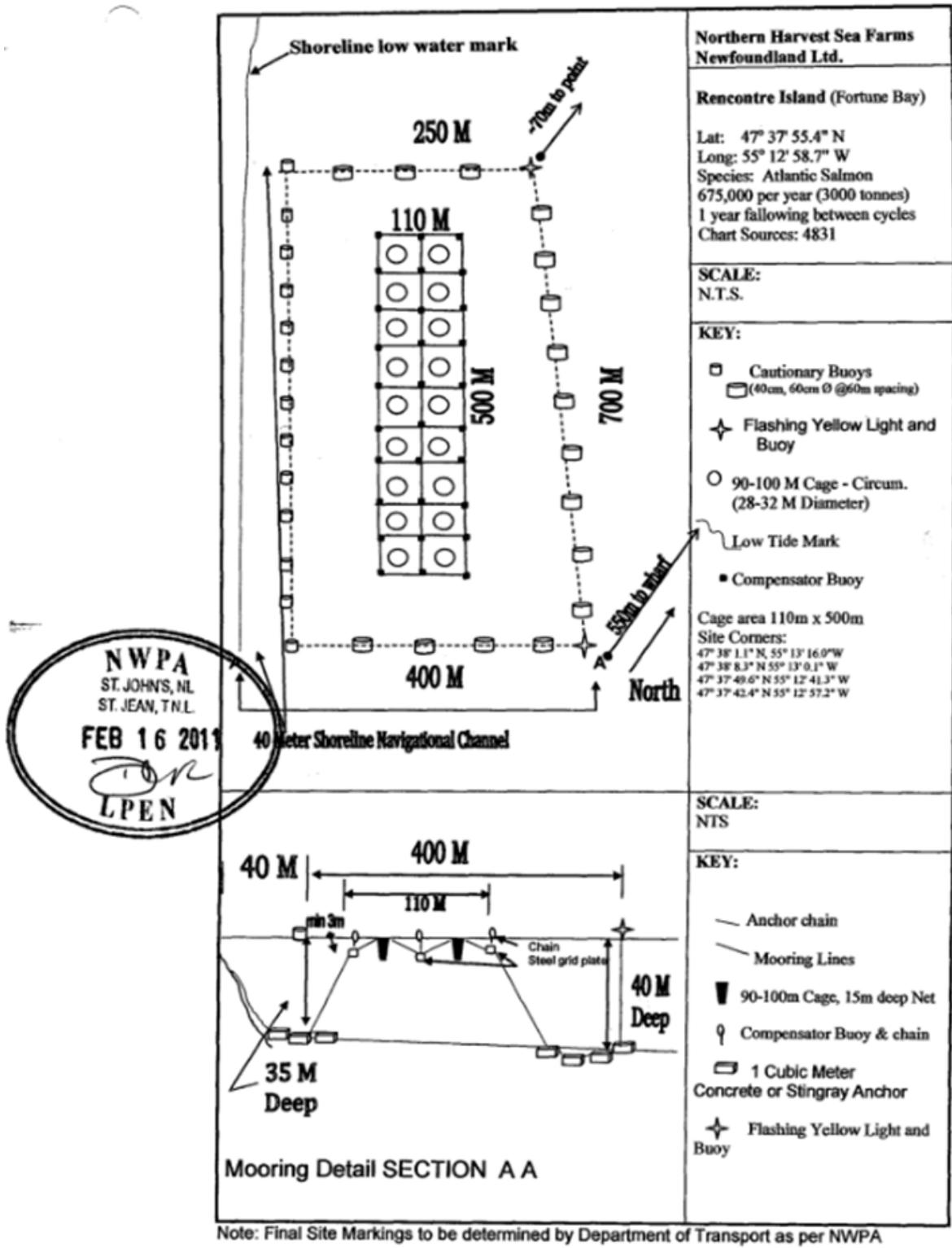
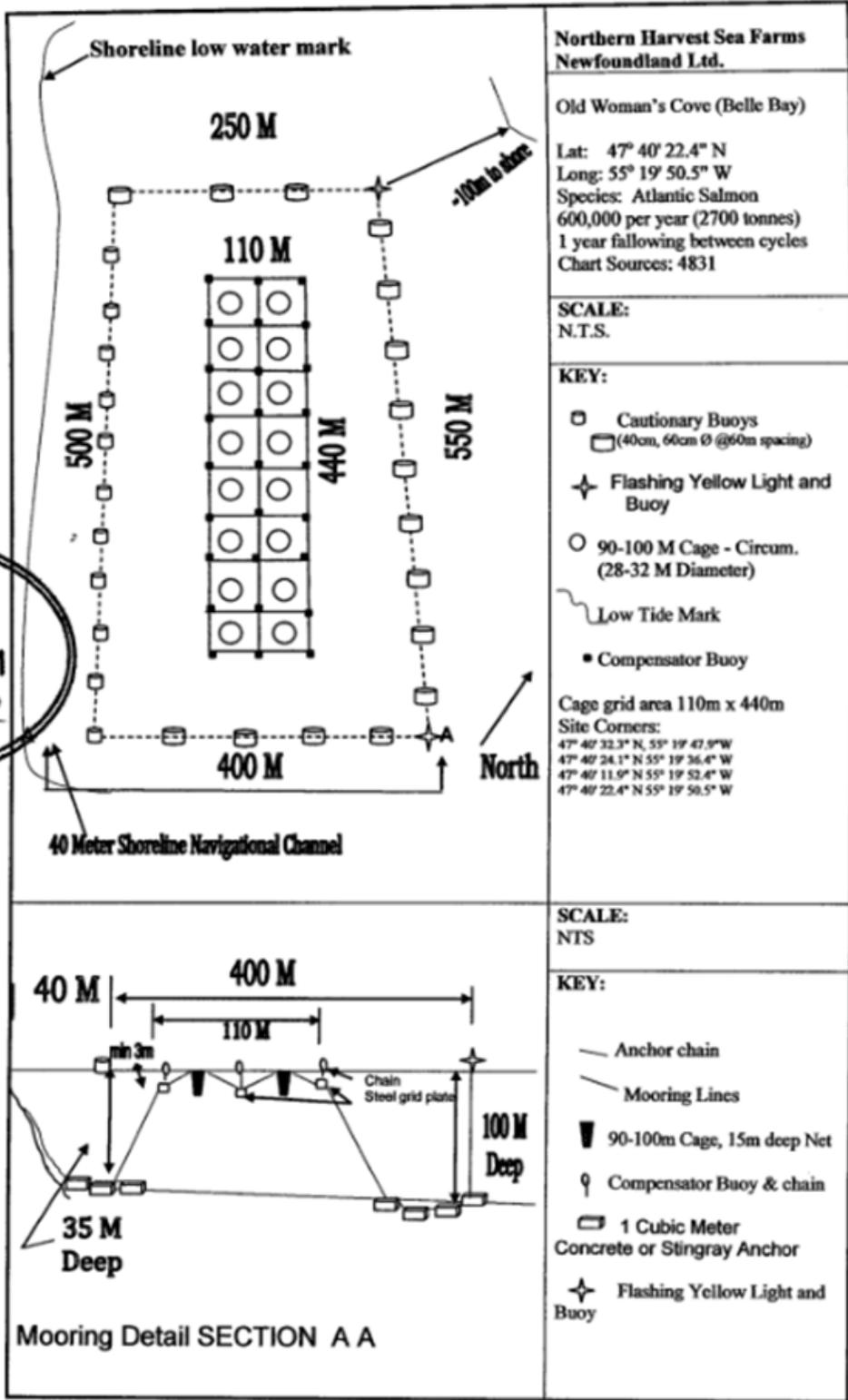


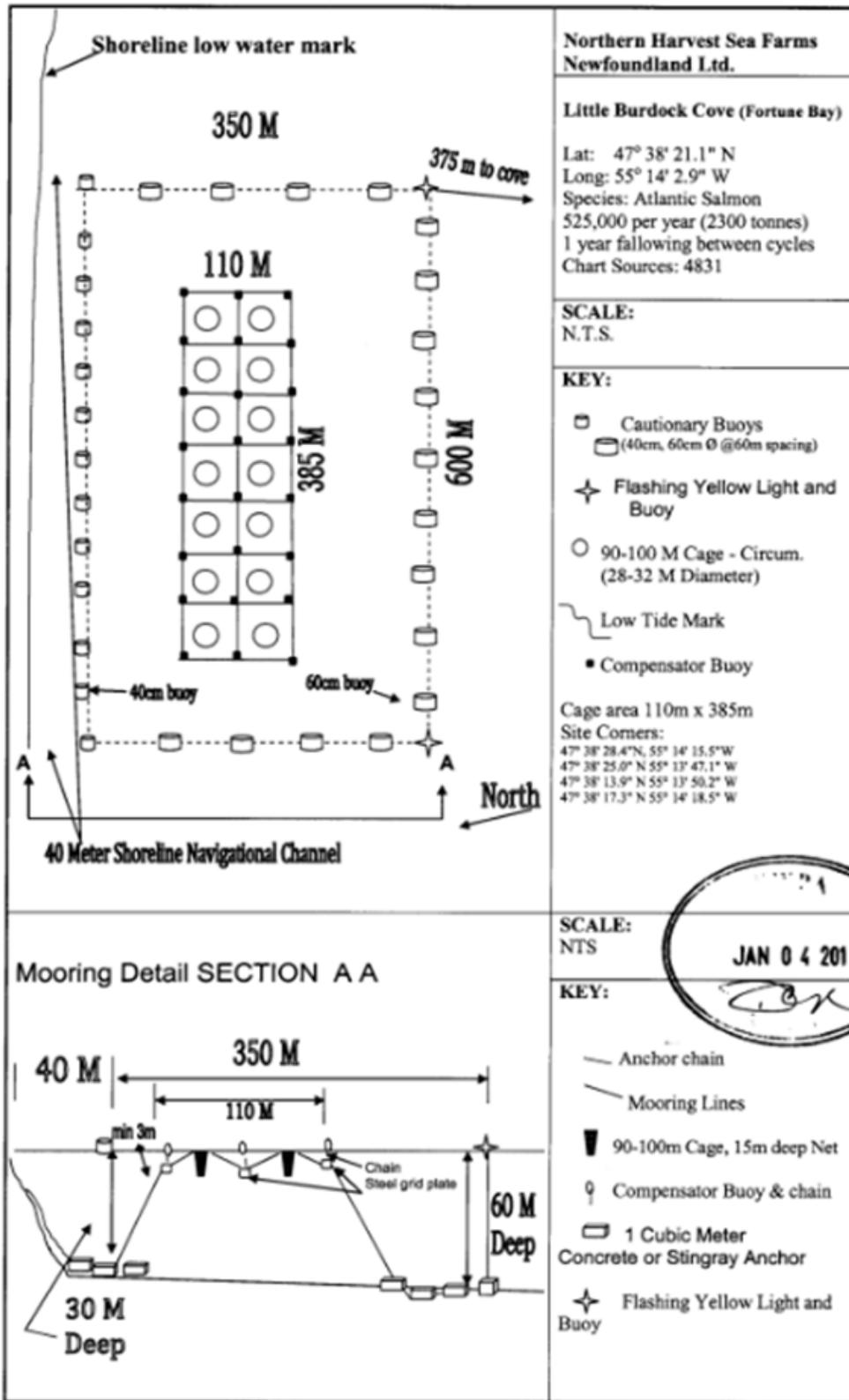
Figure 5.3. Rencontre East Island (A) sea farm map and (B) sea cage layout.

NWPA  
 ST. JOHN'S, NL  
 ST. JEAN, T.N.L.  
**FEB 16 2011**  
 LPEN



Note: Final Site Markings to be determined by Department of Transport as per NWPA

Figure 5.4. Old Woman's Cove (A) sea farm map and (B) details of sea cage layout.



Note: Final Site Markings to be determined by Department of Transport as per NWPA

Figure 5.5. Little Burdock Cove (A) sea farm map and (B) details of sea cage layout.

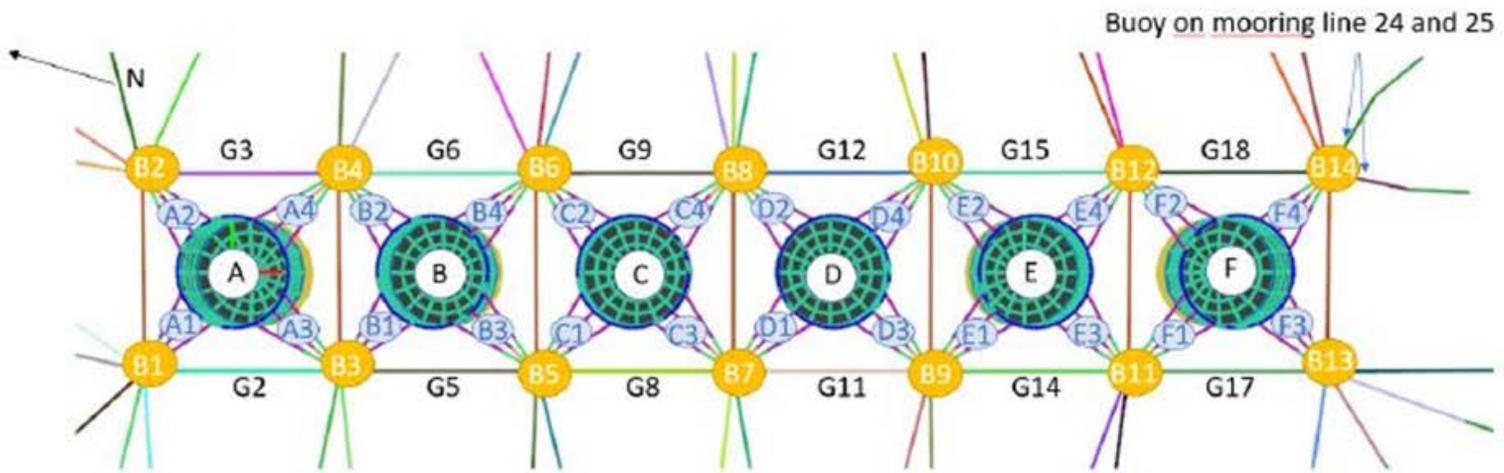
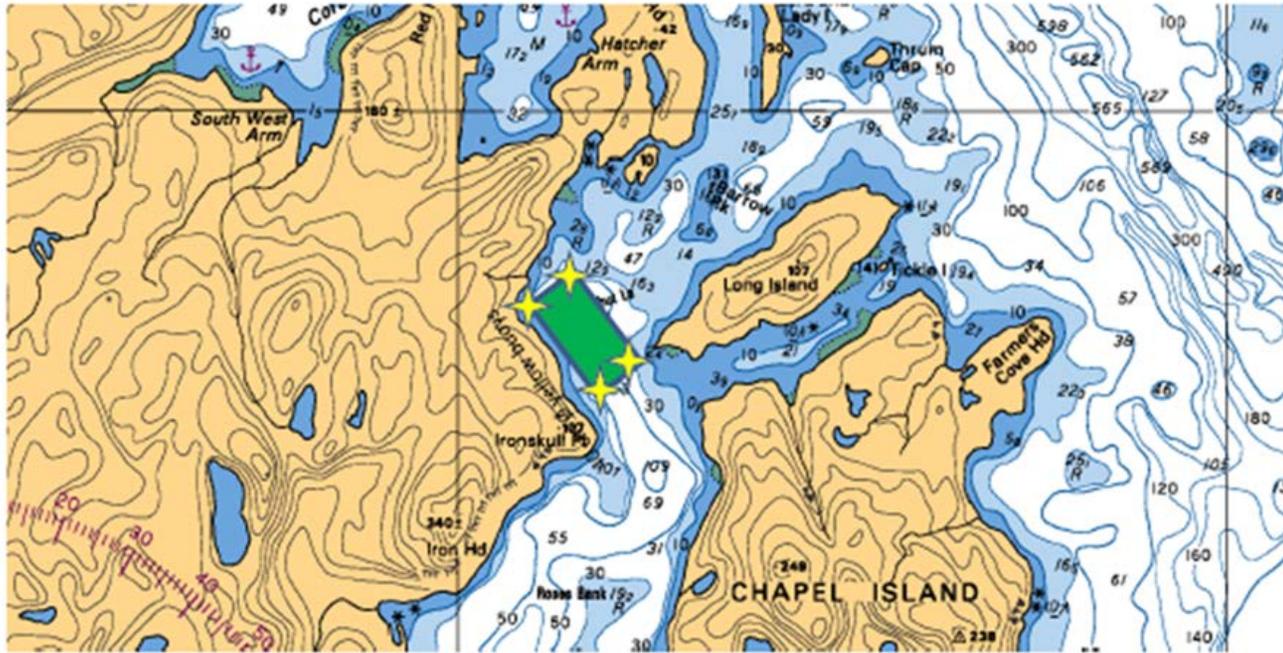


Figure 6.2. Ironskull Point (A) sea farm map and (B) sea cage layout.

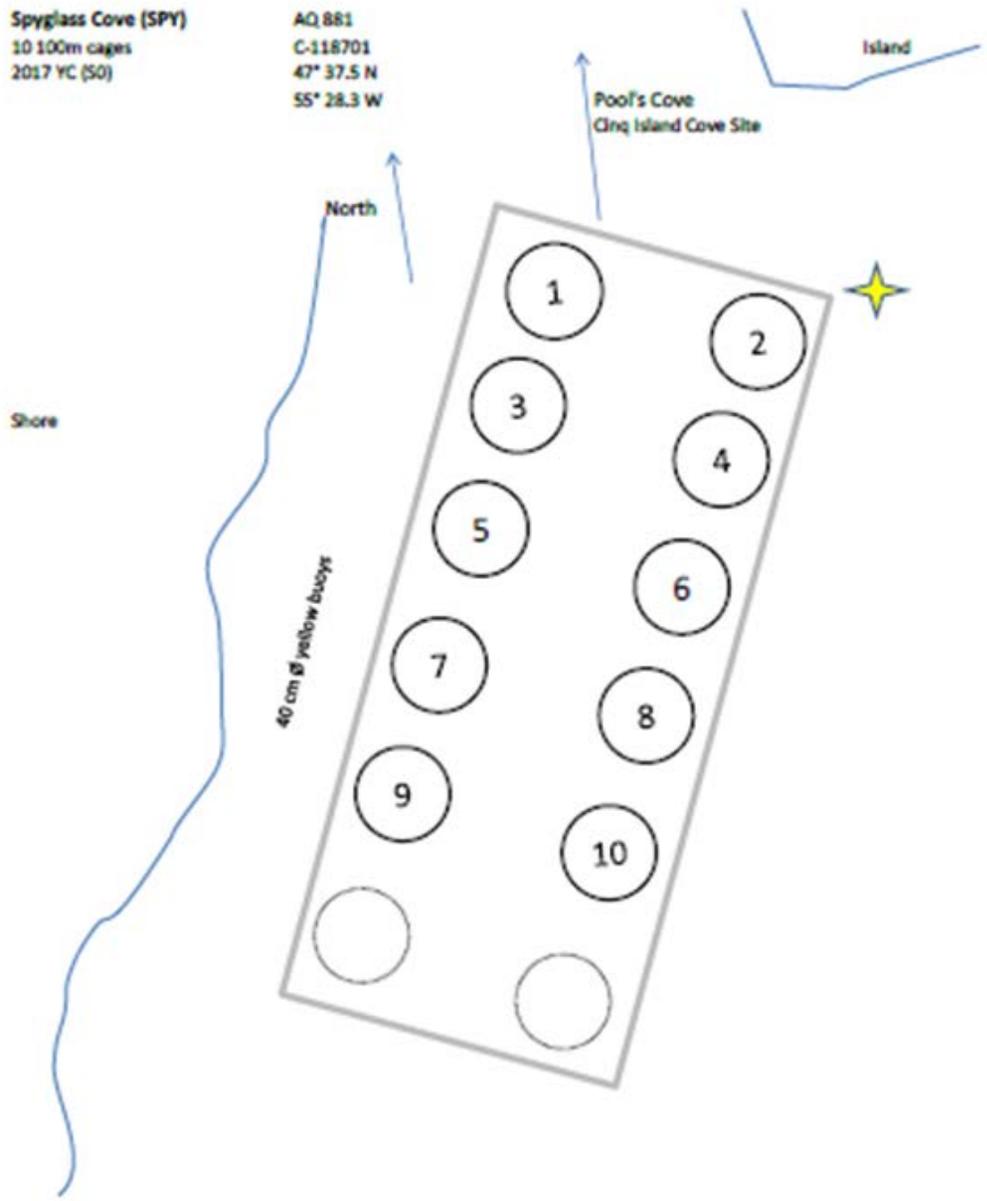


Figure 6.3. Spyglass Cove (A) sea farm map and (B) sea cage layout.

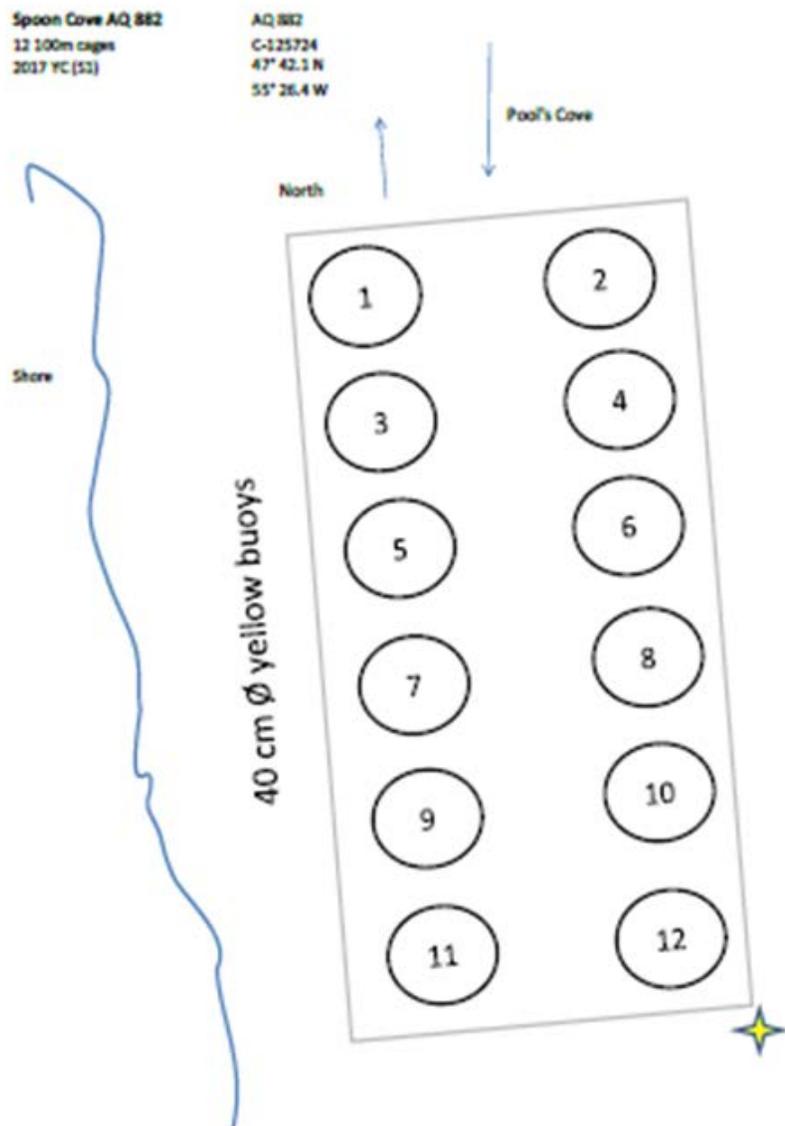


Figure 6.4. Spoon Cove (A) sea farm map and (B) sea cage layout.



McGrath's Cove South  
12 100m cages  
2017 YC (50)

AQ 885  
C-118697  
47° 39.85' N  
55° 22.1' W

North

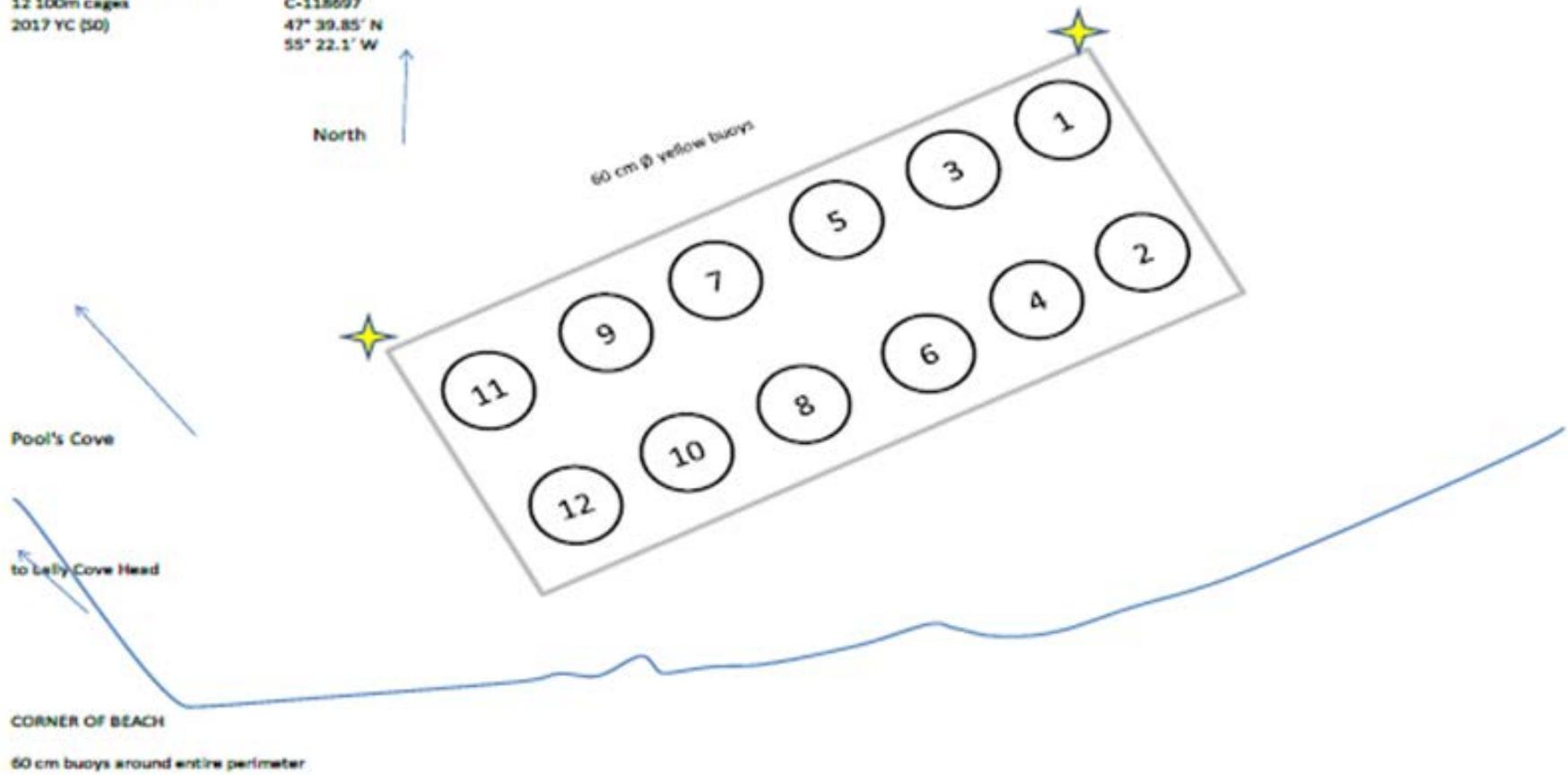


Figure 6.6. McGrath Cove South (A) sea farm map and (B) sea cage layout.

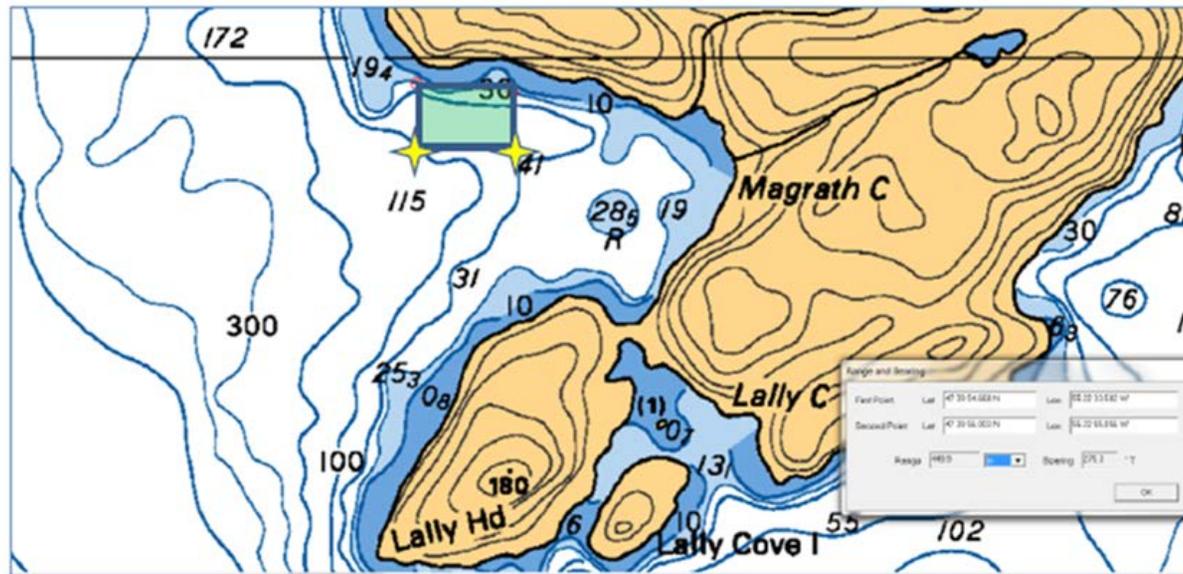
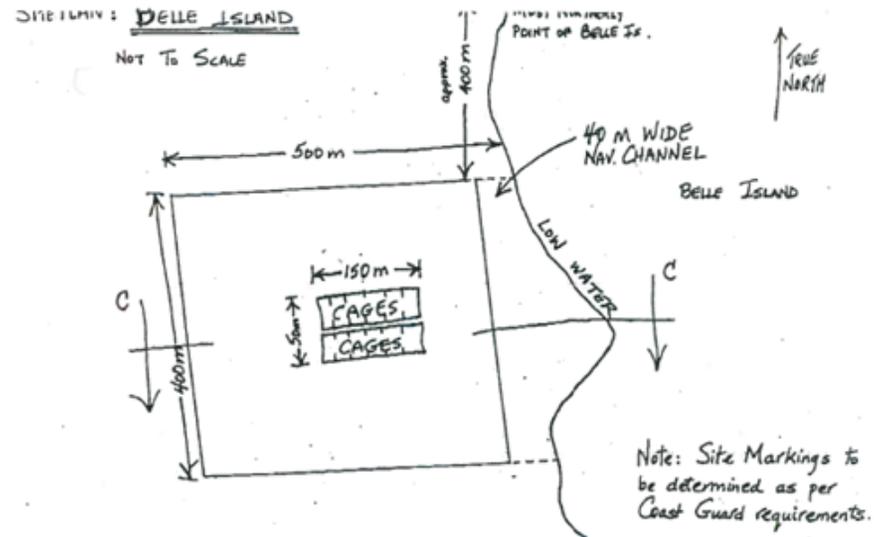
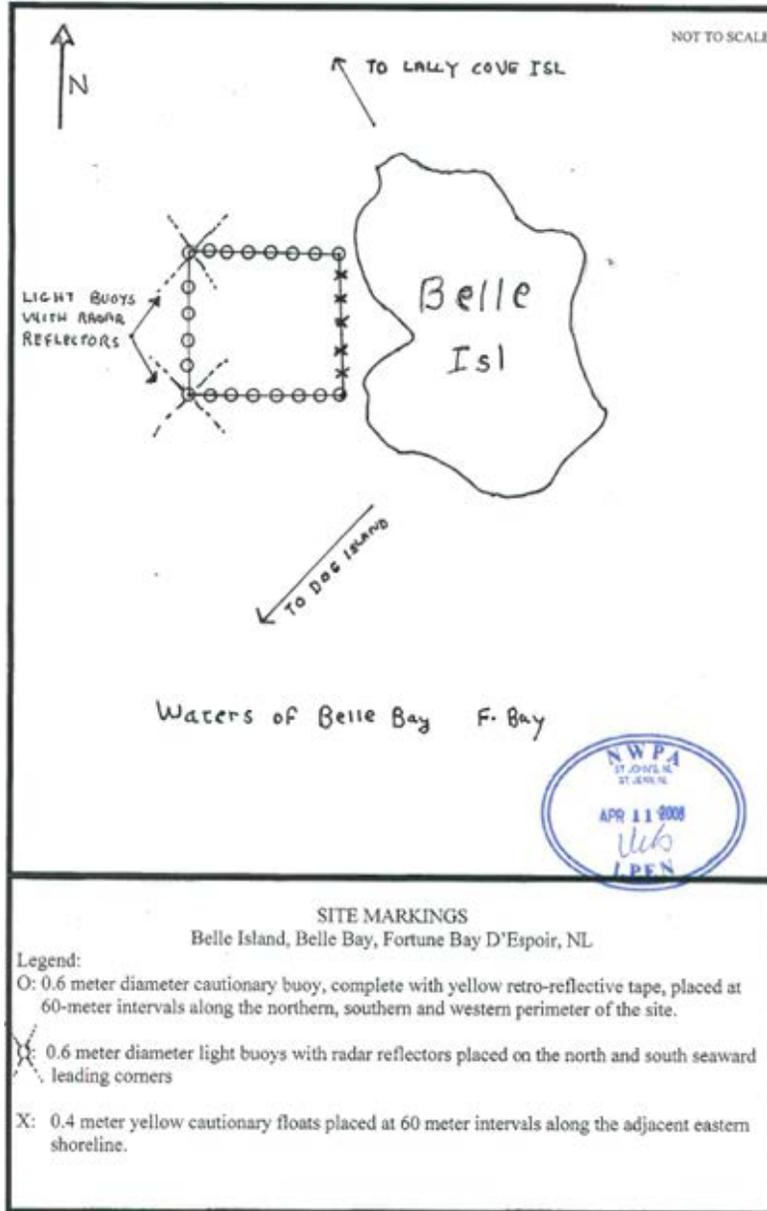
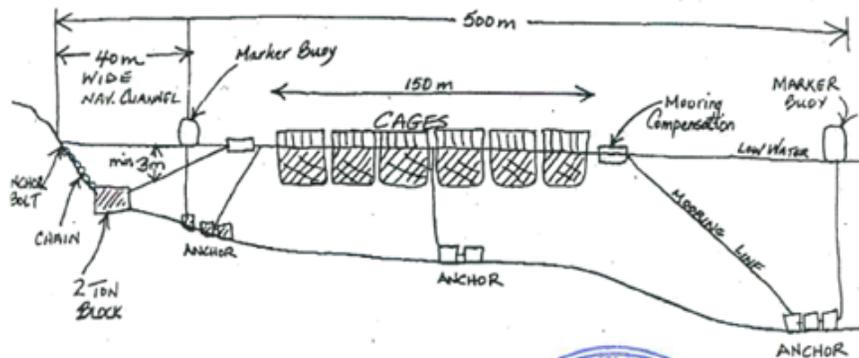


Figure 6.7. McGrath Cove North (A) sea farm map and (B) sea cage layout.



PROFILE VIEW



Section C-C  
NOT TO SCALE



Figure 6.8. Belle Island (A) sea farm map and (B) sea cage layout.

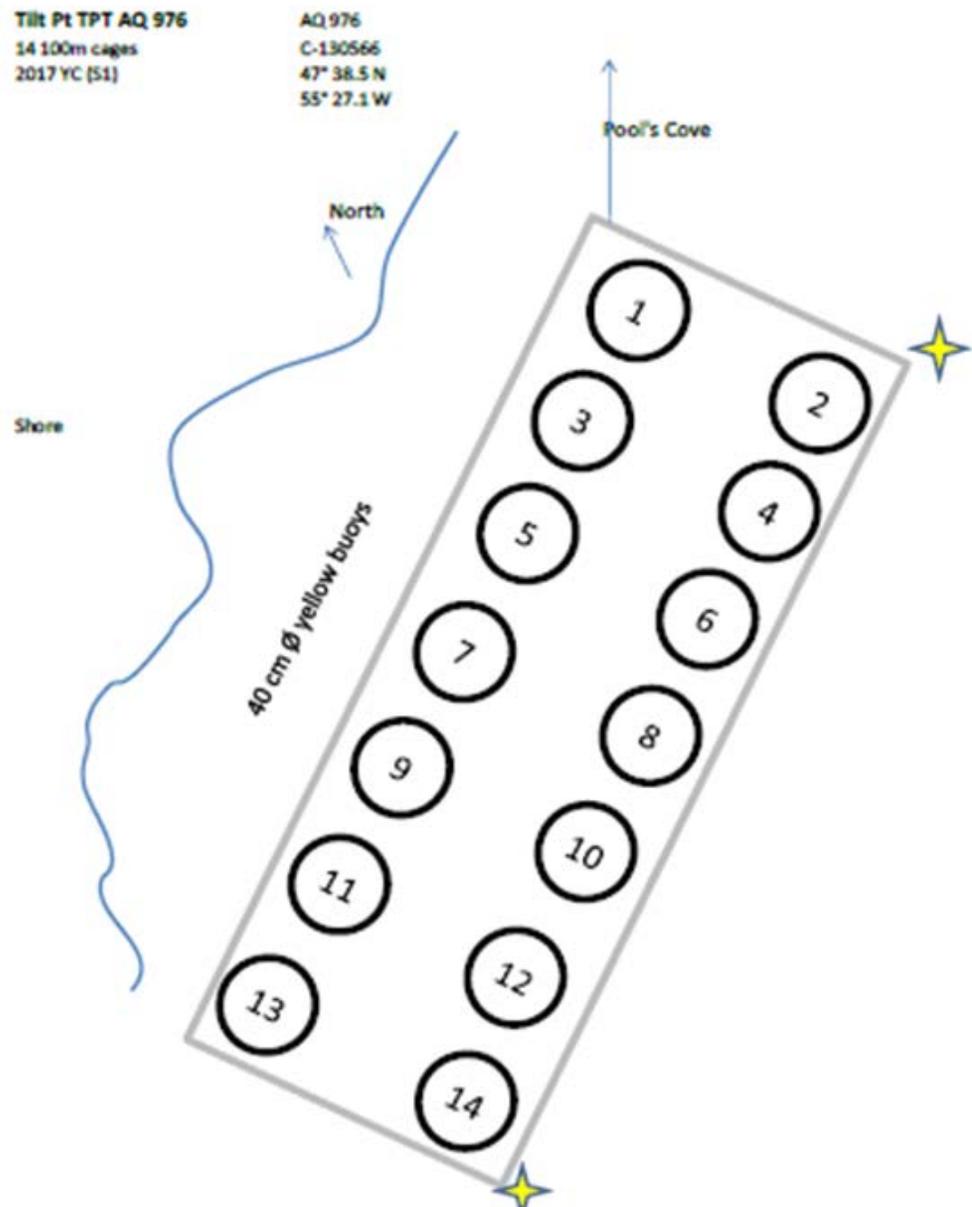


Figure 6.9. Tilt Point (A) sea farm map and (B) sea cage layout.

Hickman's Pt HPT AQ 1002  
12 4, 90, 100 m cages  
2017 YC (S1)

AQ 1050  
C-123117  
47° 42.9 N  
55° 23.7 W

North

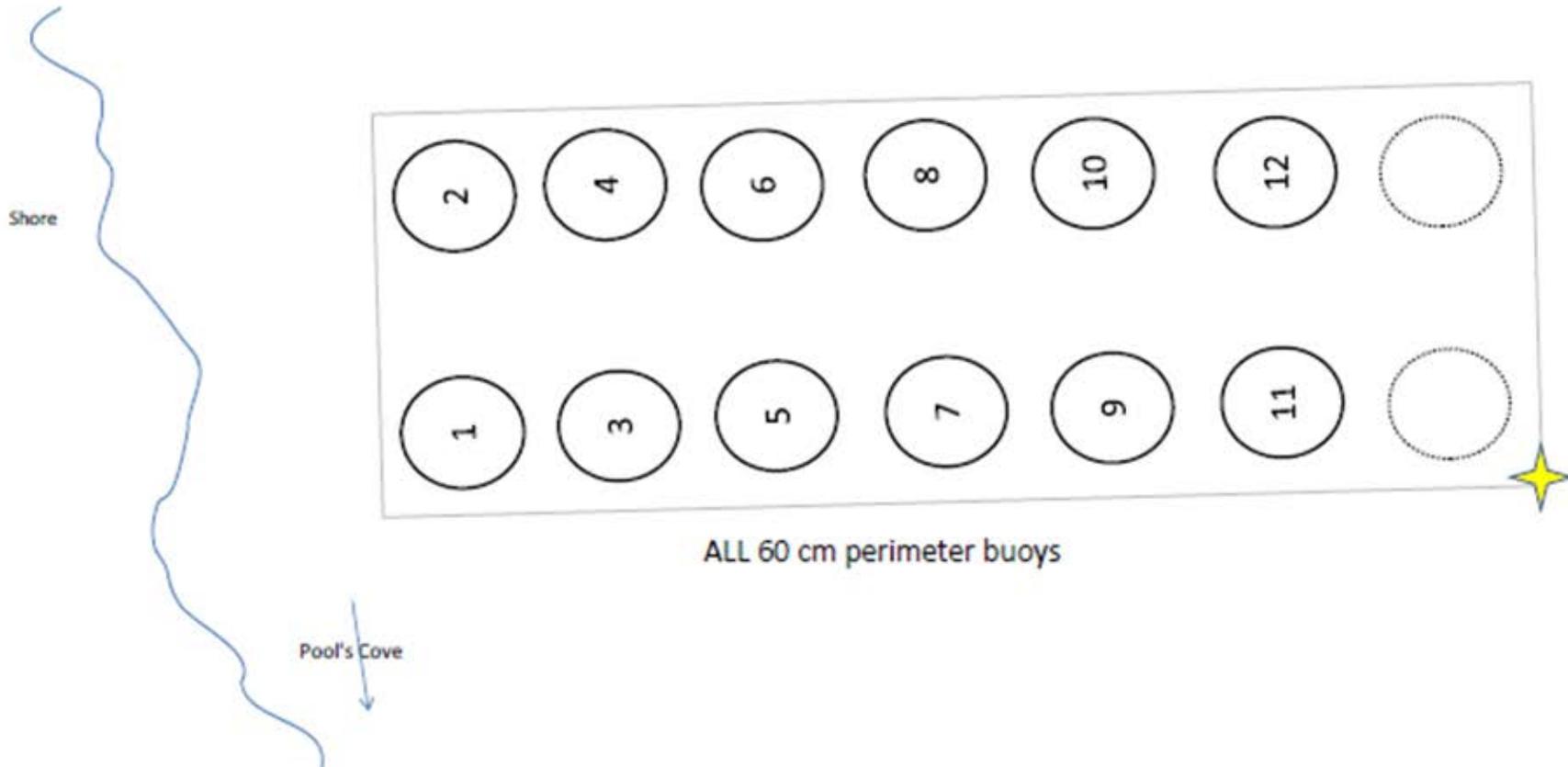


Figure 6.10. Hickman's Point (A) sea farm map and (B) sea cage layout.

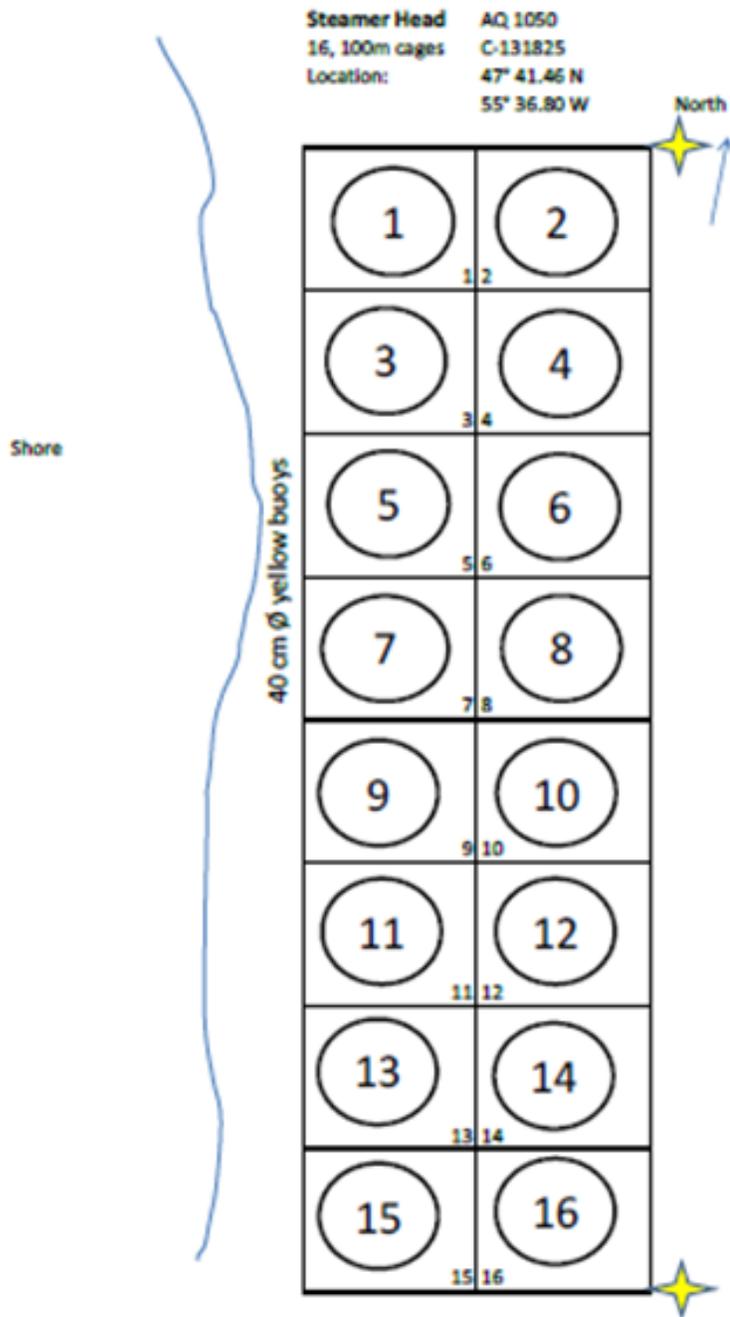


Figure 6.11. Steamers Head (A) sea farm map and (B) sea cage layout.

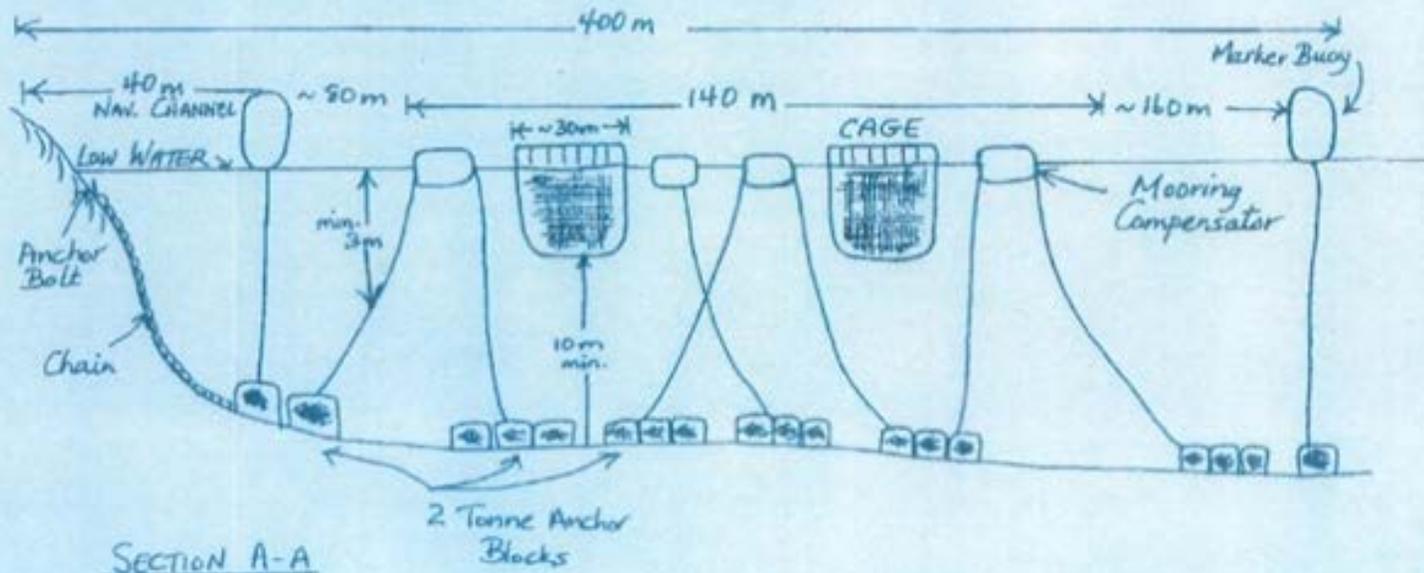




PROFILE VIEW

South East Bight, East Bay,  
Belle Bay, Fortune Bay  
AQ # 1046  
NWP File # 8200-08-1002  
(N 47° 42.56', W 55° 21.6')

d wte  
i ay



SECTION A-A  
(not to scale)

FILE COPY

Figure 6.12. South East Bight (A) sea farm map and (B) sea cage profile.

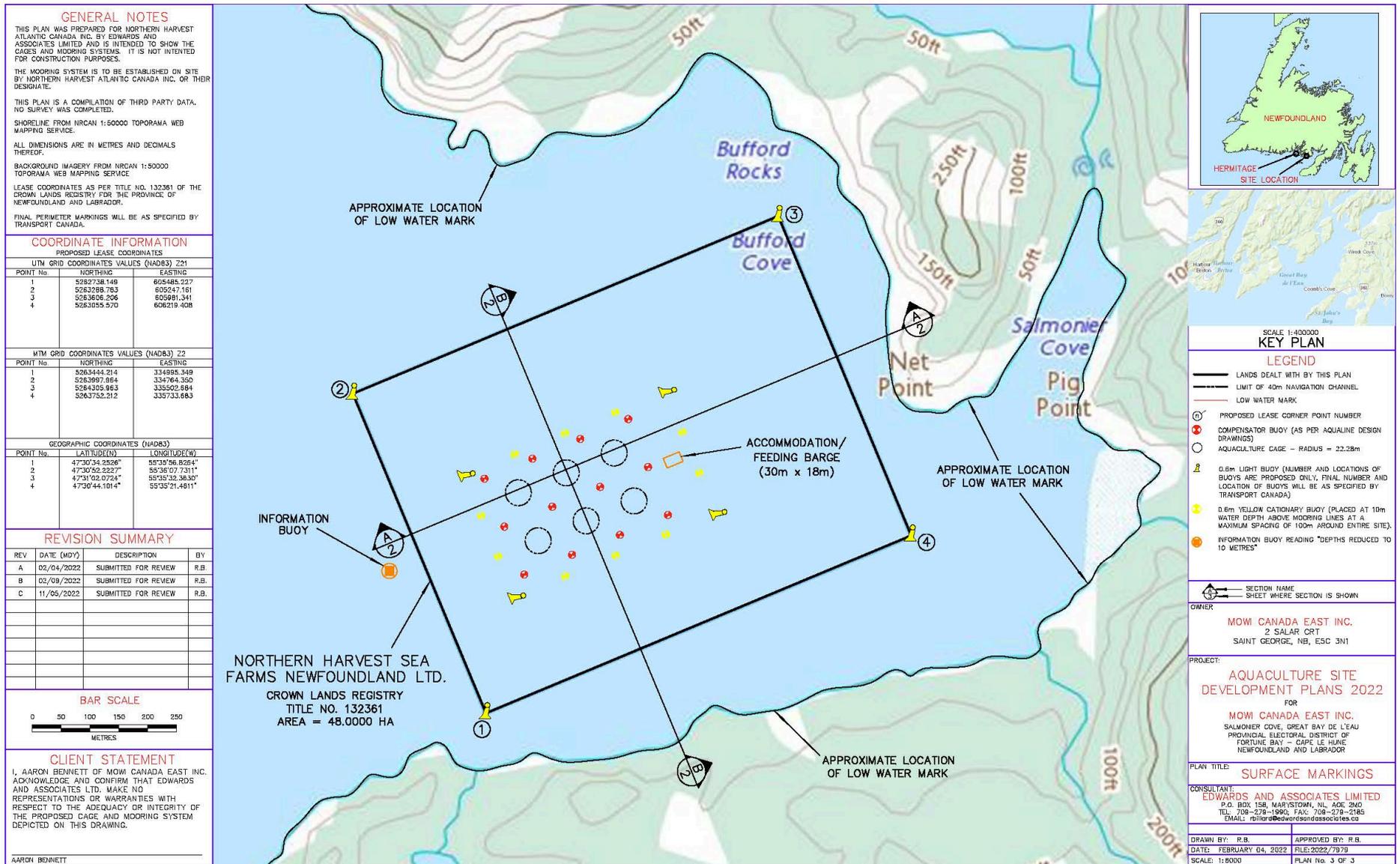


Figure 7.2. Salmonier Cove sea farm map and sea cage layout.

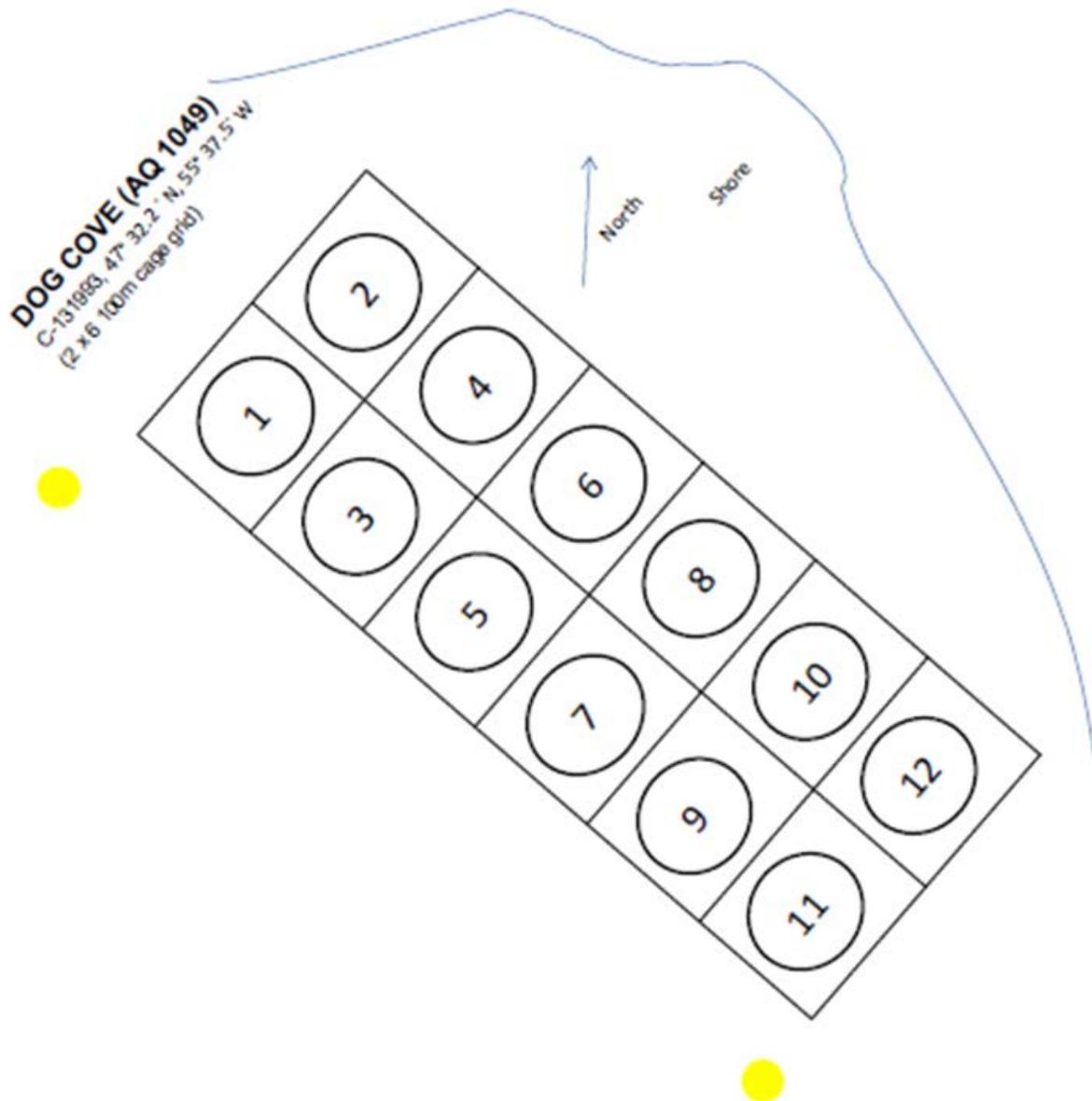
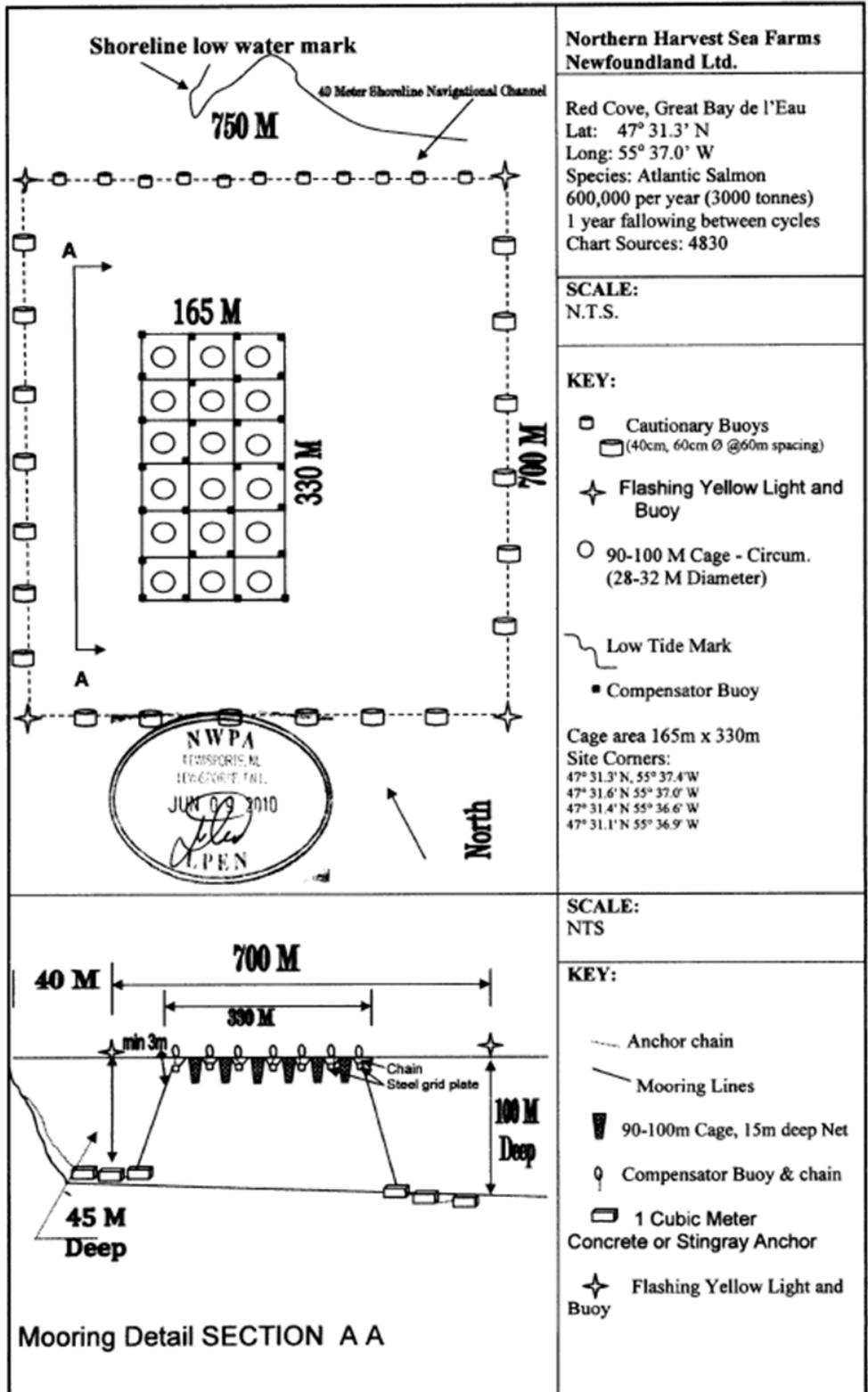


Figure 7.3. Dog Cove (A) sea farm map and (B) sea cage layout.



Note: Final Site Markings to be determined by Department of Transport as per NWPA

Figure 7.4. Red Cove sea farm map and sea cage layout.

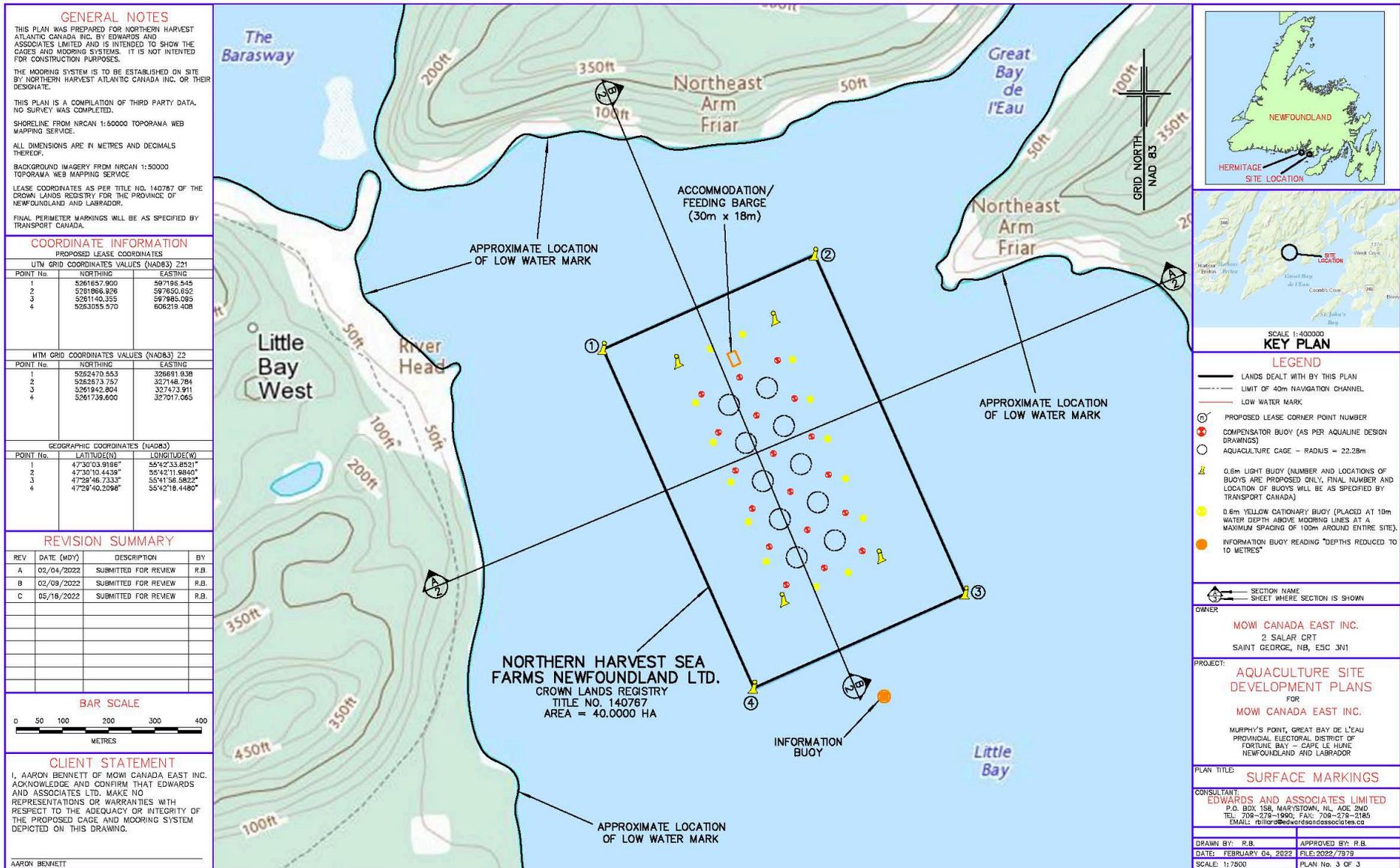


Figure 7.5. Murphy Point sea farm map and sea cage layout.

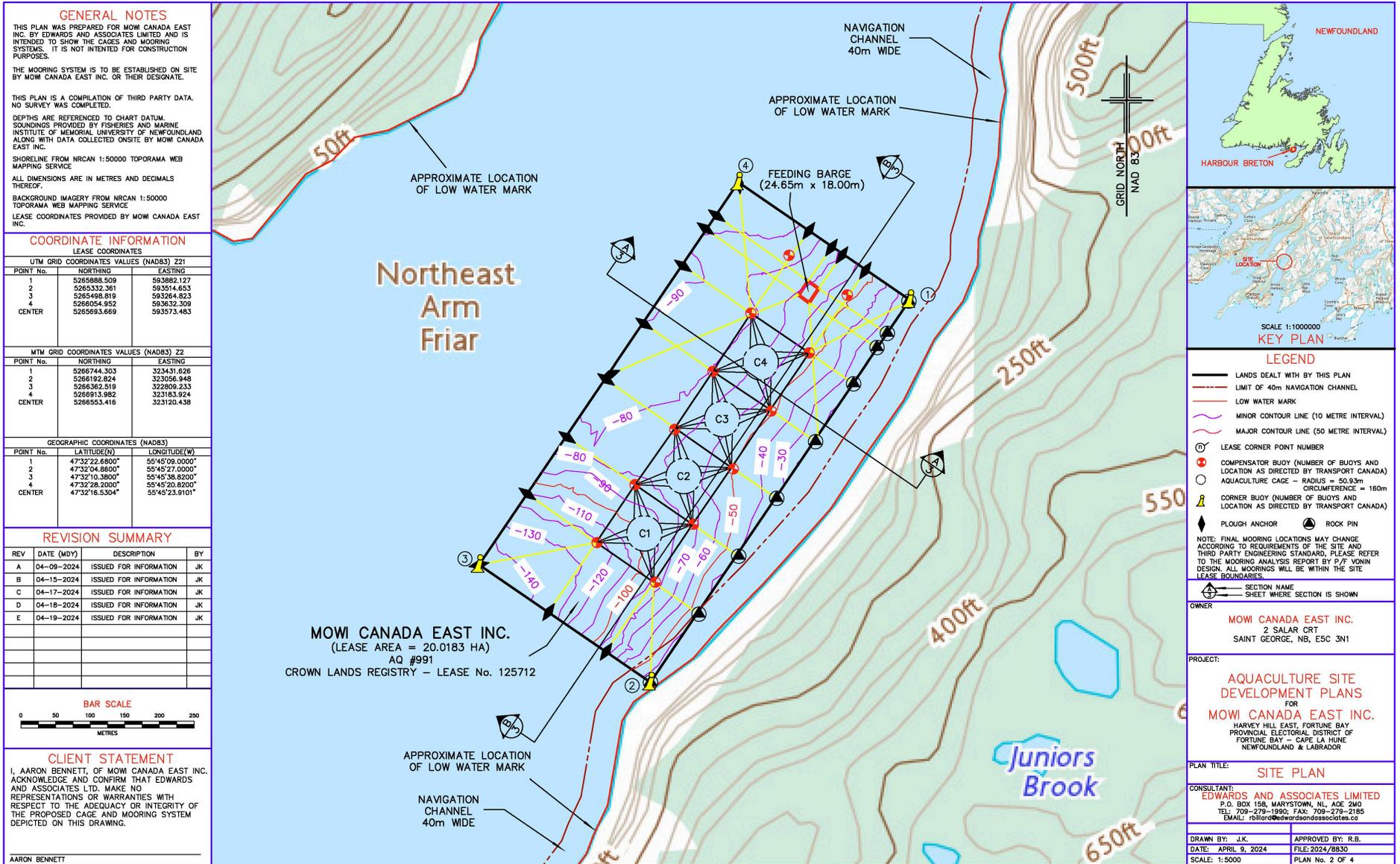
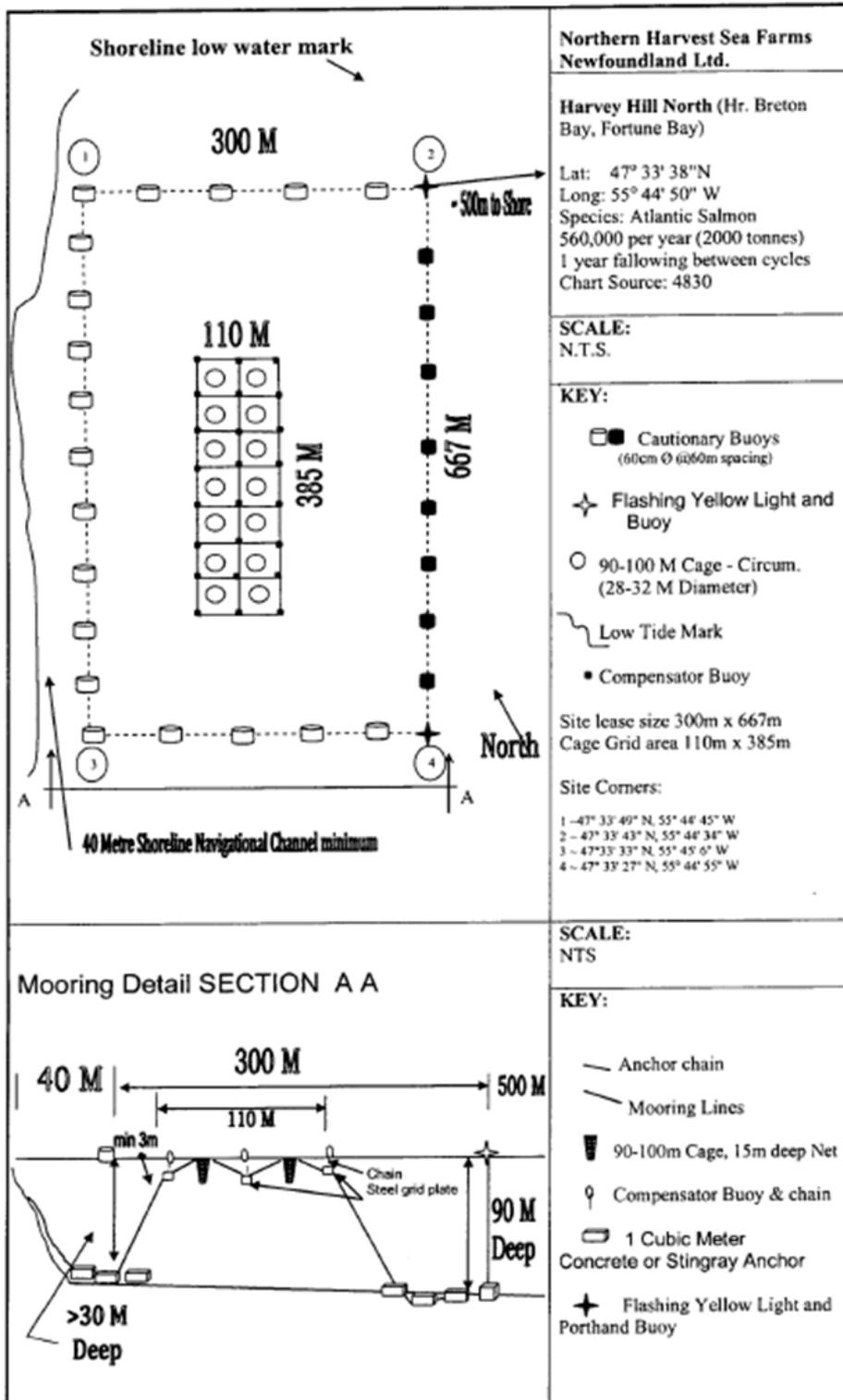


Figure 8.2. Harvey Hill East sea farm map and sea cage layout.



Note: Final Site Markings to be determined by Department of Transport as per NWPA

Figure 8.3. Harvey Hill North (A) sea farm map and (B) sea cage layout.

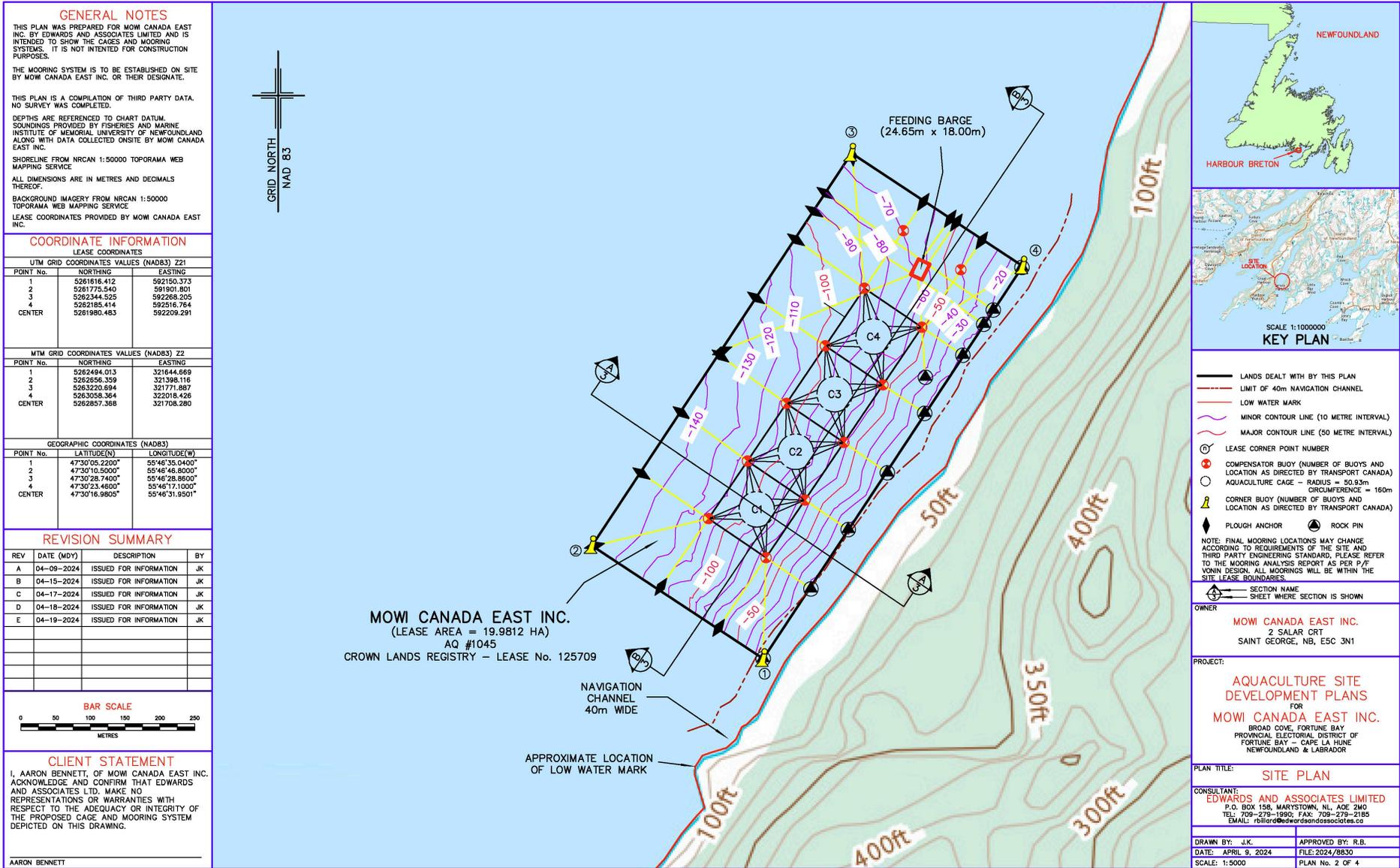


Figure 8.4. Broad Cove sea farm map and sea cage layout.



Figure 8.5. Harvey Hill South sea farm map and sea cage layout.

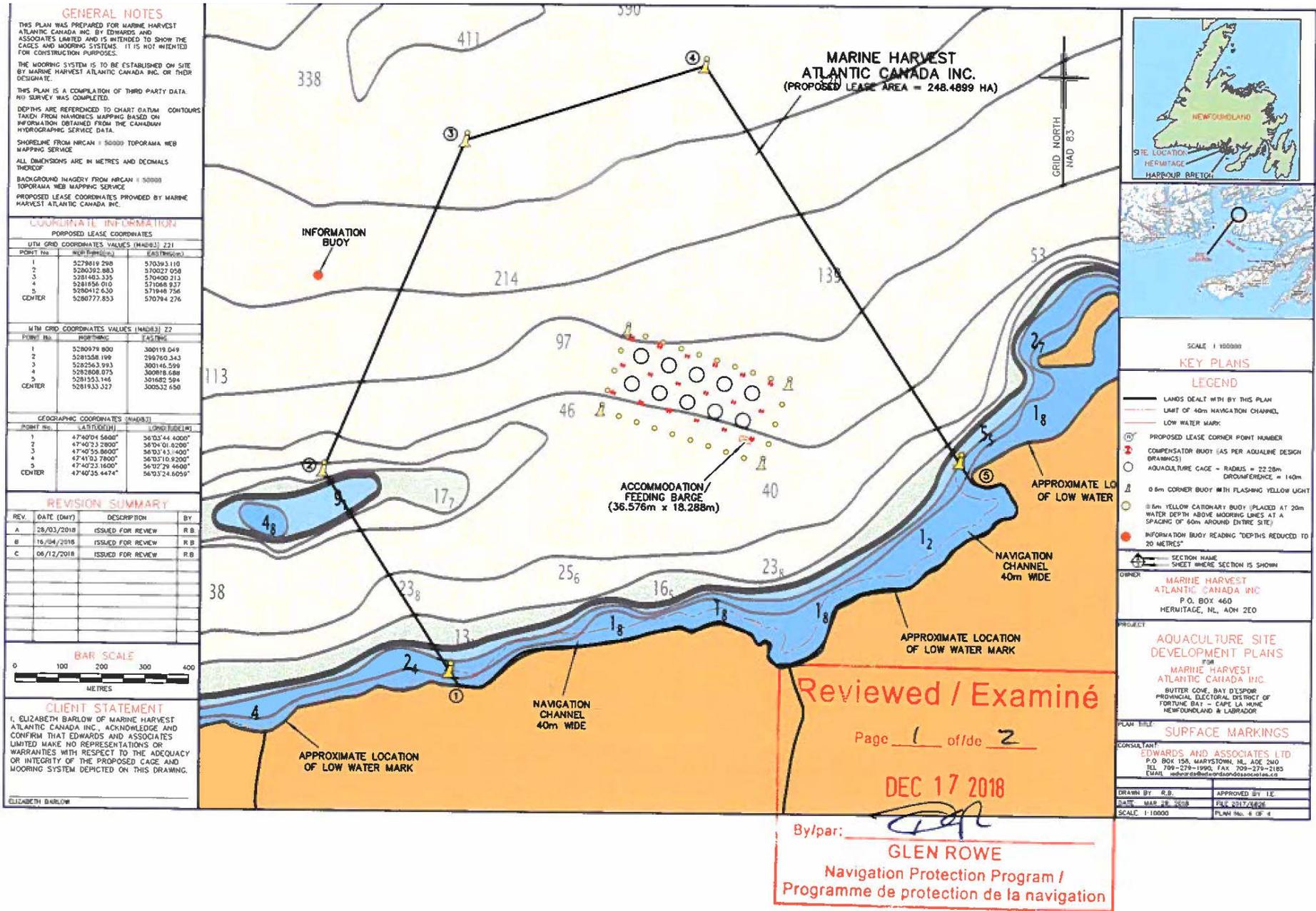


Figure 10.2. Butter Cove sea farm map and sea cage layout.

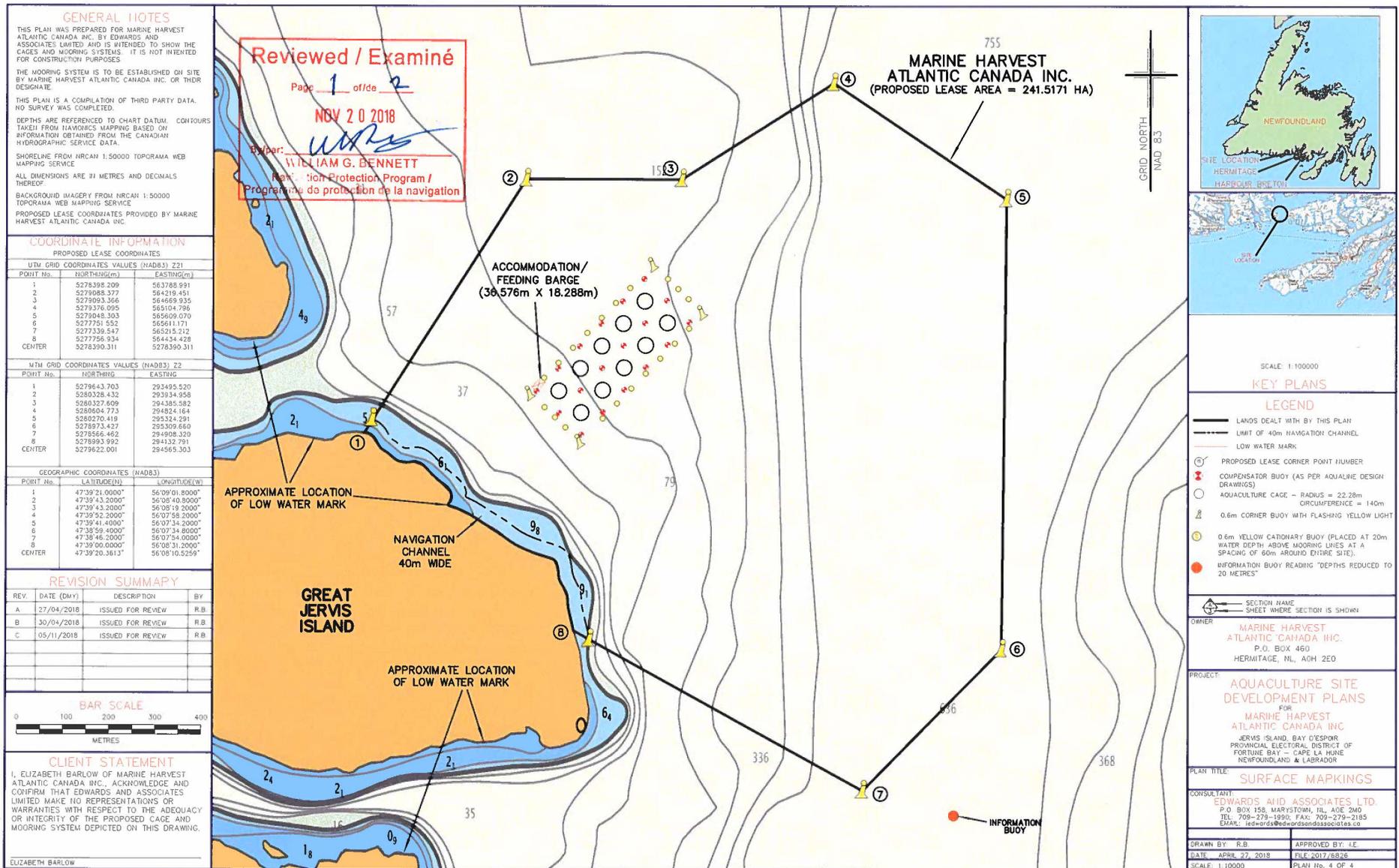


Figure 10.3. Jarvis Island sea farm map and sea cage layout.

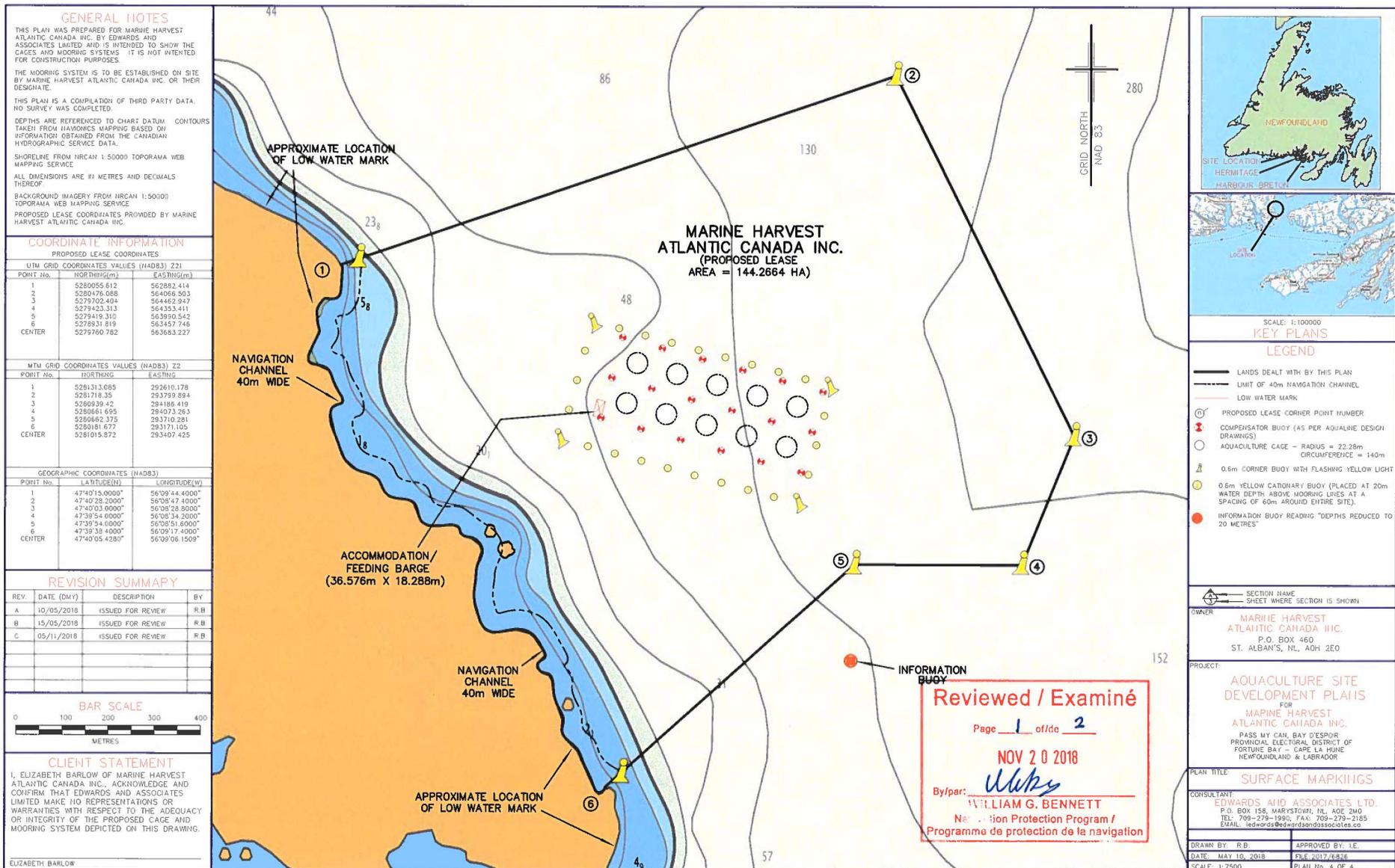


Figure 10.4. Pass My Can sea farm map and sea cage layout.

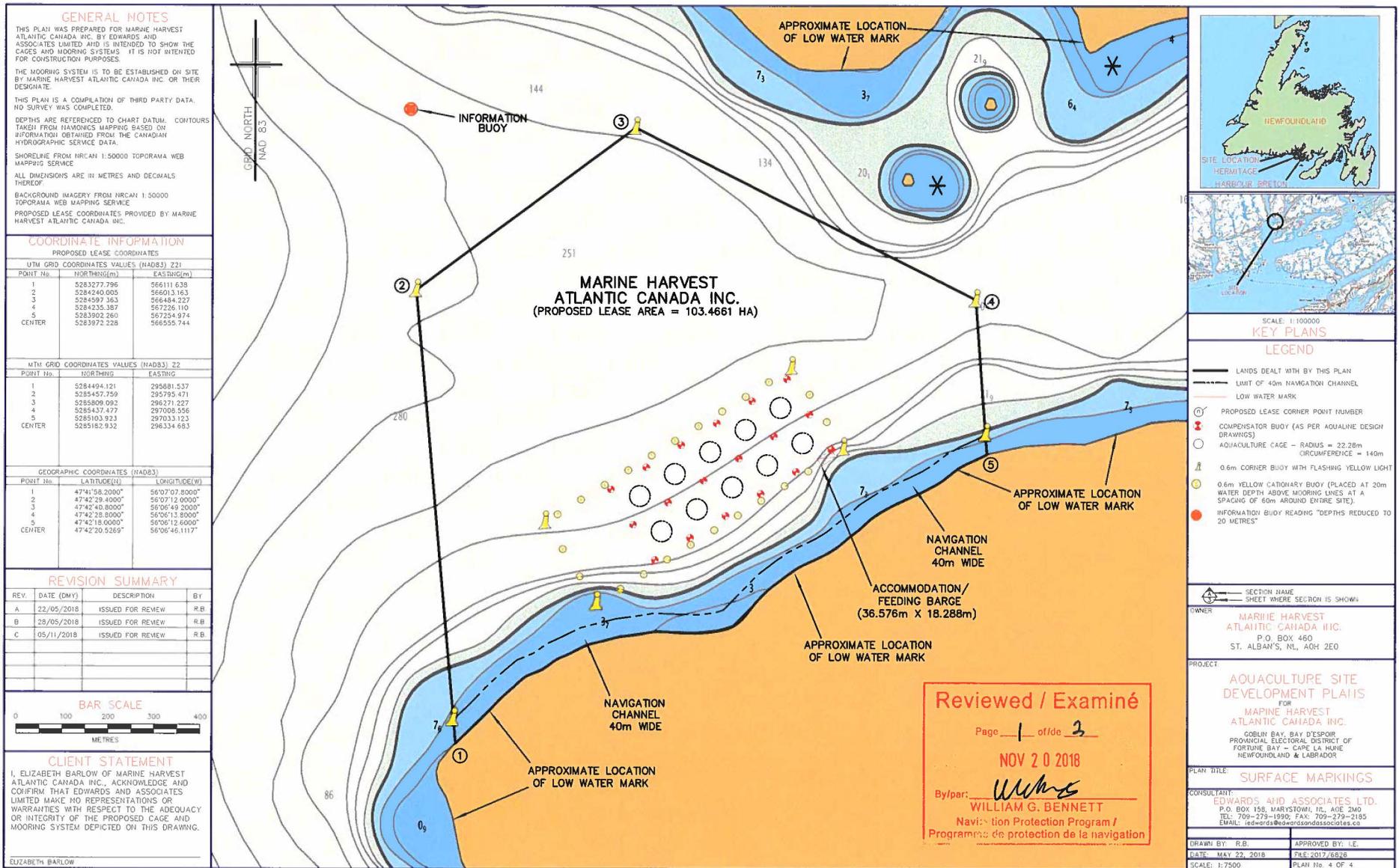


Figure 10.5. Goblin Bay sea farm map and sea cage layout.

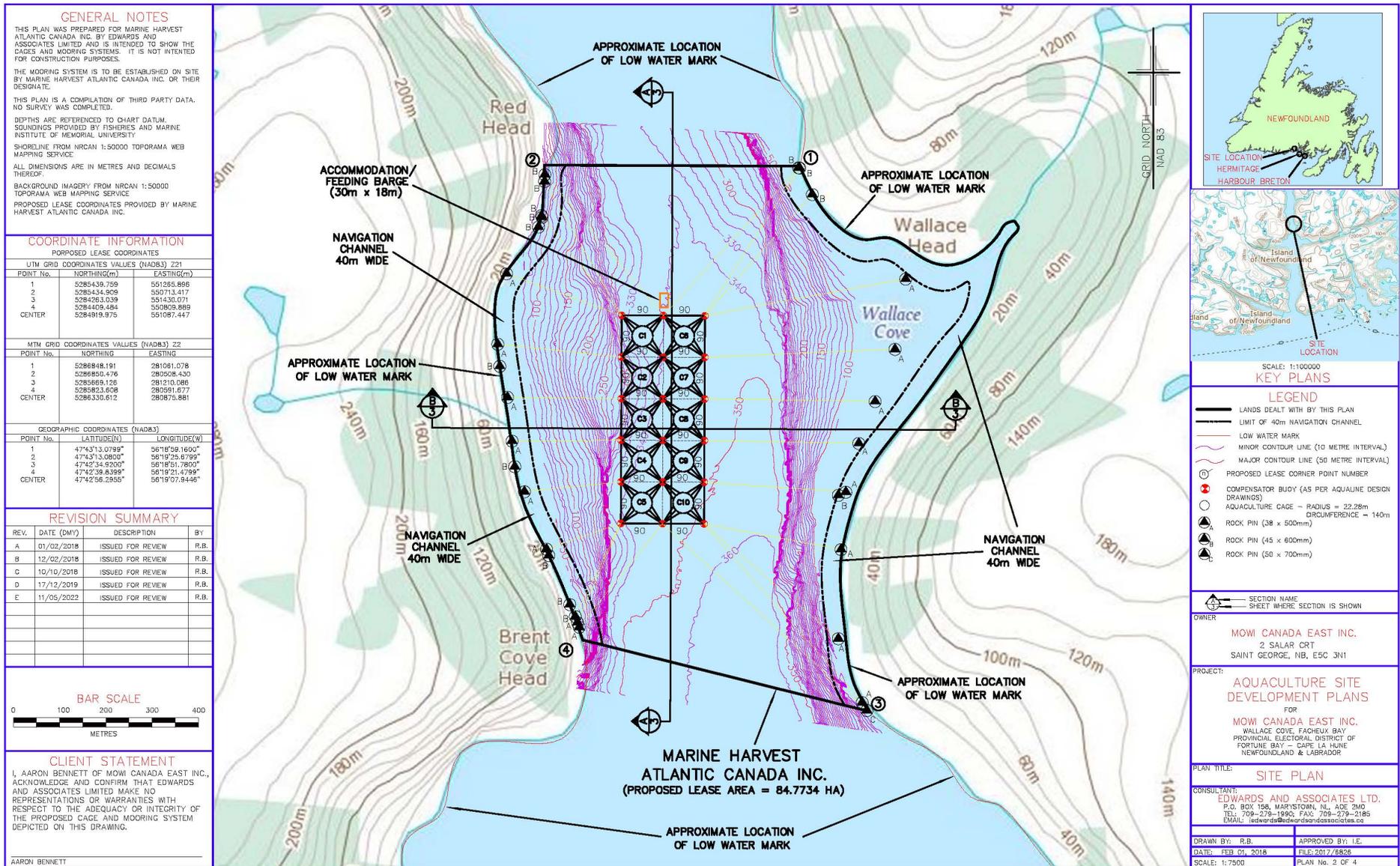


Figure 11.2. Wallace Cove sea farm map and sea cage layout.

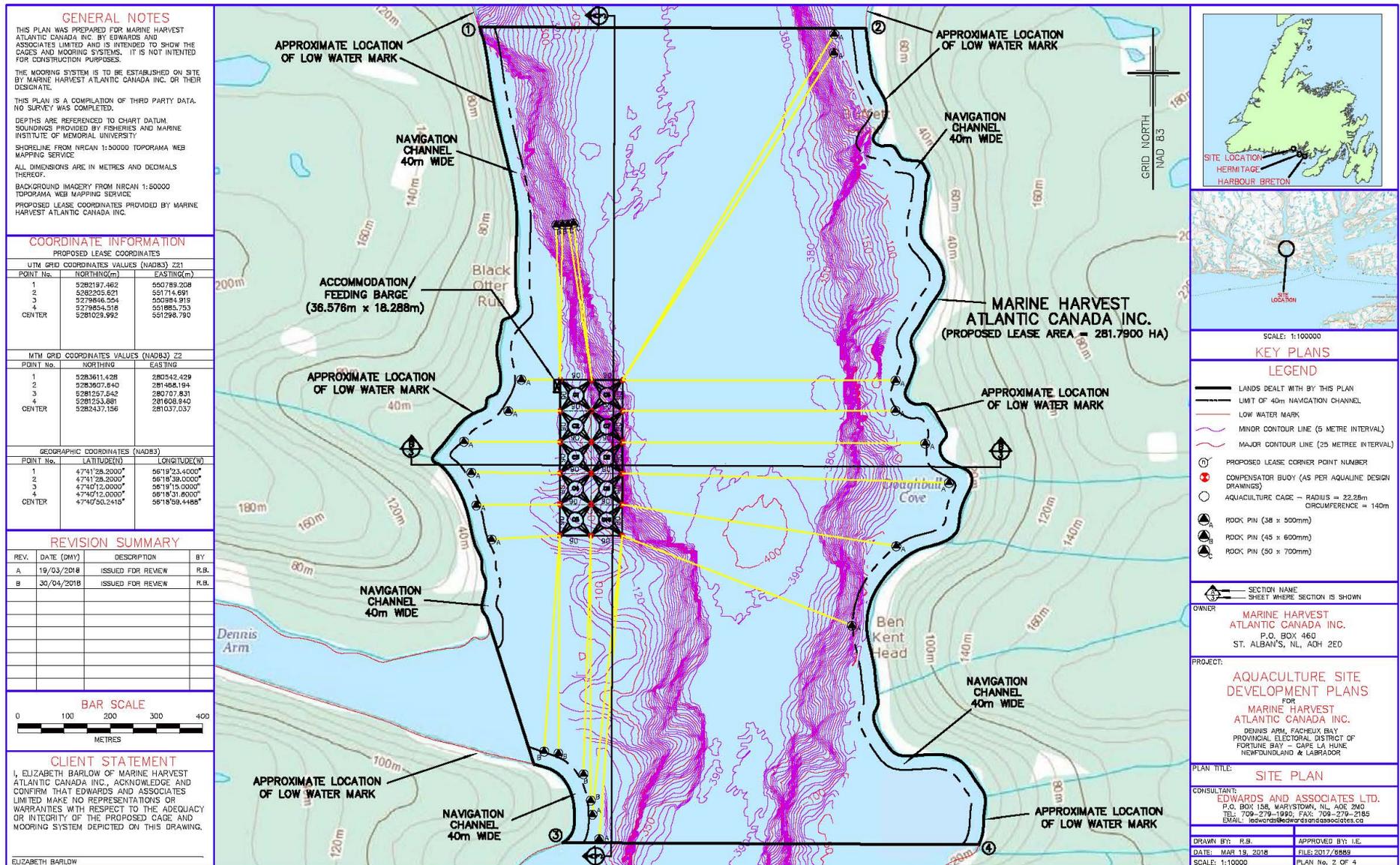


Figure 11.3. Dennis Arm sea farm map and sea cage layout.

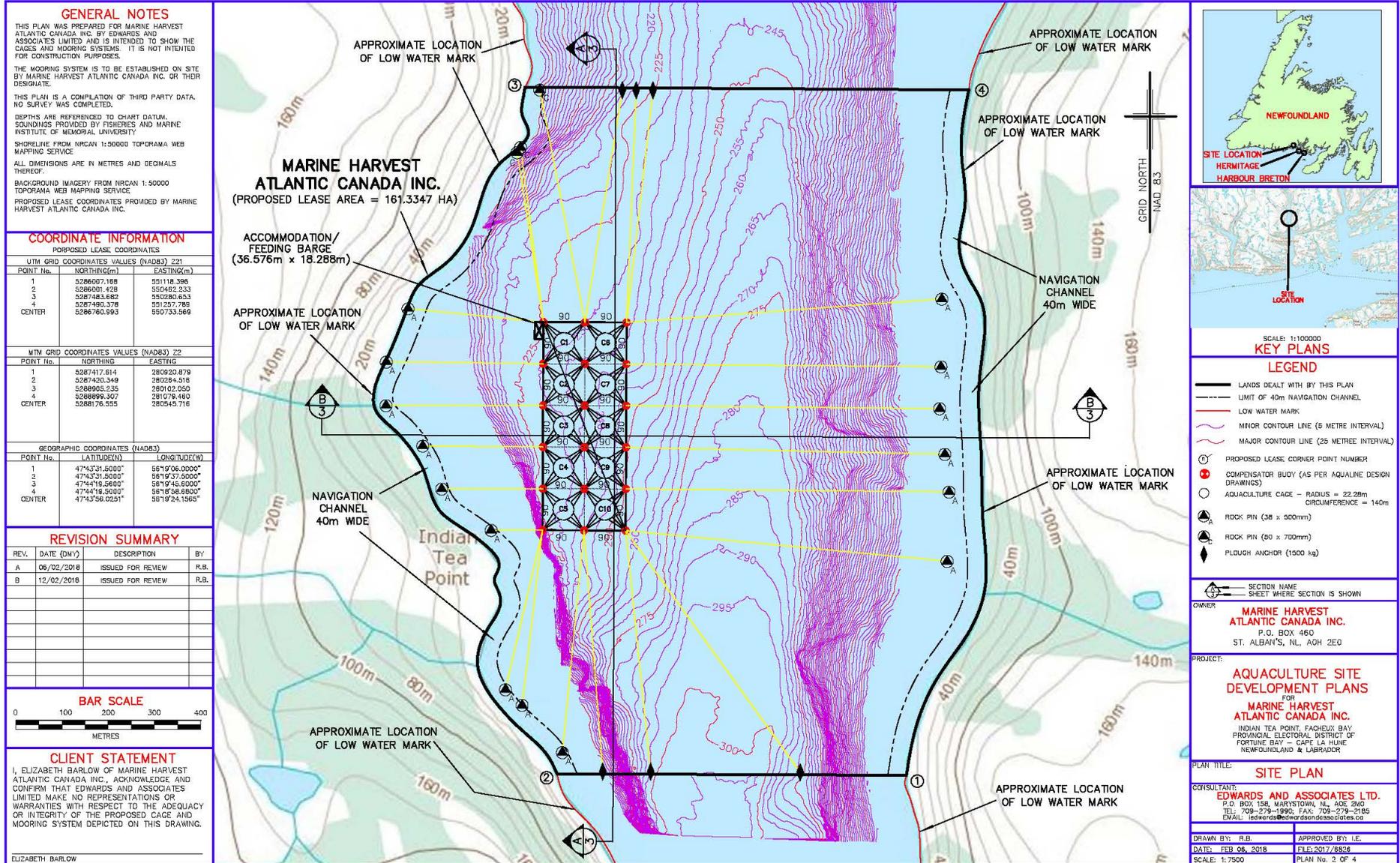


Figure 11.4. Indian Tea Point sea farm map and sea cage layout.

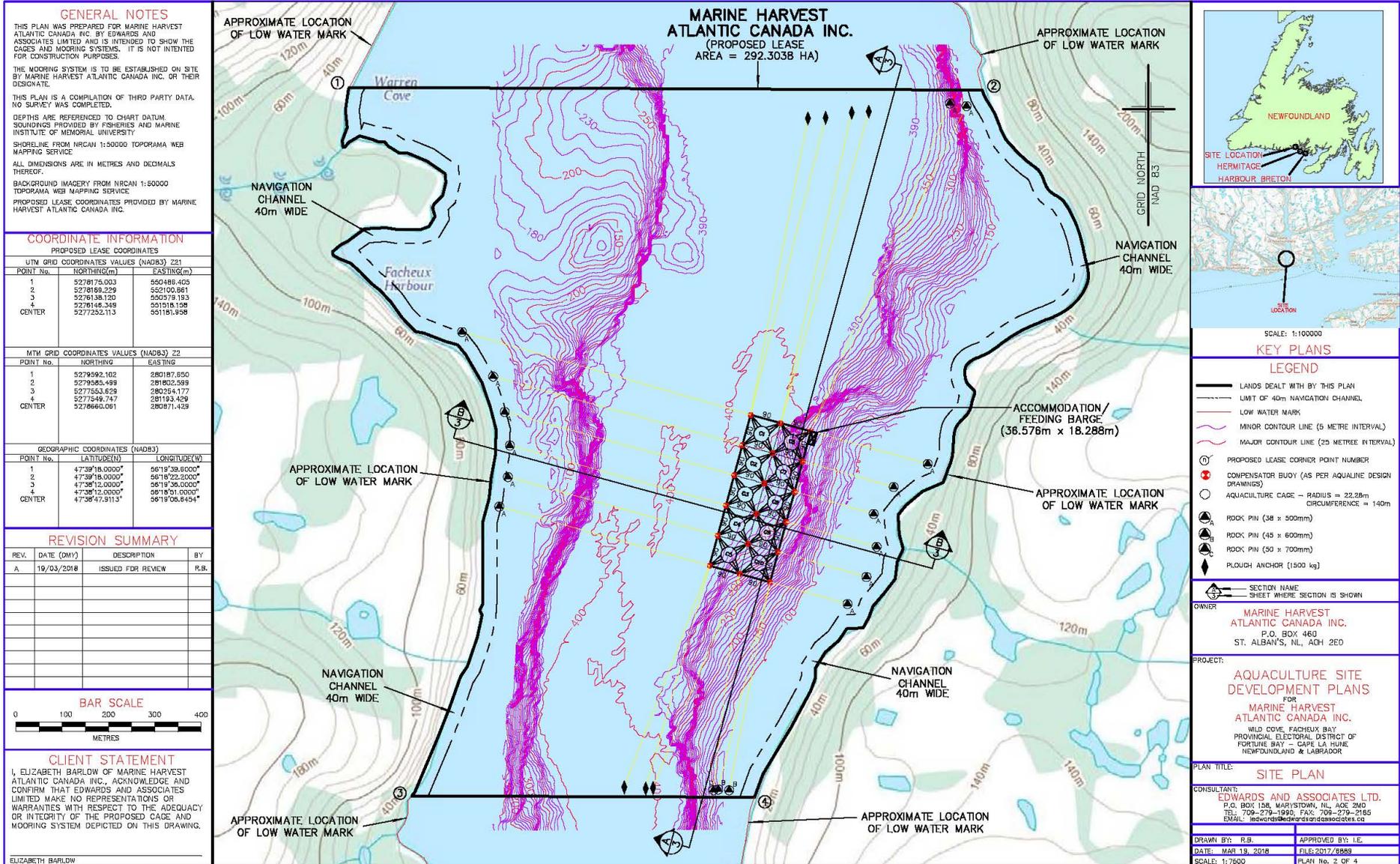


Figure 11.5. Wild Cove sea farm map and sea cage layout.

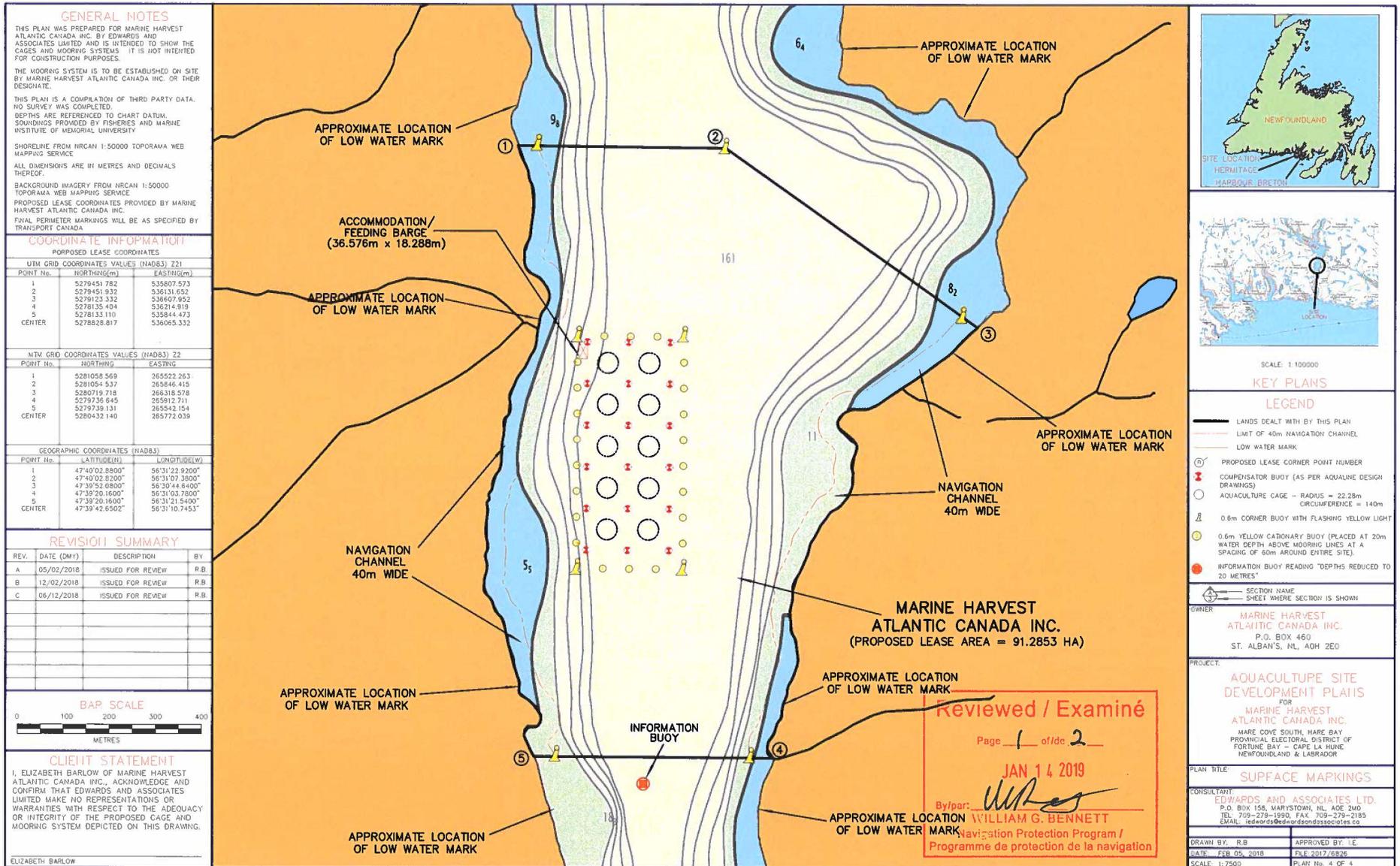


Figure 12.2. Mare Cove South sea farm map and sea cage layout.

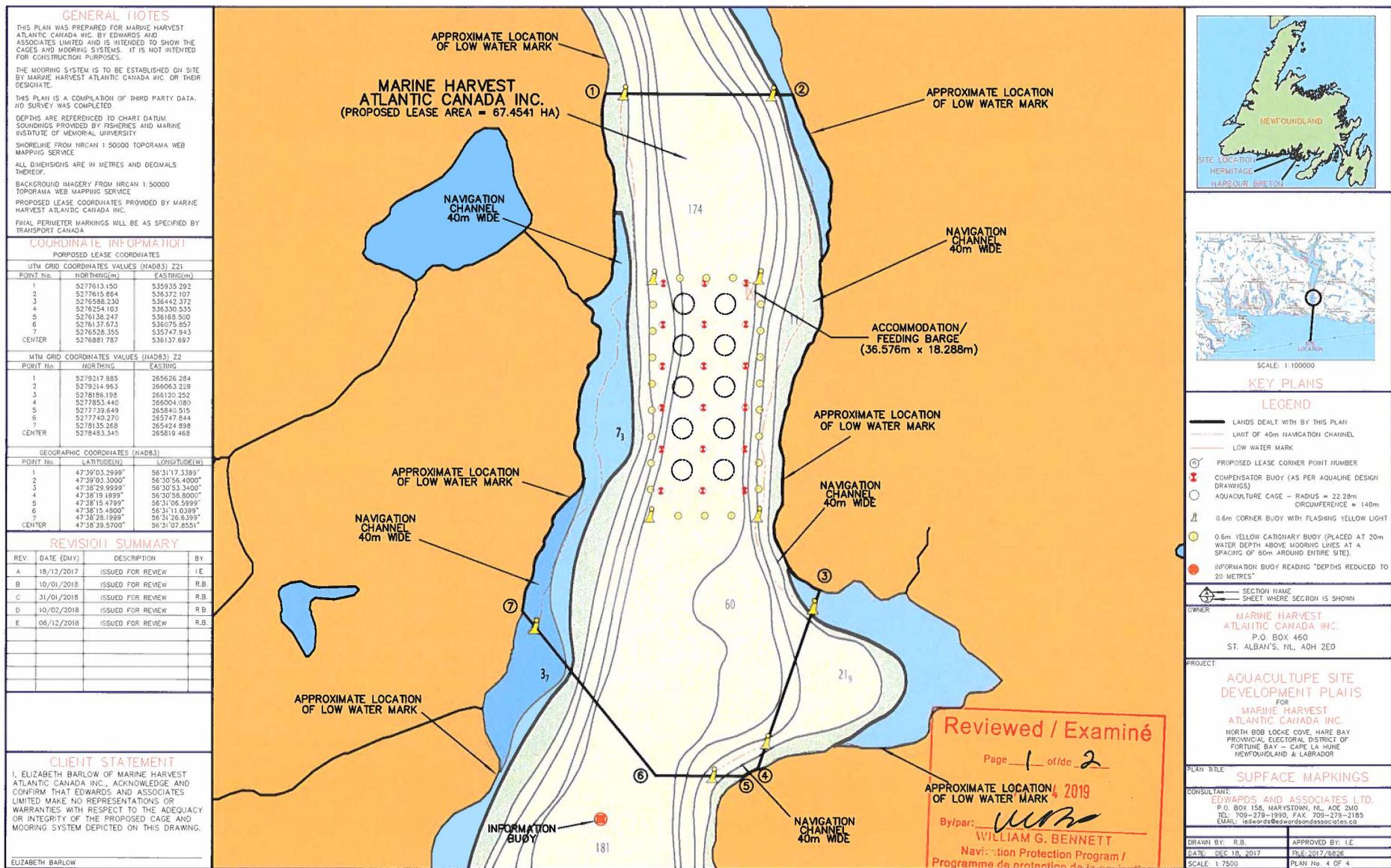


Figure 12.3. North Bob Locke Cove sea farm map and sea cage layout.

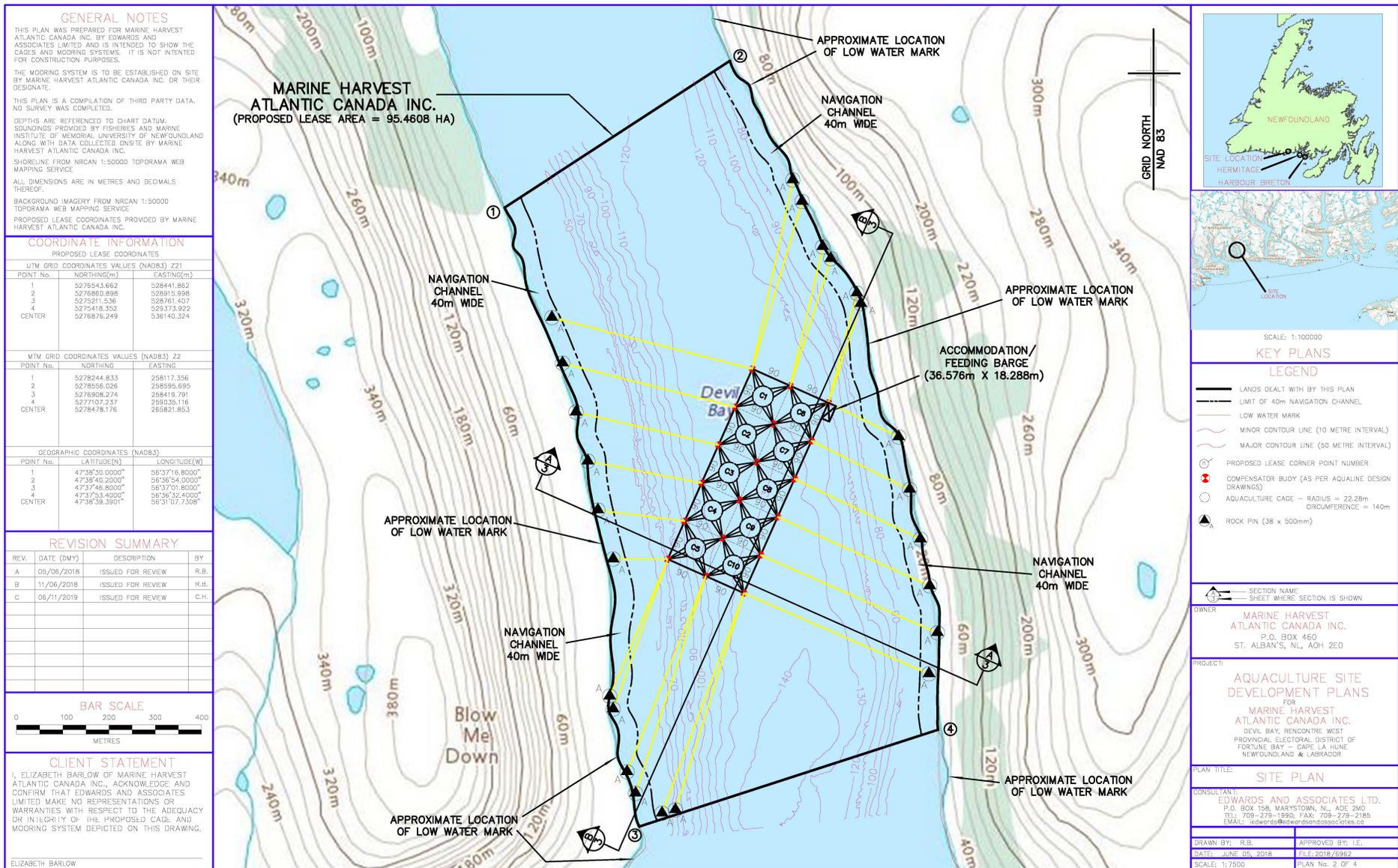


Figure 13.2. Devil Bay sea farm map and sea cage layout.

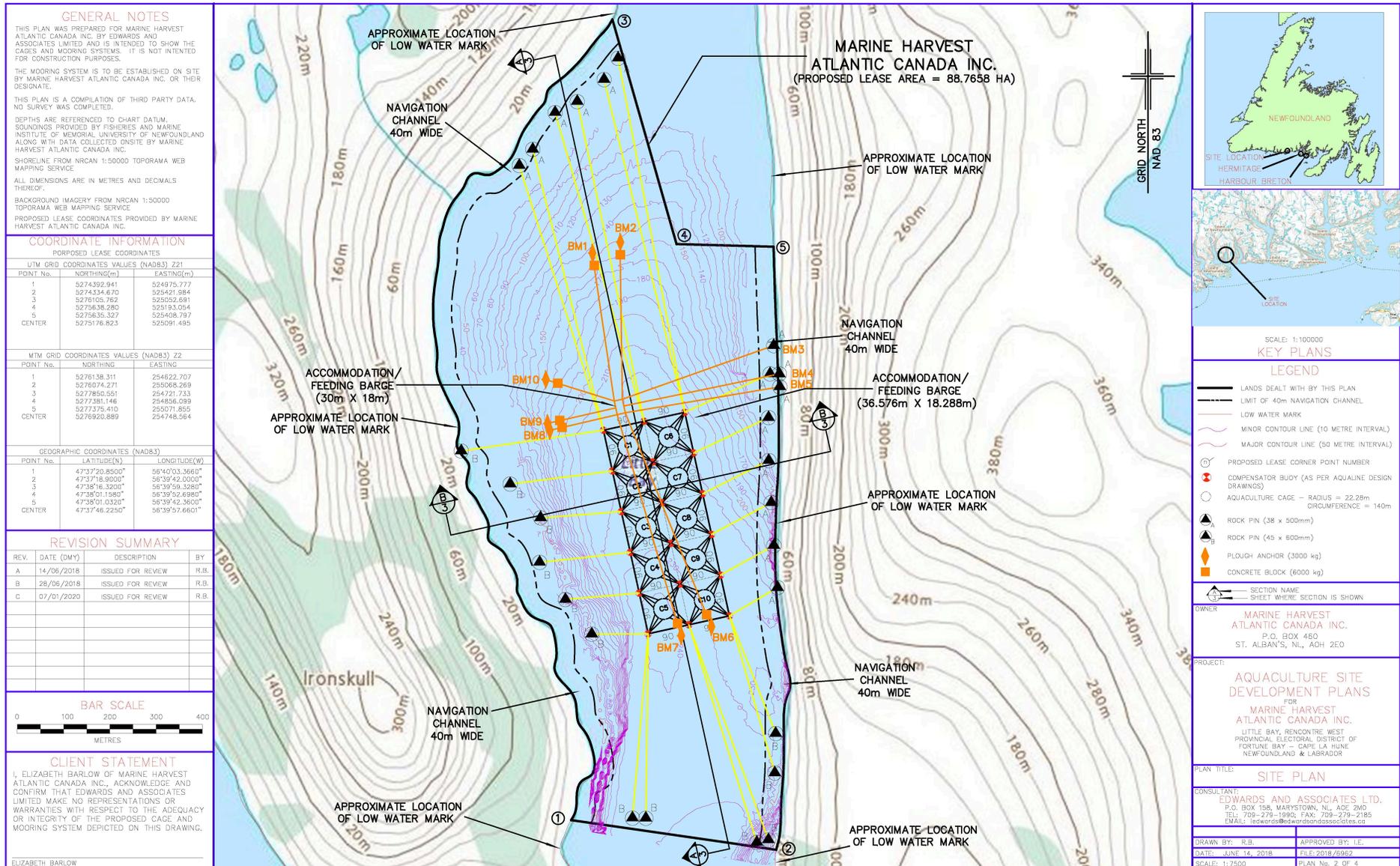


Figure 13.3. Little Bay sea farm map and sea cage layout.



Figure 13.4. Rencontre Bay sea farm map and sea cage layout.

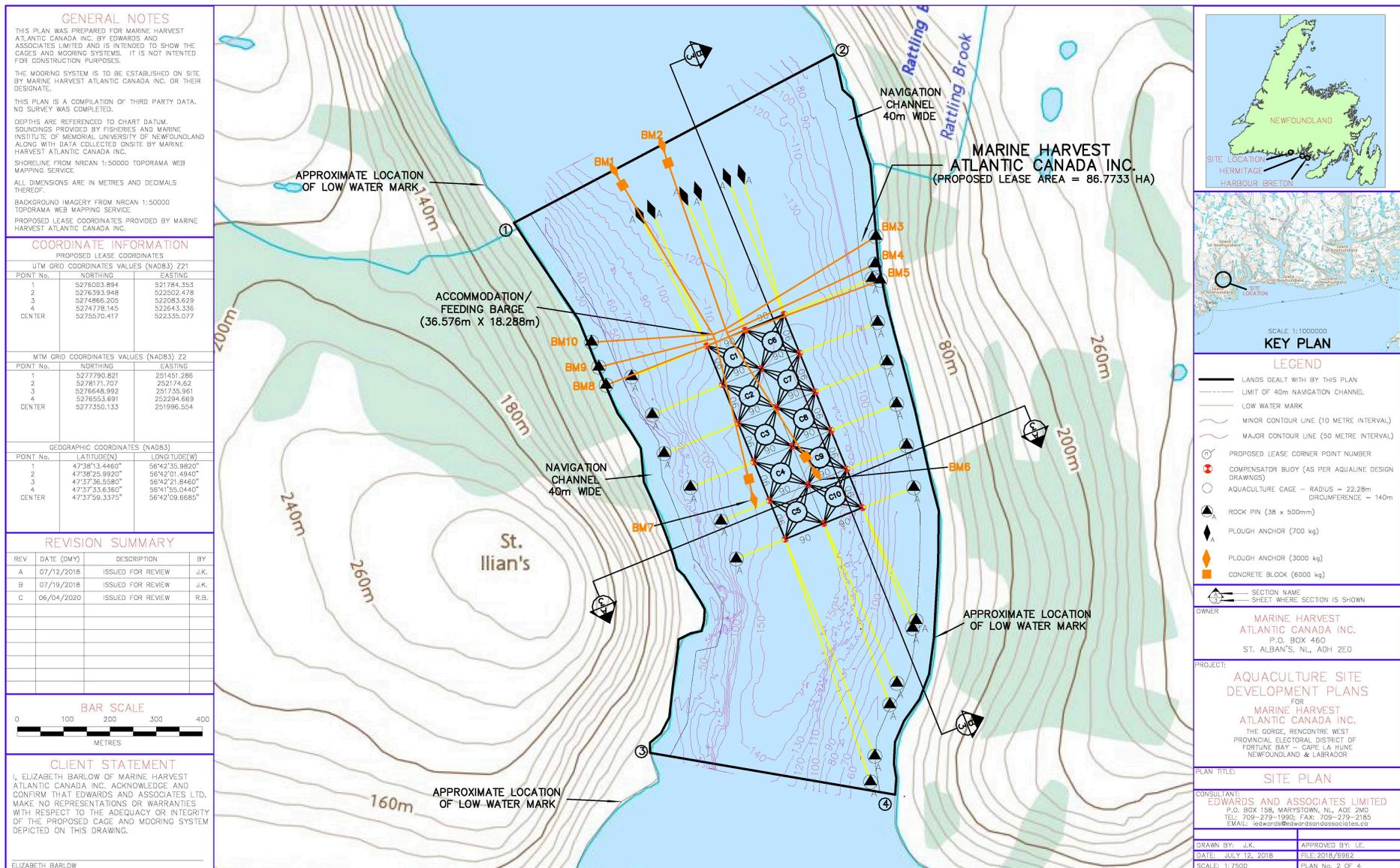


Figure 13.5. The Gorge sea farm map and sea cage layout.

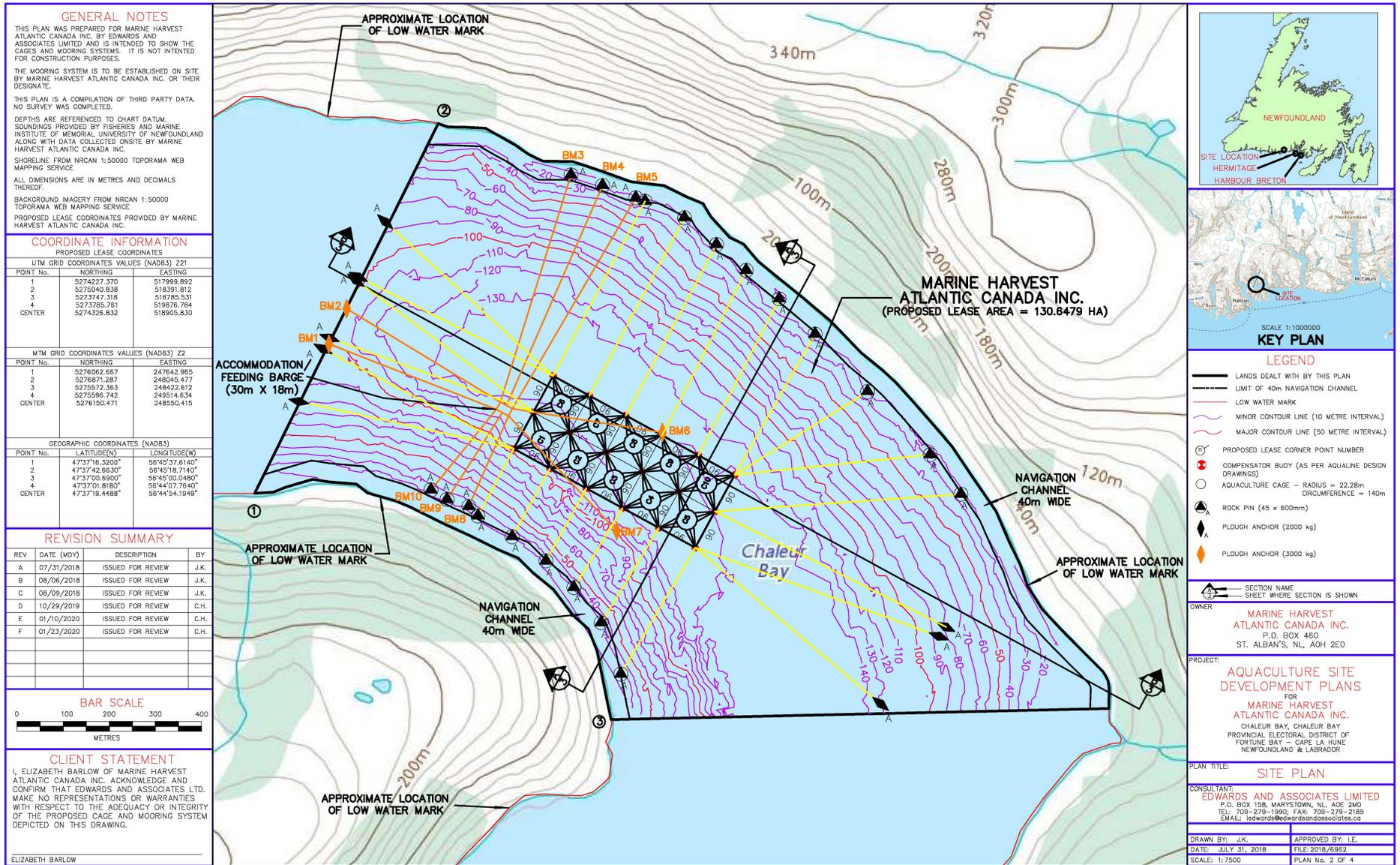


Figure 14.2. Chaleur Bay sea farm map and sea cage layout.

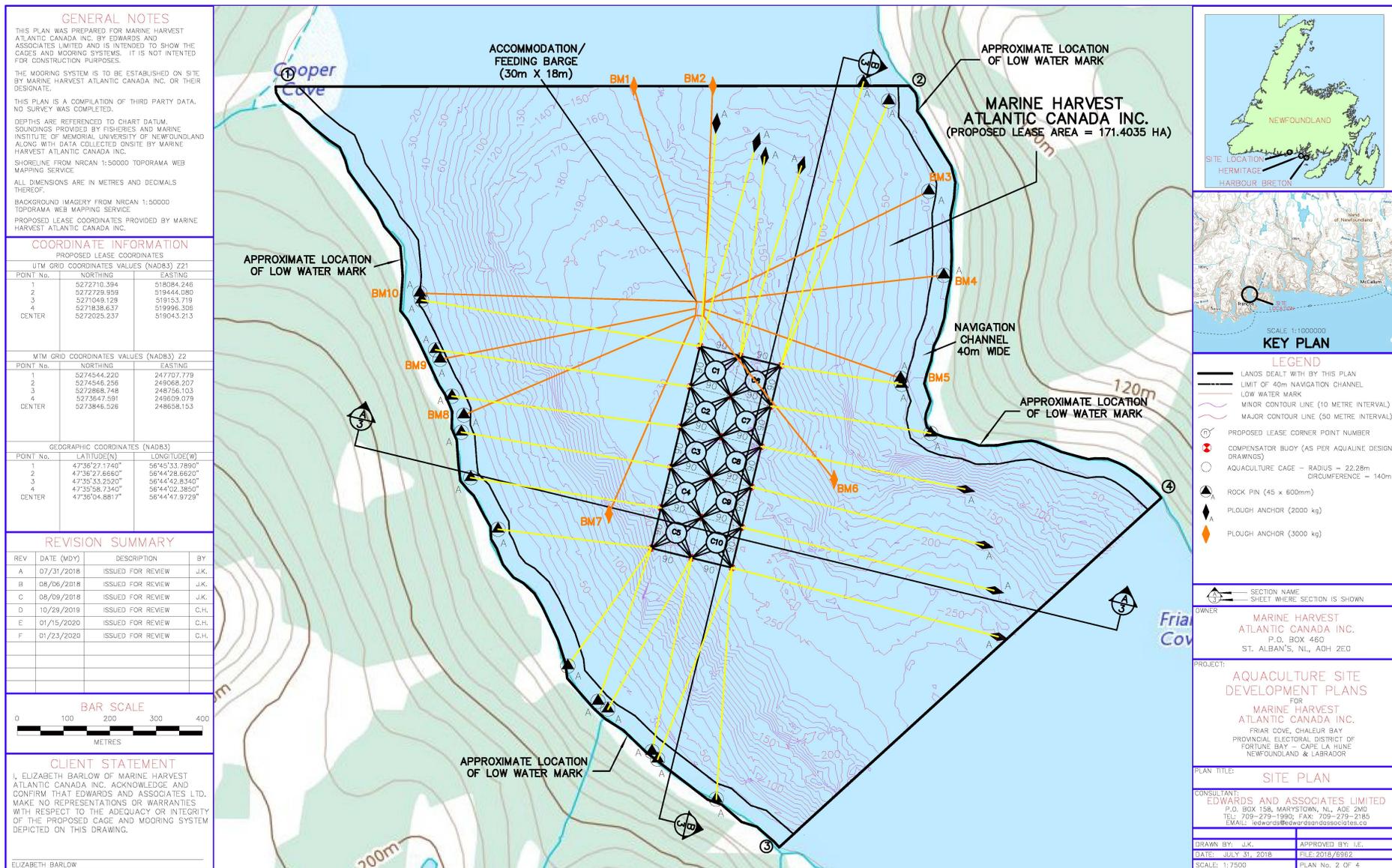


Figure 14.3. Friar Cove sea farm map and sea cage layout.

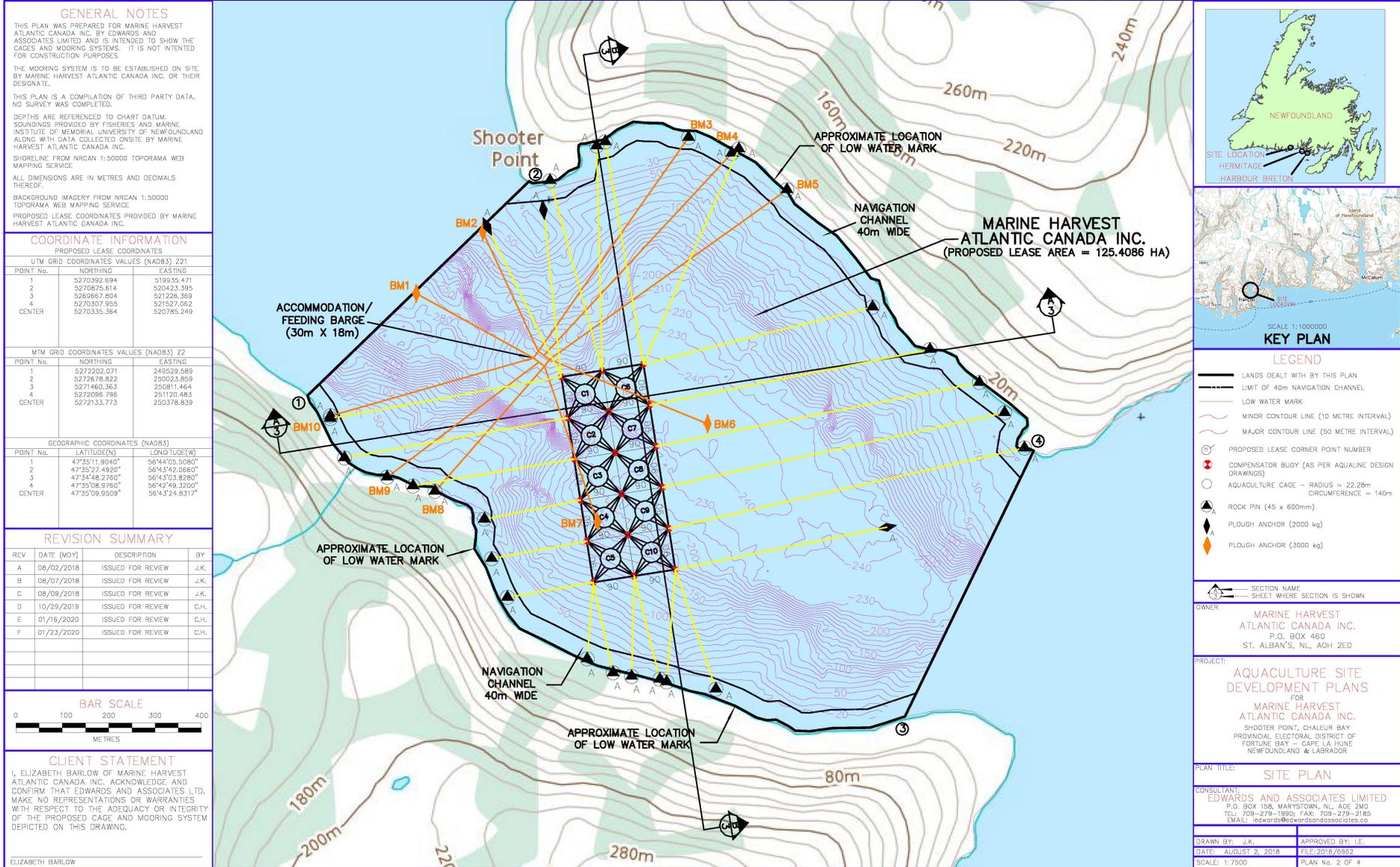


Figure 14.4. Shooter Point sea farm map and sea cage layout.

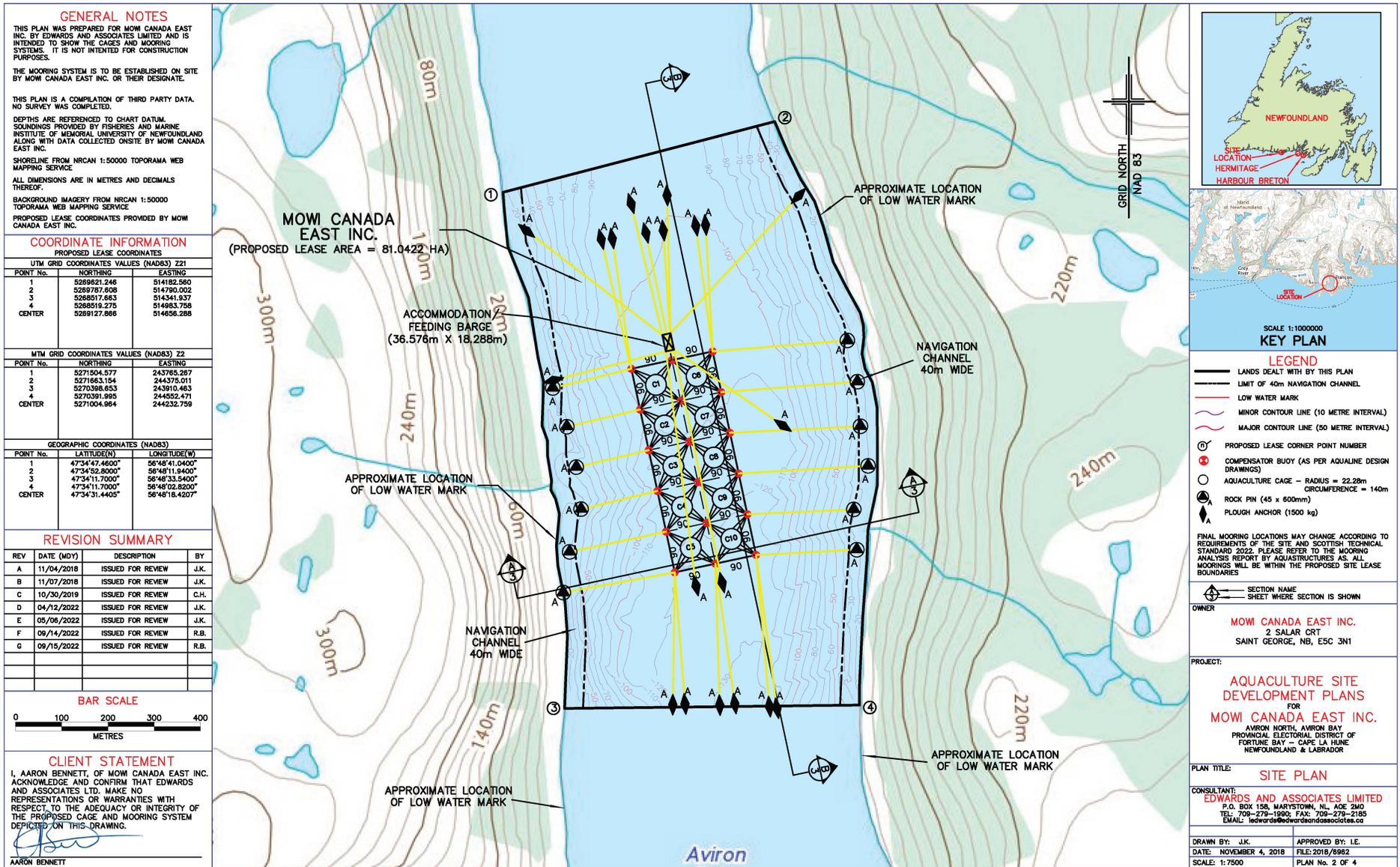


Figure 15.2. Aviron North sea farm map and sea cage layout.

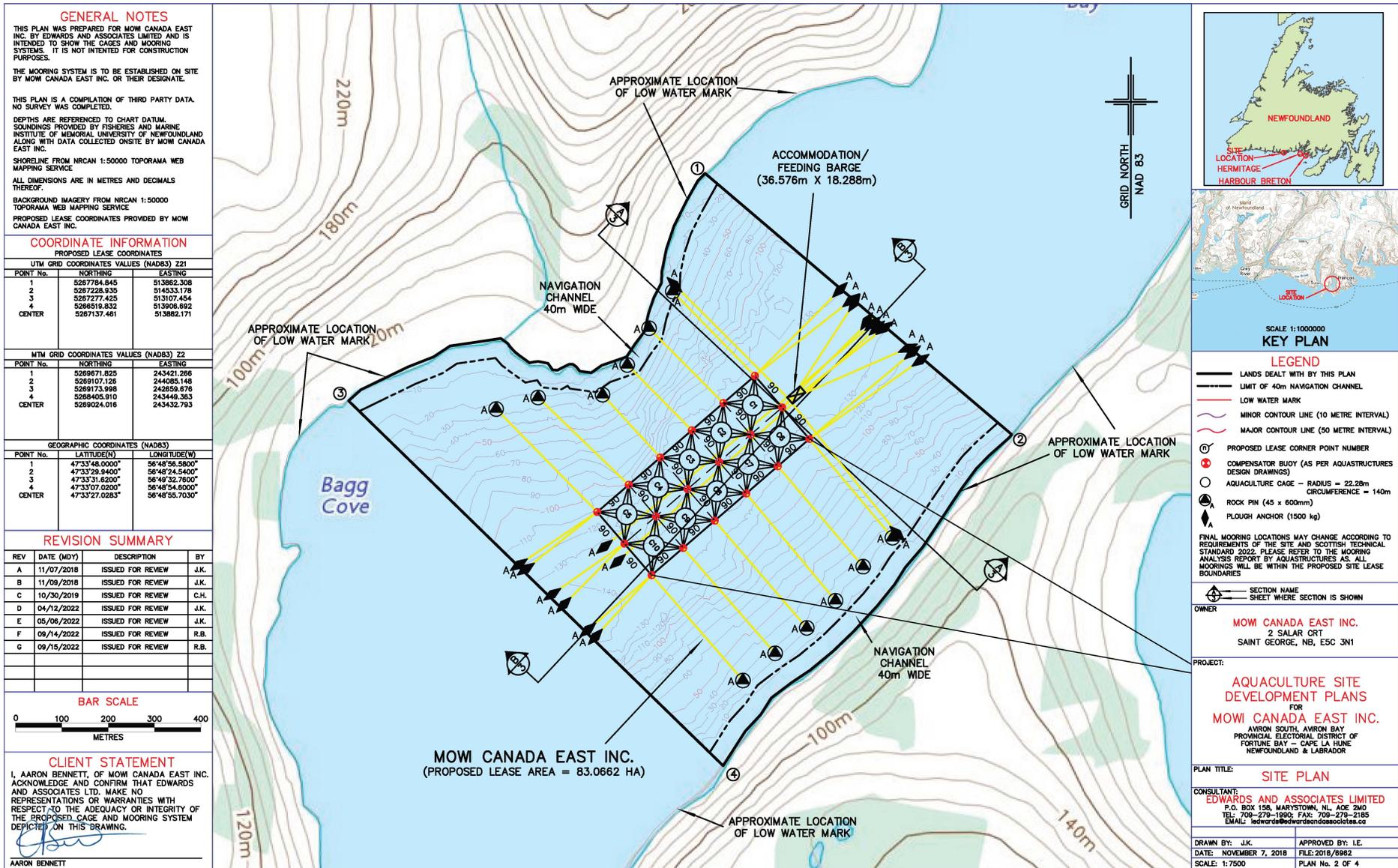


Figure 15.3. Aviron South sea farm map and sea cage layout.

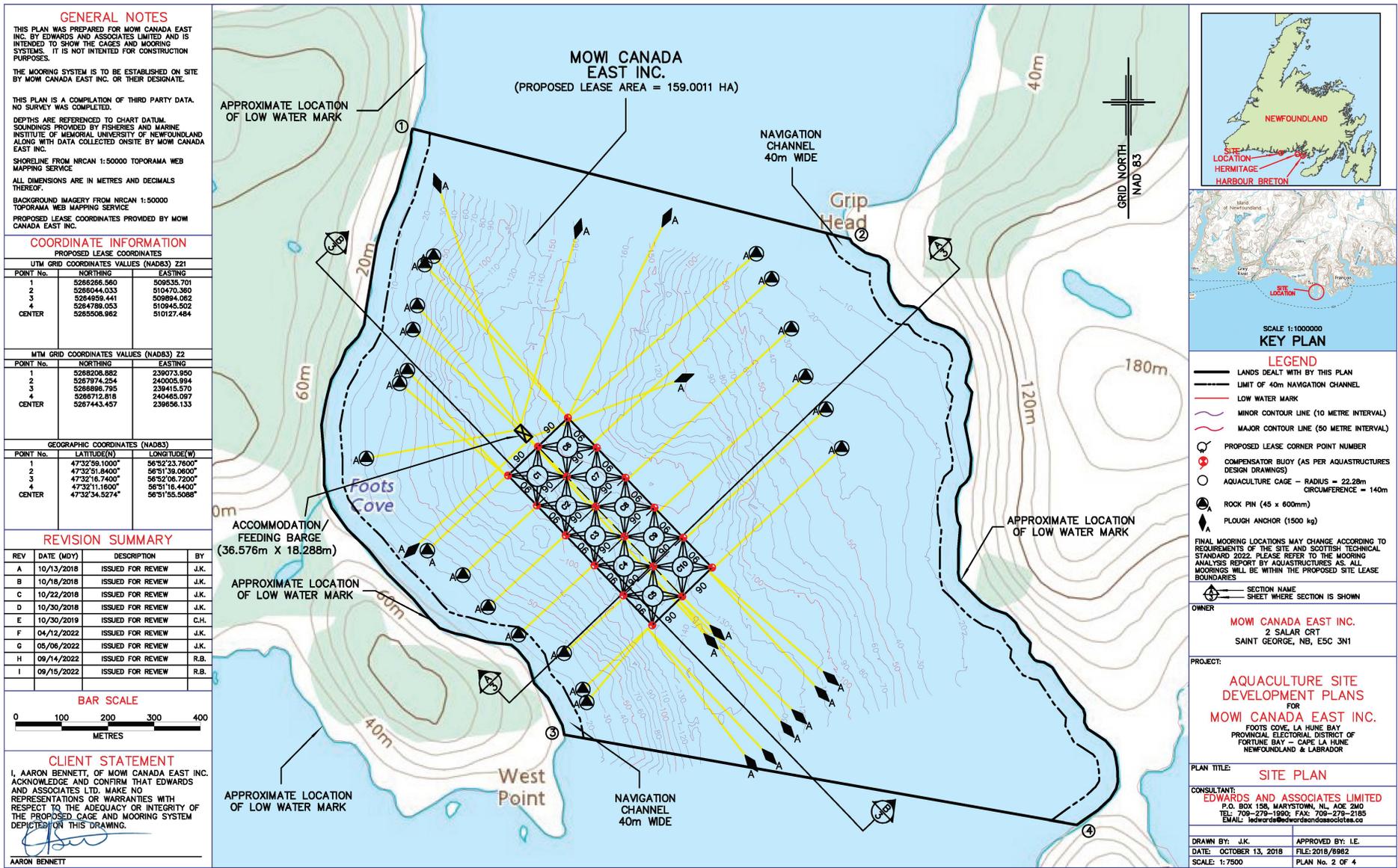


Figure 15.4. Foots Cove sea farm map and sea cage layout.

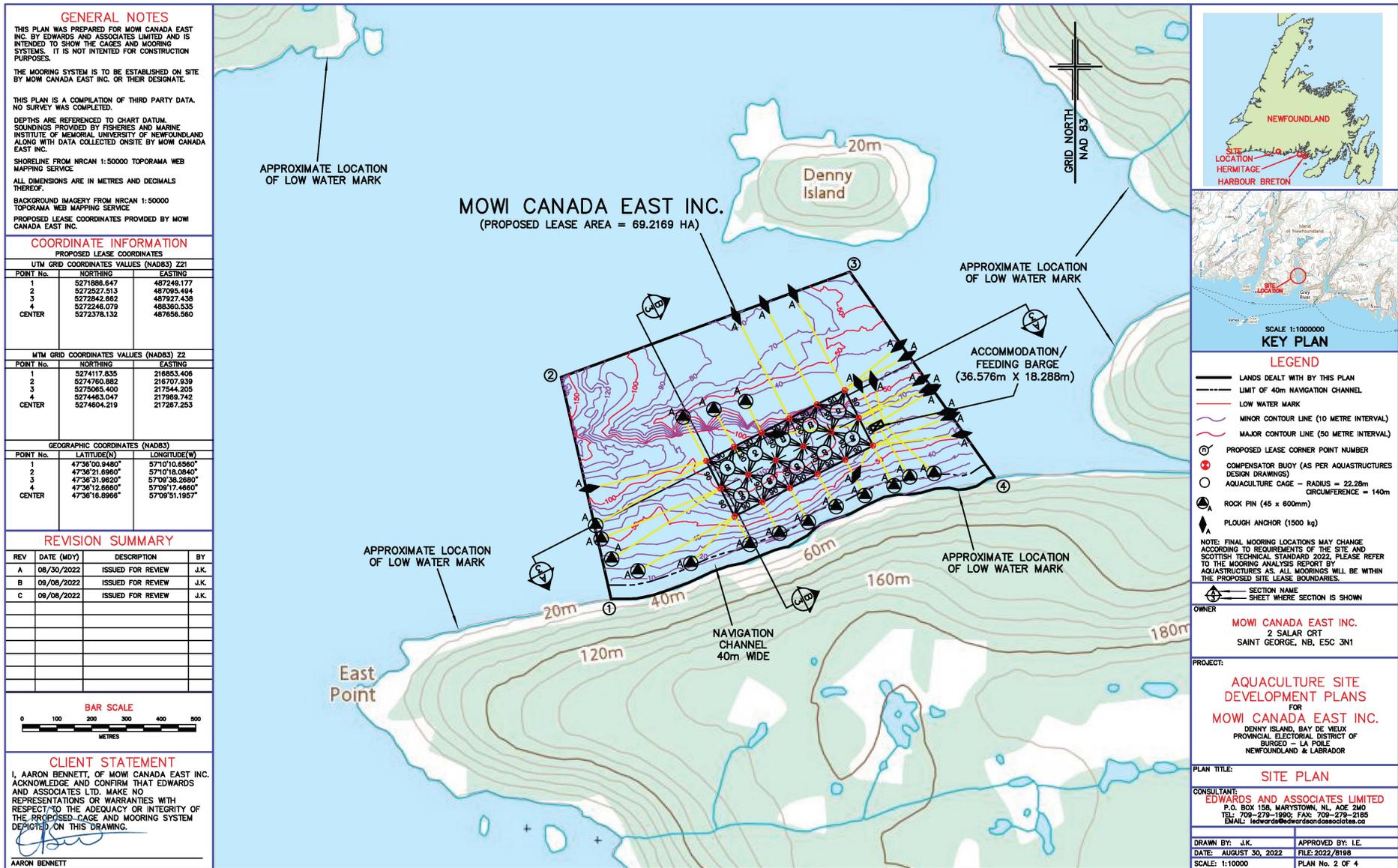


Figure 16.2. Denny Island sea farm map and sea cage layout.

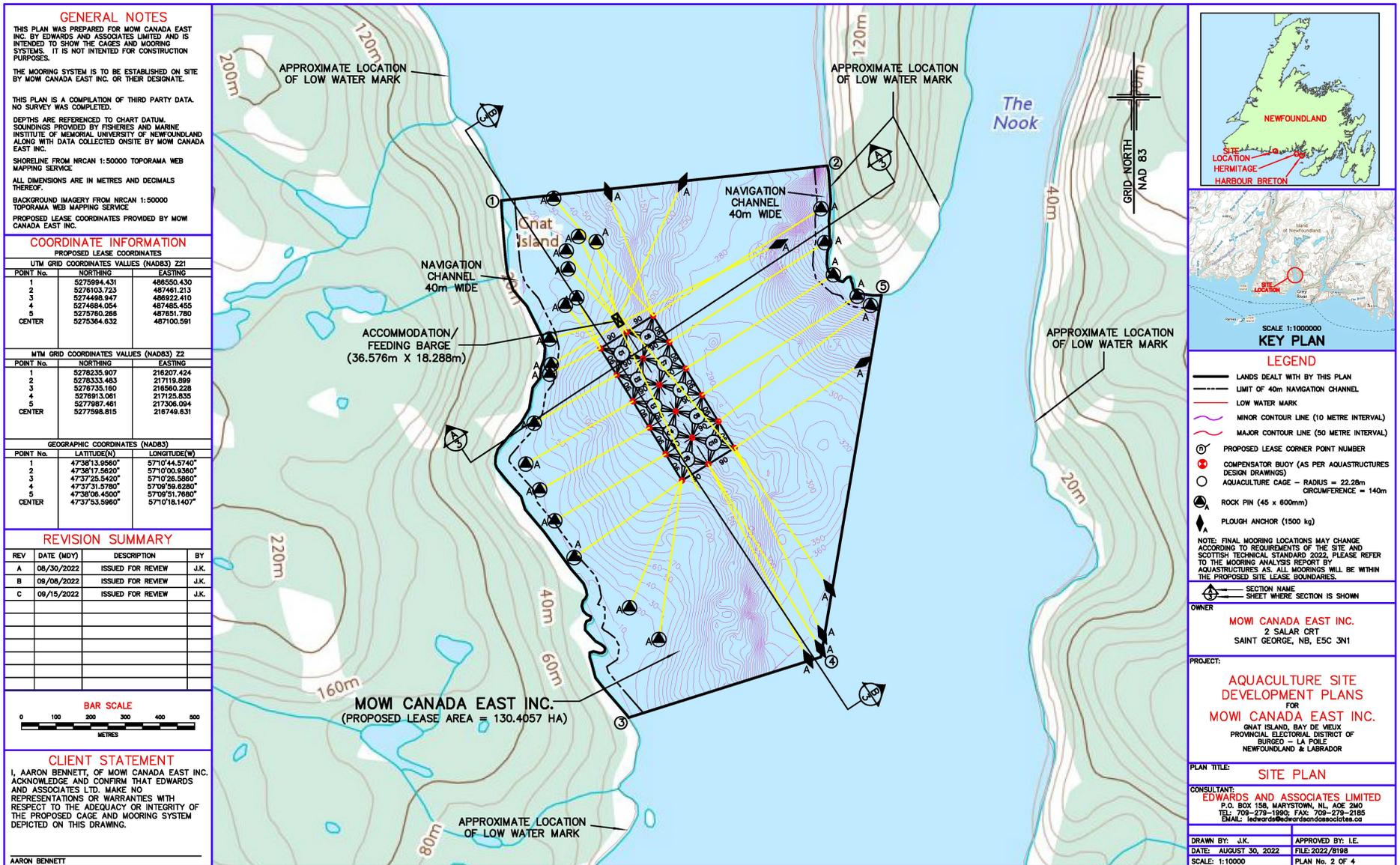


Figure 16.3. Gnat Island sea farm map and sea cage layout.

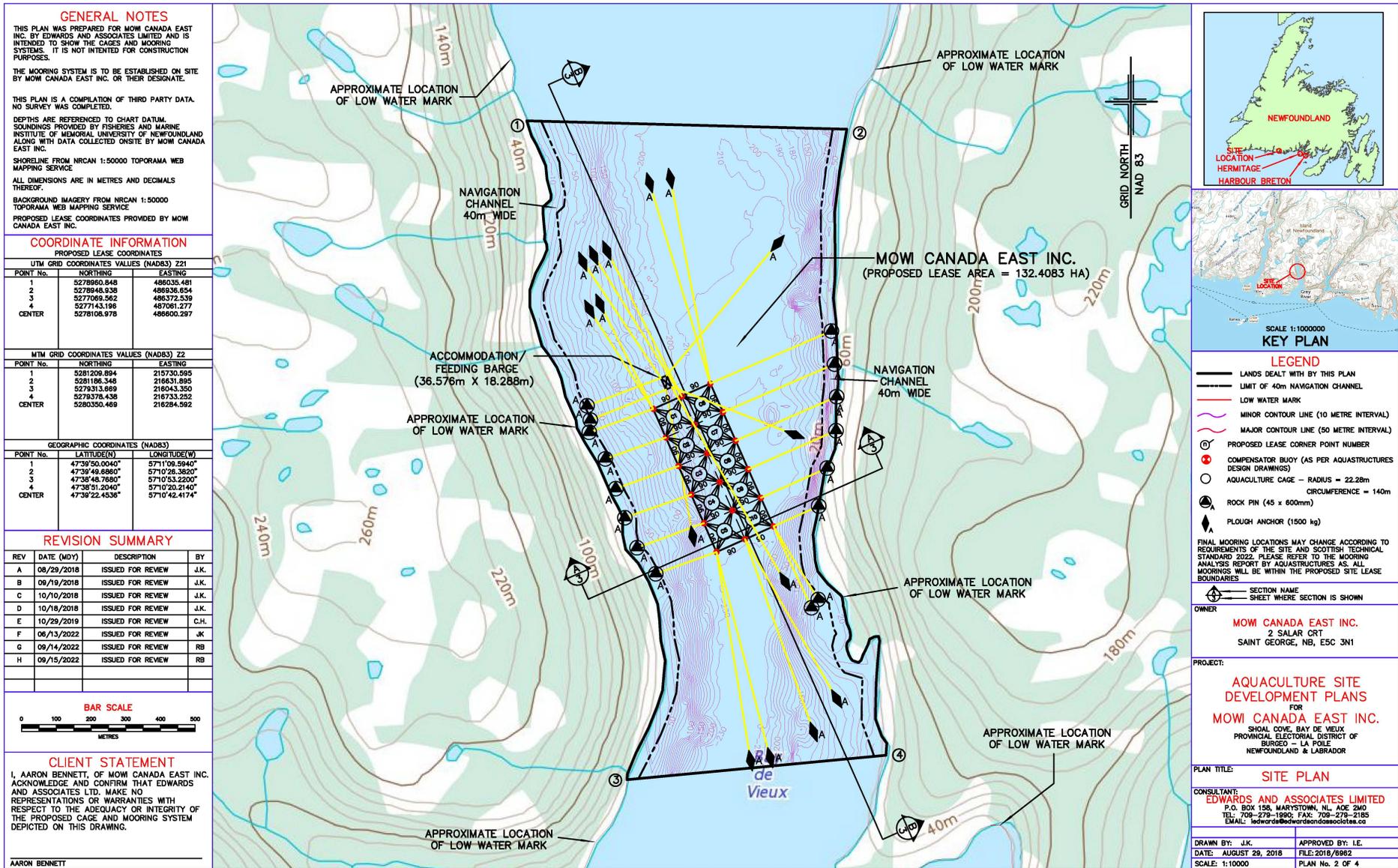


Figure 16.4. Shoal Cove sea farm map and sea cage layout.

## **Appendix E - Current Speed Compass Rose Plots for MCE Sea Farms**



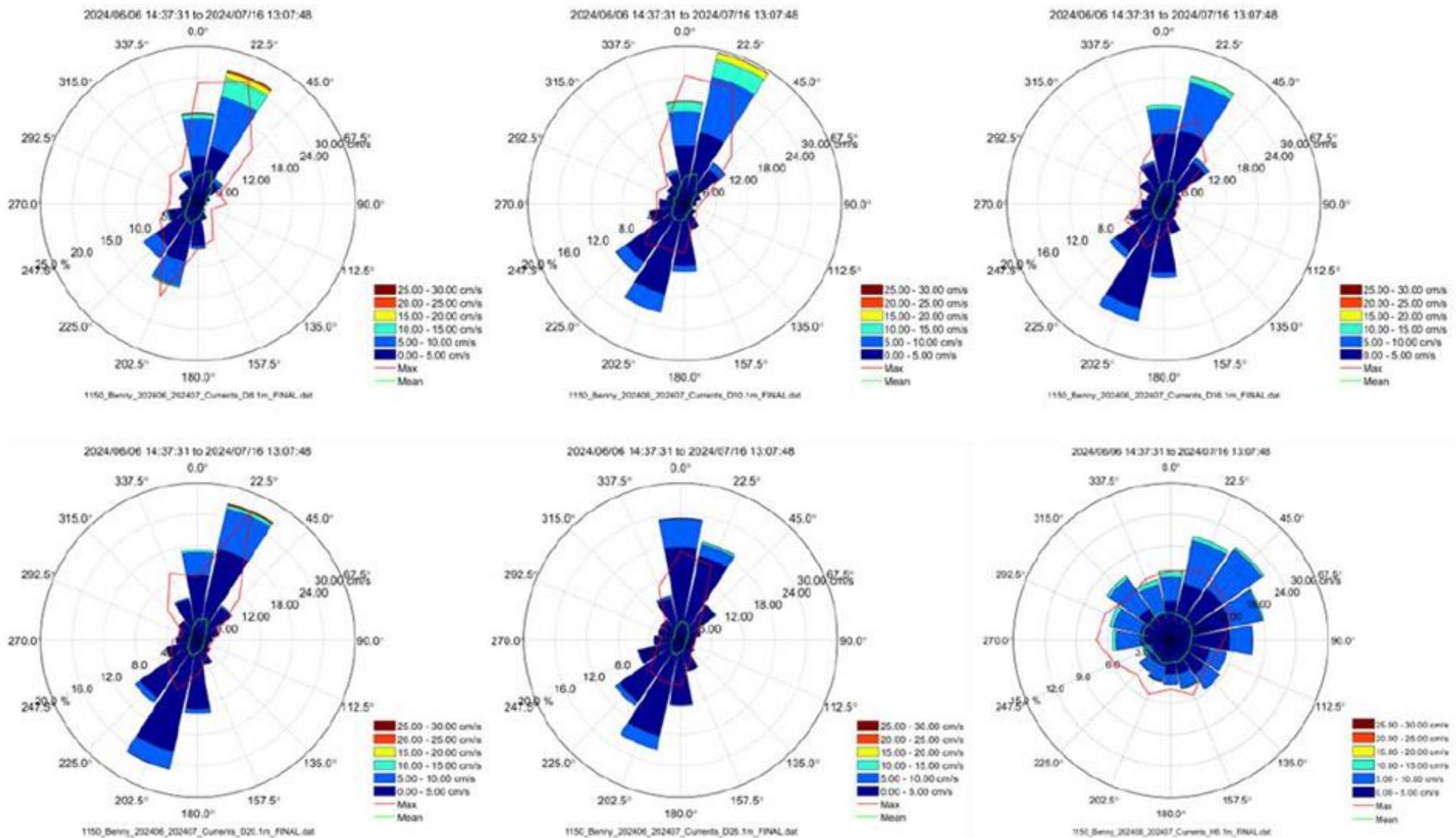


Figure 4.13. Compass rose plots of current speeds (cm/s) at the Benny's Cove sea farm (June–July 2024). Current speeds (cm/s) and directions at 8 m, 10 m, 16 m, 20 m, 26 m (mid-depth), and near-bottom (8 m height) are shown from left to right, top to bottom in the figure.

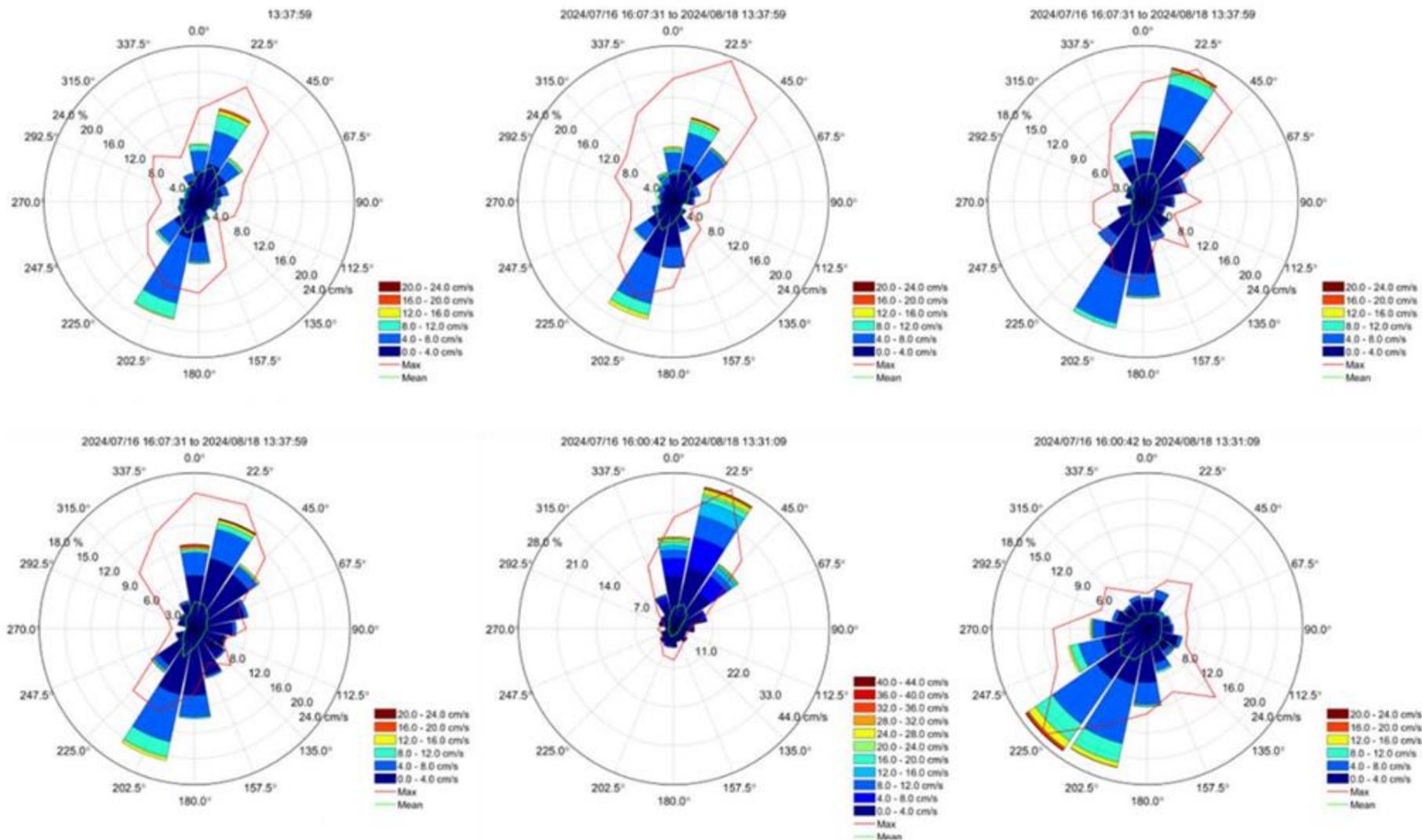


Figure 4.14. Compass rose plots of current speeds (cm/s) at the Foshie's Cove sea farm (July–August 2024). Current speeds (cm/s) and directions at 5 m, 10 m, 15 m, 20 m, 59 m (mid-depth), and near-bottom (6 m height) are shown from left to right, top to bottom. Note that the mid-depth rose plot uses a larger speed scale.

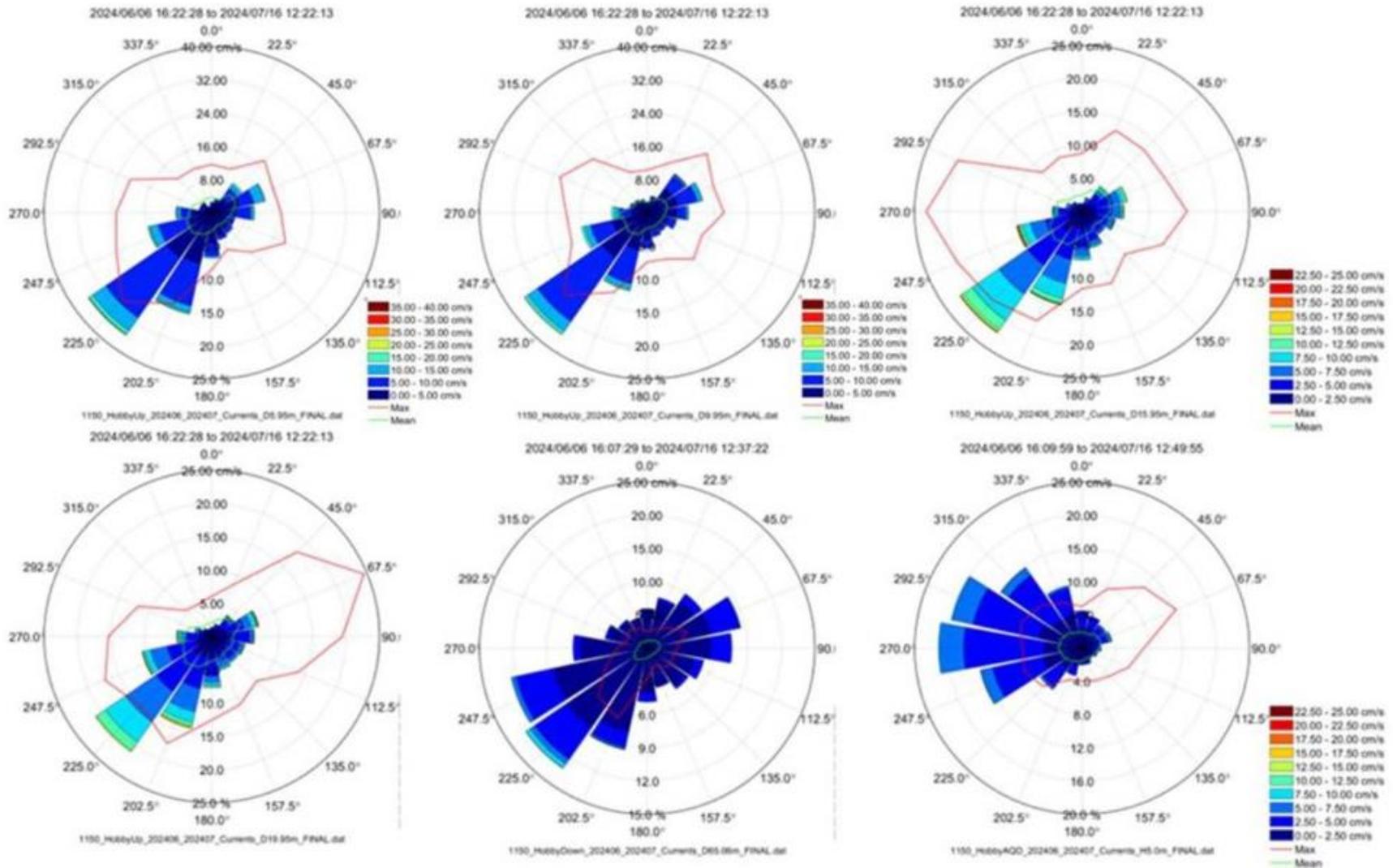


Figure 4.15. Compass rose plots of current speeds (cm/s) at The Hobby sea farm (June–July 2024). Current speeds (cm/s) and directions at 5 m, 10 m, 15 m, 20 m, 65 m (mid-depth), and near-bottom (5 m height) are shown from left to right, top to bottom in the figure. Note that the 5 m and 10 m plots use a larger speed scale.

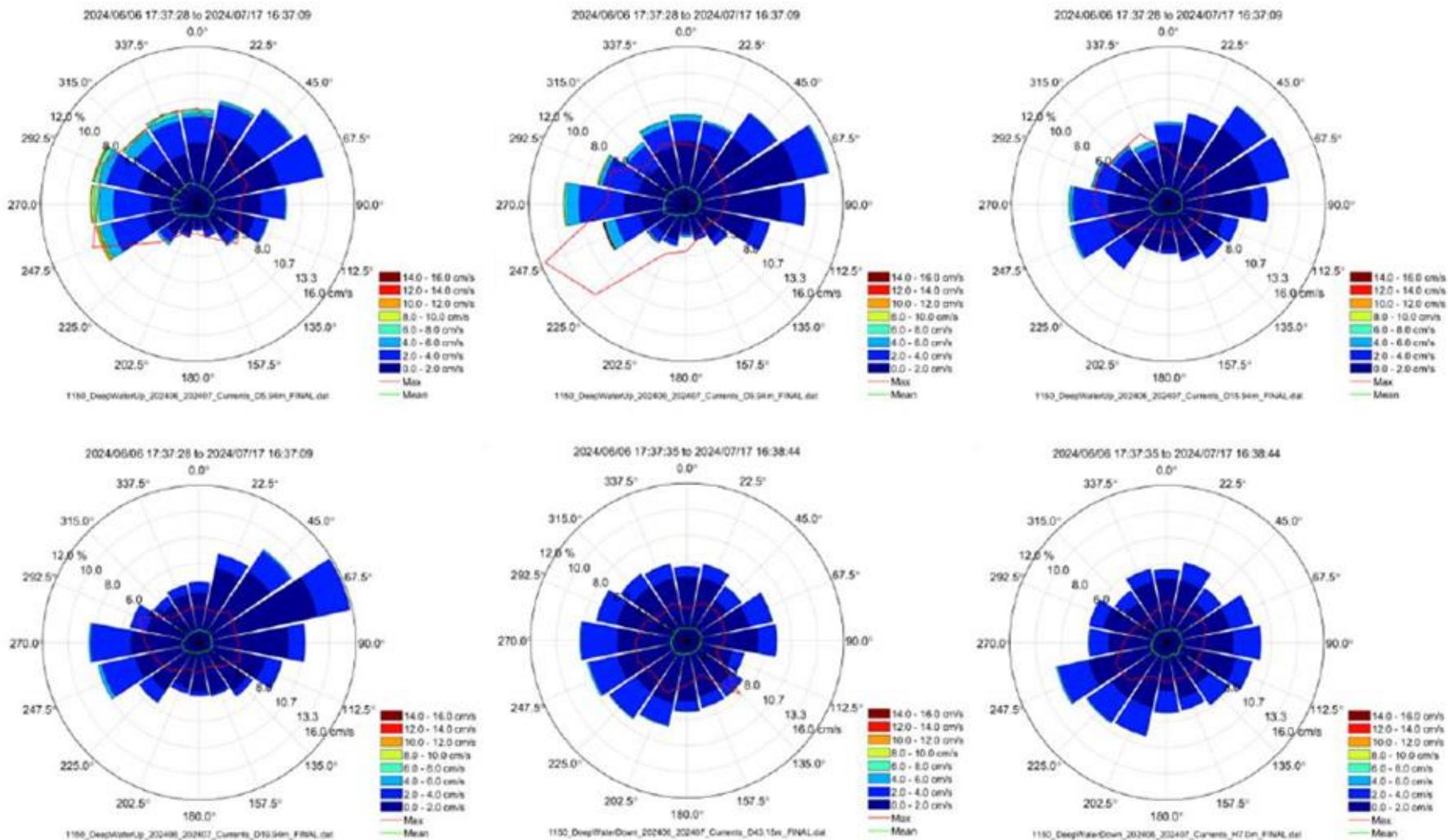


Figure 5.16. Compass rose plots of current speeds (cm/s) at the Deep Water Point sea farm (June–July 2024). Current speeds (cm/s) and directions at 5 m, 10 m, 15 m, 20 m, 43 m (mid-depth), and near bottom (7 m height) are shown from left to right, top to bottom in the figure.

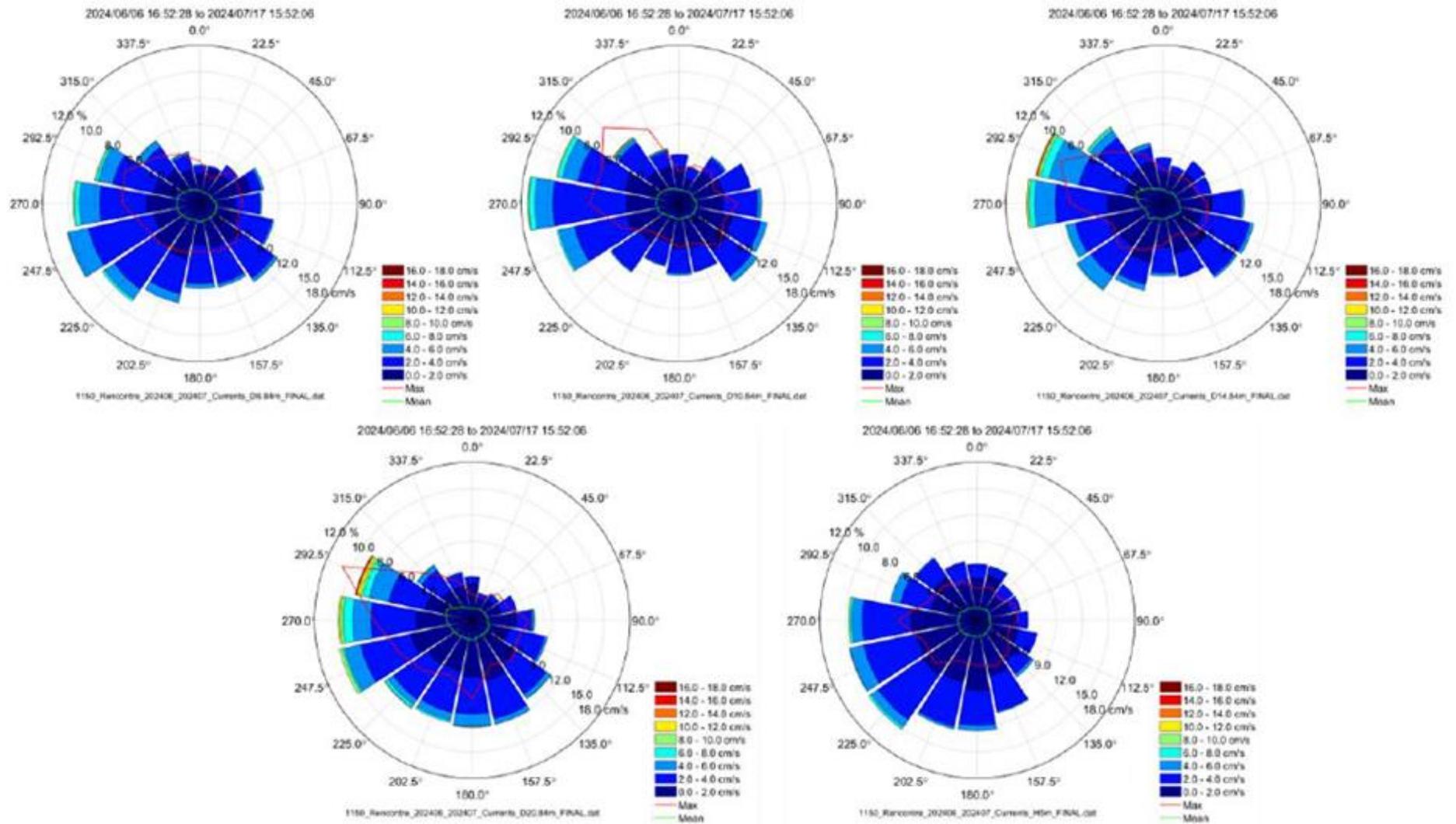


Figure 5.17. Compass rose plots of current speeds (cm/s) at the Rencontre East Island sea farm (June–July 2024). Current speeds (cm/s) and directions at 6 m, 10 m, 15 m, 20 m, and near bottom (5 m height) are shown from left to right, top to bottom in the figure.

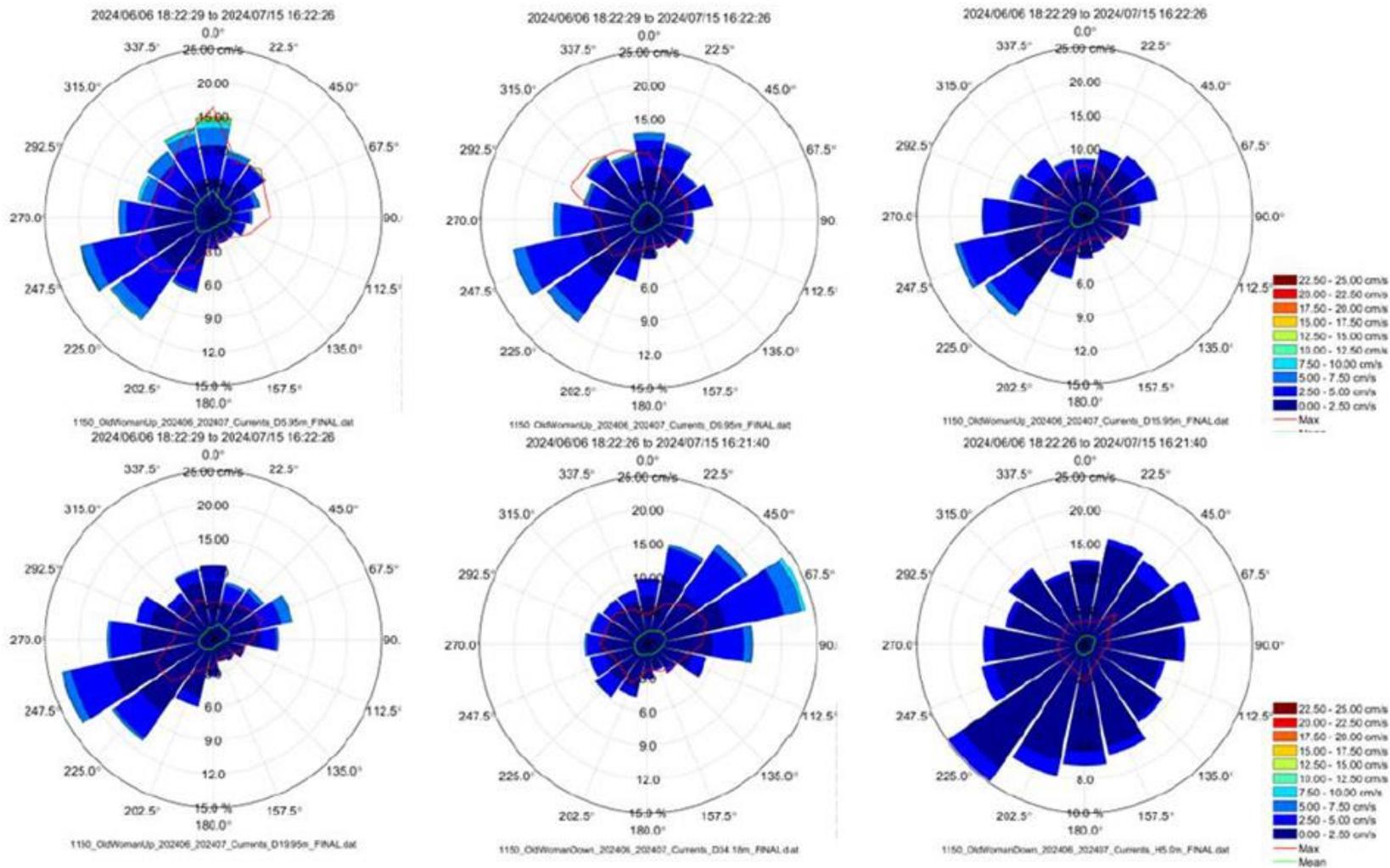


Figure 5.18. Compass rose plots of current speeds (cm/s) at the Old Woman's Cove sea farm (June–July 2024). Current speeds (cm/s) and directions at 5 m, 10 m, 15 m, 20 m, 34 m (mid-depth), and near bottom (5 m height) are shown from left to right, top to bottom in the figure.

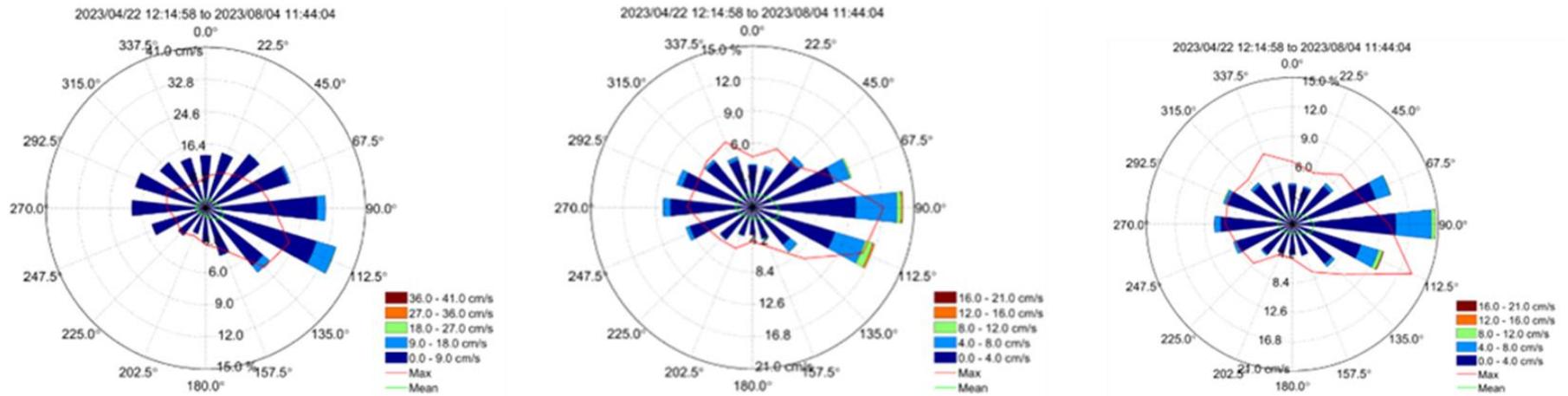


Figure 5.19. Compass rose plots of current speeds (cm/s) at Little Burdock Cove sea farm (April–August 2023). Current speeds (cm/s) and directions are shown at 5 m, 10.7 m, and 14.7 m from left to right in the figure.

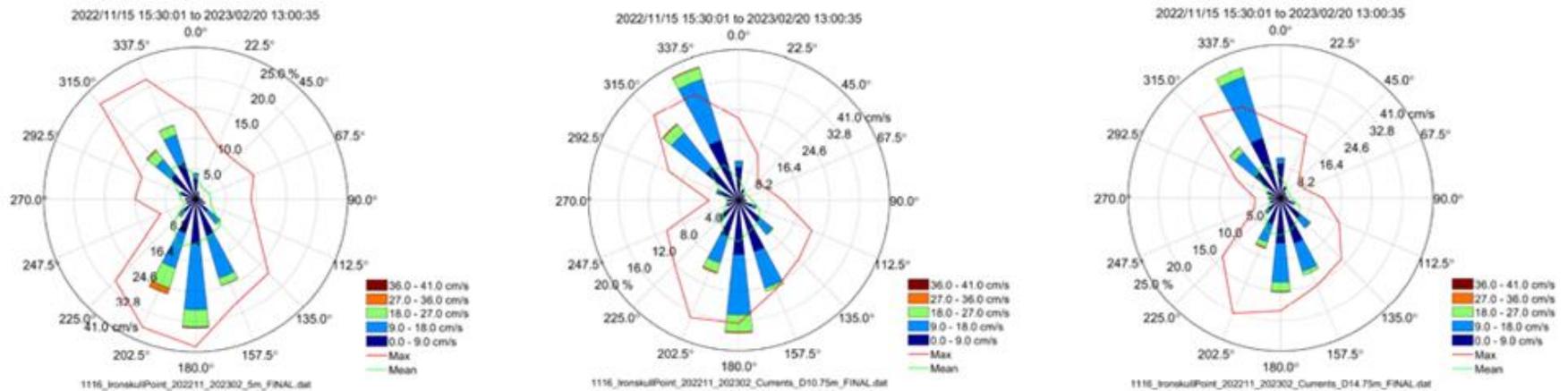


Figure 6.37. Compass rose plots of current speeds (cm/s) at the Ironskull Point sea farm (November 2022–February 2023). Current speeds (cm/s) and directions at 5 m, 10.9 m, and 14.9 m are shown from left to right in the figure.

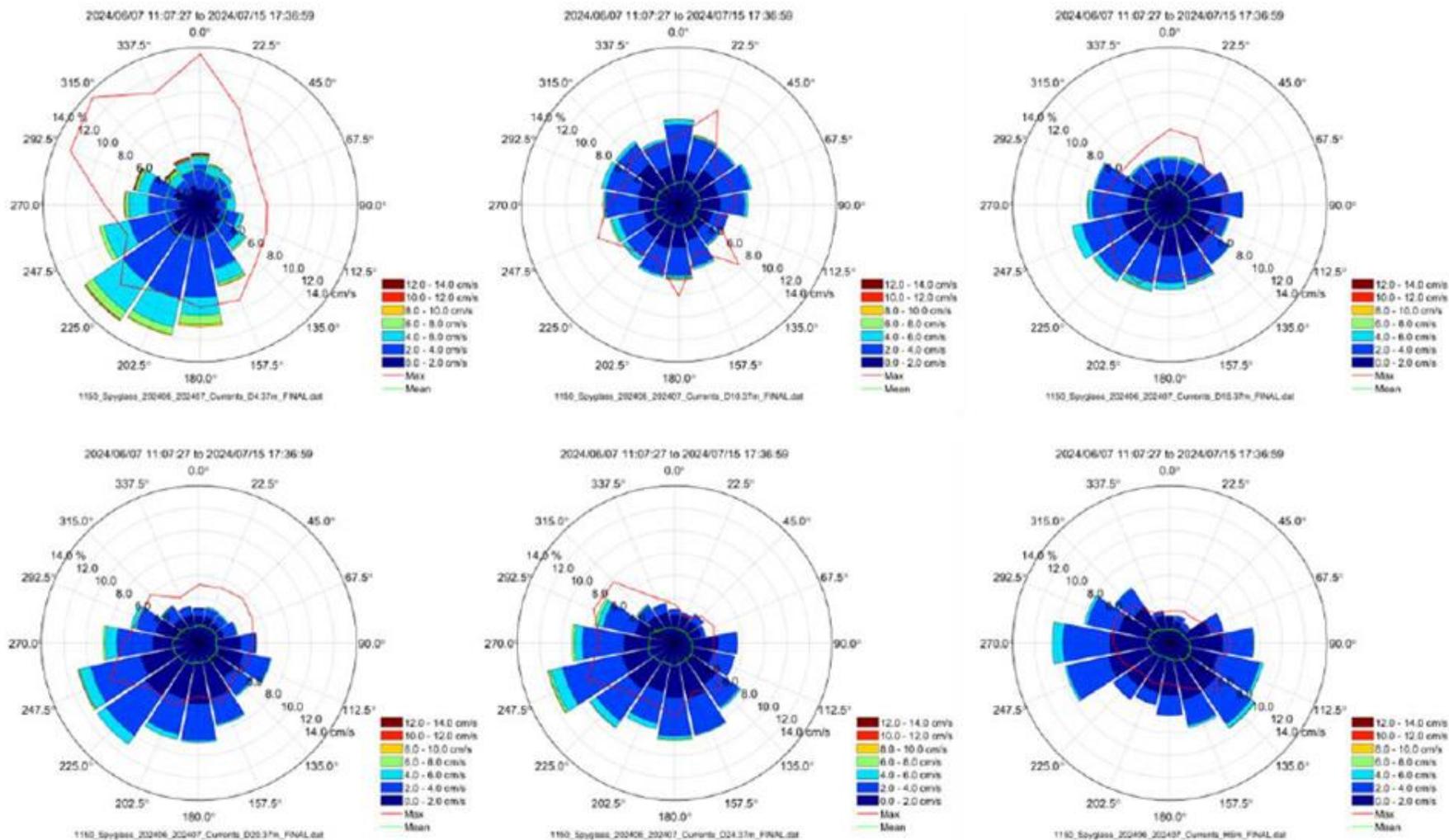


Figure 6.38. Compass rose plots of current speeds (cm/s) at the Spyglass Cove sea farm (June–July 2024). Current speeds (cm/s) and directions at 5 m, 10 m, 15 m, 20 m, 24 m (mid-depth) and near bottom (6 m height) are shown from left to right, top to bottom in the figure.

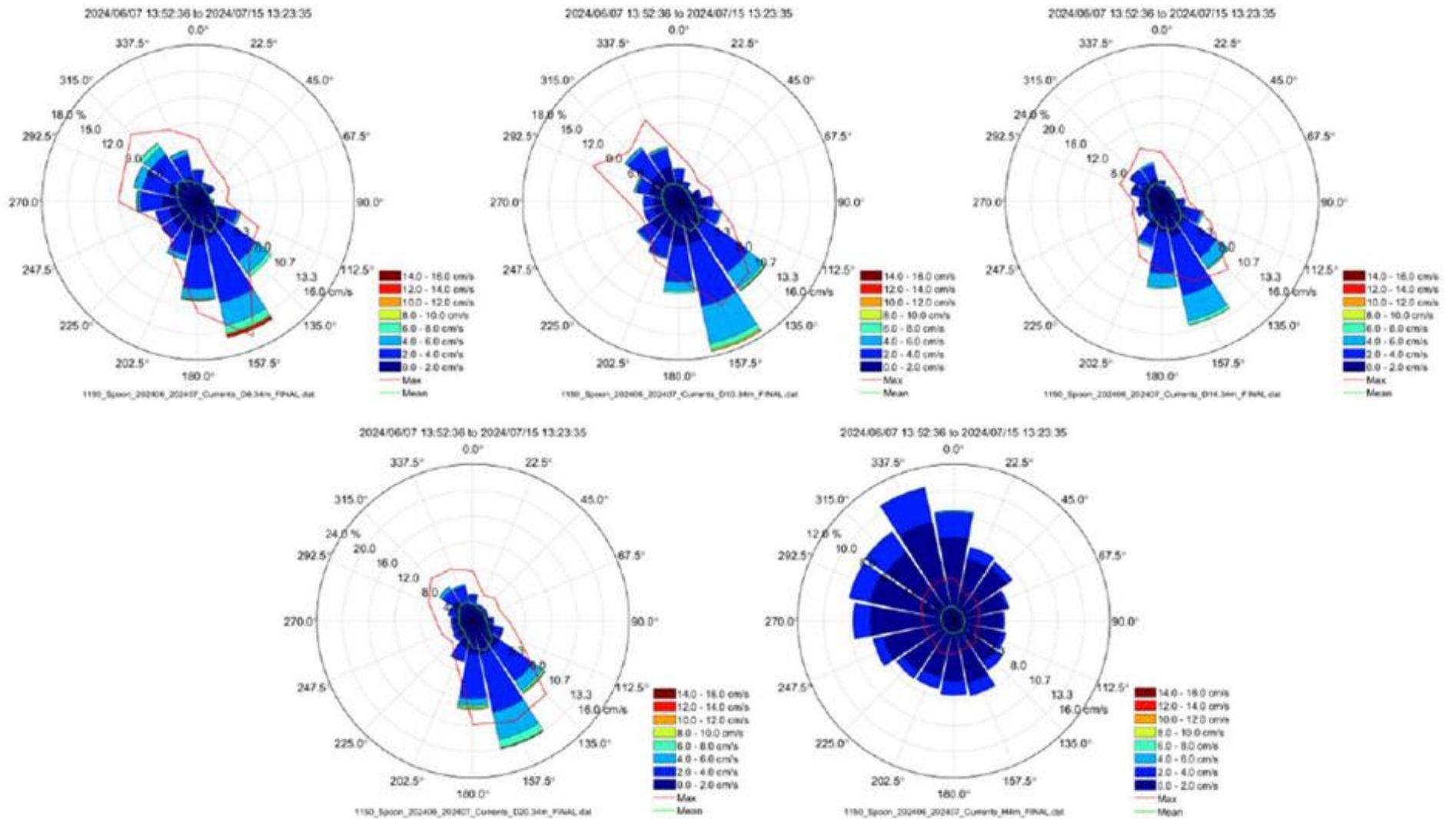


Figure 6.39. Compass rose plots of current speeds (cm/s) at the Spoon Cove sea farm (June–July 2024). Current speeds (cm/s) and directions are shown at 6 m, 10 m, 15 m and 20 m depths and near-bottom (4 m height) from left to right, top to bottom in the figure.

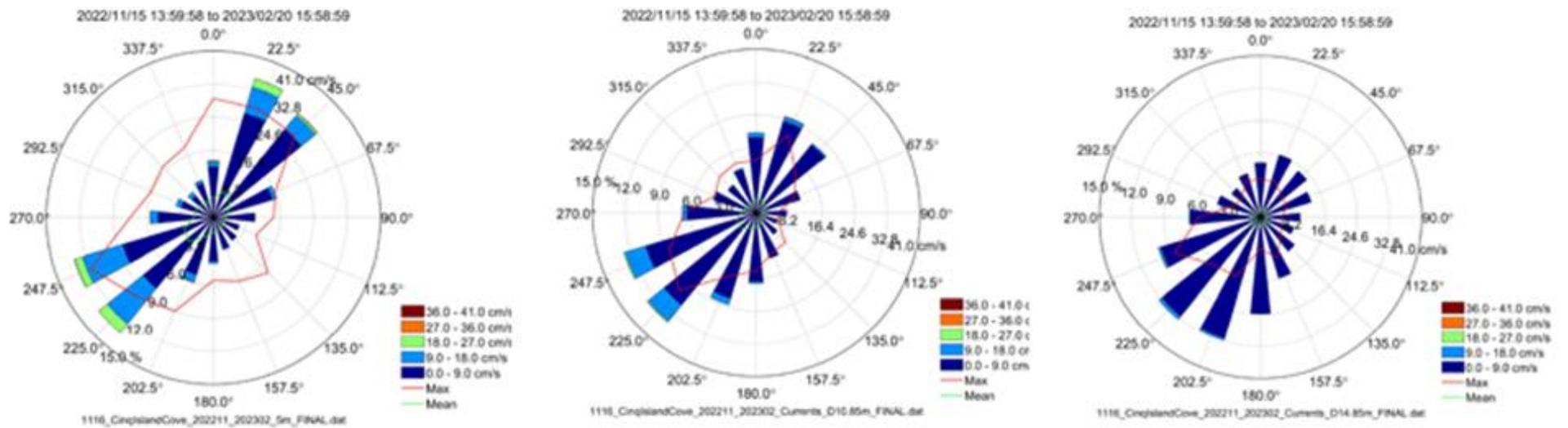


Figure 6.40. Compass rose plots of current speeds (cm/s) at the Cinq Island Cove sea farm (November 2022–February 2023). Current speeds (cm/s) and directions are shown at 5 m, 10 m, and 15 m from left to right in the figure.

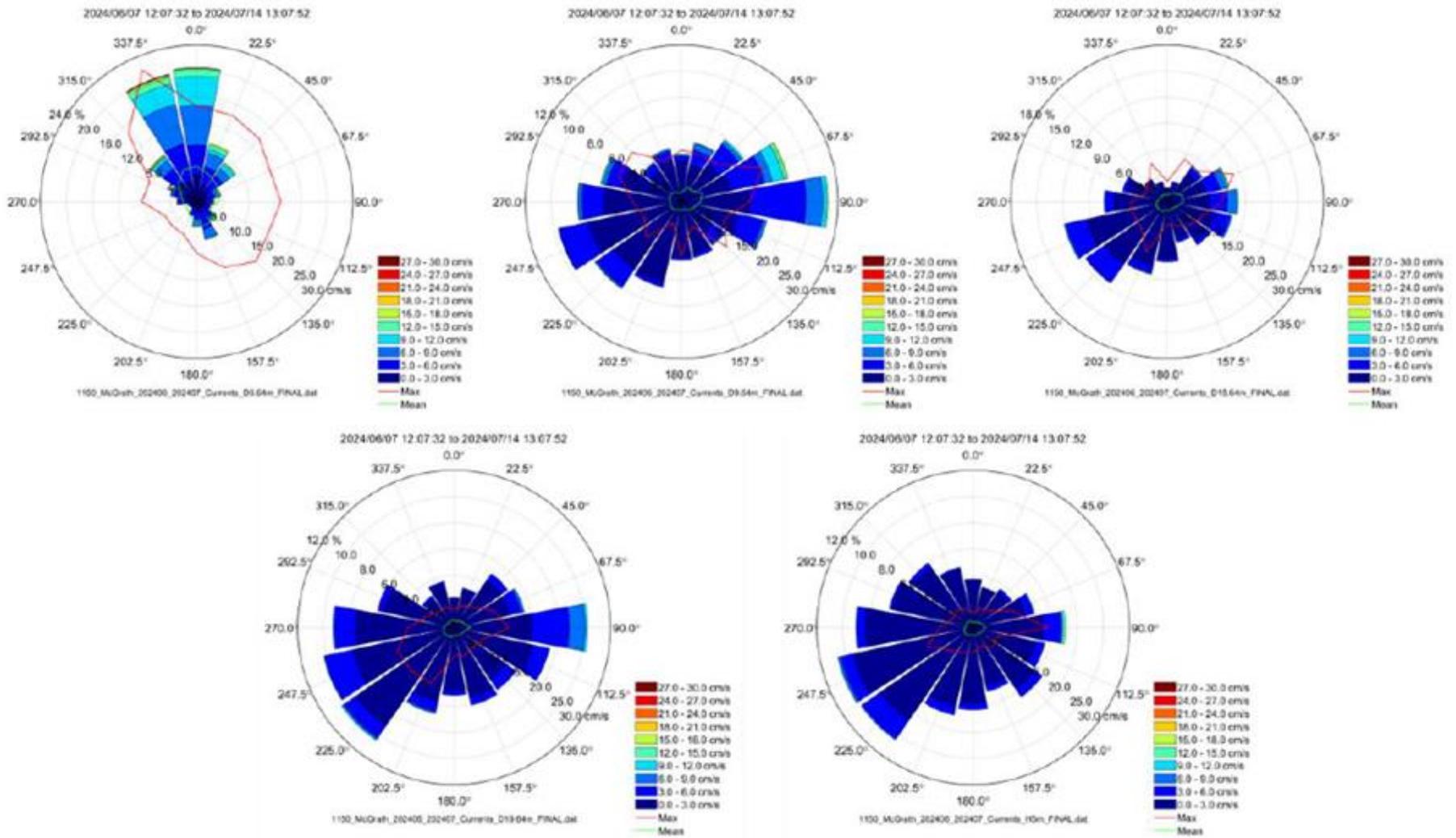


Figure 6.41. Compass rose plots of current speeds (cm/s) at McGraith Cove South sea farm (June–July 2024). Current speeds (cm/s) and directions are shown at 5 m, 10 m, 15 m and 20 m and near bottom from left to right, top to bottom in the figure.

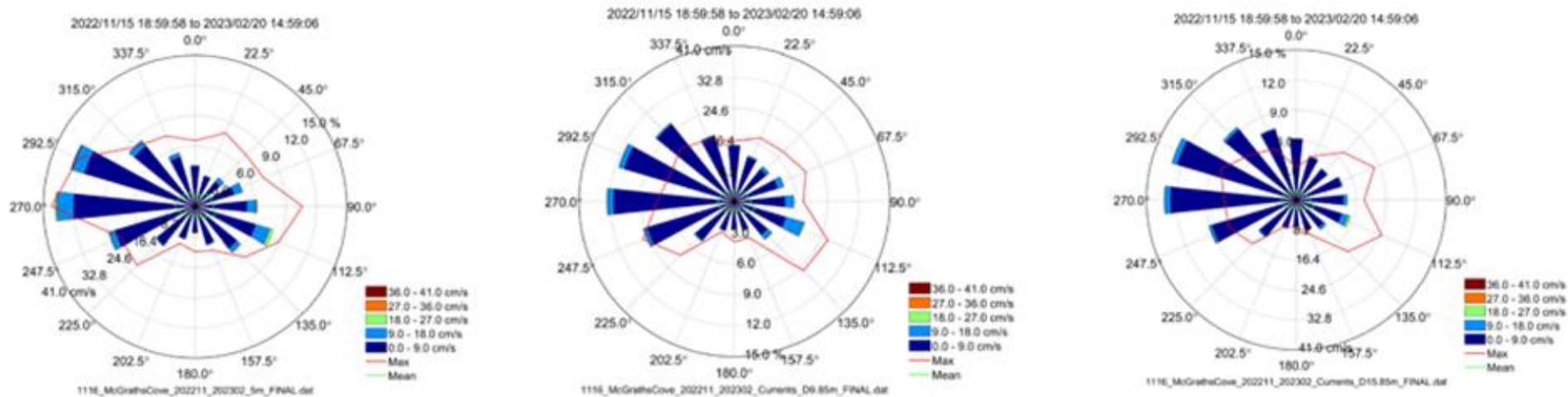


Figure 6.42. Compass rose plots of current speeds (cm/s) at the McGrath Cove North sea farm (November 2022–February 2023). Current speeds (cm/s) and directions at 5 m, 9.9 m and 15.9 m are shown from left to right in the figure.

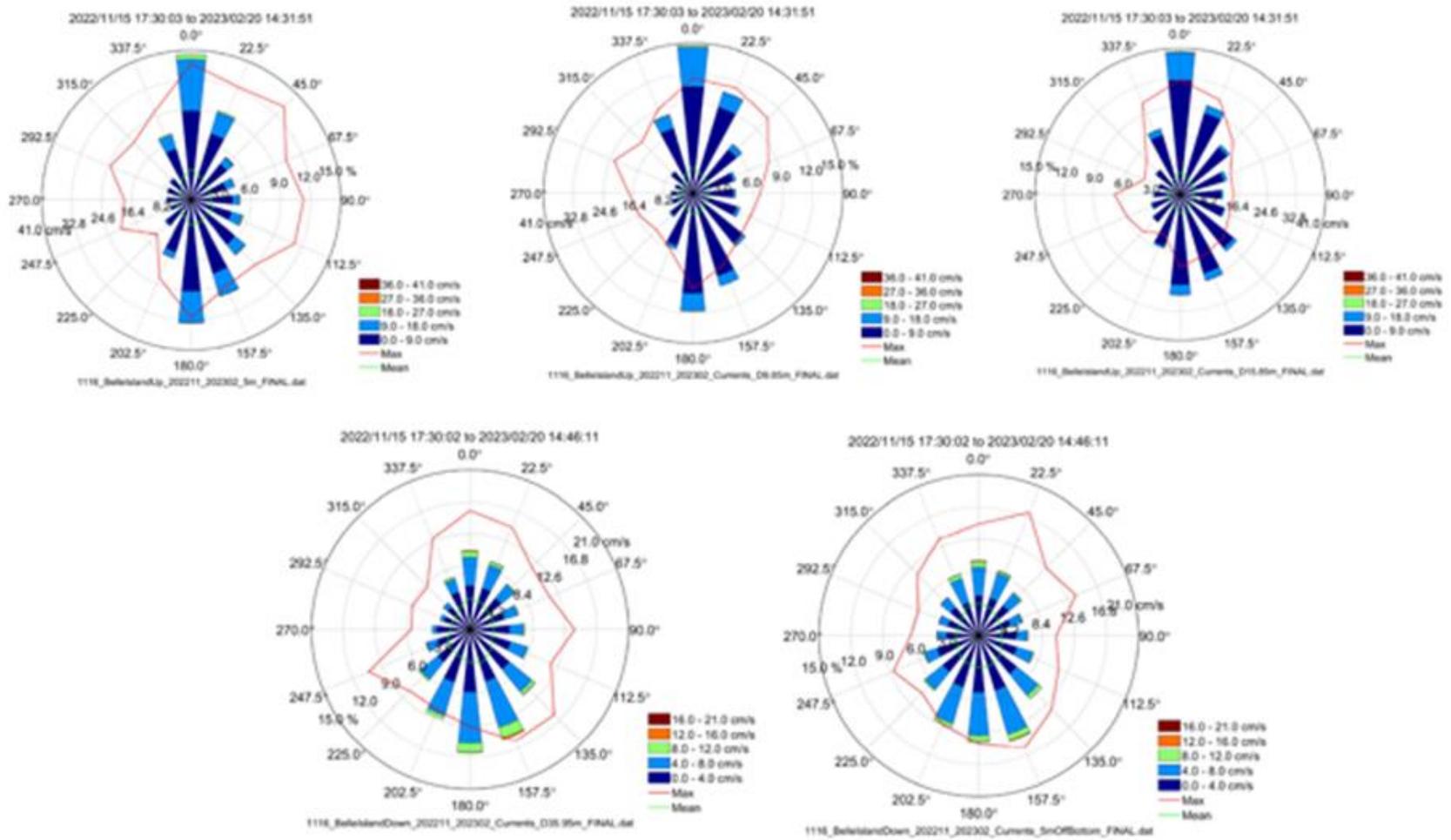


Figure 6.43. Compass rose plots of current speeds (cm/s) at the Belle Island sea farm (November 2022–February 2023). Current speeds (cm/s) and directions at 5 m, 10 m, 15 m, 35 m (mid-depth) and near bottom (9 m height) are shown from left to right, top to bottom in the figure.

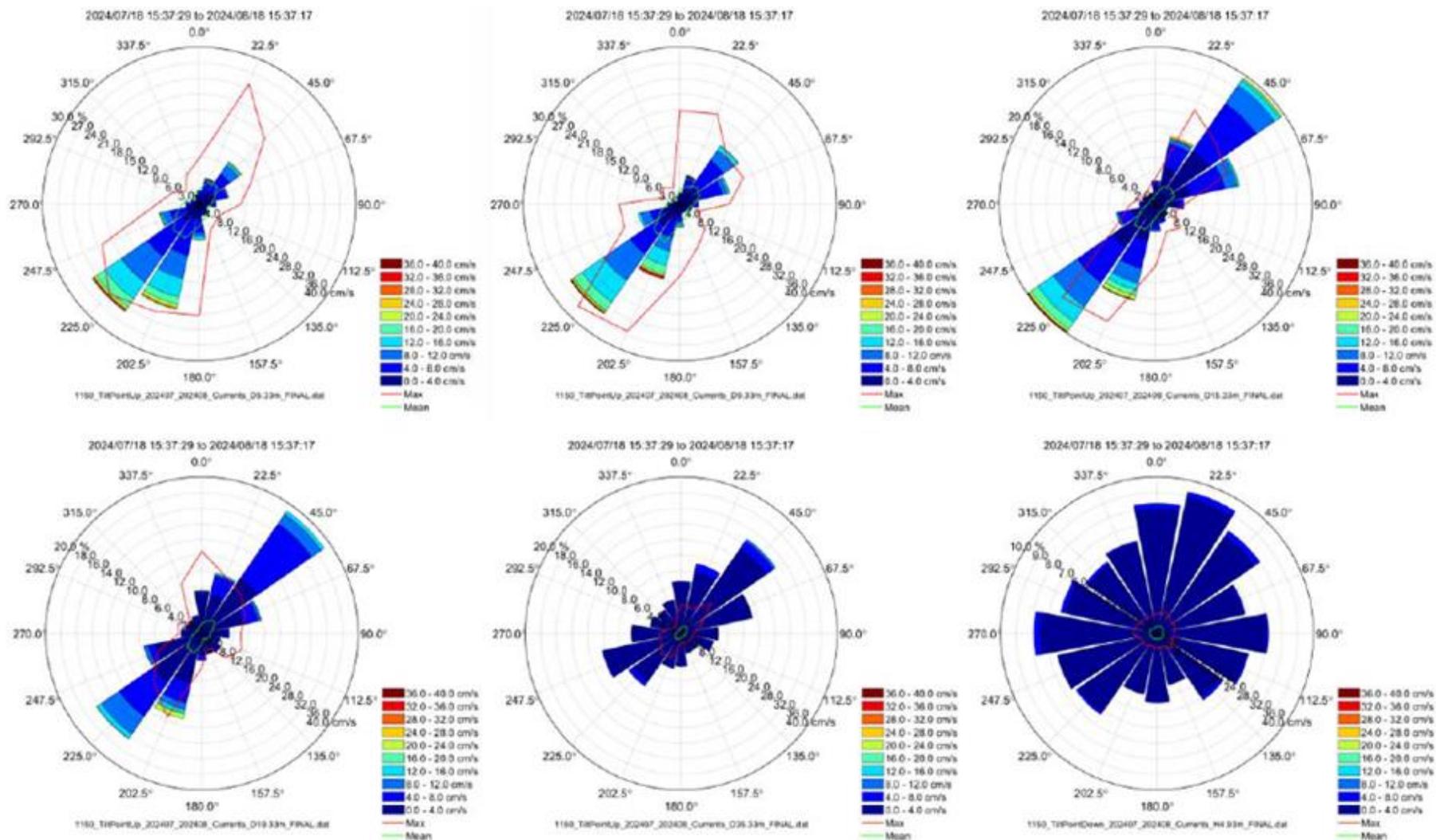


Figure 6.44. Compass rose plots of current speeds (cm/s) at the Tilt Point sea farm (June–August 2024). Current speeds (cm/s) and directions at 5 m, 10 m, 15 m, 20 m, 35 (mid-depth) and near bottom (5 m height) are shown from left to right, top to bottom in the figure.

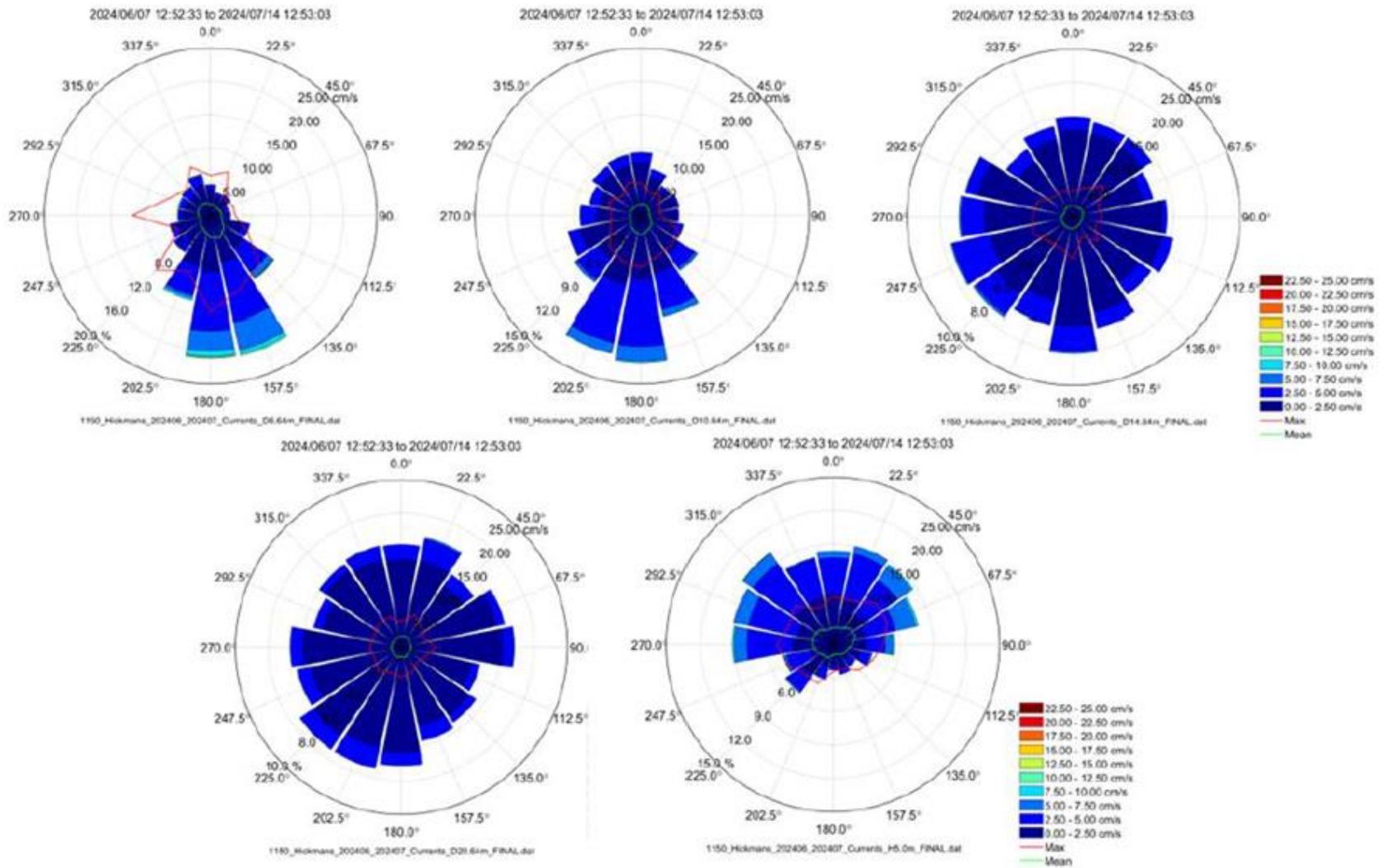


Figure 6.45. Compass rose plots of current speeds (cm/s) at the Hickman's Point sea farm (June–July 2024). Current speeds (cm/s) and directions at 6 m, 10 m, 15 m, 20 m (mid-depth) and near bottom (5 m height) are shown from left to right, top to bottom in the figure.

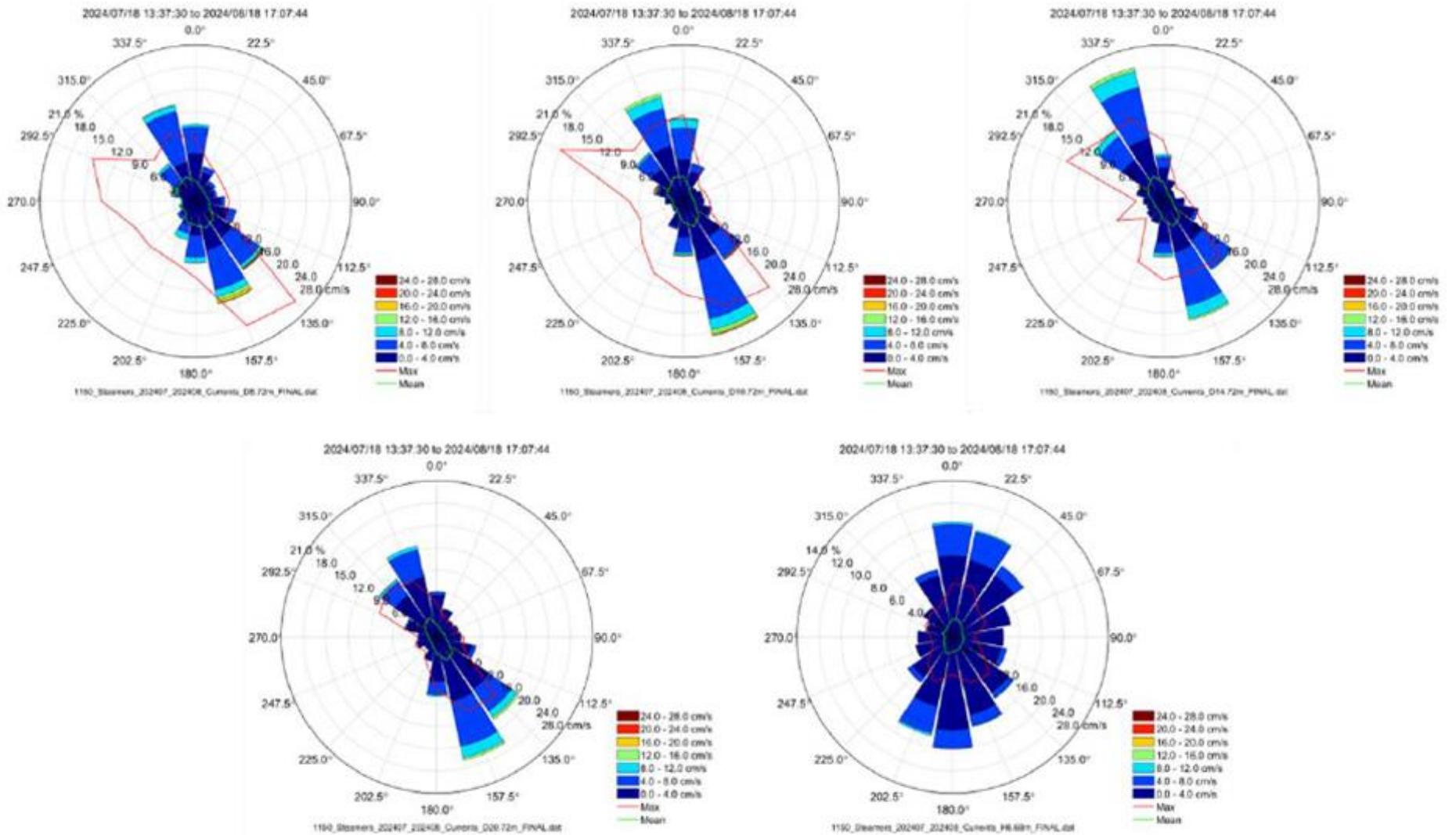


Figure 6.46. Compass rose plots of current speeds (cm/s) at the Steamers Head sea farm (July–August 2024). Current speeds (cm/s) and directions at 8 m, 10 m, 15 m, 20 m (mid-depth) and near bottom (7 m height) are shown from left to right, top to bottom in the figure.

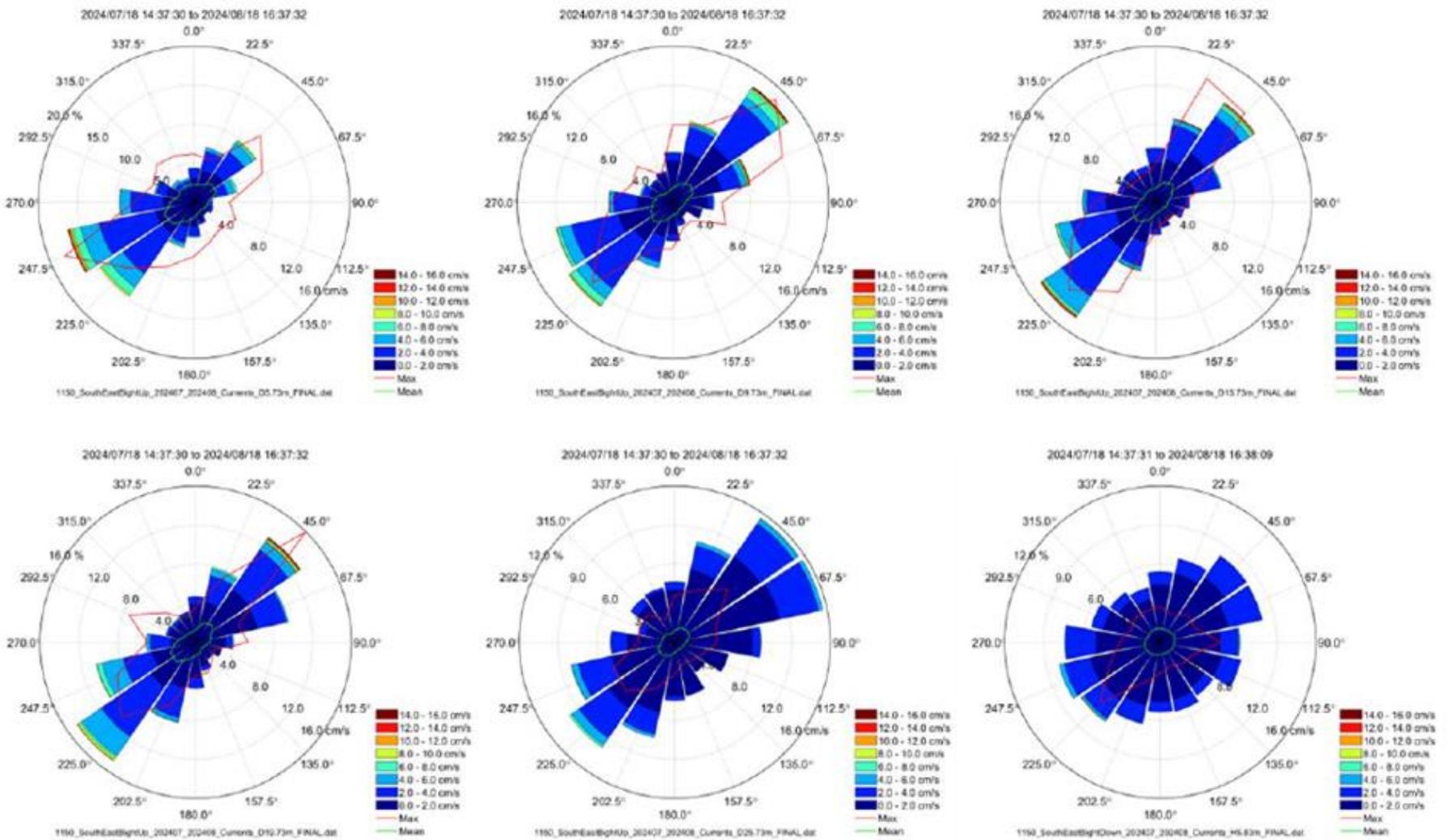


Figure 6.47. Compass rose plots of current speeds (cm/s) at the South East Bight sea farm (July–August 2024). Current speeds (cm/s) and directions at 5 m, 10 m, 15 m, 20 m, 27 m (mid-depth) and near bottom (5 m height) are shown from left to right, top to bottom in the figure.

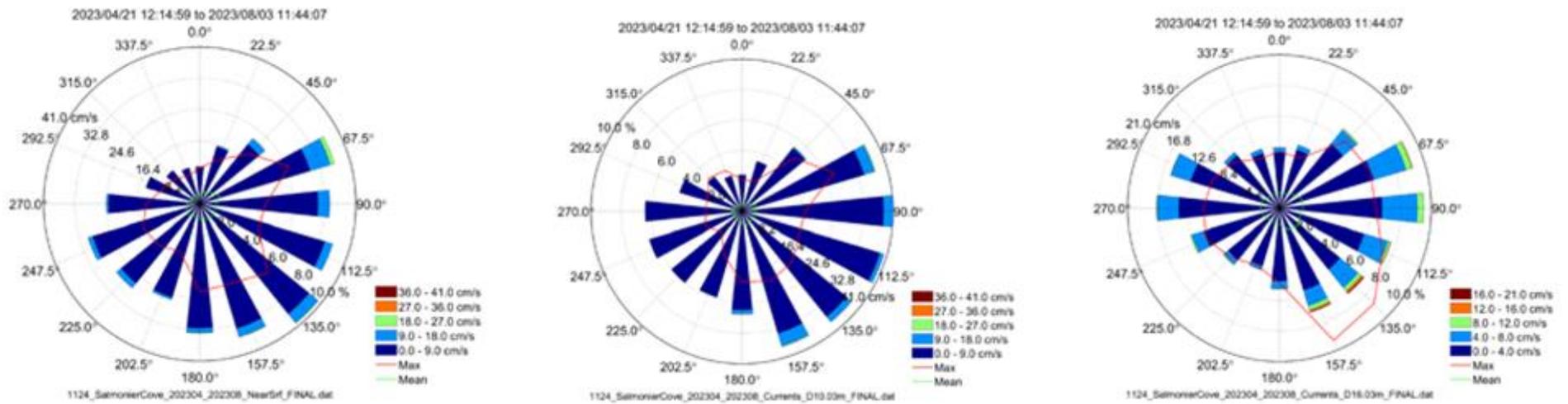


Figure 7.16. Compass rose plots of current speeds (cm/s) at the Salmonier Cove sea farm (April–August 2024). Current speeds (cm/s) and directions at 5 m, 10 m and 15 m are shown from left to right in the figure.

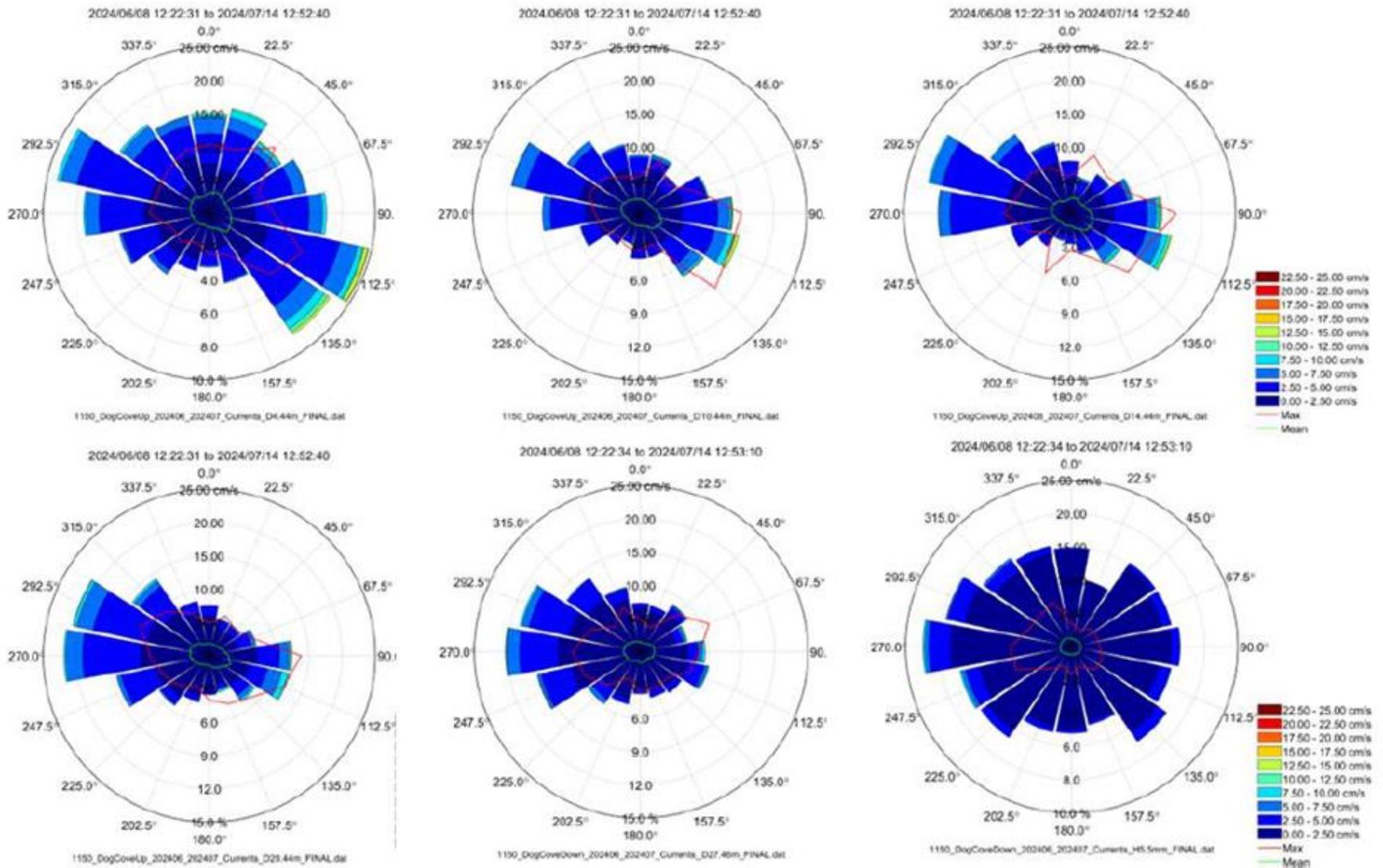
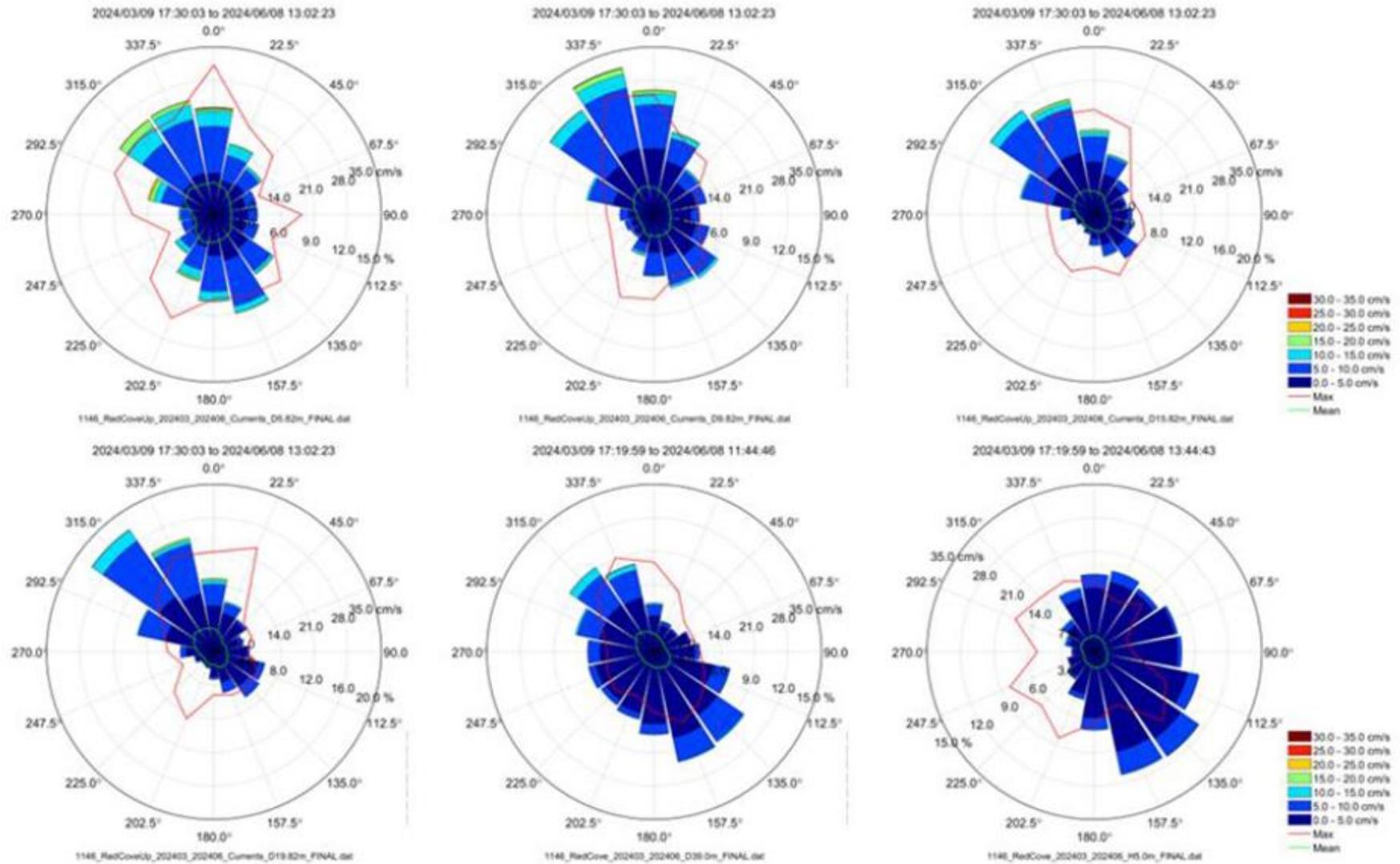


Figure 7.17. Compass rose plots of current speeds (cm/s) at the Dog Cove sea farm (June–July 2024). Current speeds (cm/s) and directions at 5 m, 10 m, 15 m, 27 m (mid-depth), and near bottom (5 m height) are shown from left to right, top to bottom in the figure.



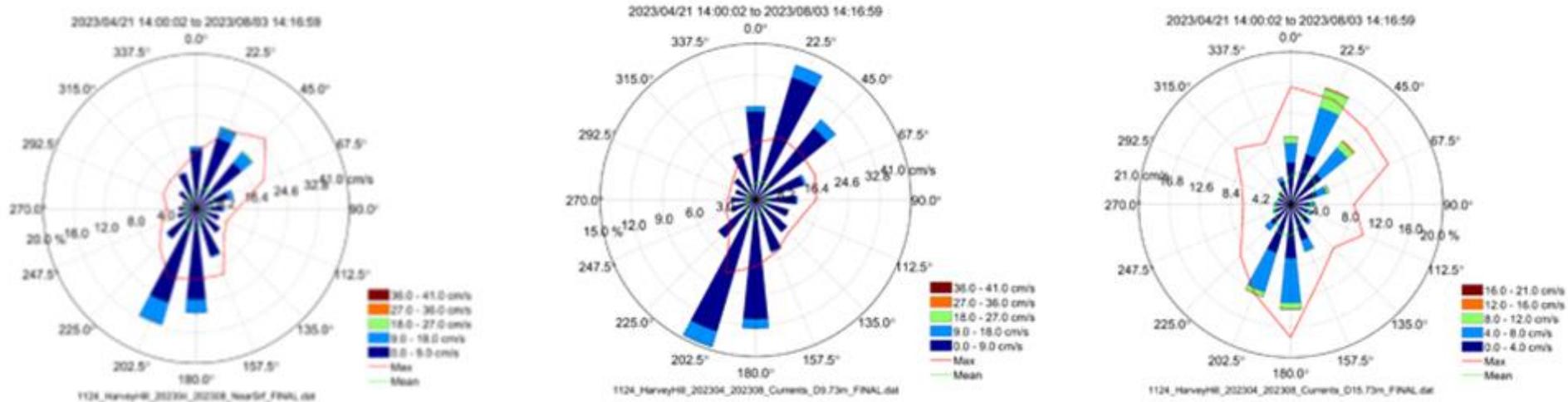


Figure 8.16. Compass rose plots of current speeds (cm/s) at the Harvey Hill East sea farm (April–August 2024). Current speeds (cm/s) and directions at 5 m, 10 m and 15 m are shown from left to right in the figure.

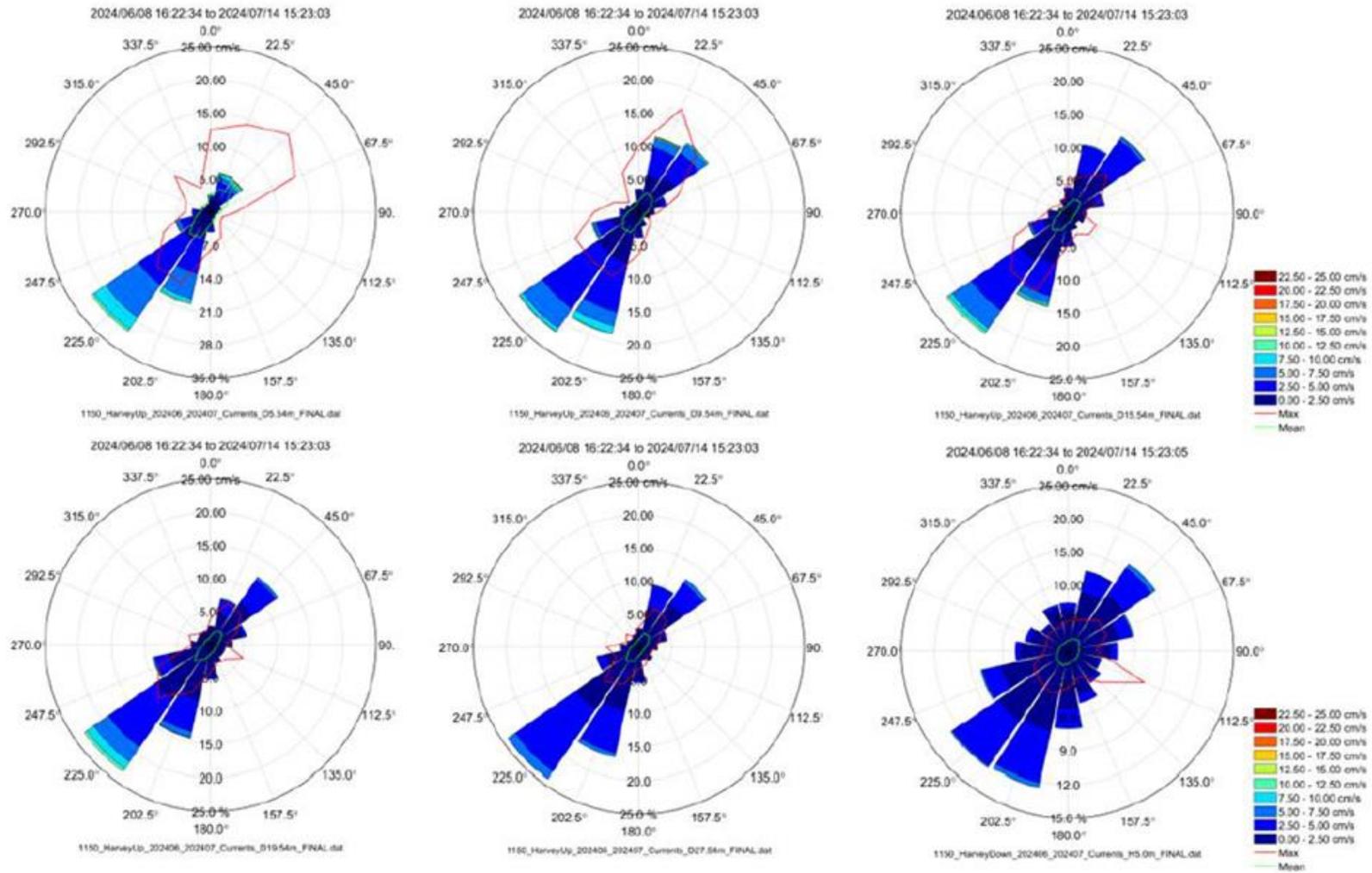


Figure 8.17. Compass rose plots of current speeds (cm/s) at the Harvey Hill North sea farm (June–July 2024). Current speeds (cm/s) and directions at 5 m, 10 m, 15 m, 20 m, 27 m (mid-depth) and near bottom (5 m height) are shown from left to right, top to bottom in the figure.

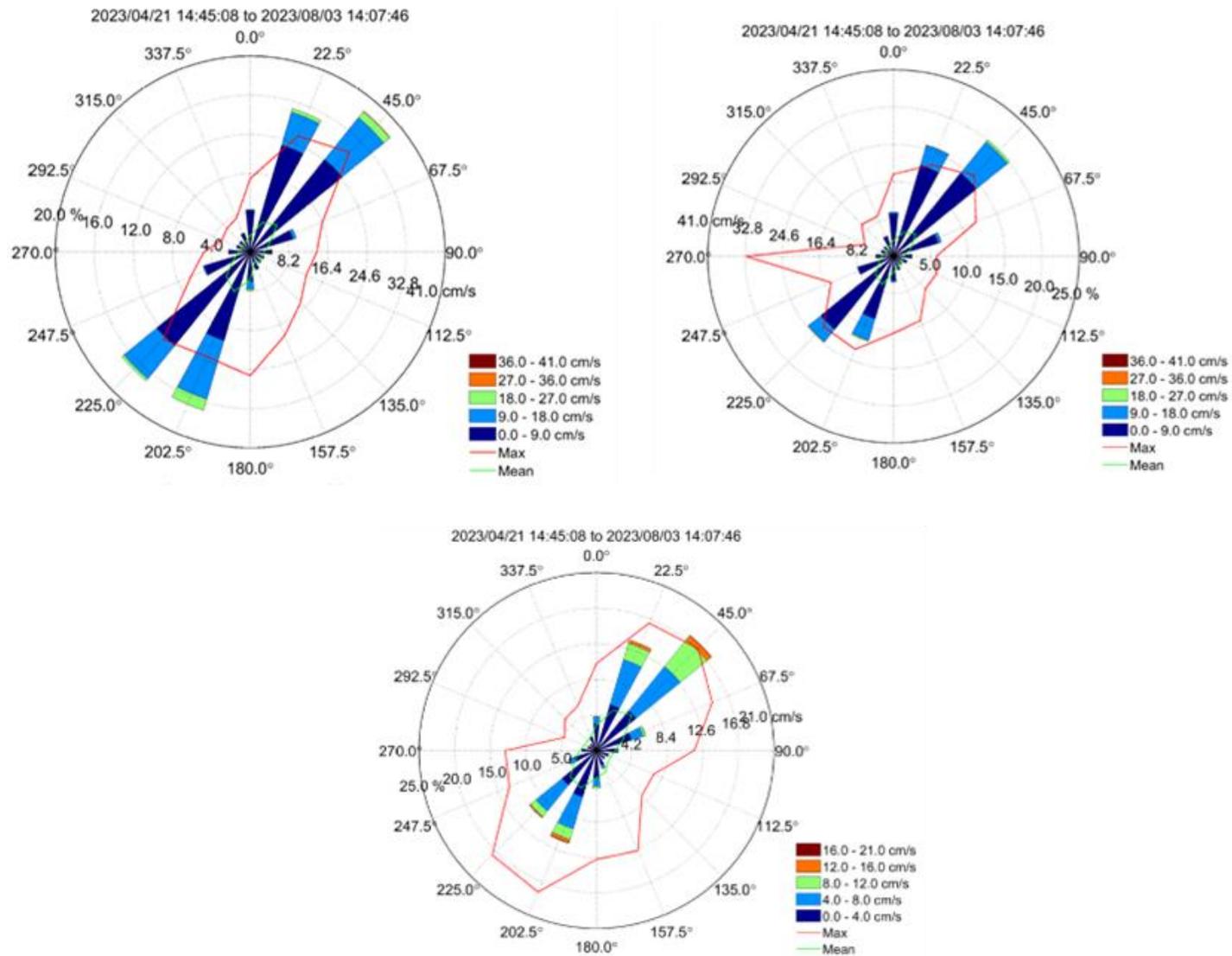


Figure 8.18. Compass rose plots of current speeds (cm/s) at the Broad Cove sea farm (April–August 2024). Current speeds (cm/s) and directions at 5 m, 10 m and 15 are shown from left to right, top to bottom in the figure.

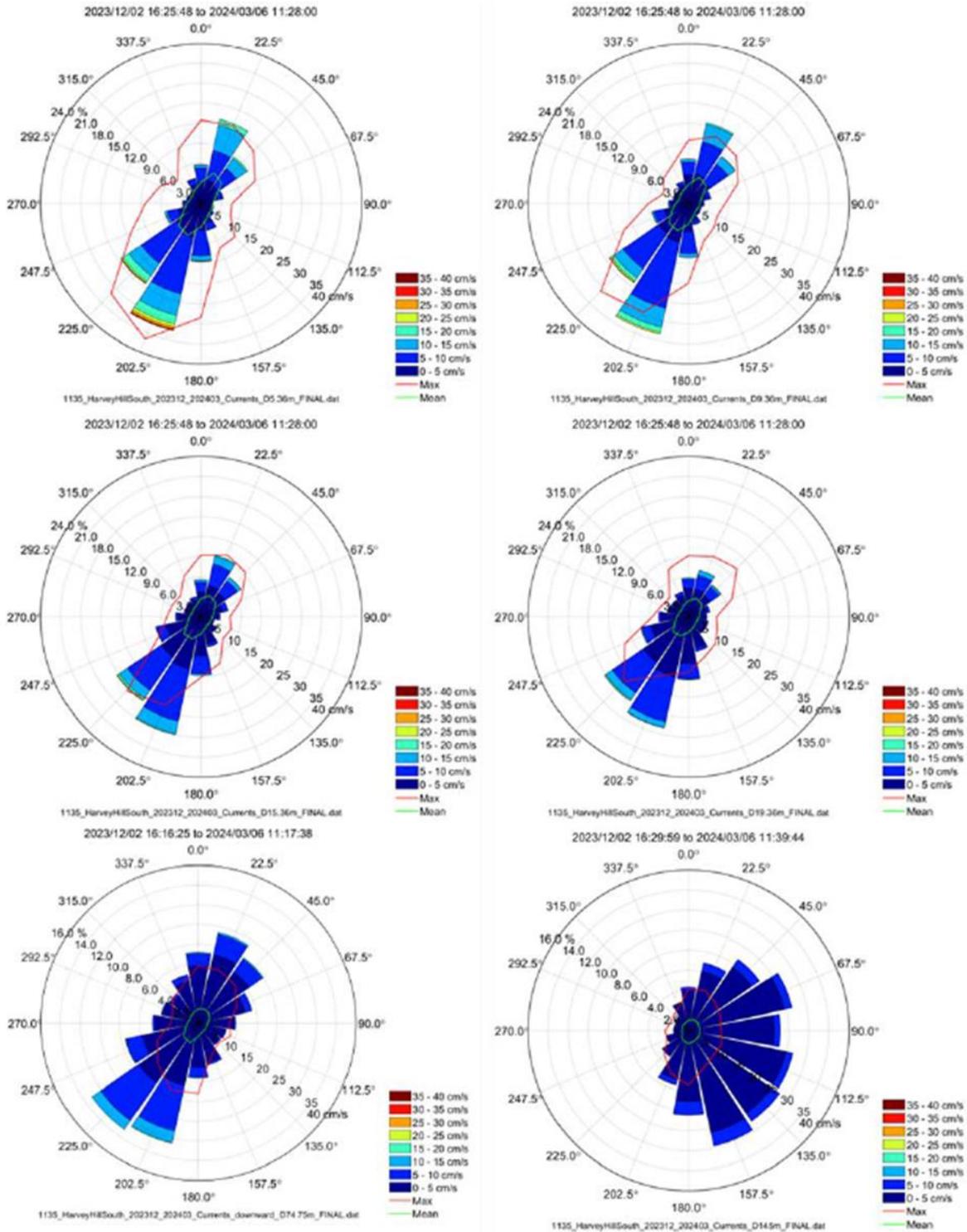


Figure 8.19. Compass rose plots of current speeds (cm/s) at the Harvy Hill South sea farm (December 2023–March 2024). Current speeds (cm/s) and directions at 5 m, 10 m, 15 m, 20 m, 75 m (mid-depth) and near bottom (5 m height) are shown from left to right, top to bottom in the figure.

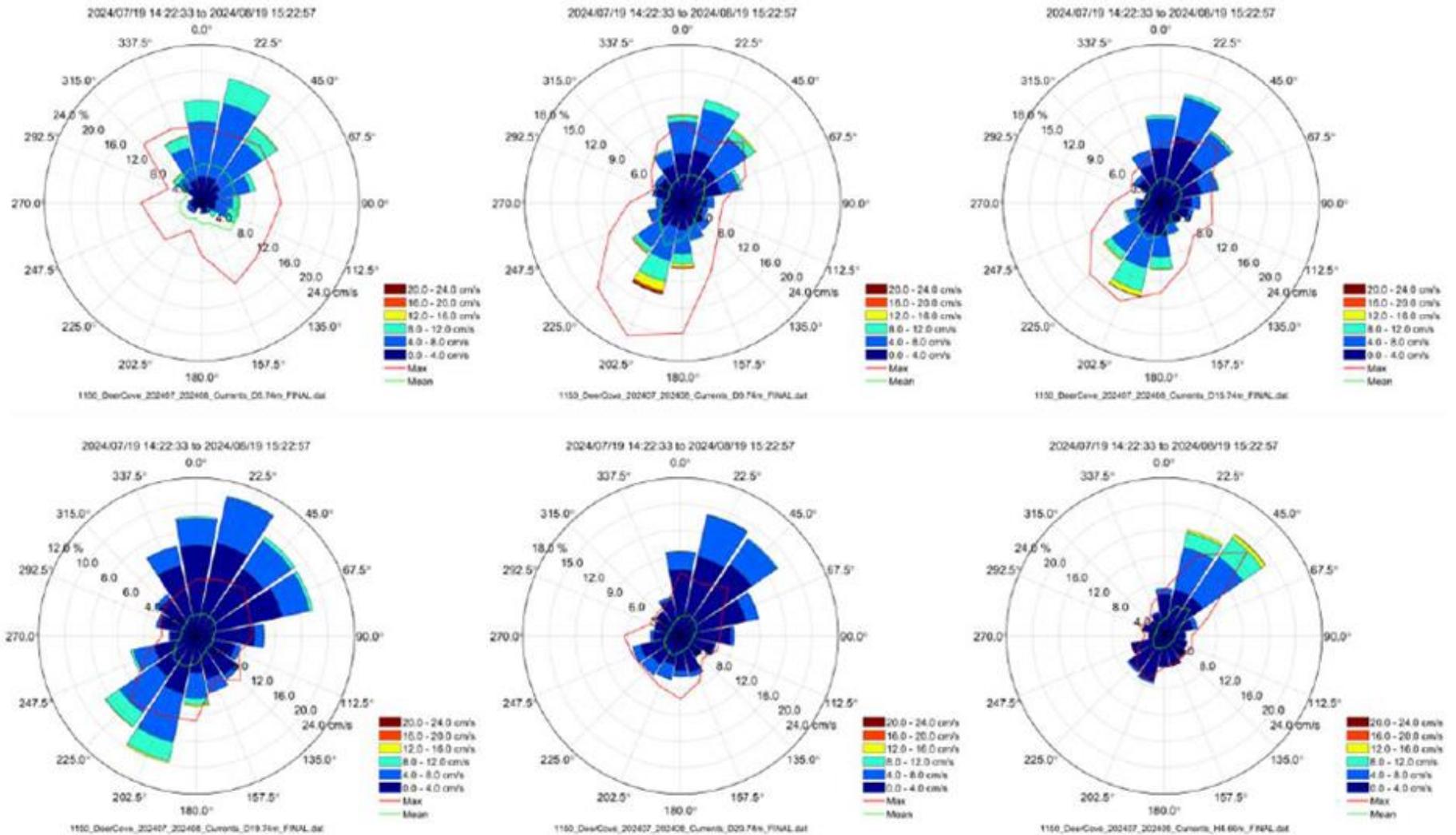


Figure 9.2. Compass rose plots of current speeds (cm/s) at the Deer Cove sea farm (July–August 2024). Current speeds (cm/s) and directions at 5 m, 10 m, 15 m, 20 m, 29 m (mid-depth), and near-bottom (5 m height) are shown from left to right, top to bottom in the figure.

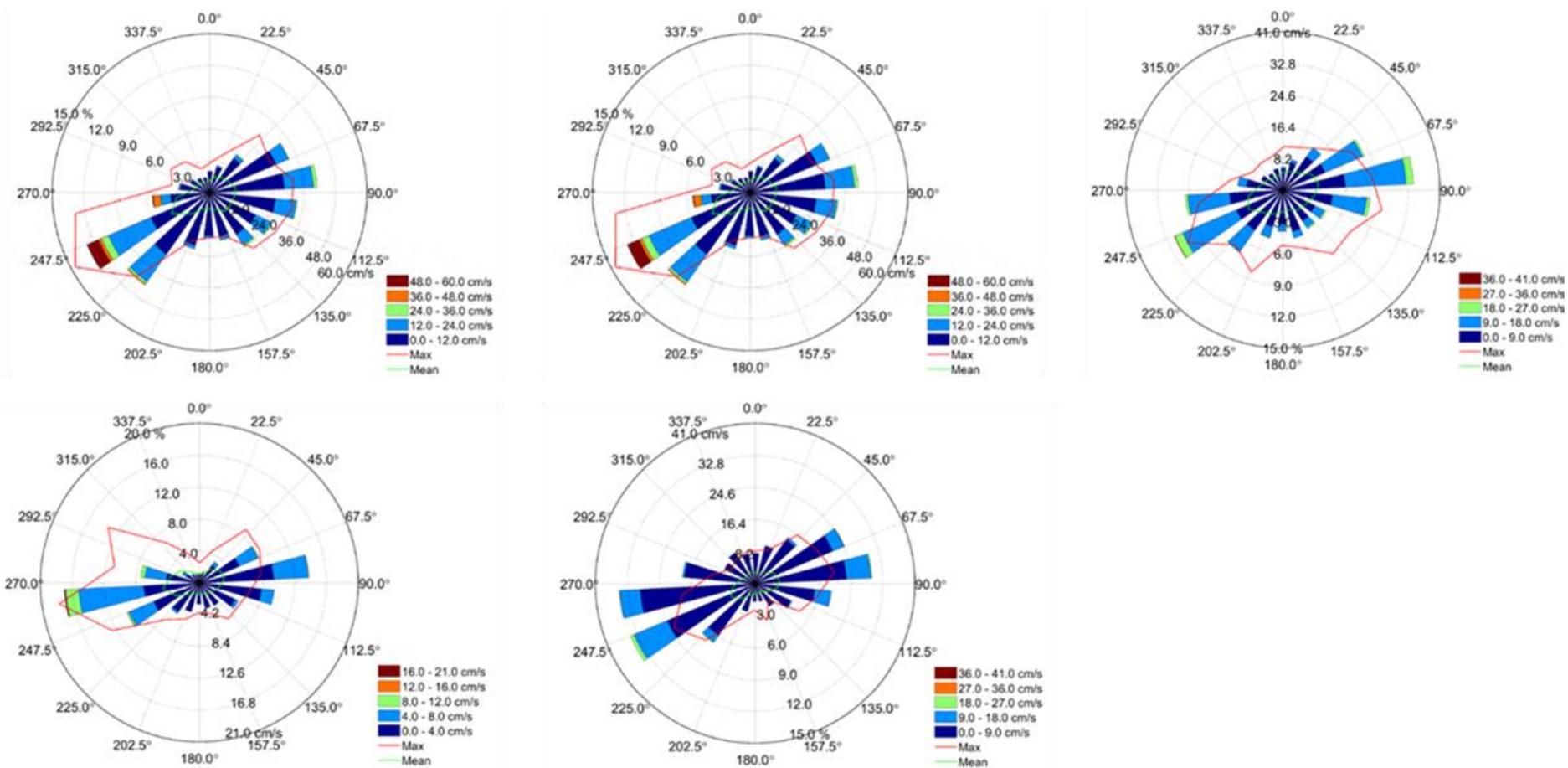


Figure 10.14. Compass rose plots of current speeds (cm/s) at the Butter Cove sea farm (August–September 2017). Current speeds (cm/s) and directions at 5.3 m, 9.3 m, 15.3 m, 33.3 m, and 57.8 m are shown from left to right, top to bottom in the figure.

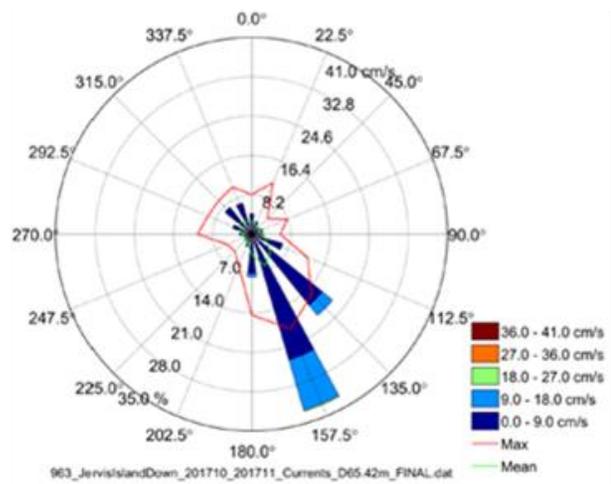
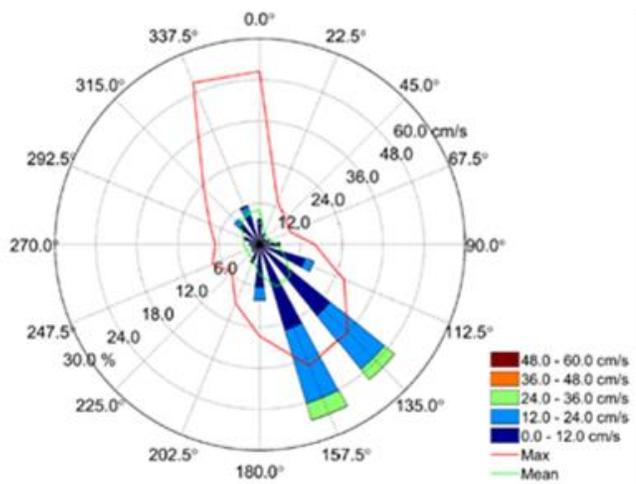
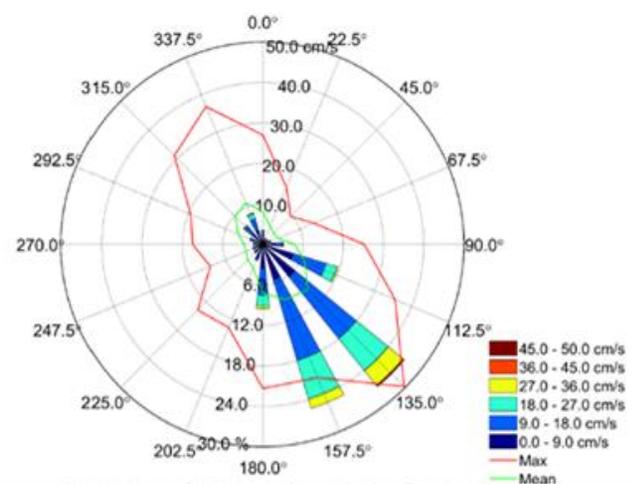
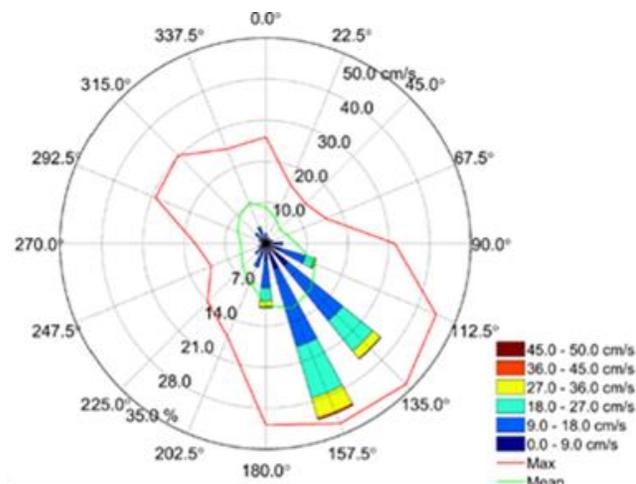
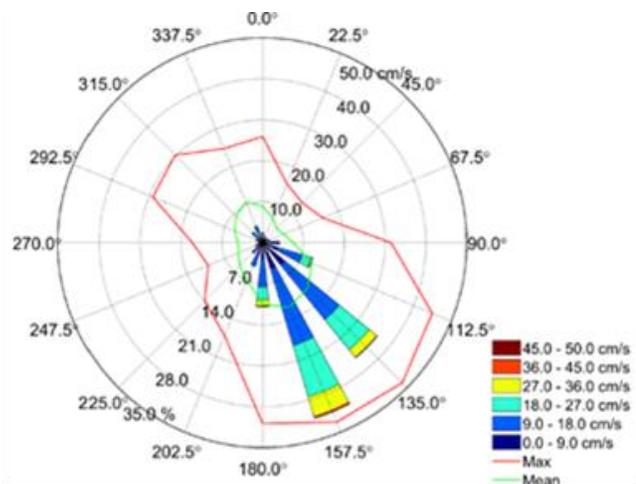


Figure 10.15. Compass rose plots of current speeds (cm/s) at the Jervis Island sea farm (October–November 2017). Current speeds (cm/s) and directions at 5.5 m, 9.5 m, 15.5 m, 35.5 m, and 65.4 m are shown from left to right, and top to bottom in the figure.

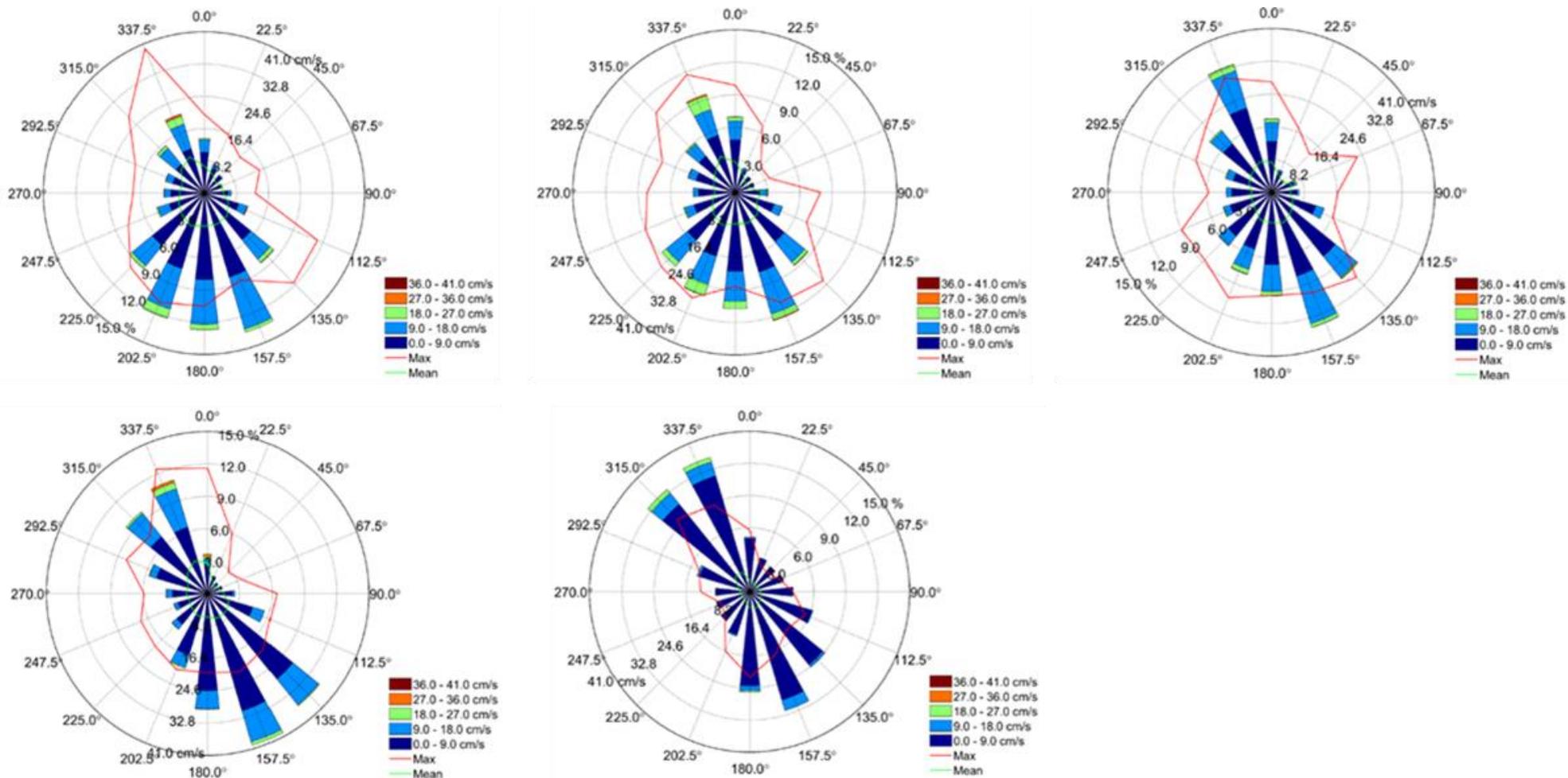


Figure 10.16. Compass rose plots of current speeds (cm/s) at the Pass My Can sea farm (October–November 2017). Current speeds (cm/s) and directions at 5.3, 9.3 m, 15.3 m, 23.7 m and 43.7 m are shown from left to right, top to bottom in the figure.

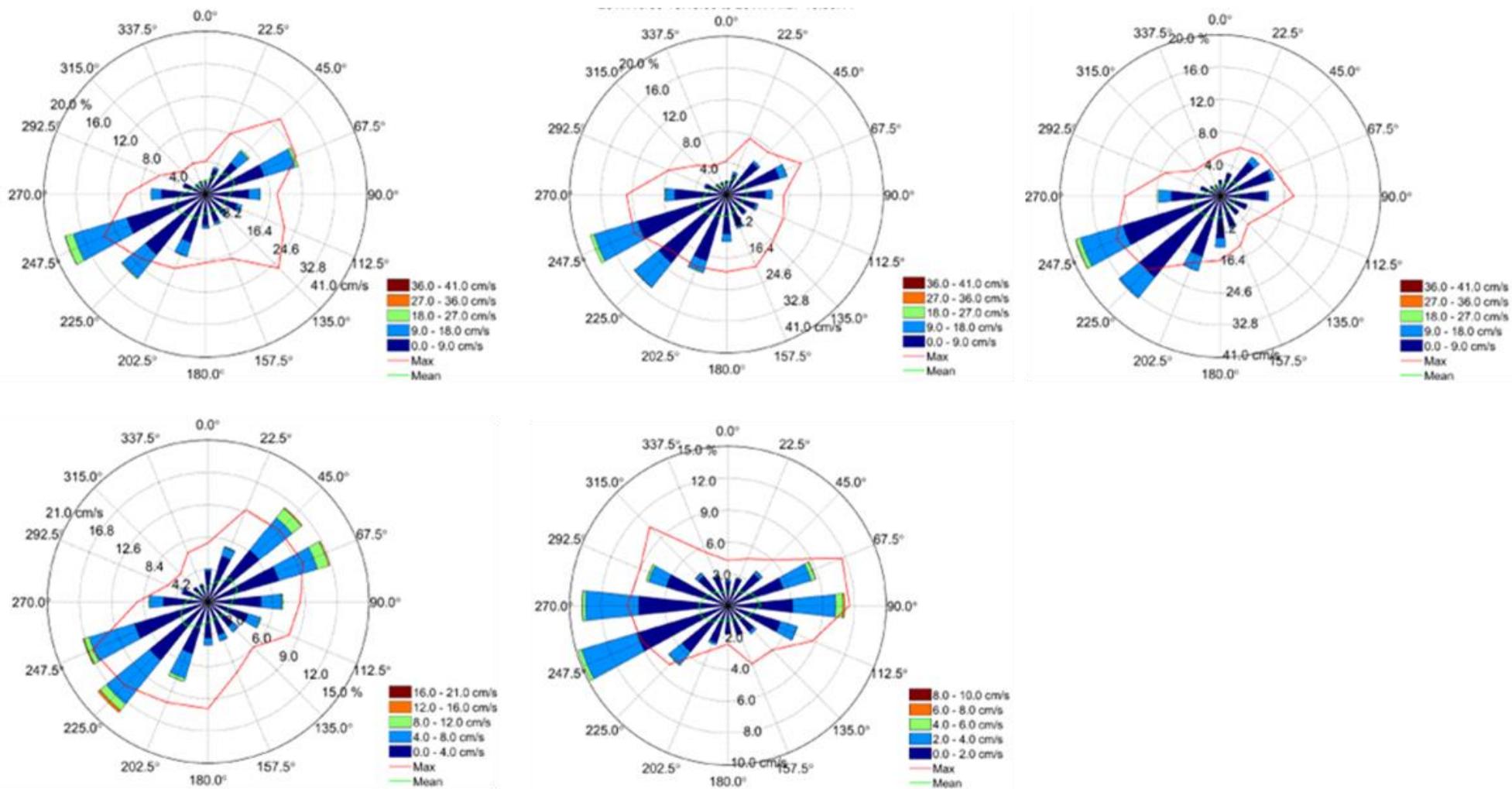


Figure 10.17. Compass rose plots of current speeds (cm/s) at the Goblin Bay sea farm (October–November 2017). Current speeds (cm/s) and directions at 4.5 m, 10.5 m, 14.5 m, 52.6 m and 99 m from left to right, top to bottom in the figure.

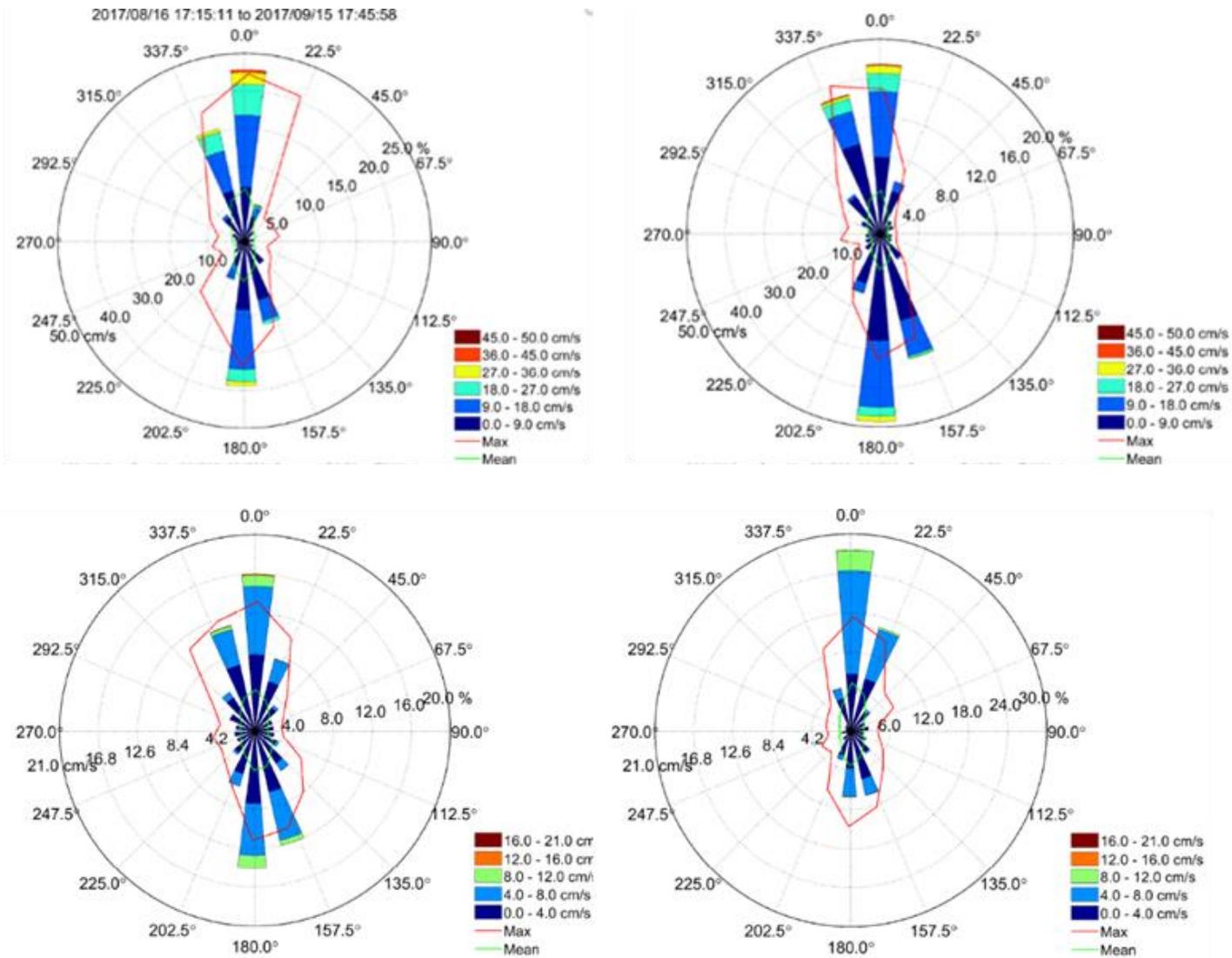


Figure 11.16. Compass rose plots of current speeds (cm/s) at the Wallace Cove sea farm (August–September 2017). Current speeds (cm/s) and directions at 5.7 m, 9.7 m, 15.7 m, 119 m (mid-depth) and 338 m (near bottom) are shown from left to right, top to bottom in the figure.

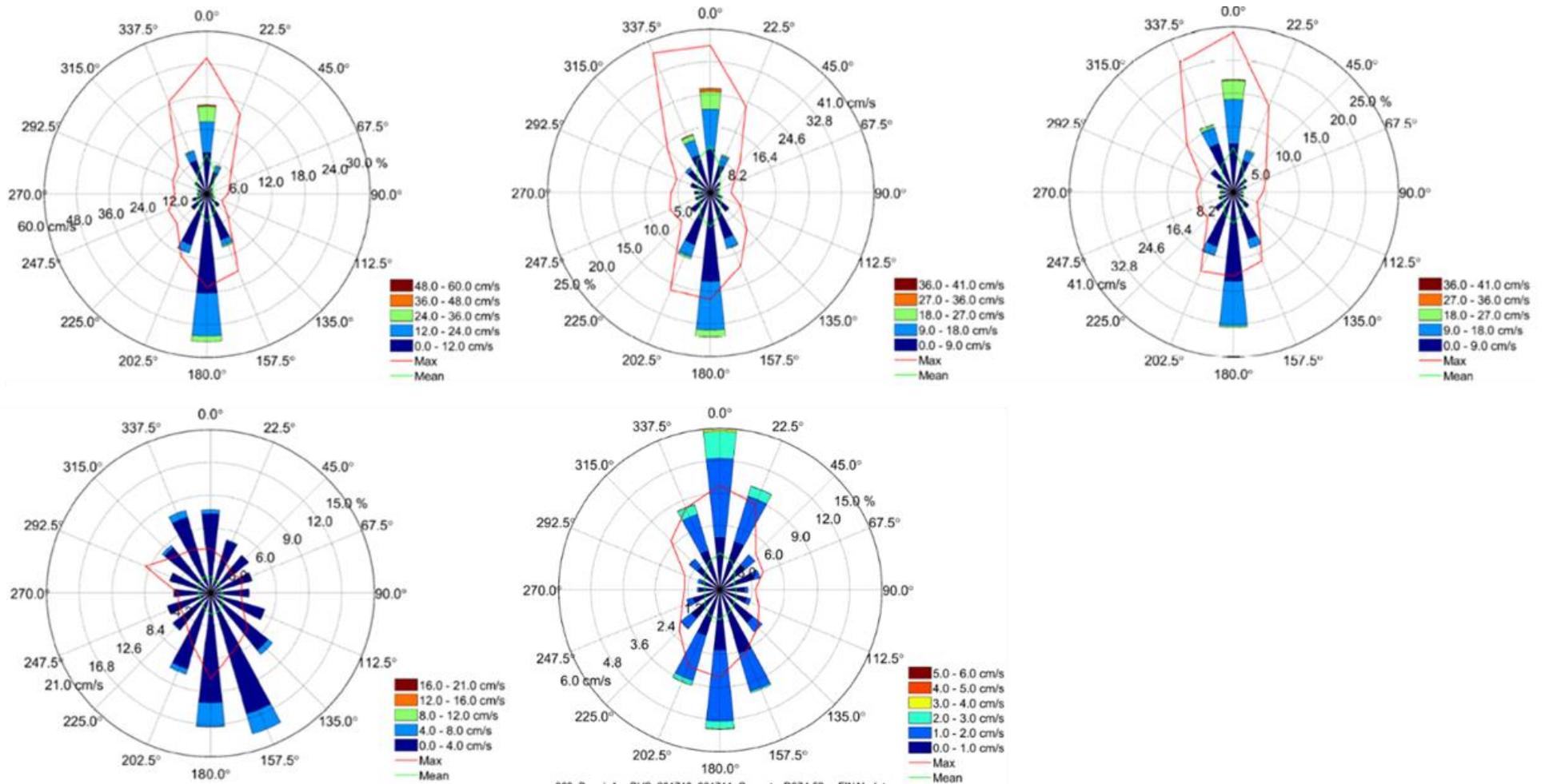


Figure 11.17. Compass rose plots of current speeds (cm/s) at the Dennis Arm sea farm (October–November 2017). Current speeds (cm/s) and directions at 6.74 m, 10.7 m, 14.7 m, 189.3 m, and 375.0 m (near bottom) are shown from left to right, top to bottom in the figure.

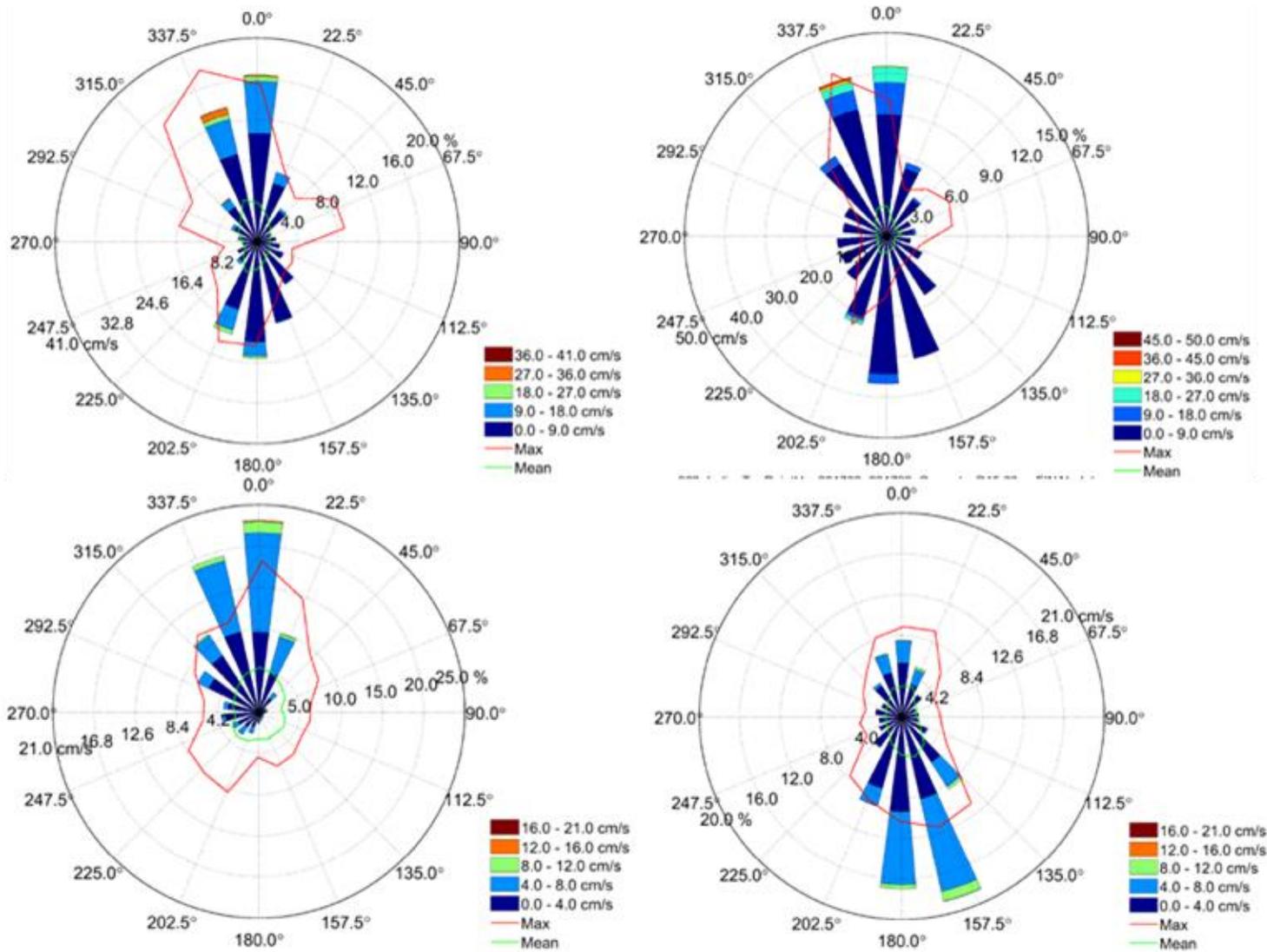


Figure 11.18. Compass rose plots of current speeds (cm/s) at the Indian Tea Point sea farm (August–September 2017). Current speeds (cm/s) and directions at 9.1 m, 15.1 m, 124.0 m, and 243.2 (near bottom) are shown from left to right, top to bottom in the figure.

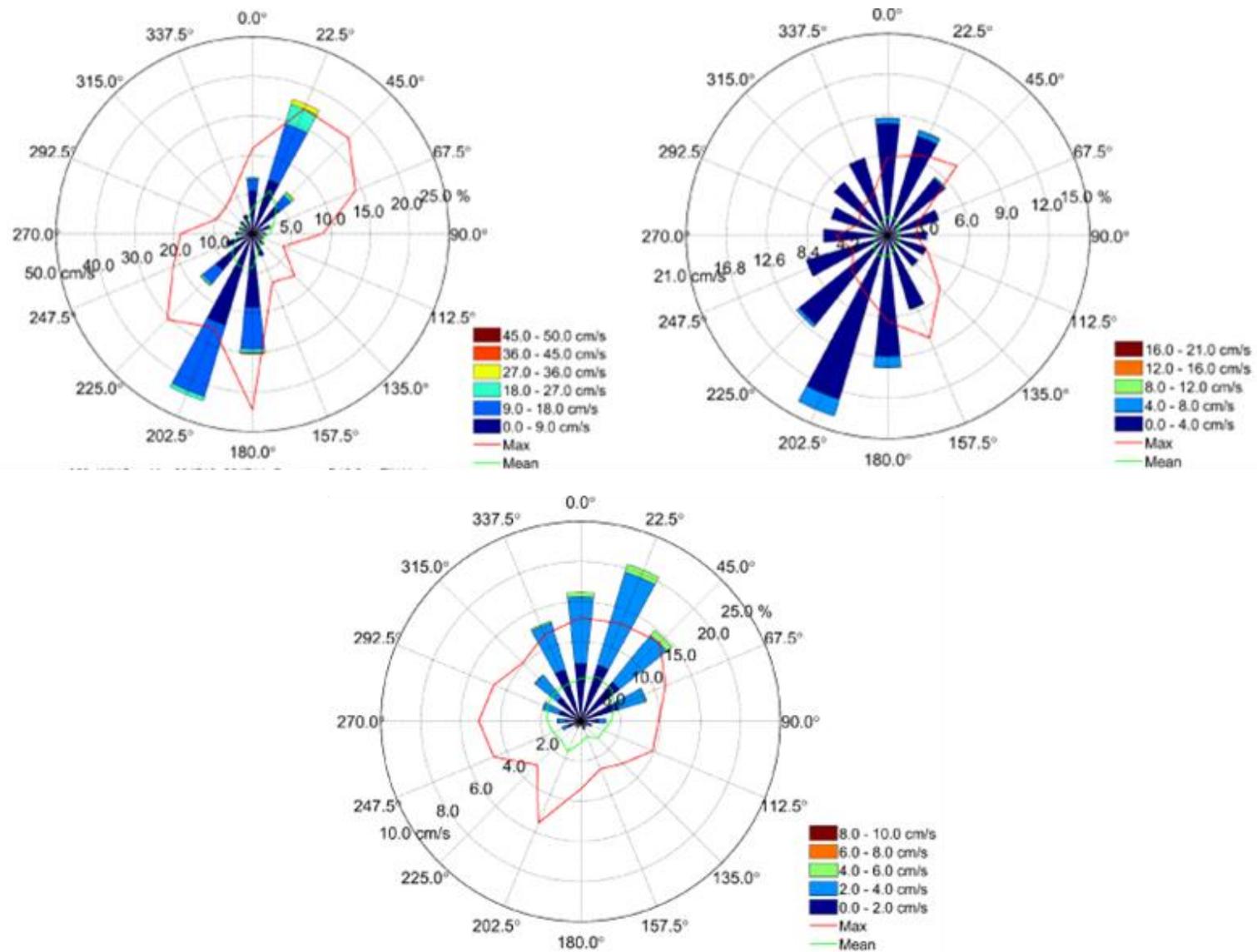


Figure 11.19. Compass rose plots of current speeds (cm/s) at the Wild Cove sea farm (October–November 2017). Current speeds (cm/s) and directions at 13.3 m, 194 m and 385 m (near bottom) are shown from left to right, top to bottom in the figure.

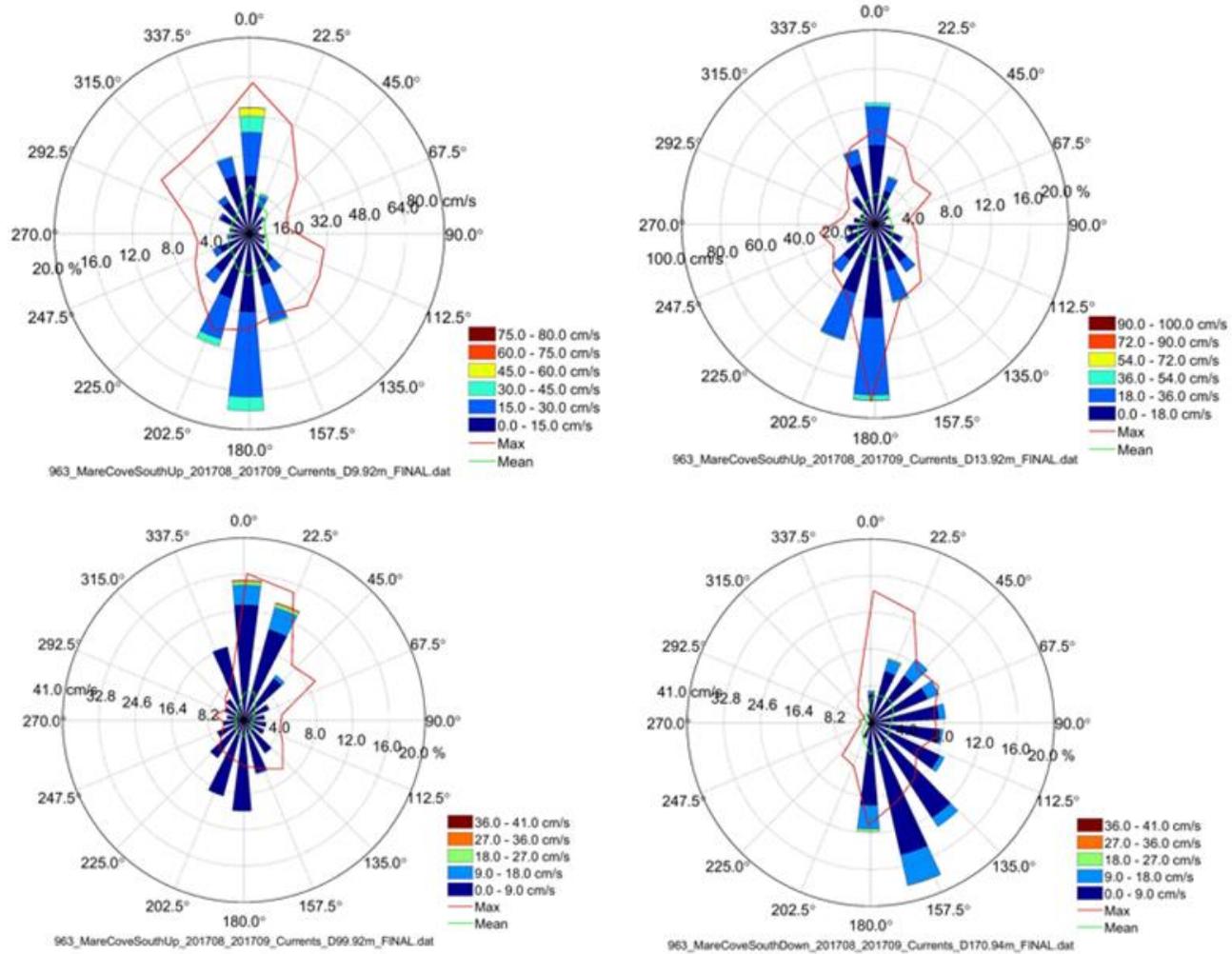


Figure 12.8. Compass rose plots of current speeds (cm/s) at the Mare Cove South sea farm (August–September 2017). Current speeds (cm/s) and directions at 9.9 m, 13.9 m, 99.9 m, and 170.9 m are shown from left to right, top to bottom in the figure.

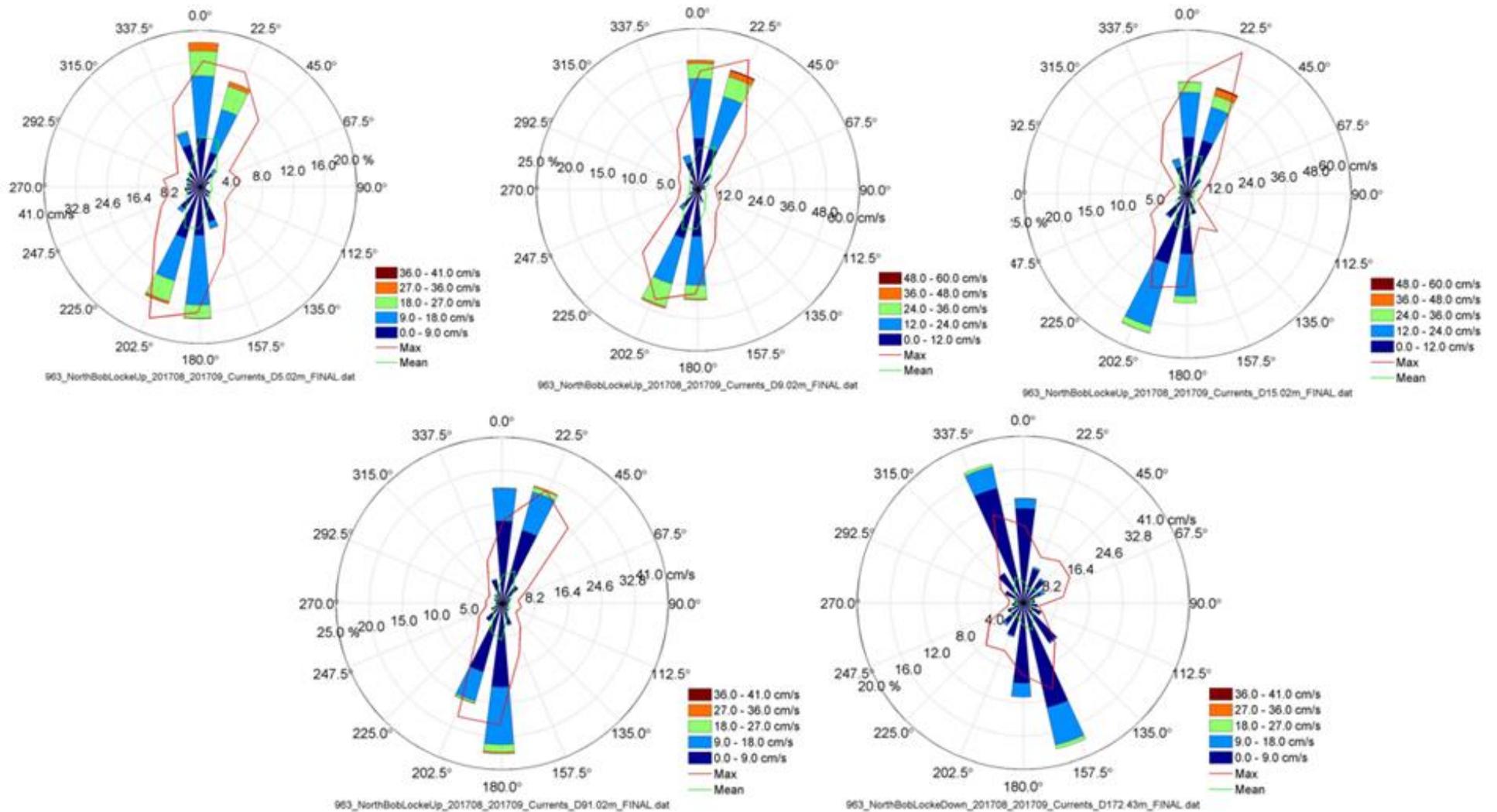


Figure 12.9. Compass rose plots of current speeds (cm/s) at the North Bob Locke Cove sea farm (August–September 2017). Current speeds (cm/s) and directions at 5 m, 9 m, 15 m, 91 m, and 172 m are shown from left to right, top to bottom in the figure.

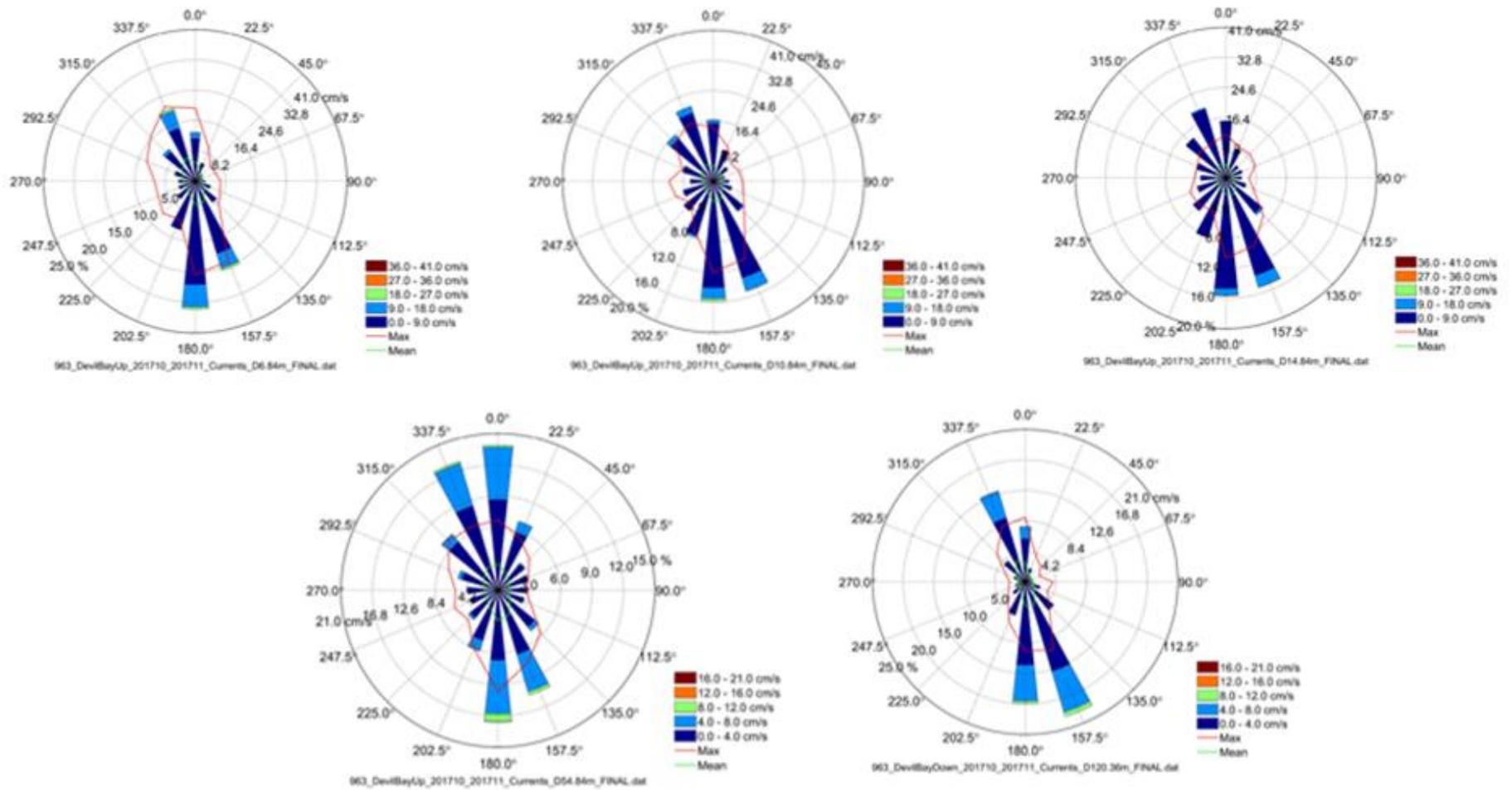


Figure 13.16. Compass rose plots of current speeds (cm/s) in the Devil Bay sea farm (October–November 2017). Current speeds (cm/s) and directions at 6.8 m, 10.8 m, 14.8 m, 54.8 m, and 120.4 m are shown from left to right, top to bottom in the figure.

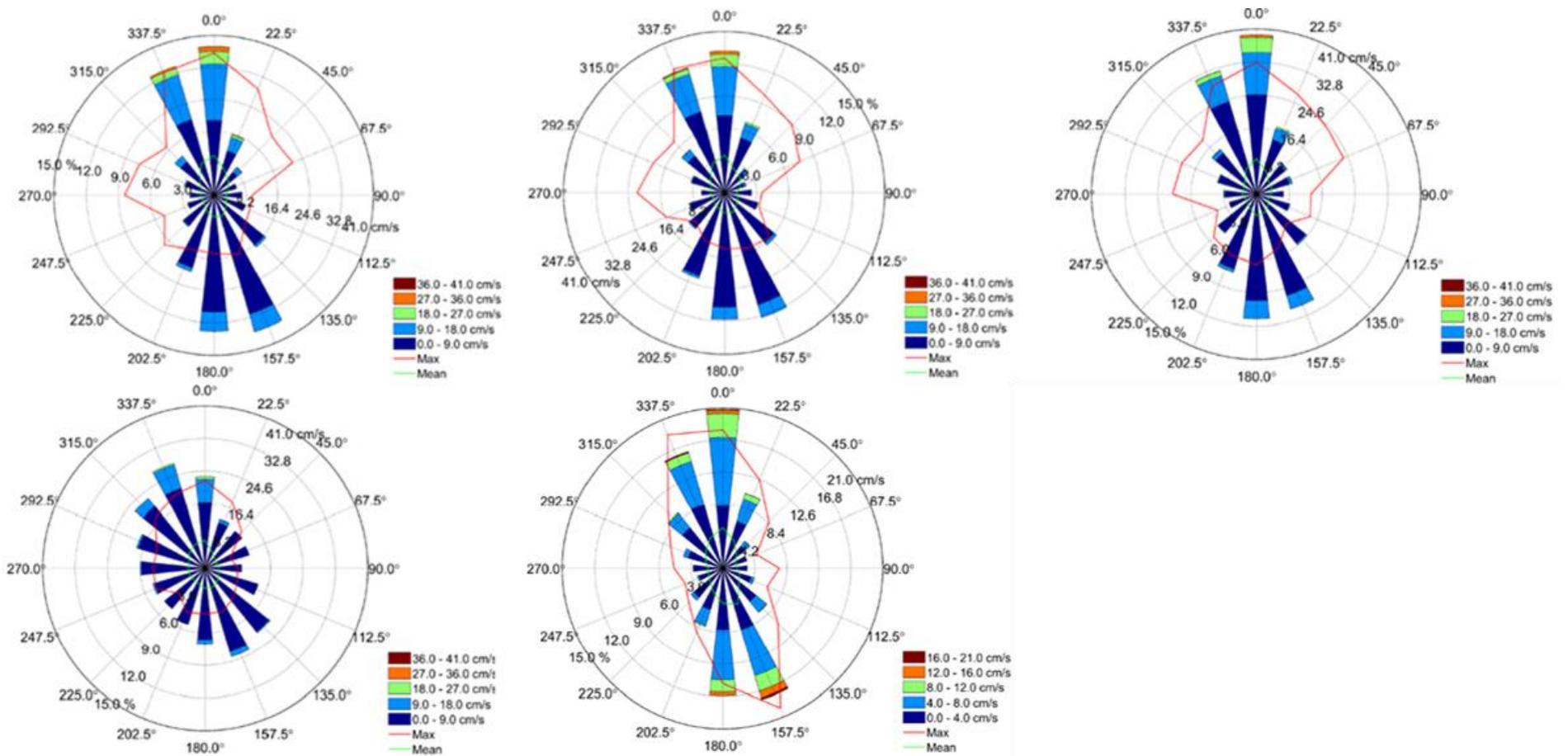


Figure 13.17. Compass rose plots of current speeds (cm/s) at the Little Bay sea farm (October–November 2017). Current speeds (cm/s) and directions at 7 m, 9 m, 15 m, 109 m, and 219 m are shown from left to right, top to bottom in the figure.

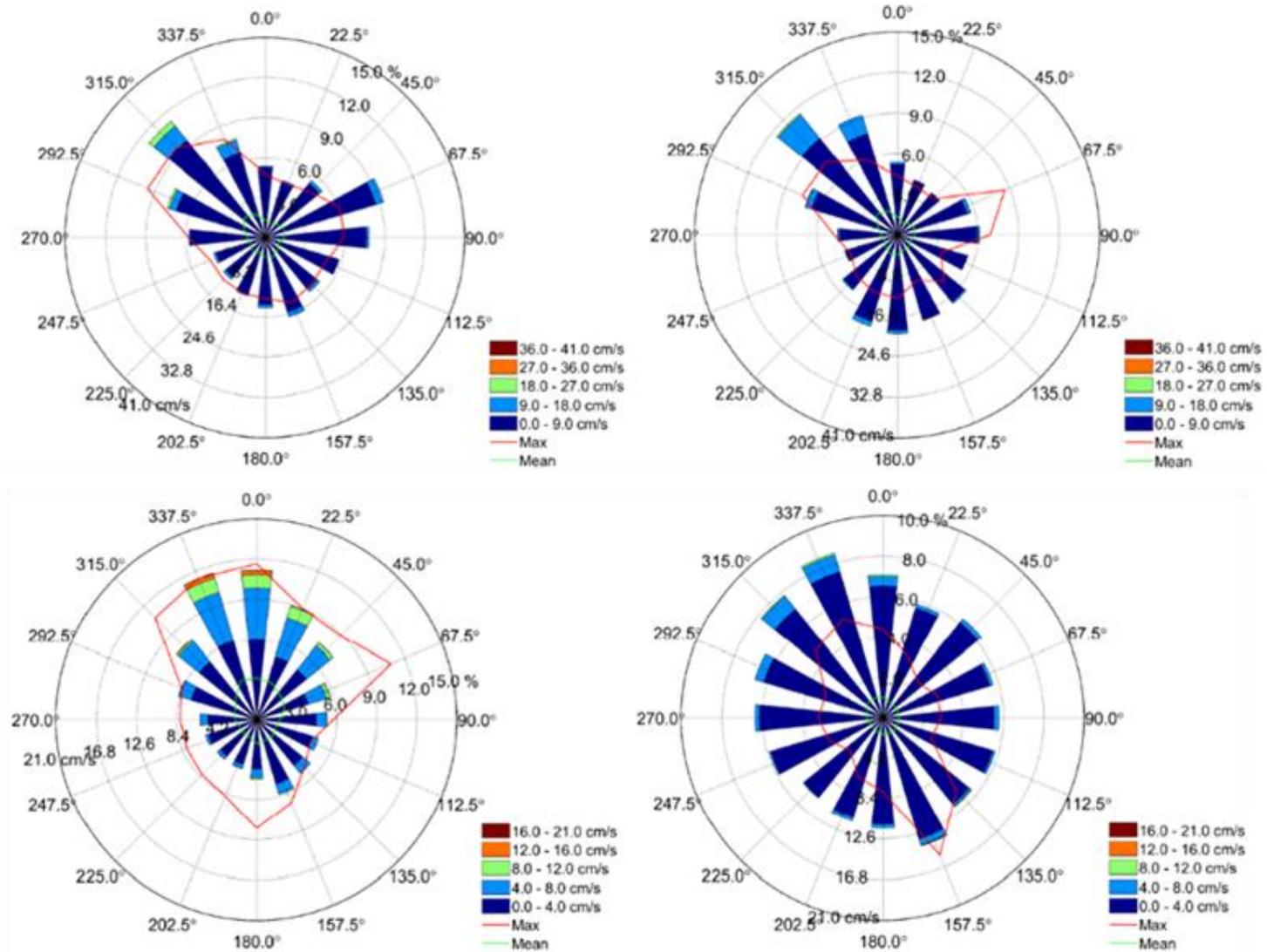


Figure 13.18. Compass rose plots of current speeds (cm/s) at the Rencontre Bay sea farm (October–November 2017) at 10.3 m, 14.3 m, 91.4 m, and 167.4 m are shown from left to right, top to bottom in the figure.

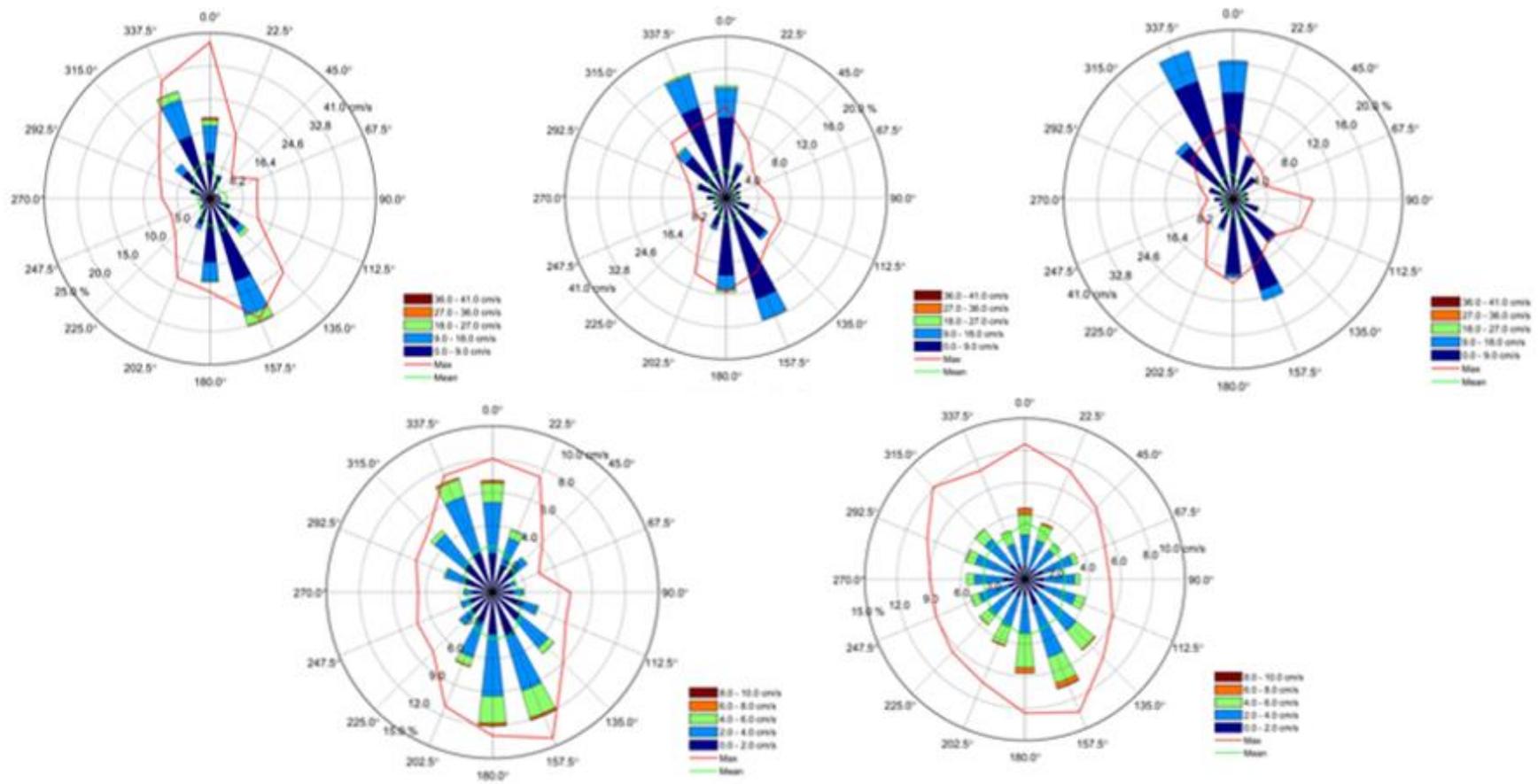


Figure 13.19. Compass rose plots of current speeds (cm/s) at The Gorge sea farm (May–June 2018). Current speeds (cm/s) and directions at 4.7 m, 9.9 m, 15.9 m, 73.8 m, and 141.8 m (or 4.6 m above bottom) are shown from left to right, top to bottom in the figure.

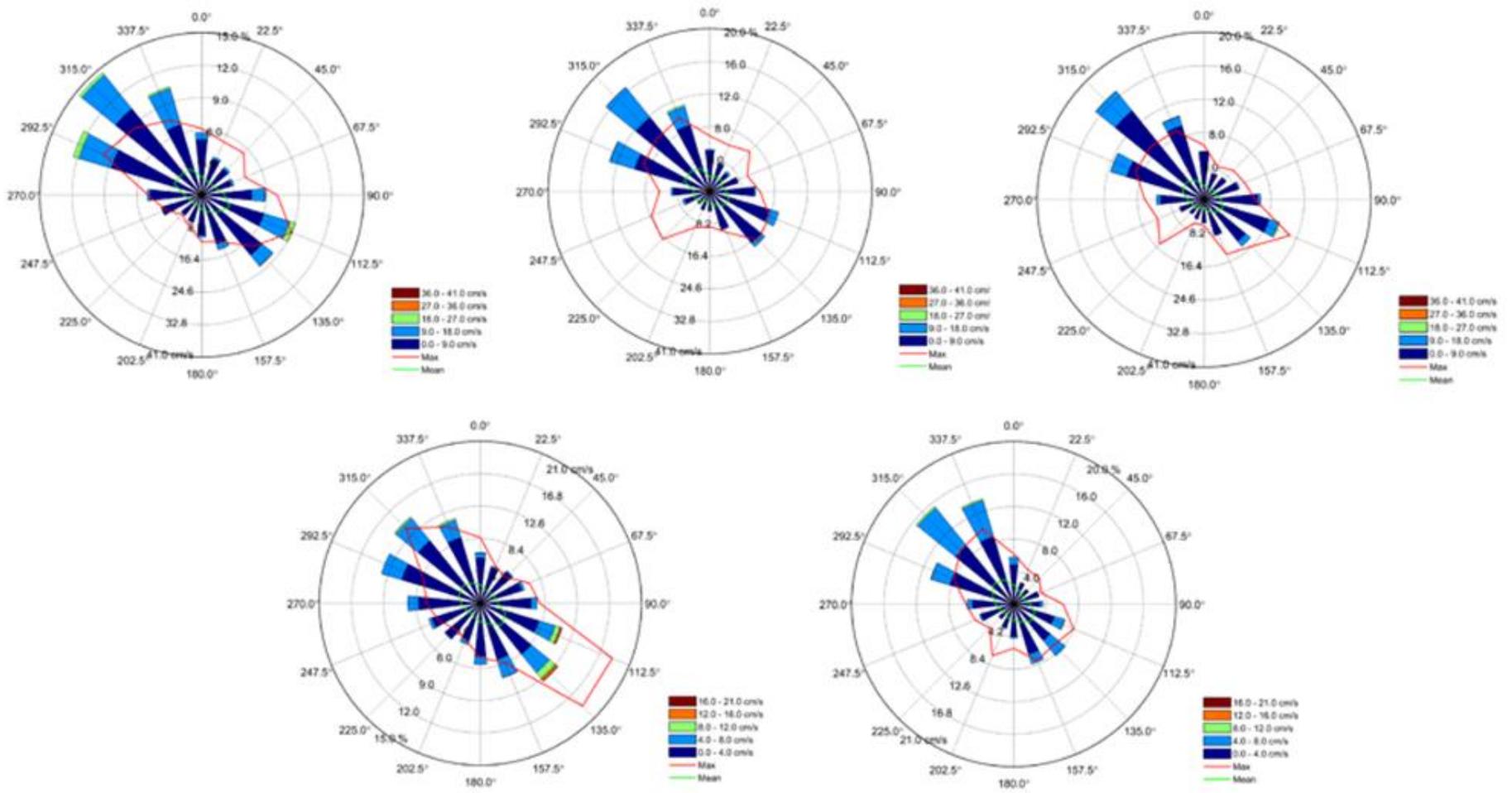


Figure 14.13. Compass rose plots of current speeds (cm/s) at the Chaleur Bay sea farm (May–June 2018). Current speeds (cm/s) and directions at 5 m, 9.7 m, 15.7 m, 65.6 m, and 126.4 m (near bottom at 5 m height) are shown from left to right, top to bottom in the figure.

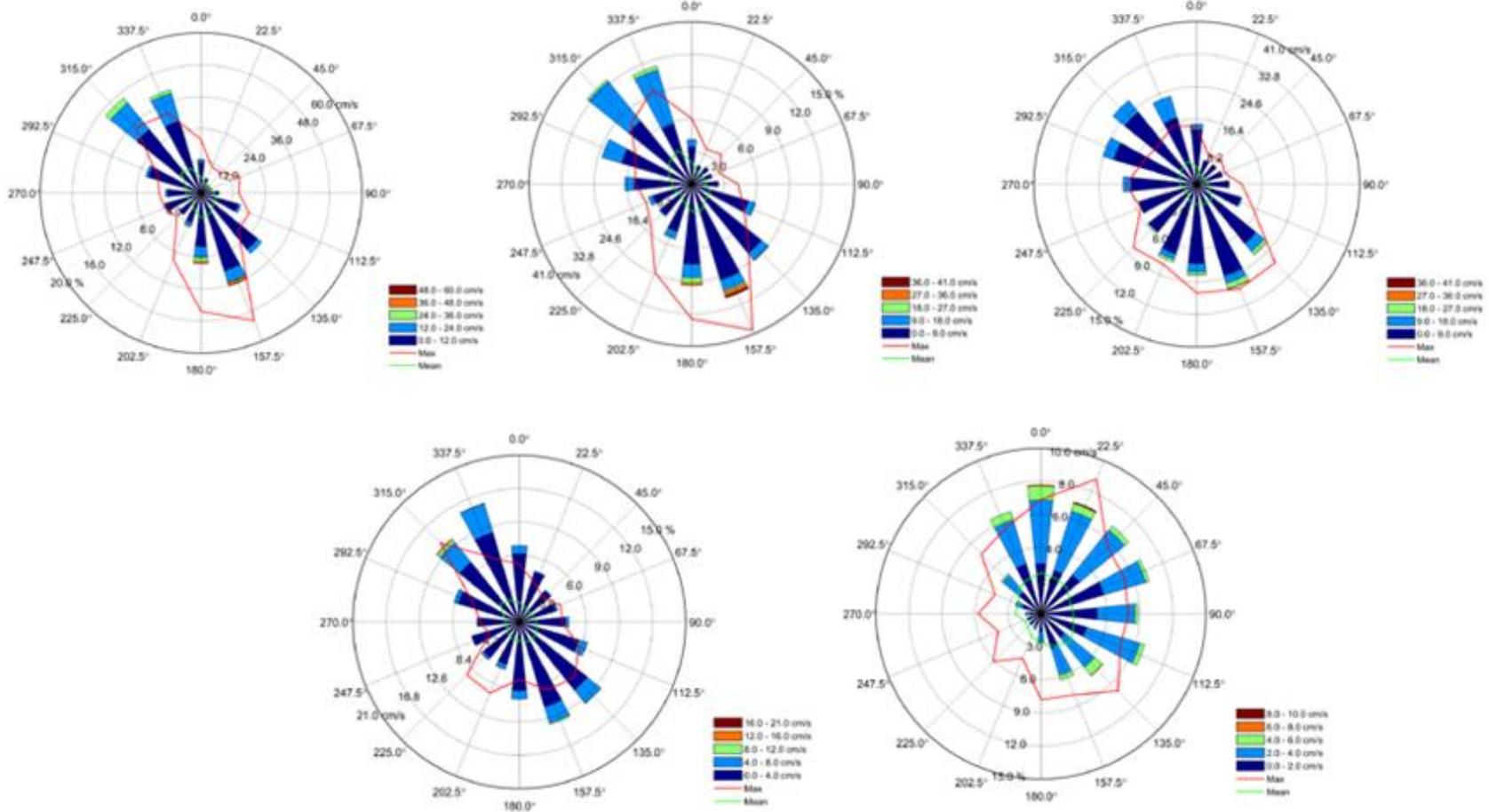


Figure 14.14. Compass rose plots of current speeds (cm/s) in the Friar Cove sea farm (May–June 2018). Current speeds (cm/s) and directions at 5 m, 9.7 m, 15.7 m, 106.7 m, and 240.4 m (near bottom at 4.6 m height) are shown from left to right, top to bottom in the figure.

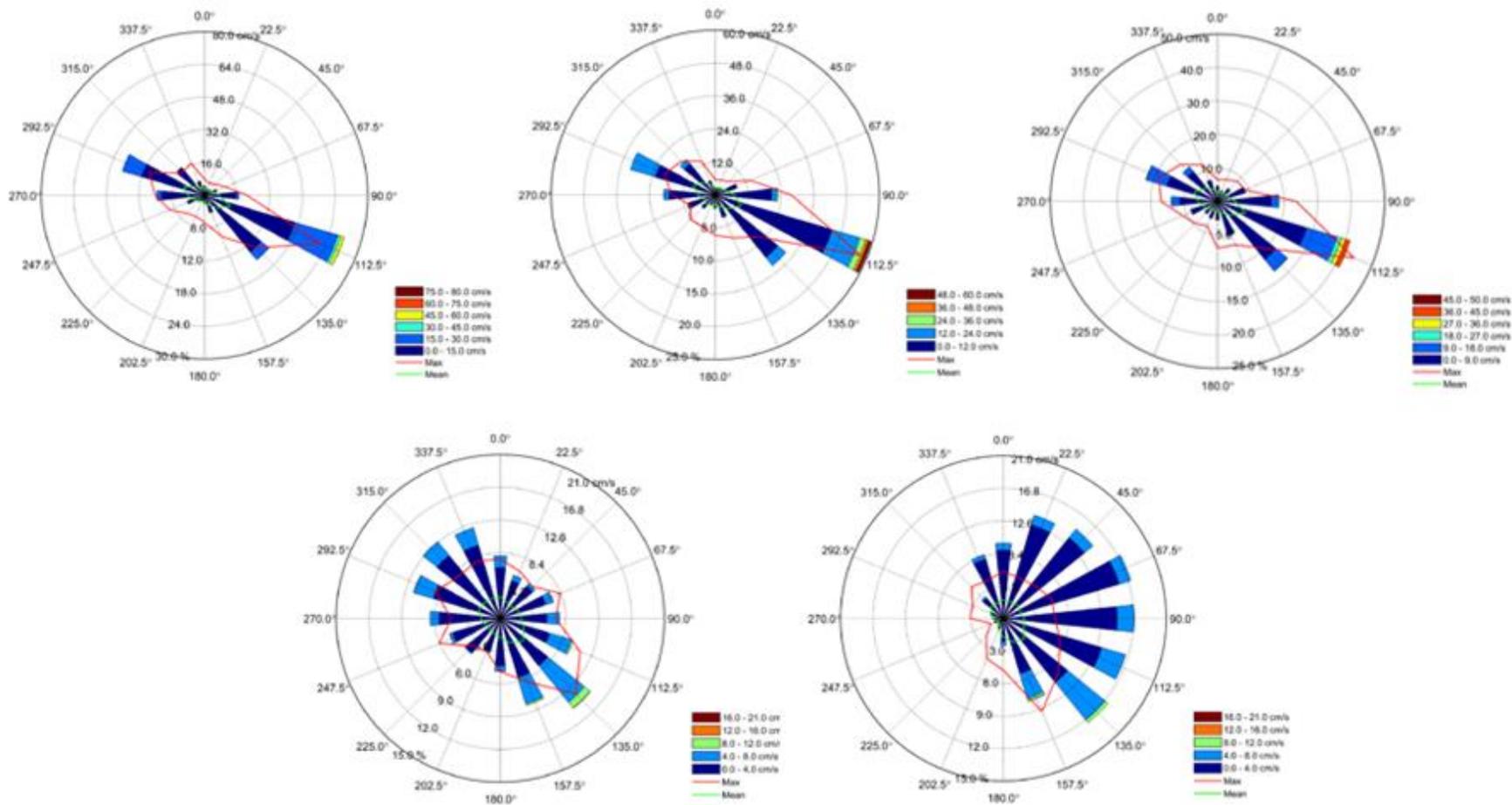


Figure 14.15. Compass rose plots of current speeds (cm/s) in the Shooter Point sea farm (May–June 2018). Current speeds (cm/s) and directions at 5 m, 10.1 m, 14.1 m, 103.6 m, and 201.4 m (near bottom at 4.6 m height) are shown from left to right, top to bottom in the figure.

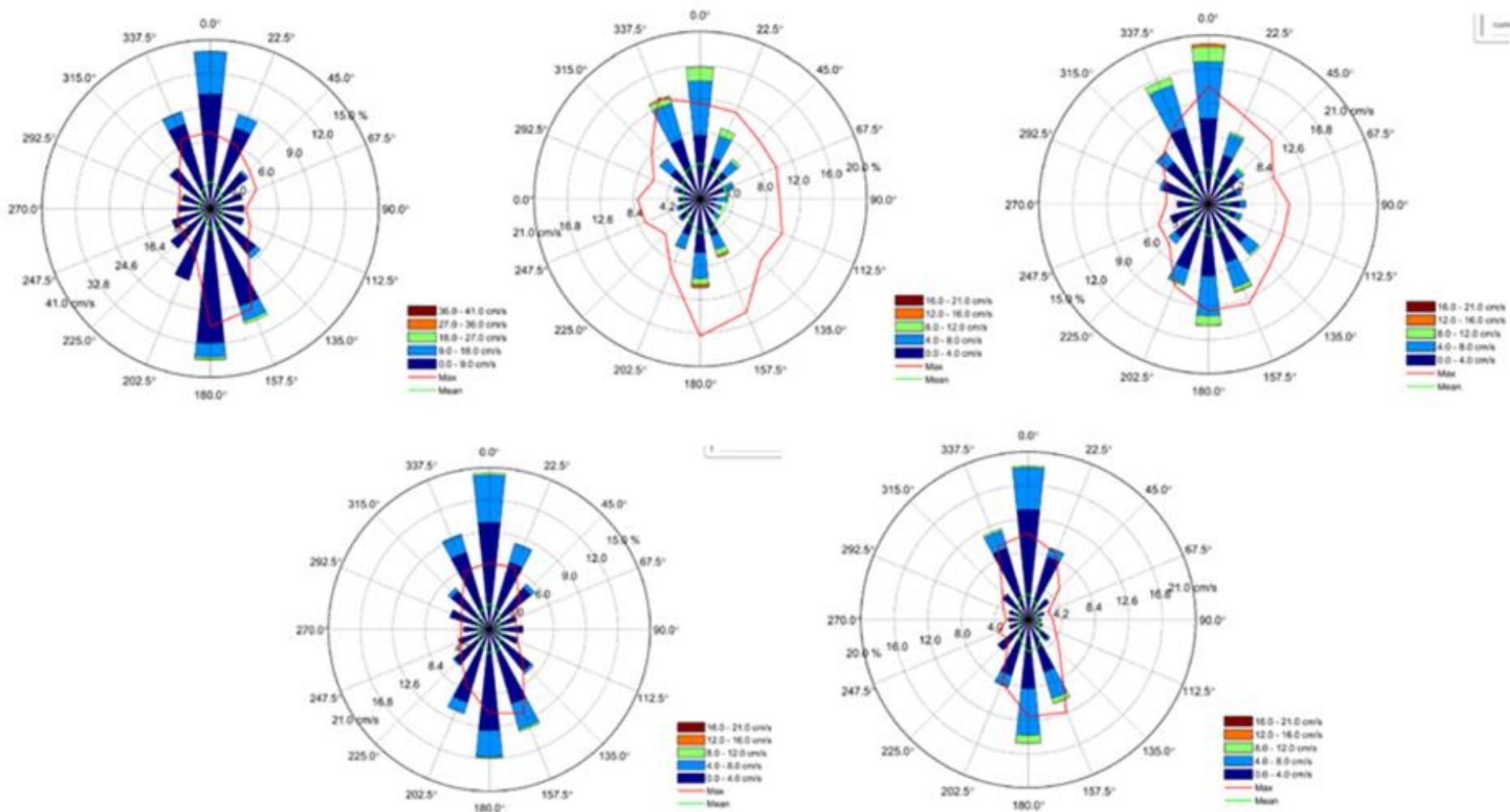


Figure 15.12. Compass rose plots of current speeds (cm/s) at the Aviron North sea farm (May–June 2018). Current speeds (cm/s) and directions at 5 m, 10 m, 16 m, 54 m (mid-depth) and 105 m (5 m height), are shown from left to right, top to bottom in the figure.

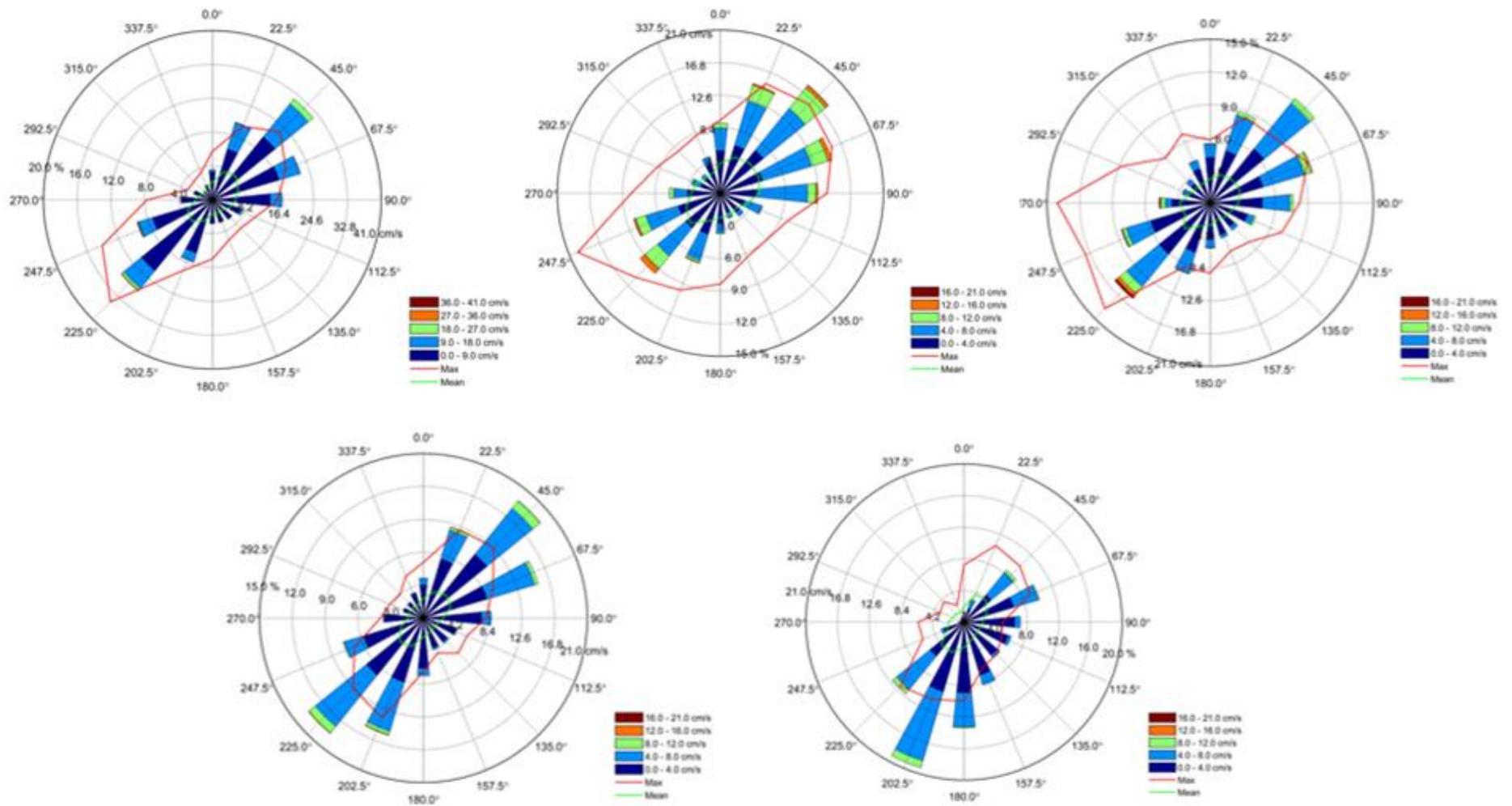


Figure 15.13. Compass rose plots of current speeds (cm/s) at the Aviron South sea farm (May–June 2018). Current speeds (cm/s) and directions at 5 m, 11 m, 15 m, 69 m (mid-depth), and 130.4 m (5 m height) are shown from left to right, top to bottom in the figure.

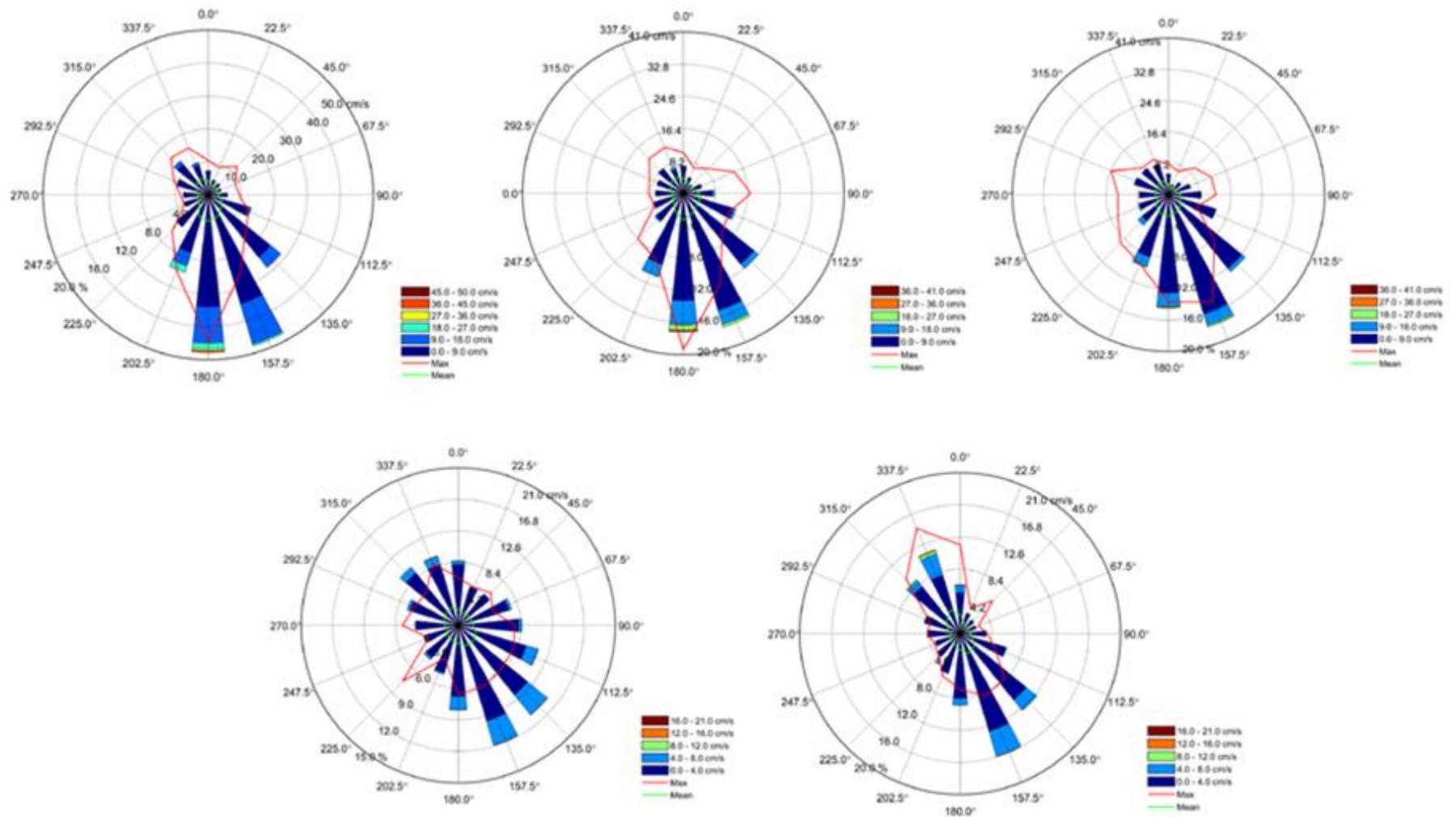


Figure 15.14. Compass rose plots of current speeds (cm/s) at the Foots Cove sea farm (May–June 2018). Current speeds (cm/s) and directions at 5 m, 10.5 m, 14.5 m, 63.4 m, (mid-depth) and 124 m (5 m off bottom), are shown from left to right, top to bottom in the figure.

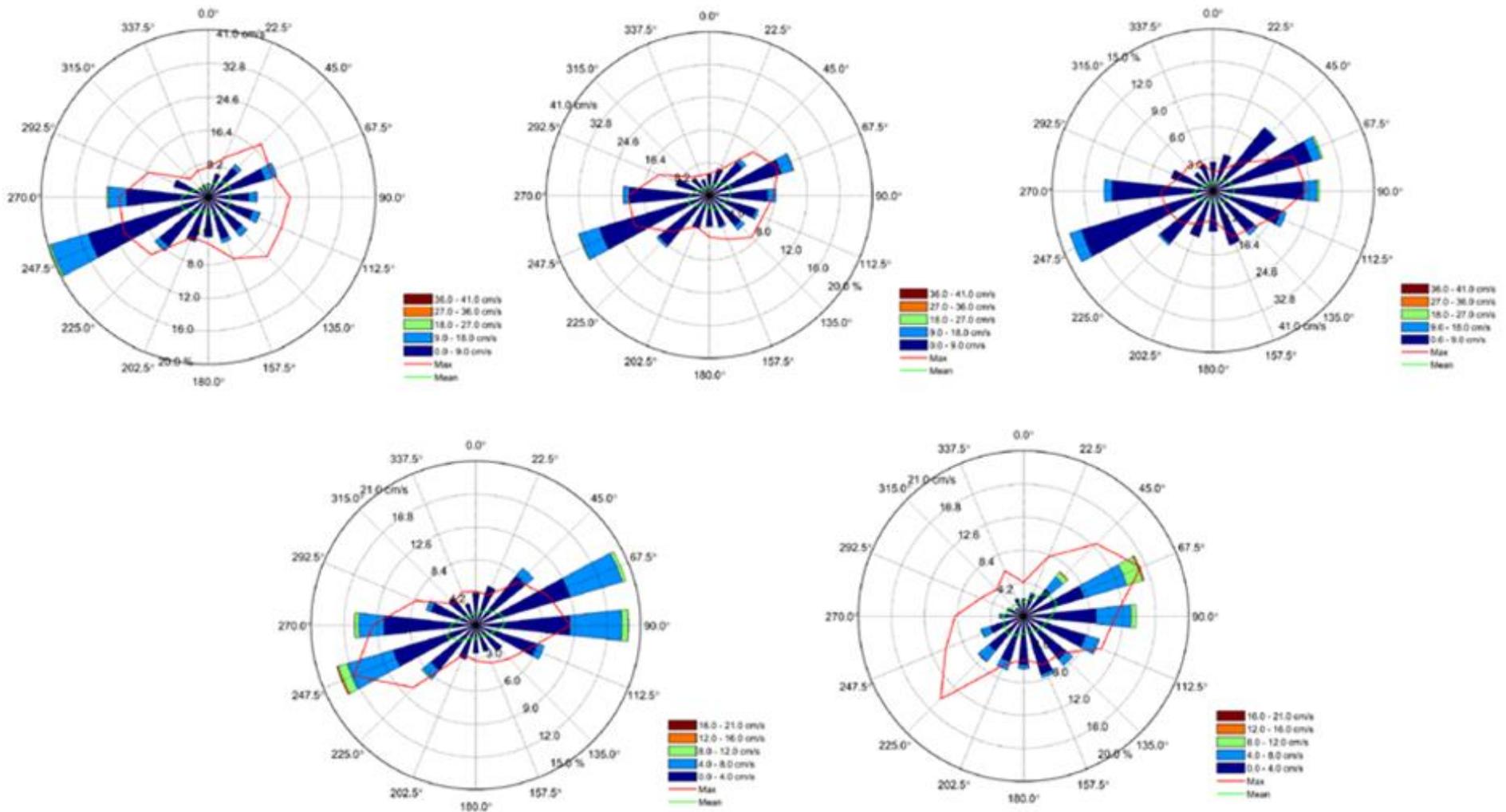


Figure 16.12. Compass rose plots of current speeds (cm/s) at the Denny Island sea farm (June–July 2018) Current speeds (cm/s) and directions at 5 m, 10.7 m, 14.7 m, 55.6 m, and 104.9 m (5 m height) are shown from left to right, top to bottom in the figure.

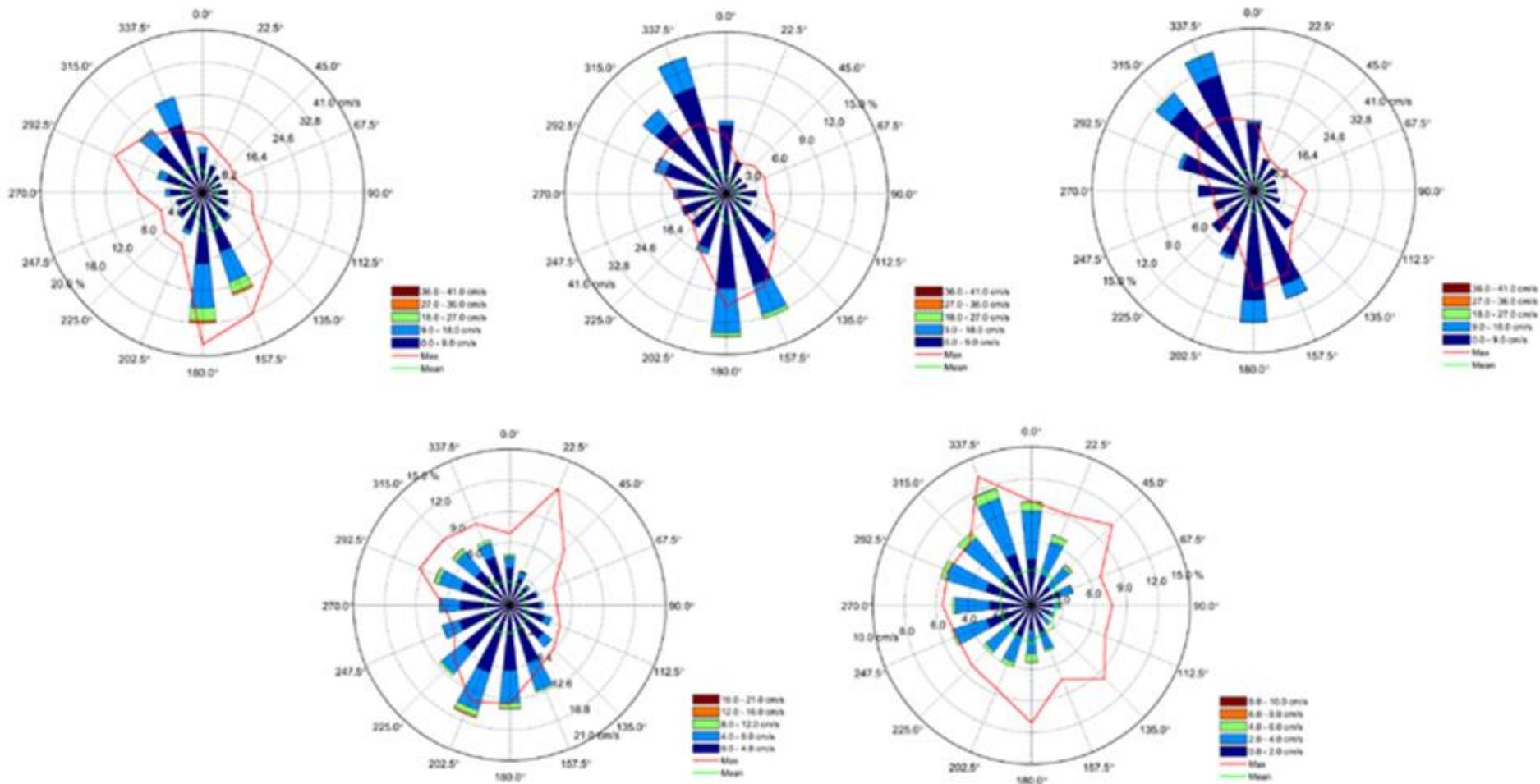


Figure 16.13. Compass rose plots of current speeds (cm/s) at the Gnat Island sea farm (June–July 2018). Current speeds (cm/s) and directions at 5 m, 9.7 m, 15.7 m, 106.4 m, and 209.9 m (5.1 m height) are shown from left to right, top to bottom in the figure.

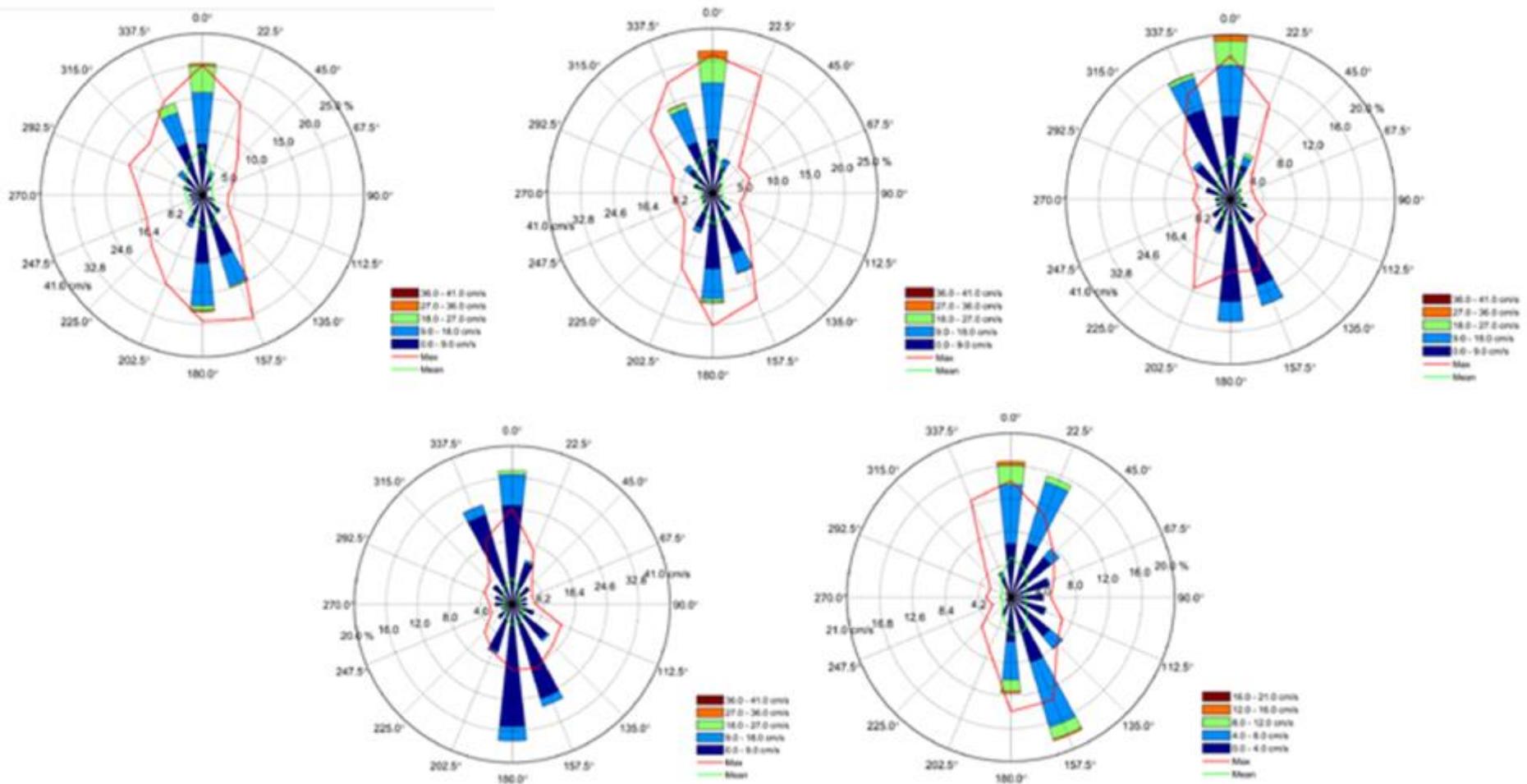


Figure 16.14. Compass rose plots of current speeds (cm/s) at the Shoal Cove sea farm (June–July 2018). Current speeds (cm/s) and directions at 5 m, 9.2 m, 15.2 m, 101.2 m, and 197.9 m (5 m height) are shown from left to right, top to bottom in the figure.