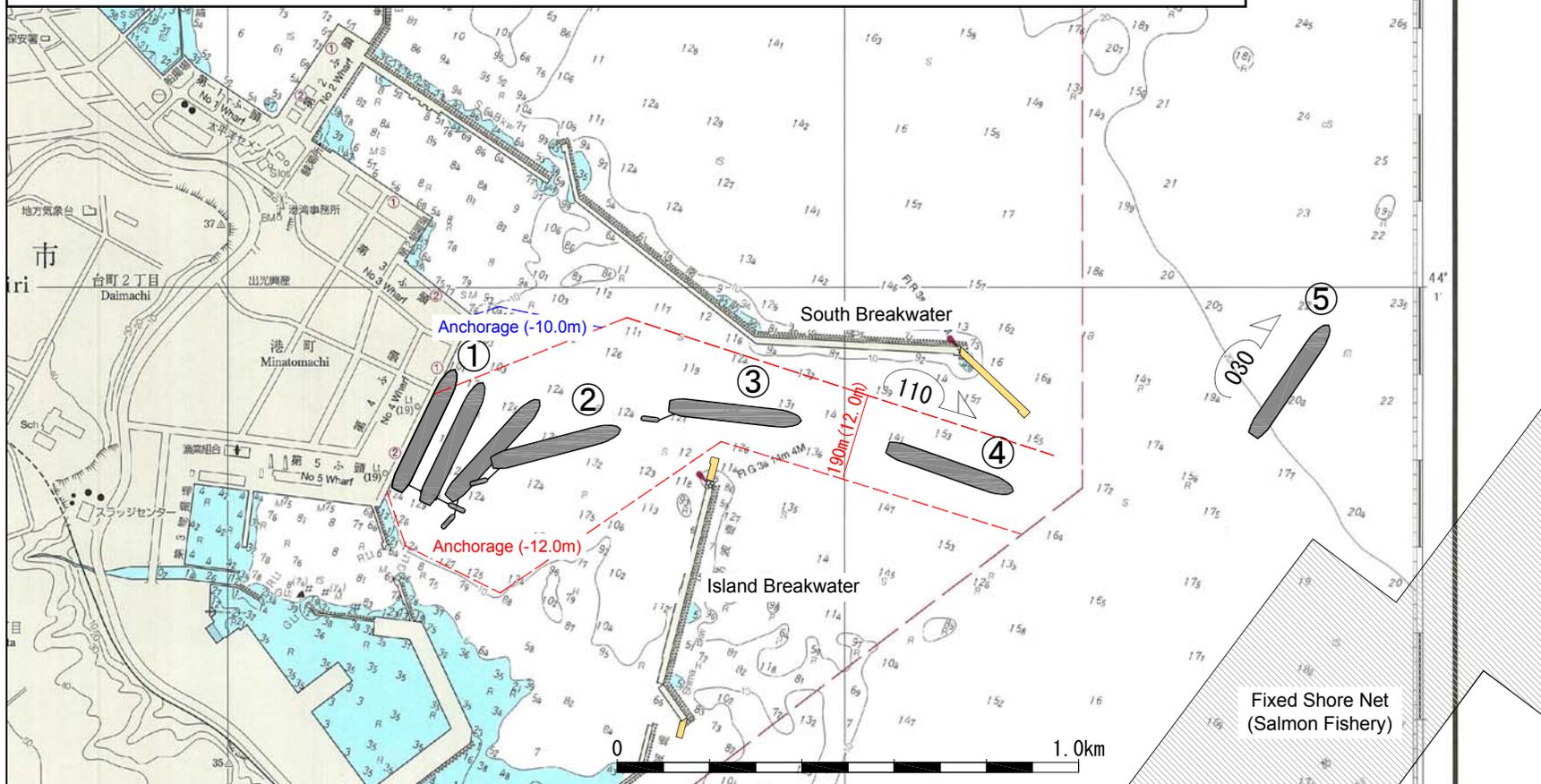
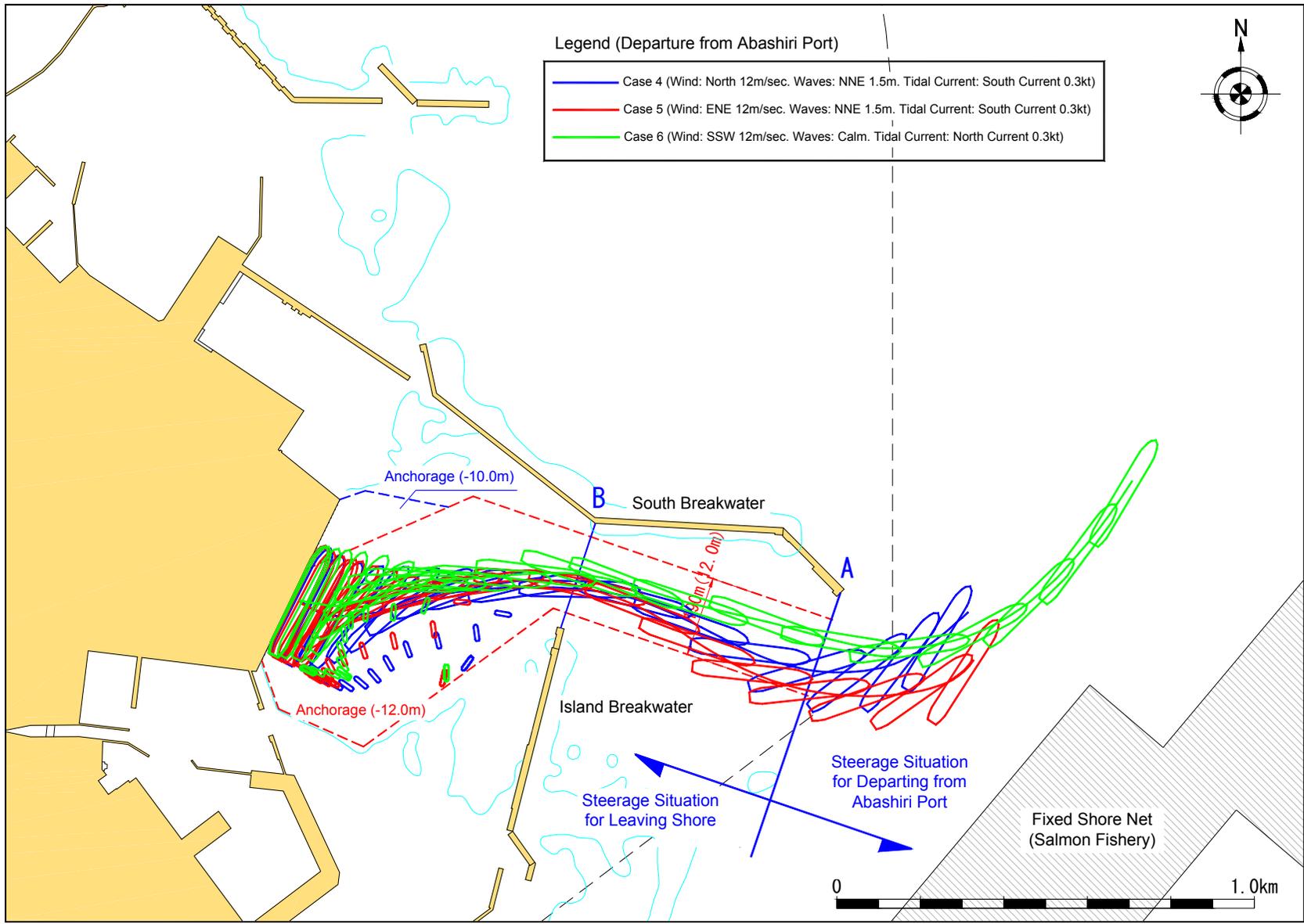


- ① Deploy one tugboat in the starboard quarter, and use the tugboat and the bow and stern thrusters to tow the hull by around 2B (approximately 80m) parallel to the wharf normal line (026 degrees).
- ② Once the hull moves away from the wharf by 2B (approximately 80m), set the bow toward the harbor entrance using the tugboat and the bow and stern thrusters. Set the engine to slow advance, and go to the harbor entrance while controlling the hull attitude by the tugboat and the bow and stern thrusters.
- ③ Cast off the mooring lines of the tugboat before the island breakwater. Rotate starboard using the bow and stern thrusters, and set the departure course to 110 degrees.
- ④ Once the island breakwater is passed, increase the engine speed gradually, and in front of the south breakwater, veer to port to depart the harbor.
- ⑤ Maintain the course at 030 degrees and navigate toward the designated turning point.



Steerage Example for Departure from Abashiri Port (Head out port side)
 116,000 GT Class Passenger Ship
 Total Length: 288.33m



Steerage Track Chart for Departure from Abashiri Port
 116,000 GT Class Passenger Ship
 Total Length: 288.33m