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Figure 1.1: Location of Inch Cape Offshore Wind Farm

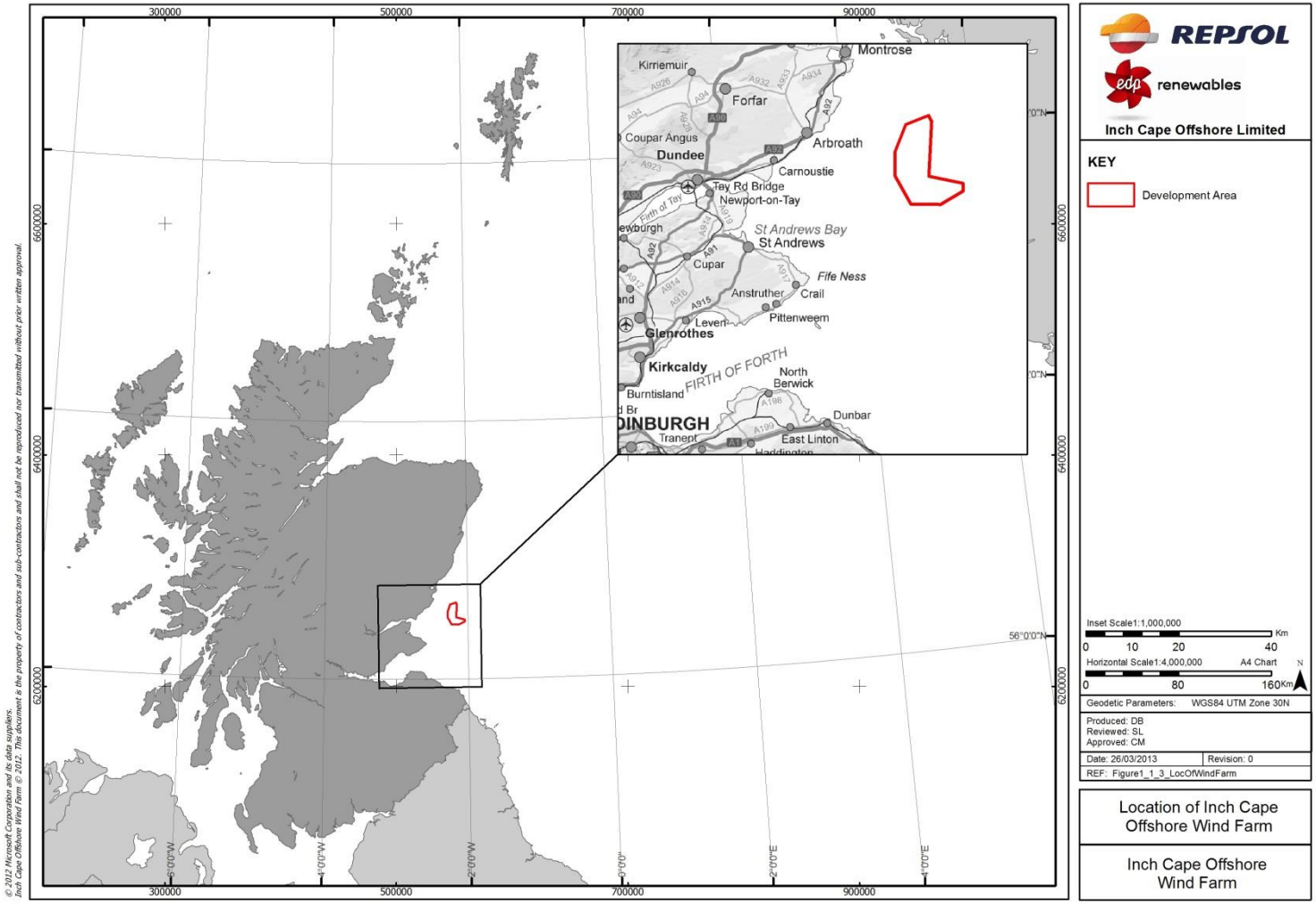
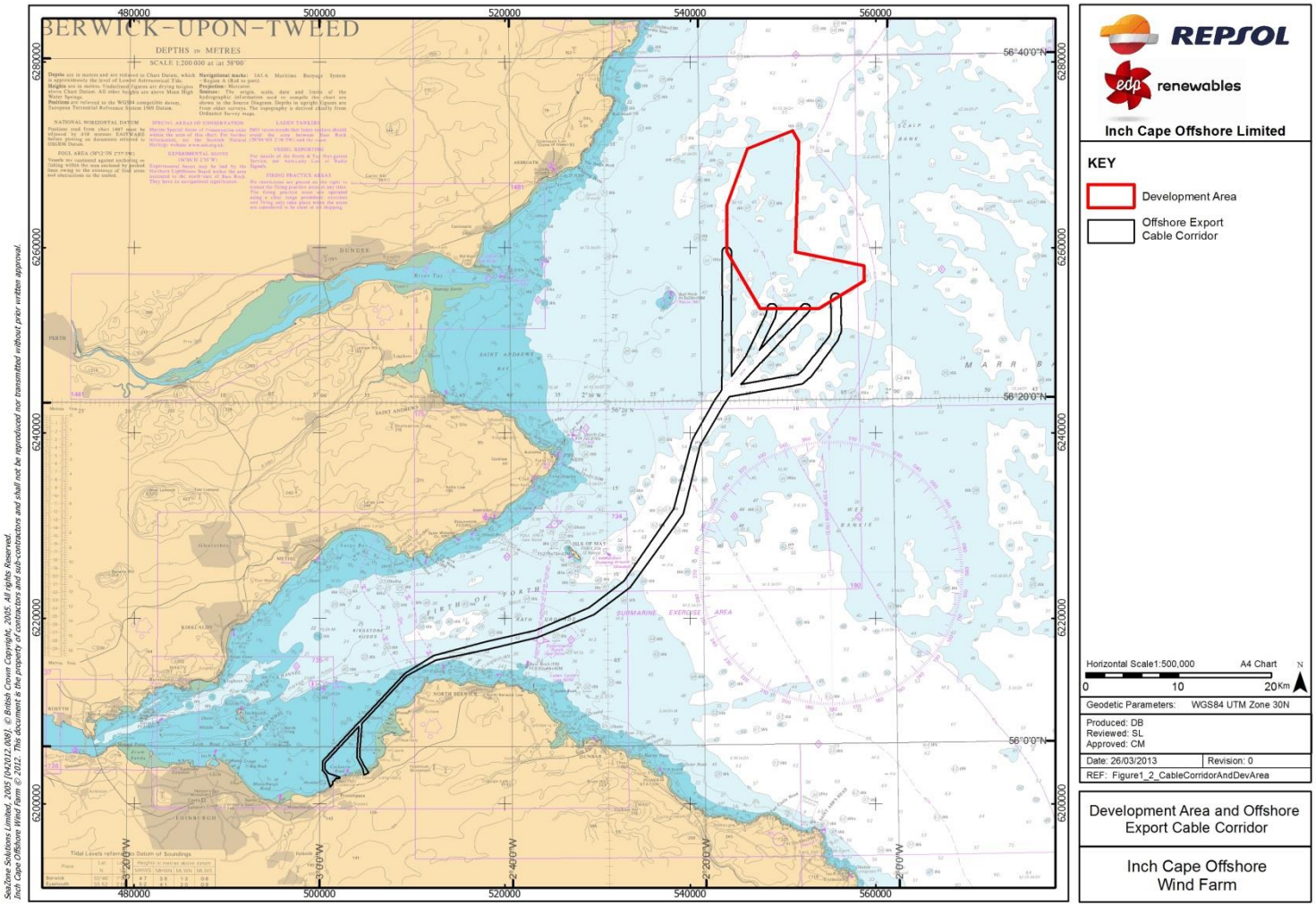


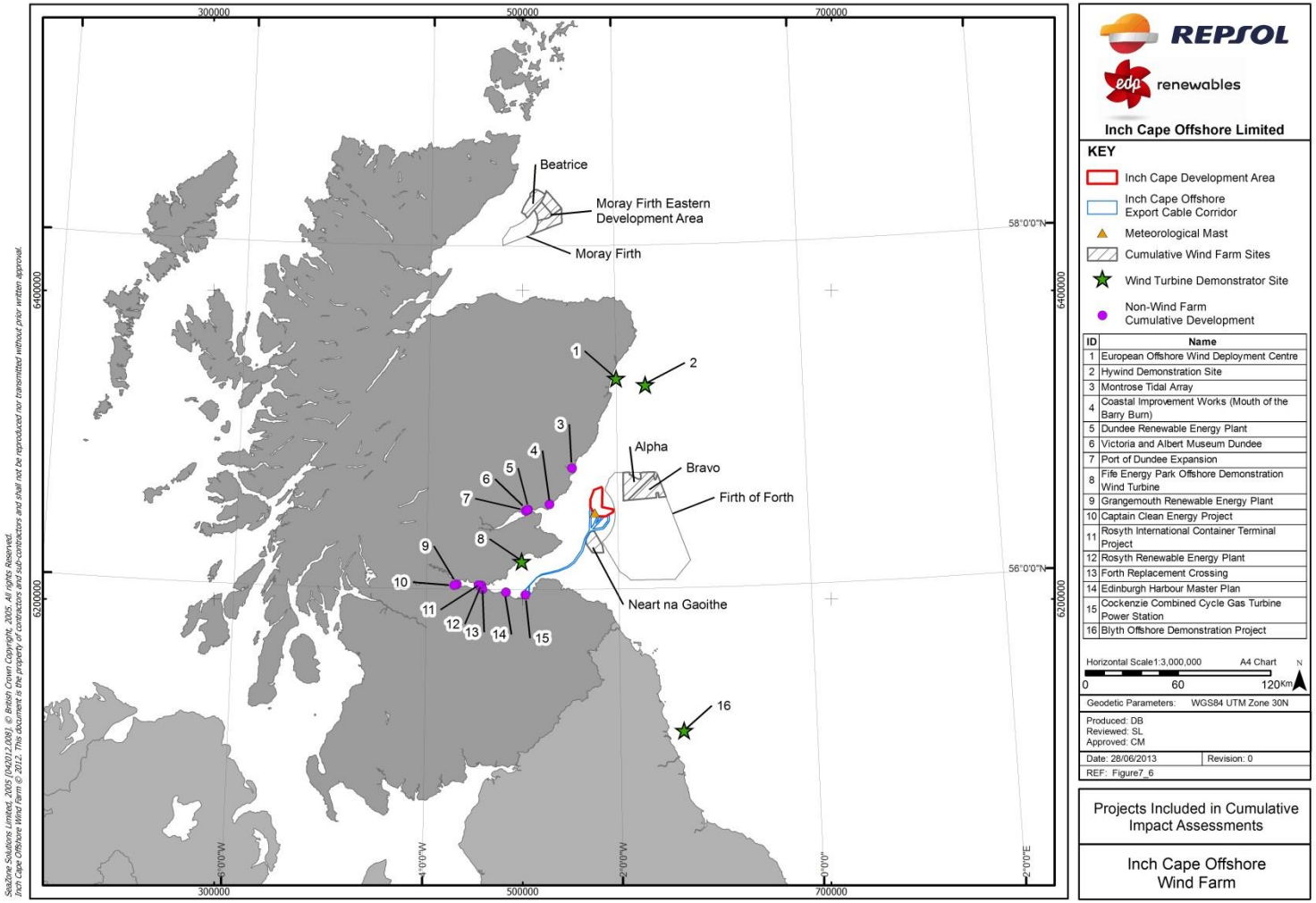
Figure 1.2: Development Area and Offshore Export Cable Corridor



NO FIGURES WERE PRESENTED IN CHAPTER 2

NO FIGURES WERE PRESENTED IN CHAPTER 3

Figure 4.1: Other Projects Cumulative Impact Assessment



ID	Name
1	European Offshore Wind Deployment Centre
2	Hywind Demonstration Site
3	Montrose Tidal Array
4	Coastal Improvement Works (Mouth of the Barry Burn)
5	Dundee Renewable Energy Plant
6	Victoria and Albert Museum Dundee
7	Port of Dundee Expansion
8	Fife Energy Park Offshore Demonstration Wind Turbine
9	Grangemouth Renewable Energy Plant
10	Captain Clean Energy Project
11	Rosyth International Container Terminal Project
12	Rosyth Renewable Energy Plant
13	Forth Replacement Crossing
14	Edinburgh Harbour Master Plan
15	Cockenzie Combined Cycle Gas Turbine Power Station
16	Blyth Offshore Demonstration Project

NO FIGURES WERE PRESENTED IN CHAPTER 5

NO FIGURES WERE PRESENTED IN CHAPTER 6

Figure 7.1: Location of Development Area, Offshore Export Cable Corridor and Grid Connection

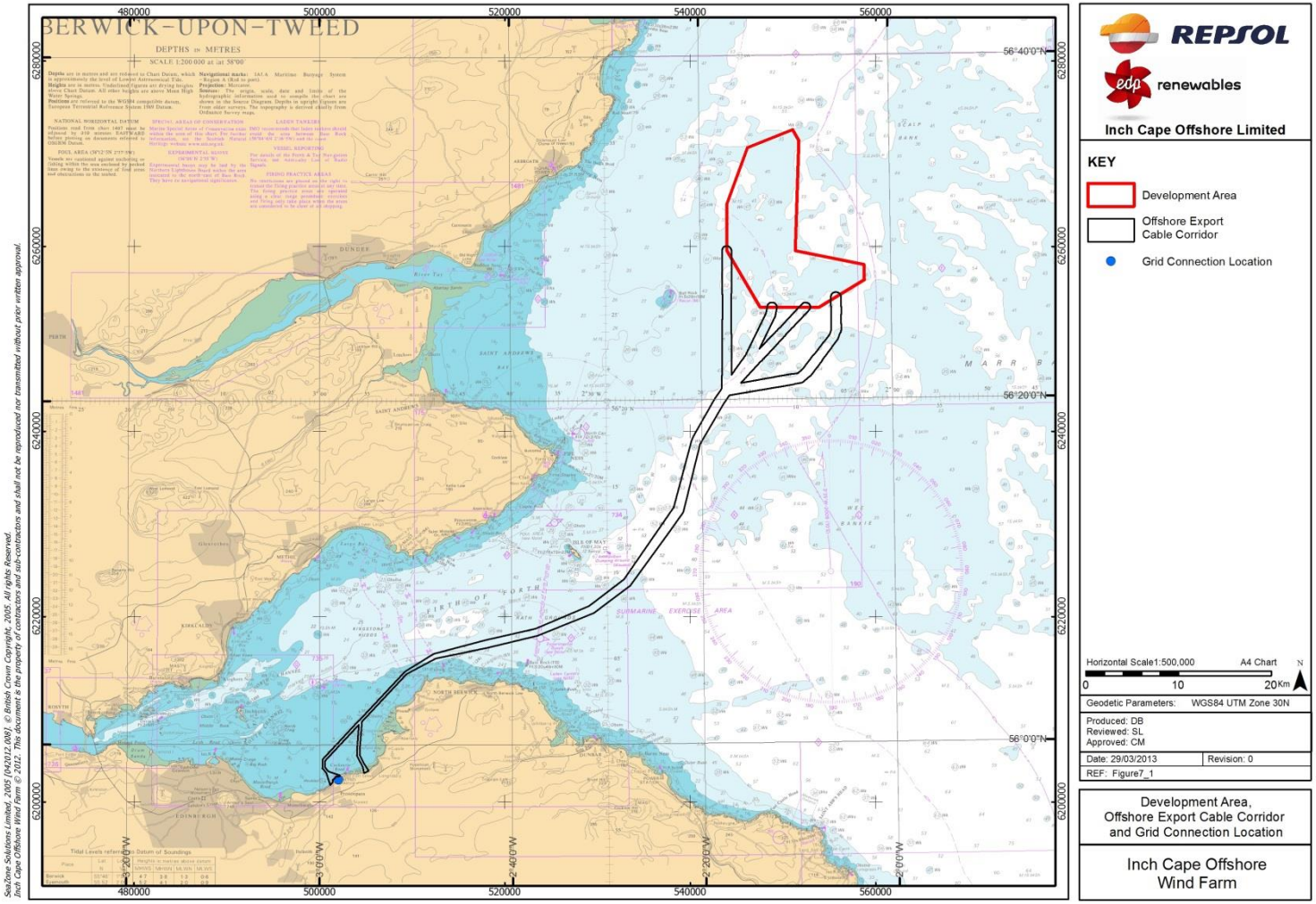


Figure 7.3: Development Area (Source: ICOL)

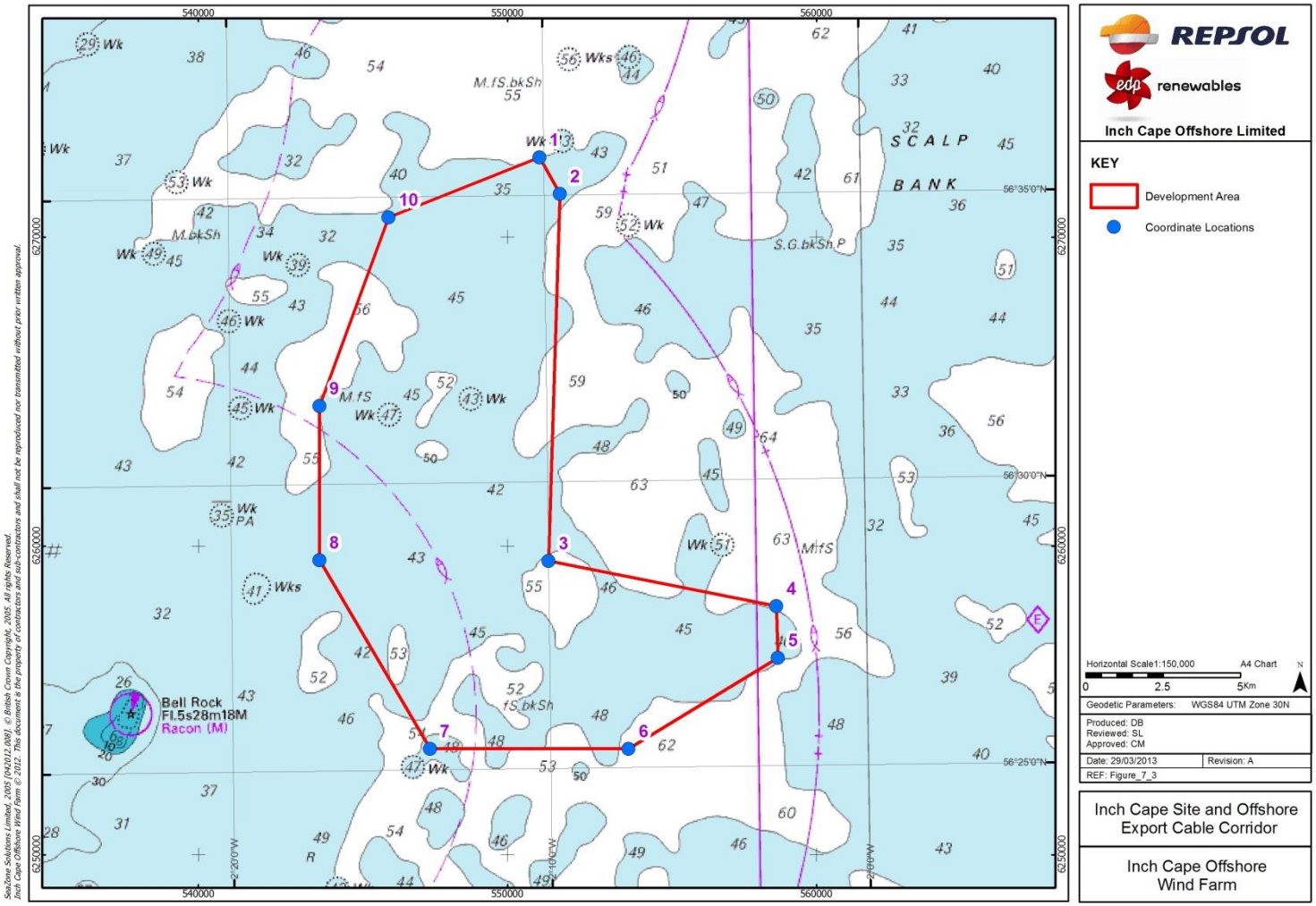


Figure 7.4: Development Area Bathymetry (Source: ICOL)

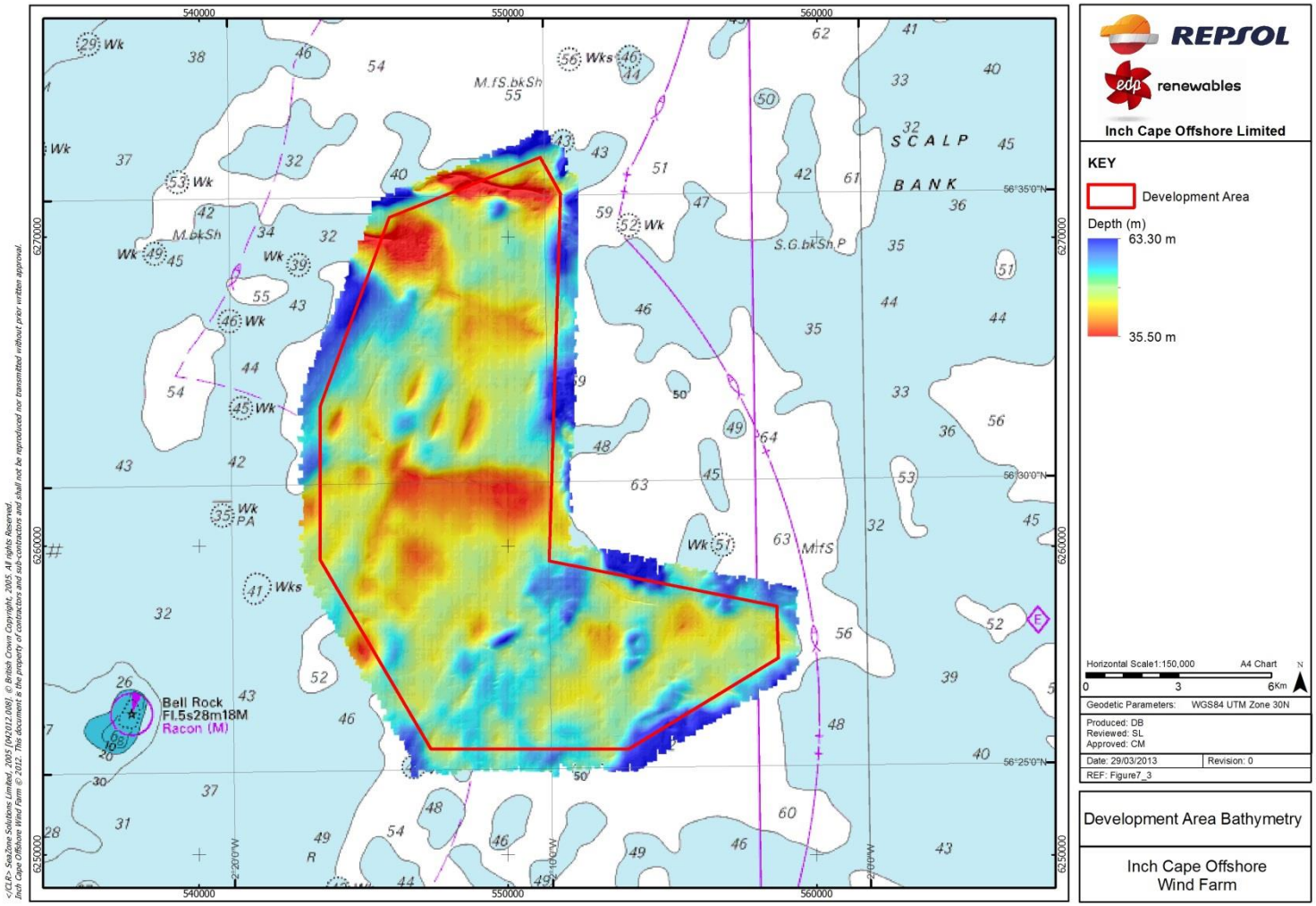


Figure 7.6: Cable Approach and Landfall Area

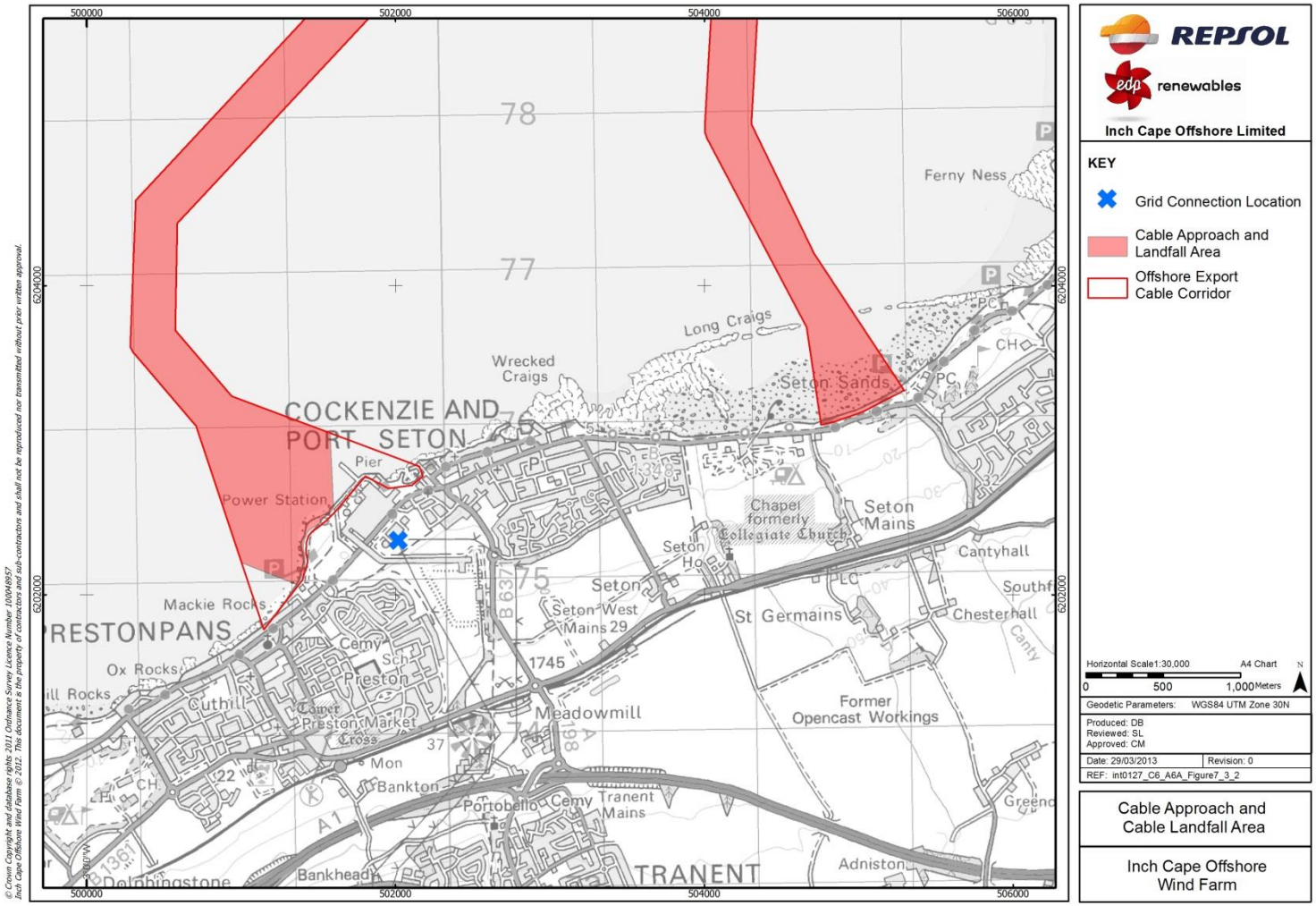
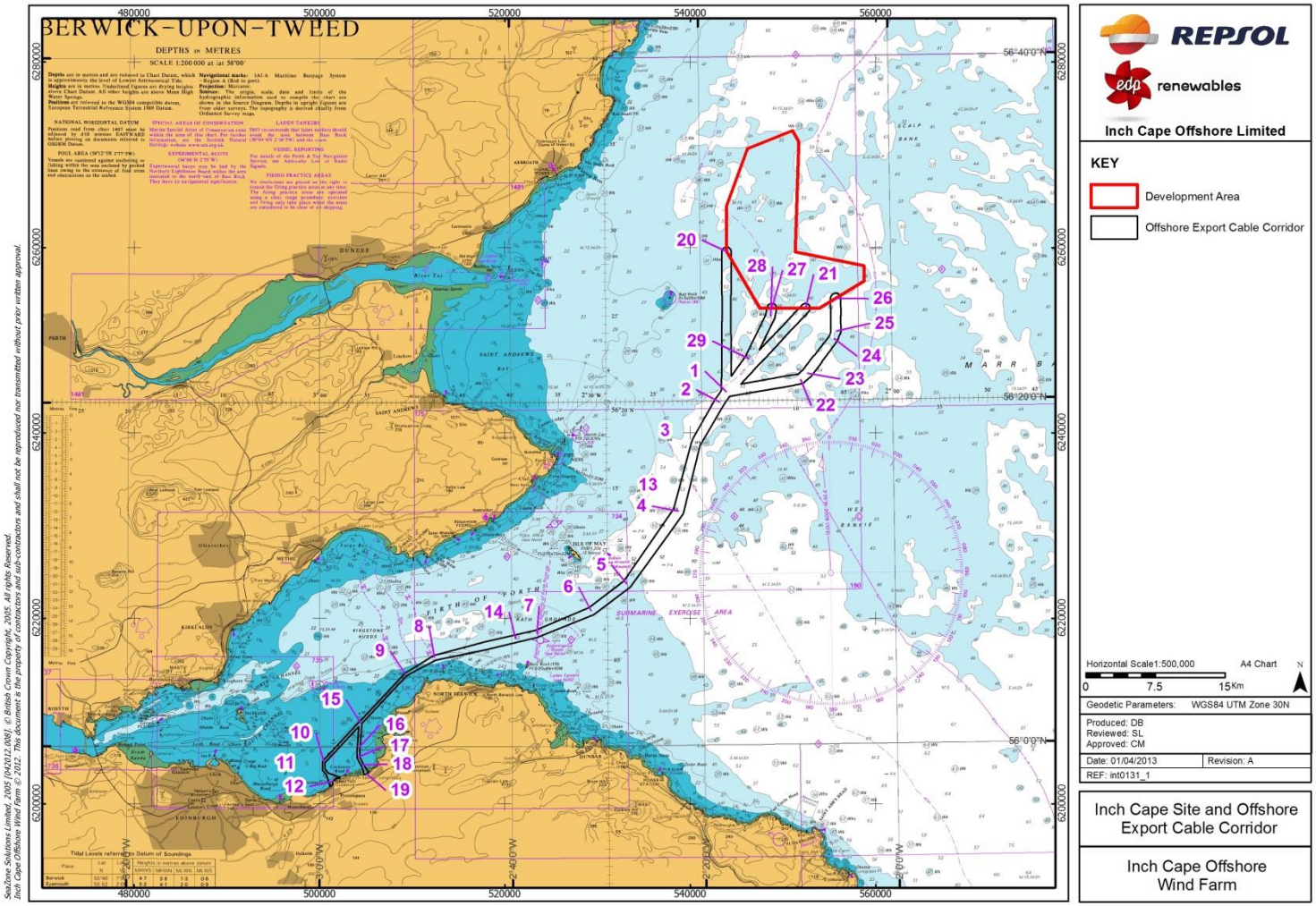


Figure 7.7: Offshore Export Cable Corridor (Source: ICOL)



NO FIGURES WERE PRESENTED IN CHAPTER 8

Figure 9.1: Designated Special Protection Areas and Ramsar sites

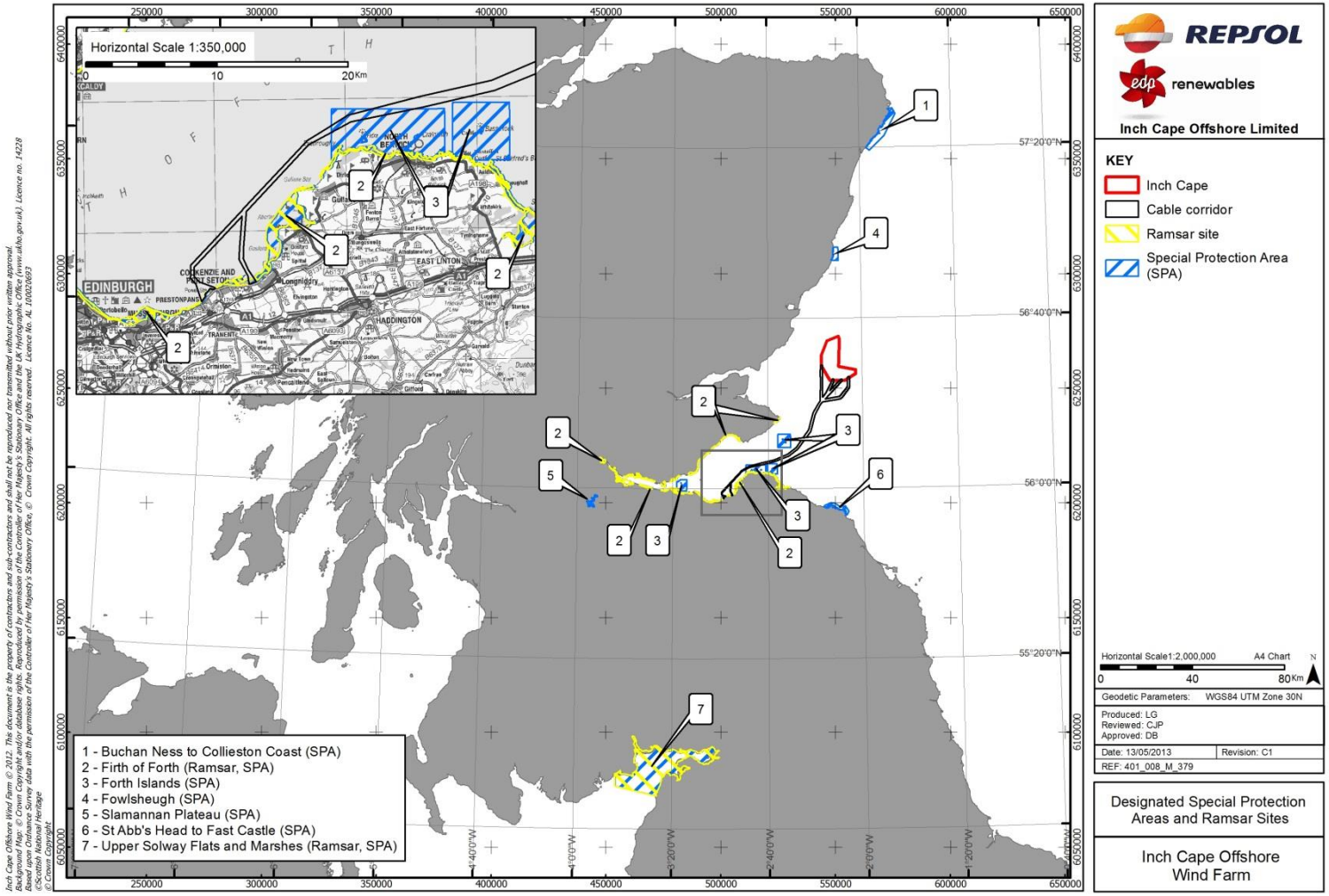


Figure 9.2: Designated Special Areas of Conservation

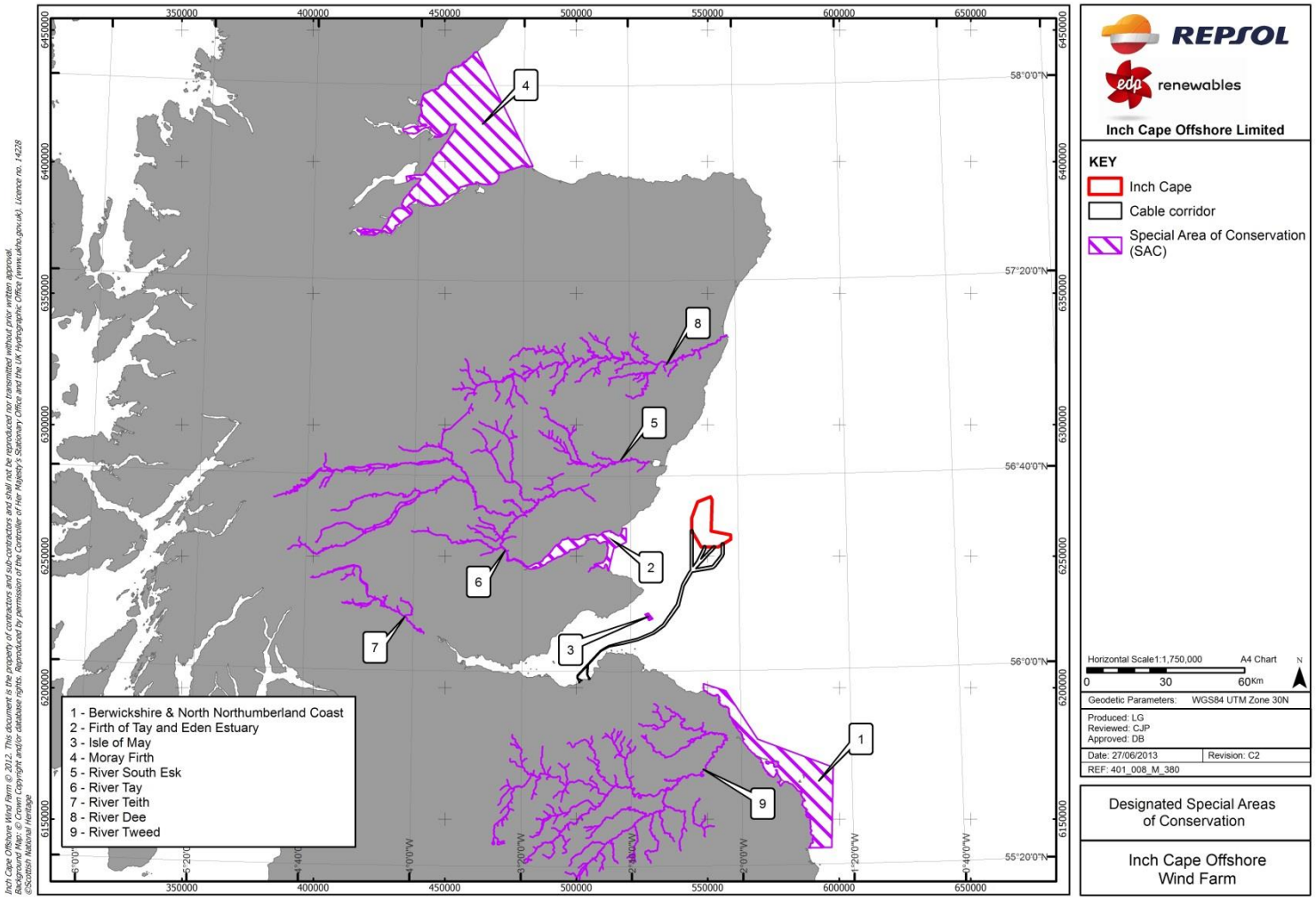


Figure 9.3: Potential Scottish Marine Protected Areas

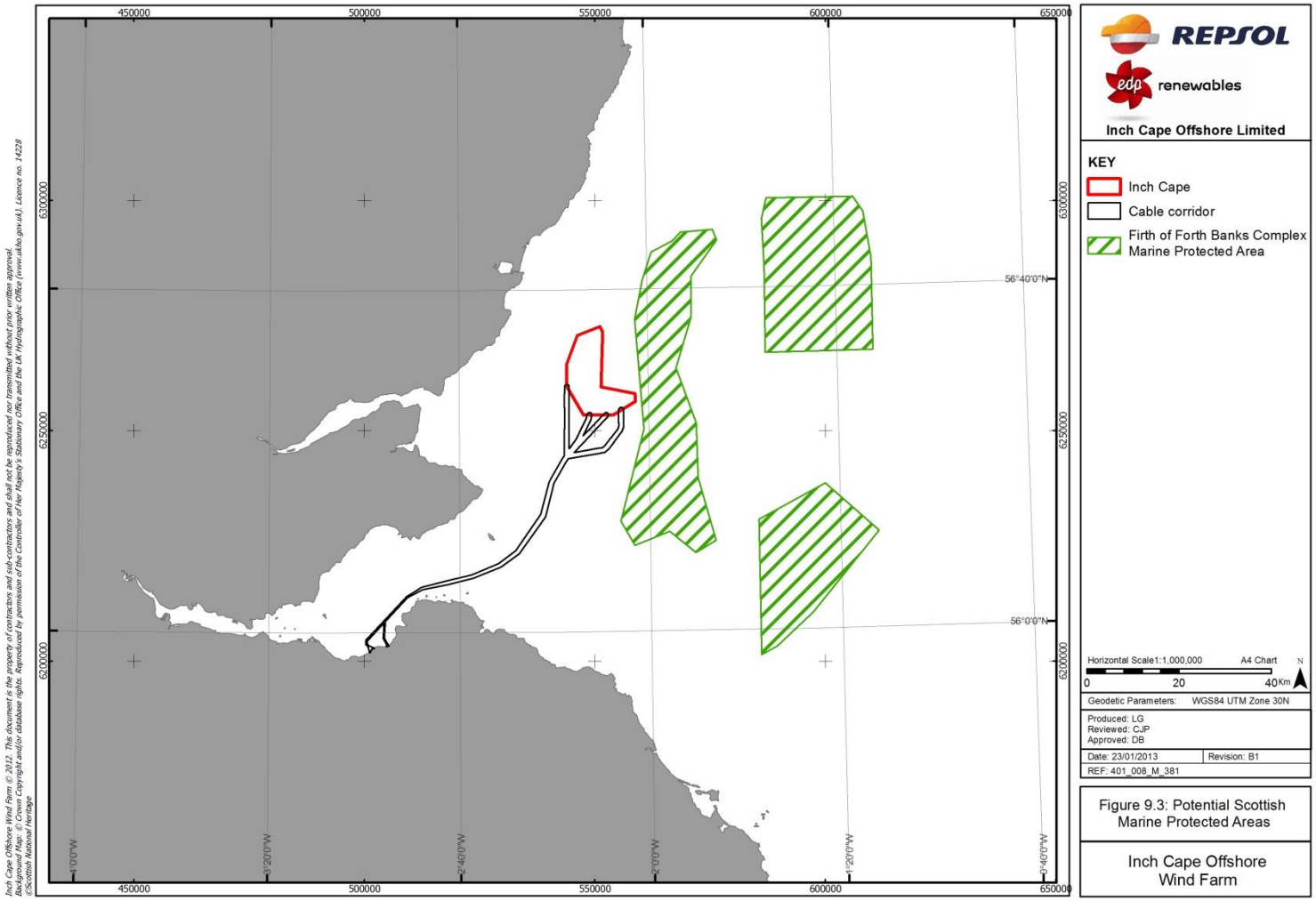


Figure 9.4: Designated Sites of Special Scientific Interest

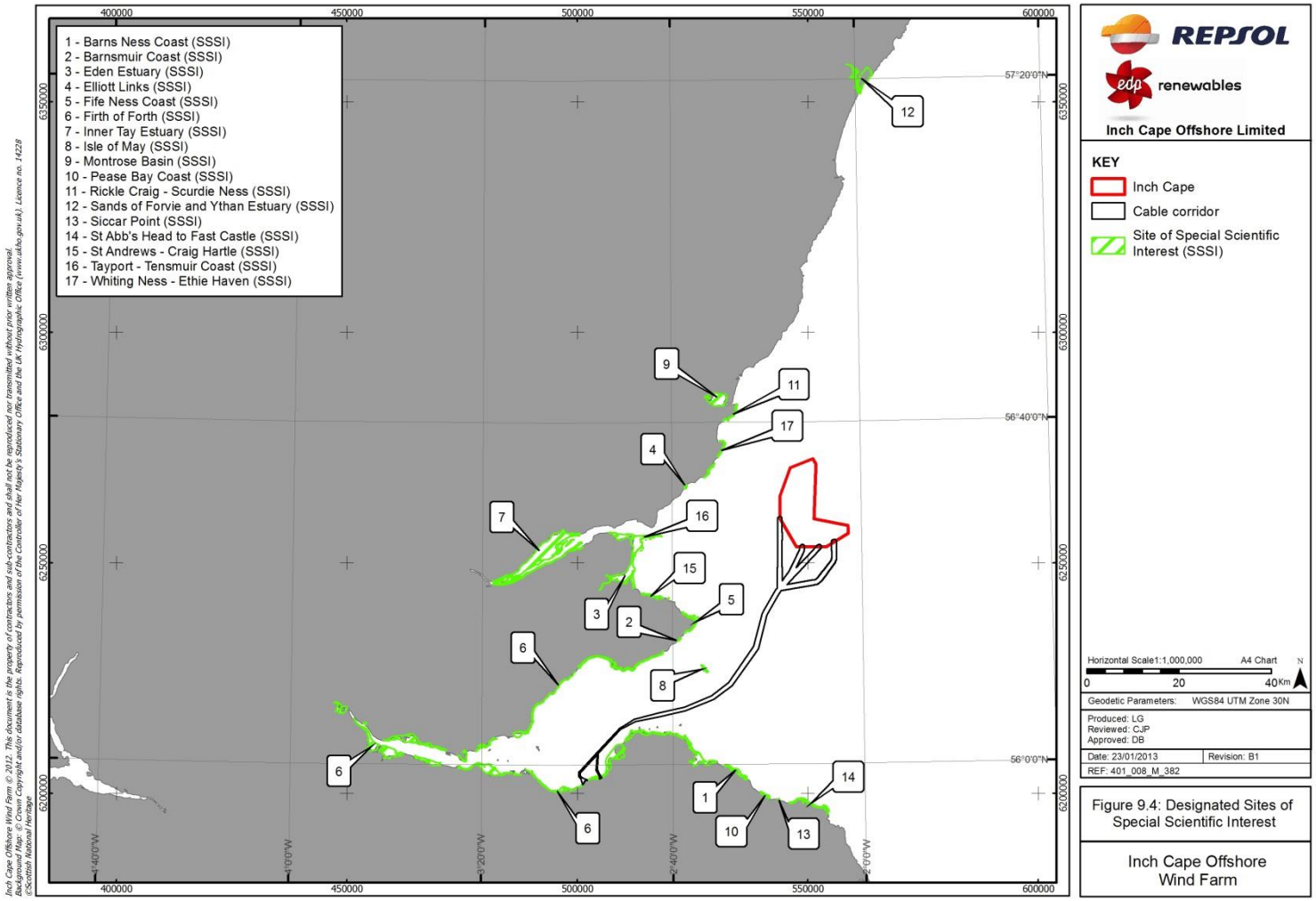


Figure 9.5: Designated Local Nature Reserve and National Nature Reserve Sites

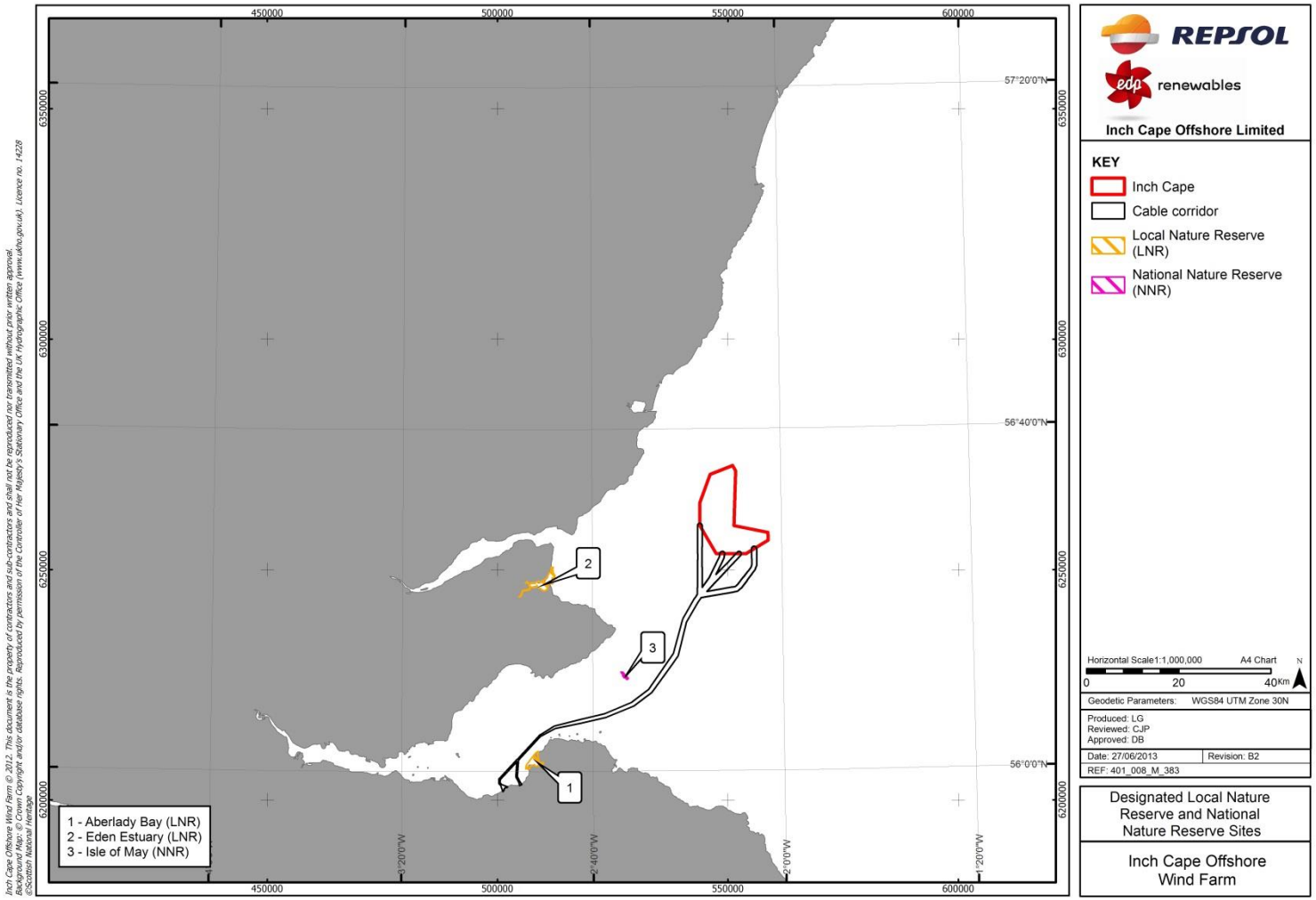


Figure 10.1: Metocean Surveys Undertaken to Support the Project

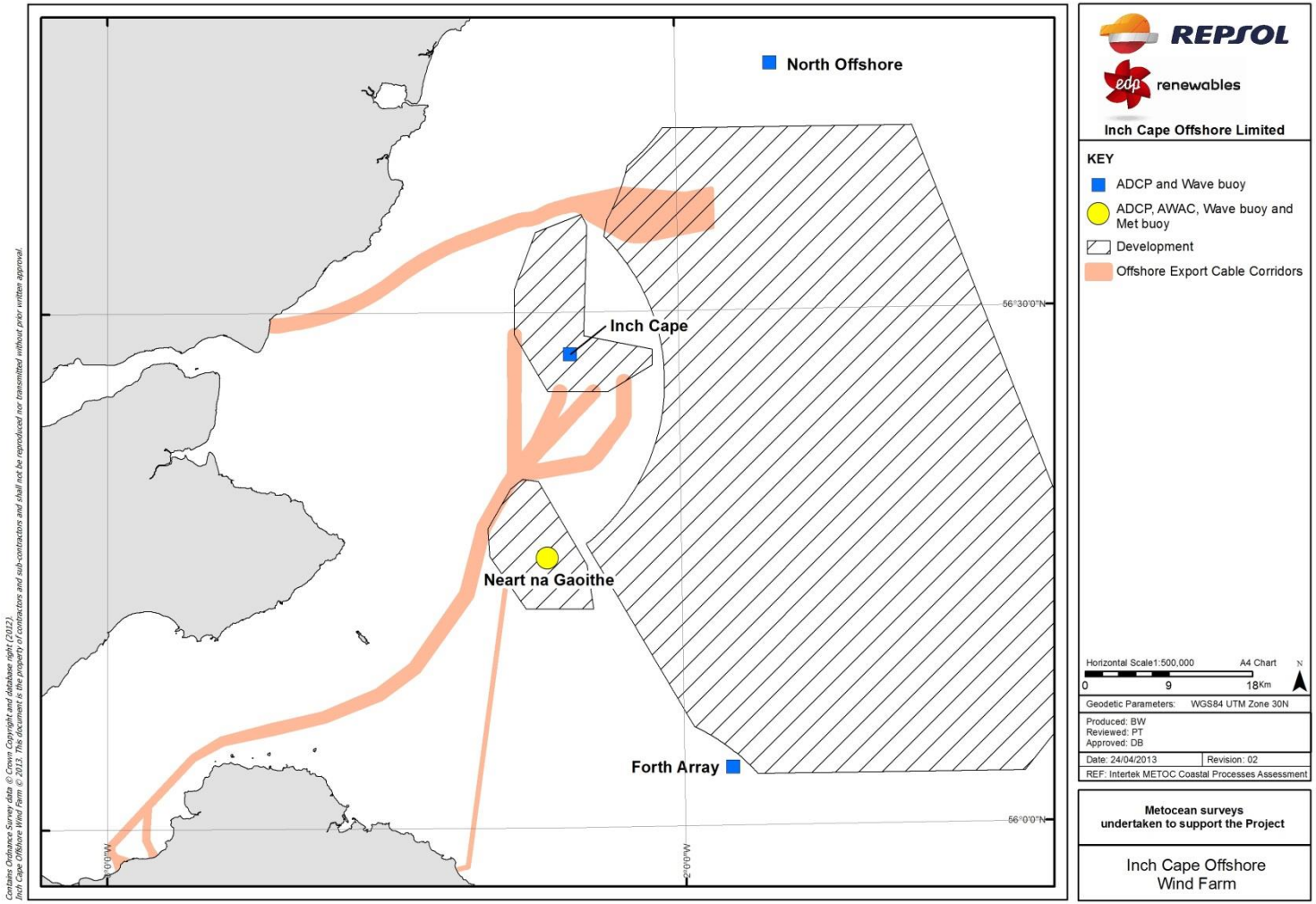


Figure 10.2: Geophysical, Geotechnical and Other Environmental Surveys Undertaken to Support the Project

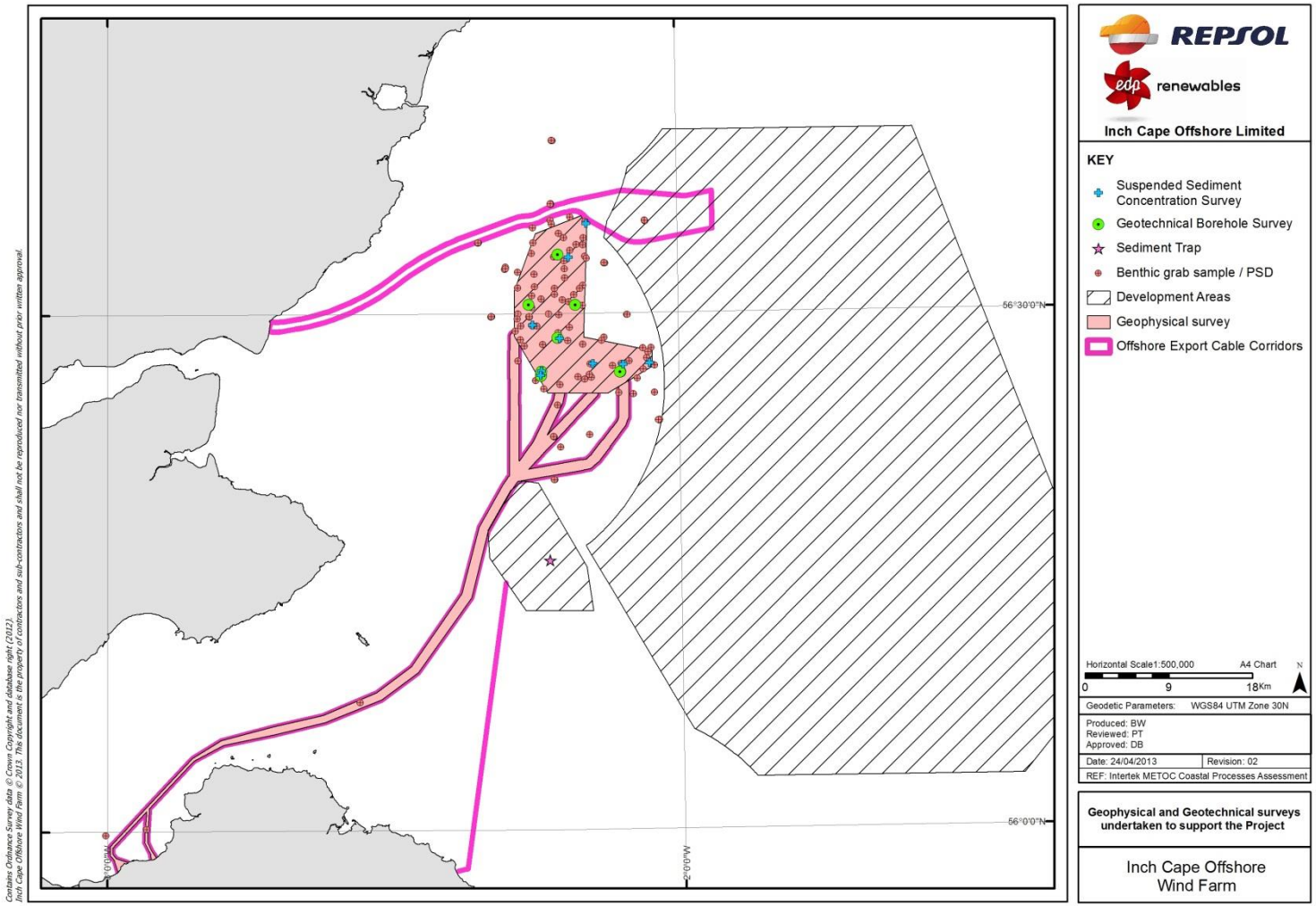


Figure 10.3: Geographical Overview of the Regional Study Area and FTMS Domain

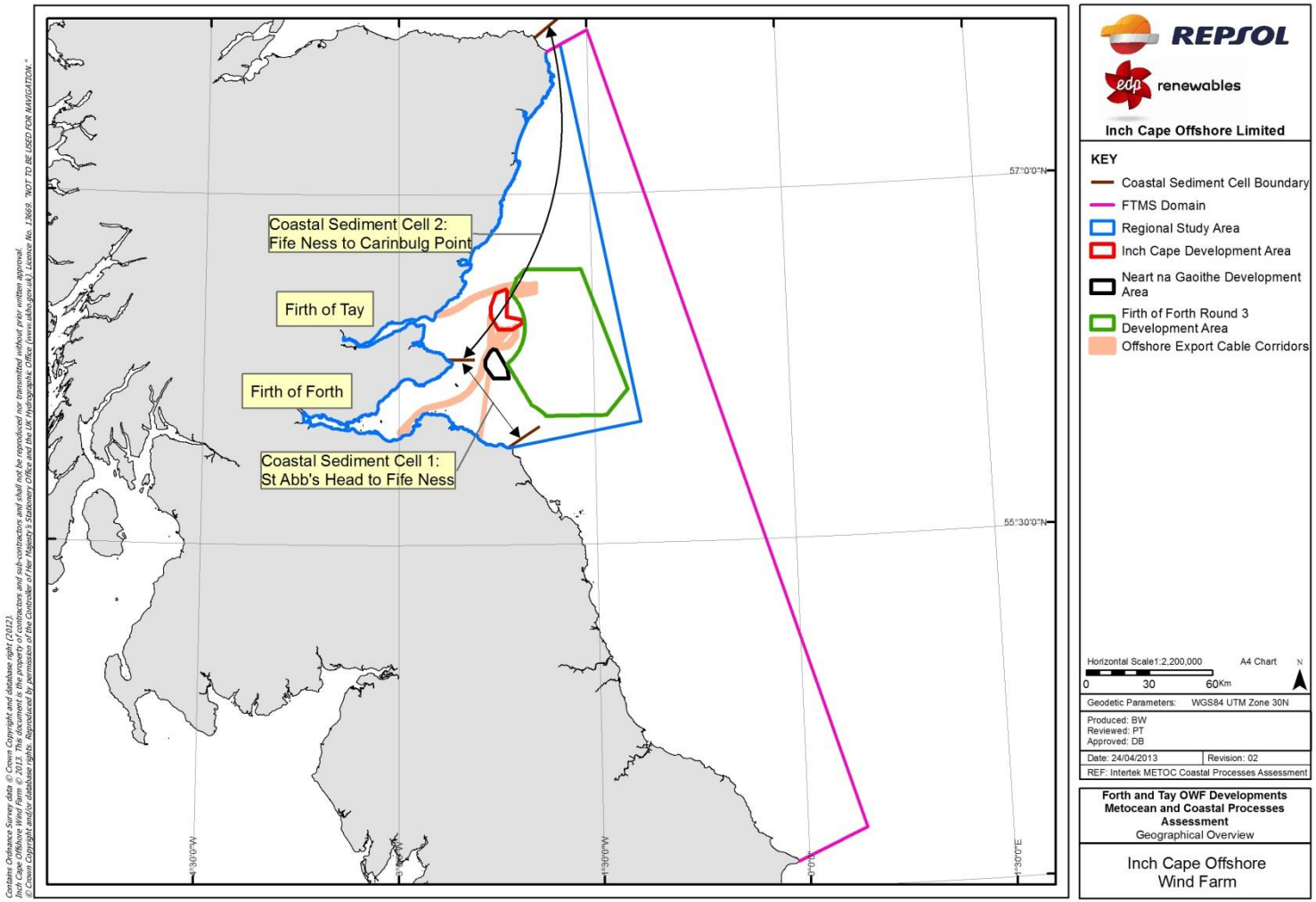


Figure 10.4: Regional Water Level (m) and Current Velocity Field (m/s) for a Mean Spring Tide across the Outer Firths Area from the FTMS (1 of 4)

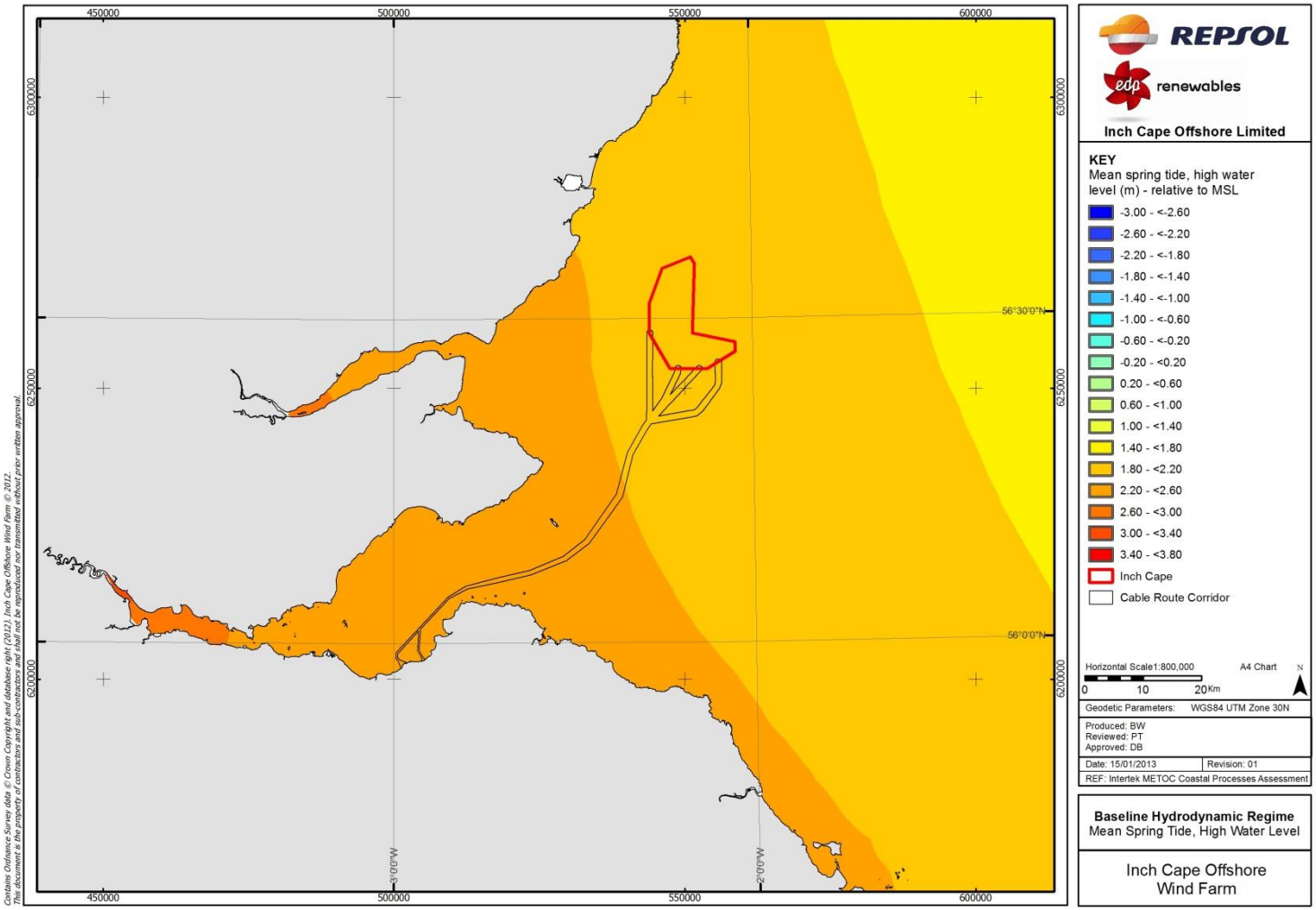


Figure 10.4: Regional Water Level (m) and Current Velocity Field (m/s) for a Mean Spring Tide across the Outer Firths Area from the FTMS (2 of 4)

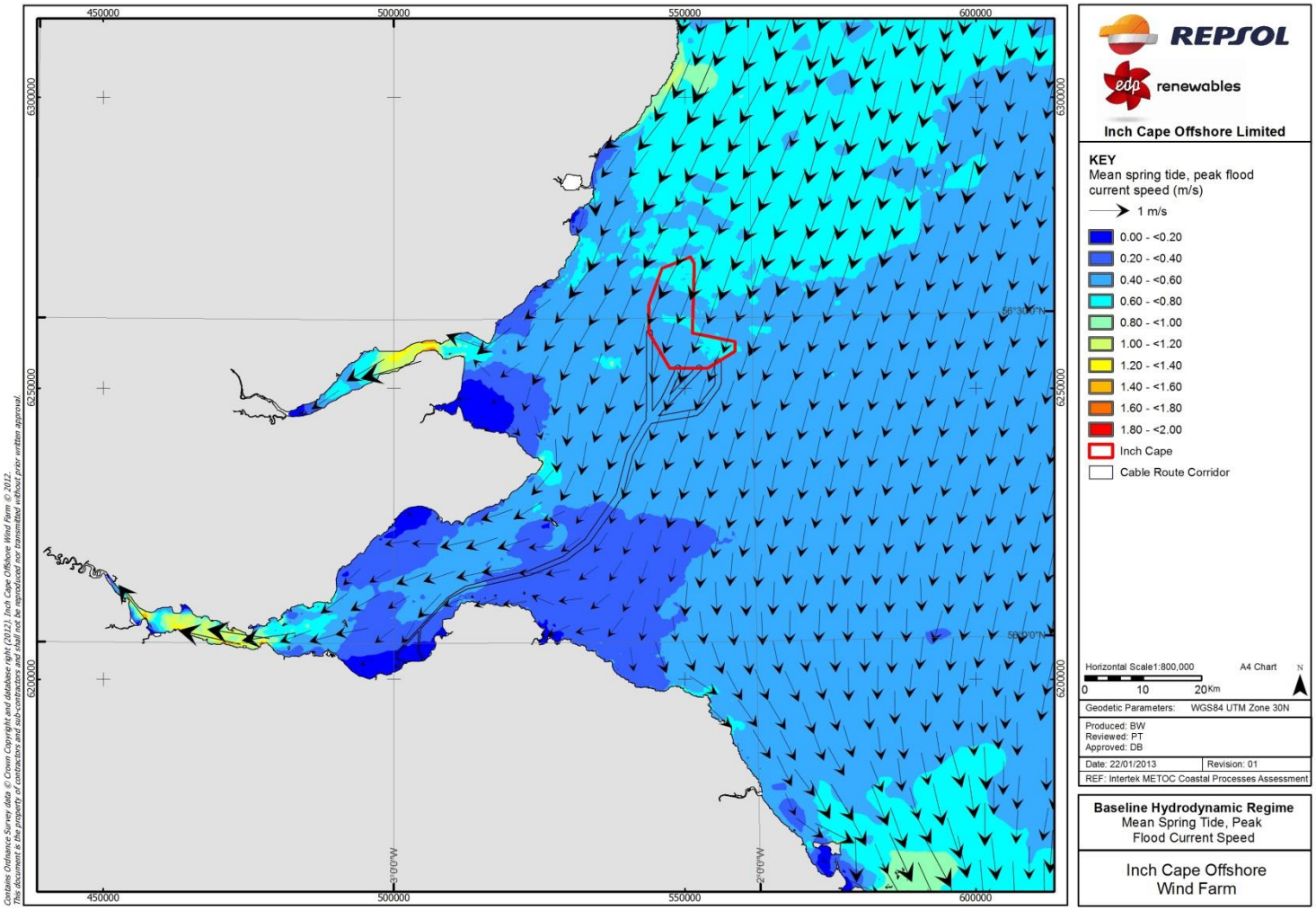


Figure 10.4: Regional Water Level (m) and Current Velocity Field (m/s) for a Mean Spring Tide across the Outer Firths Area from the FTMS (3 of 4)

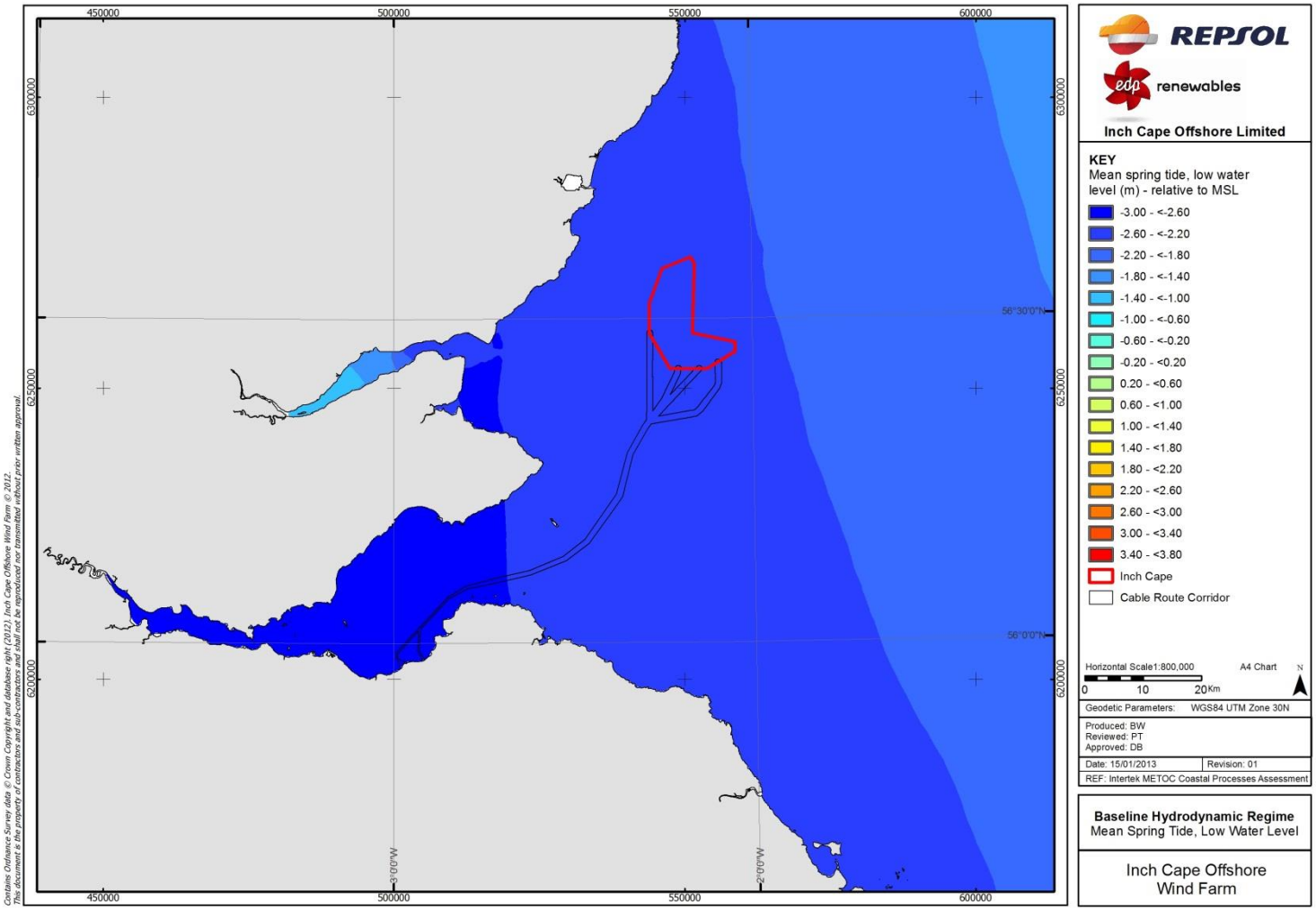


Figure 10.4: Regional Water Level (m) and Current Velocity Field (m/s) for a Mean Spring Tide across the Outer Firths Area from the FTMS (4 of 4)

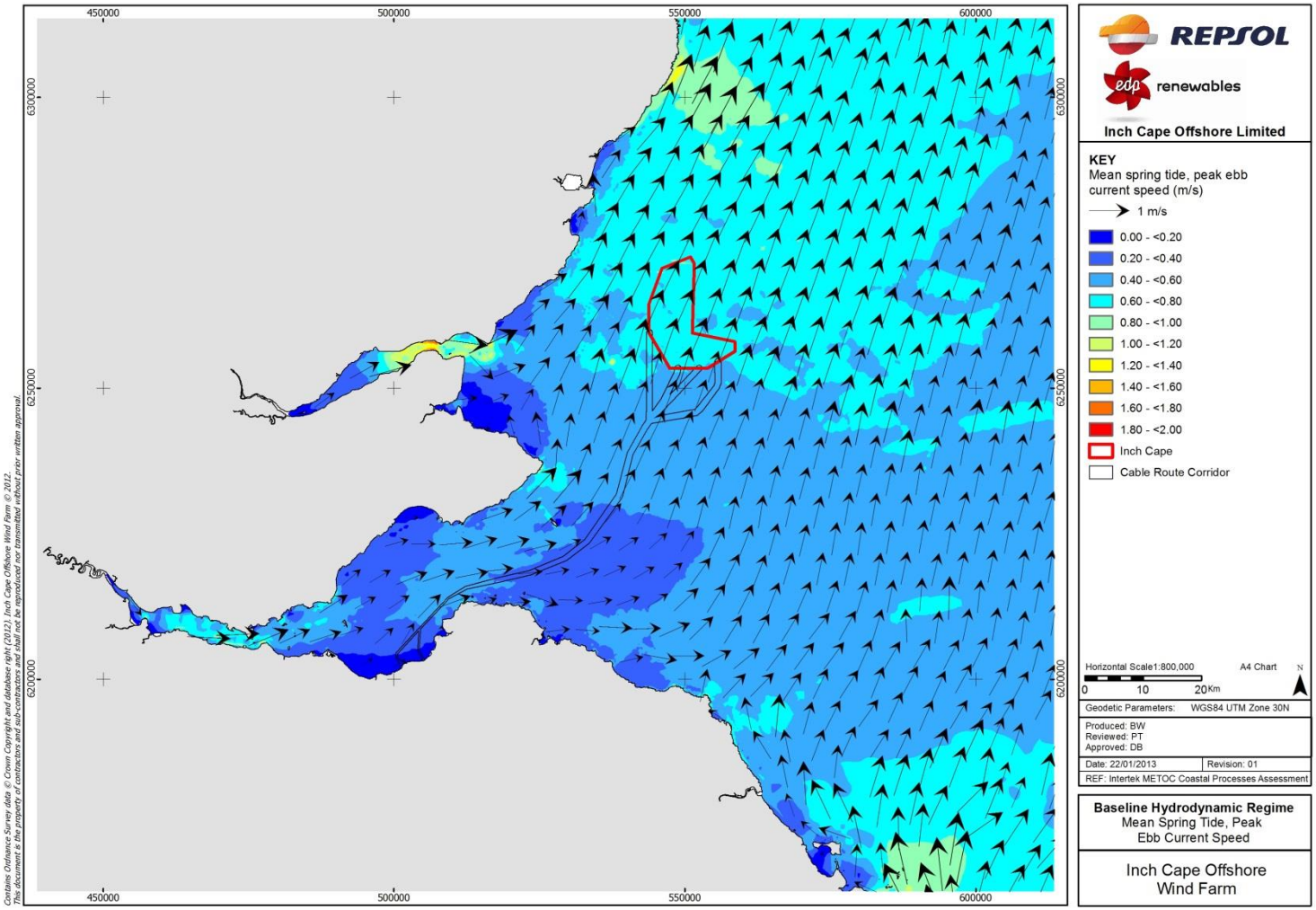


Figure 10.5: Regional Significant Wave Height (m) across the Outer Firths area from the FTMS (1 of 4)

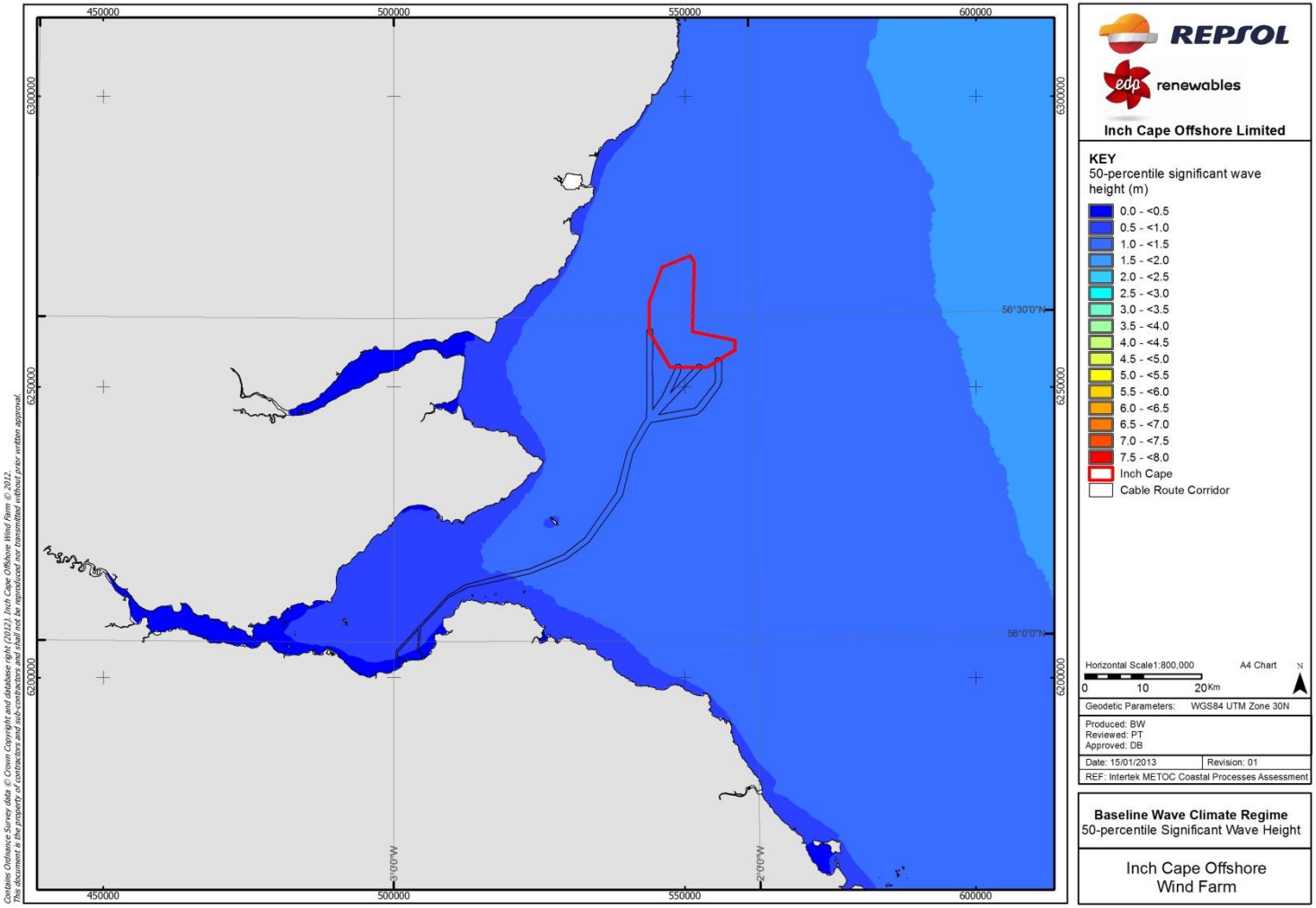


Figure 10.5: Regional Significant Wave Height (m) across the Outer Firths area from the FTMS (2 of 4)

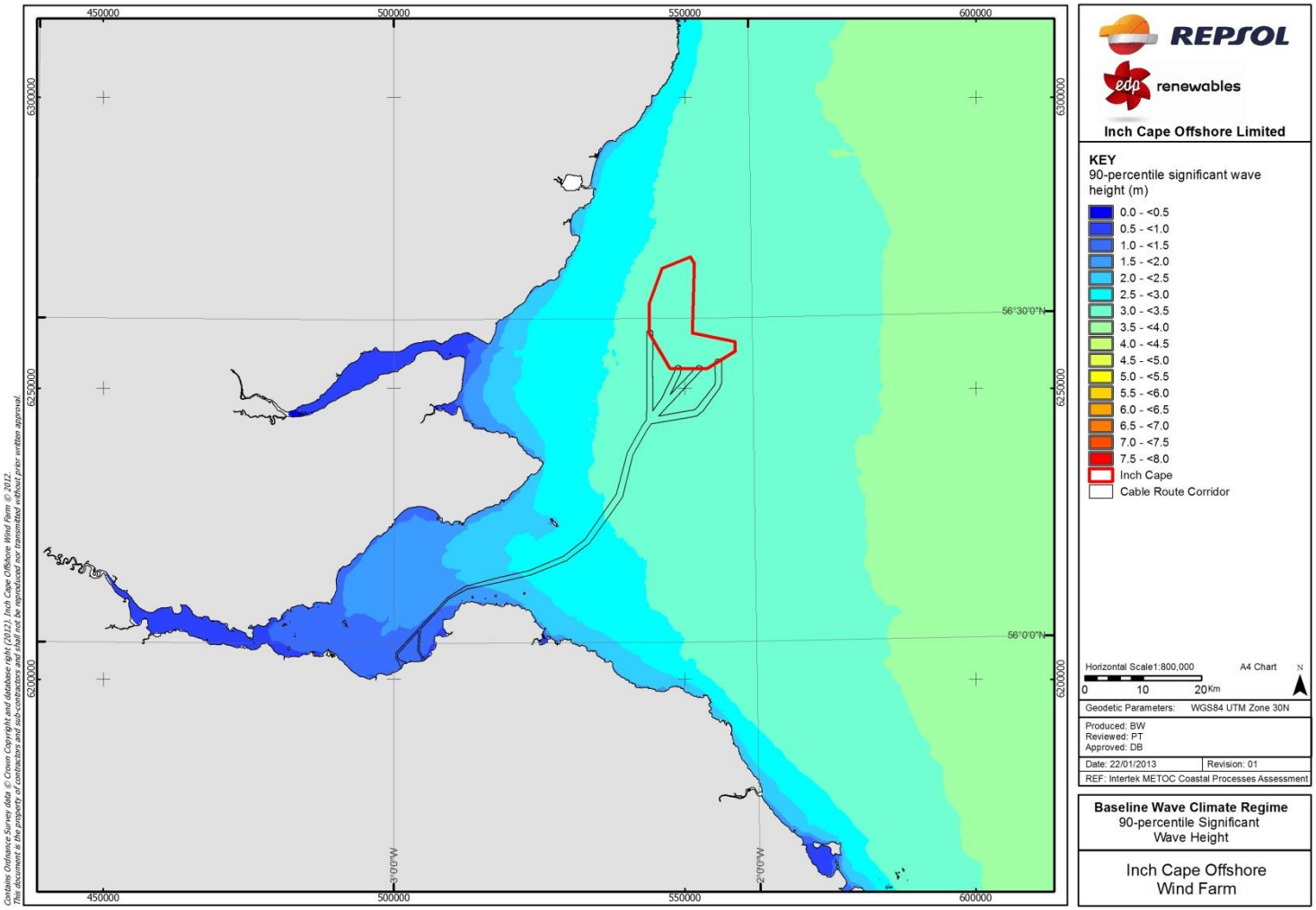


Figure 10.5: Regional Significant Wave Height (m) across the Outer Firths area from the FTMS (3 of 4)

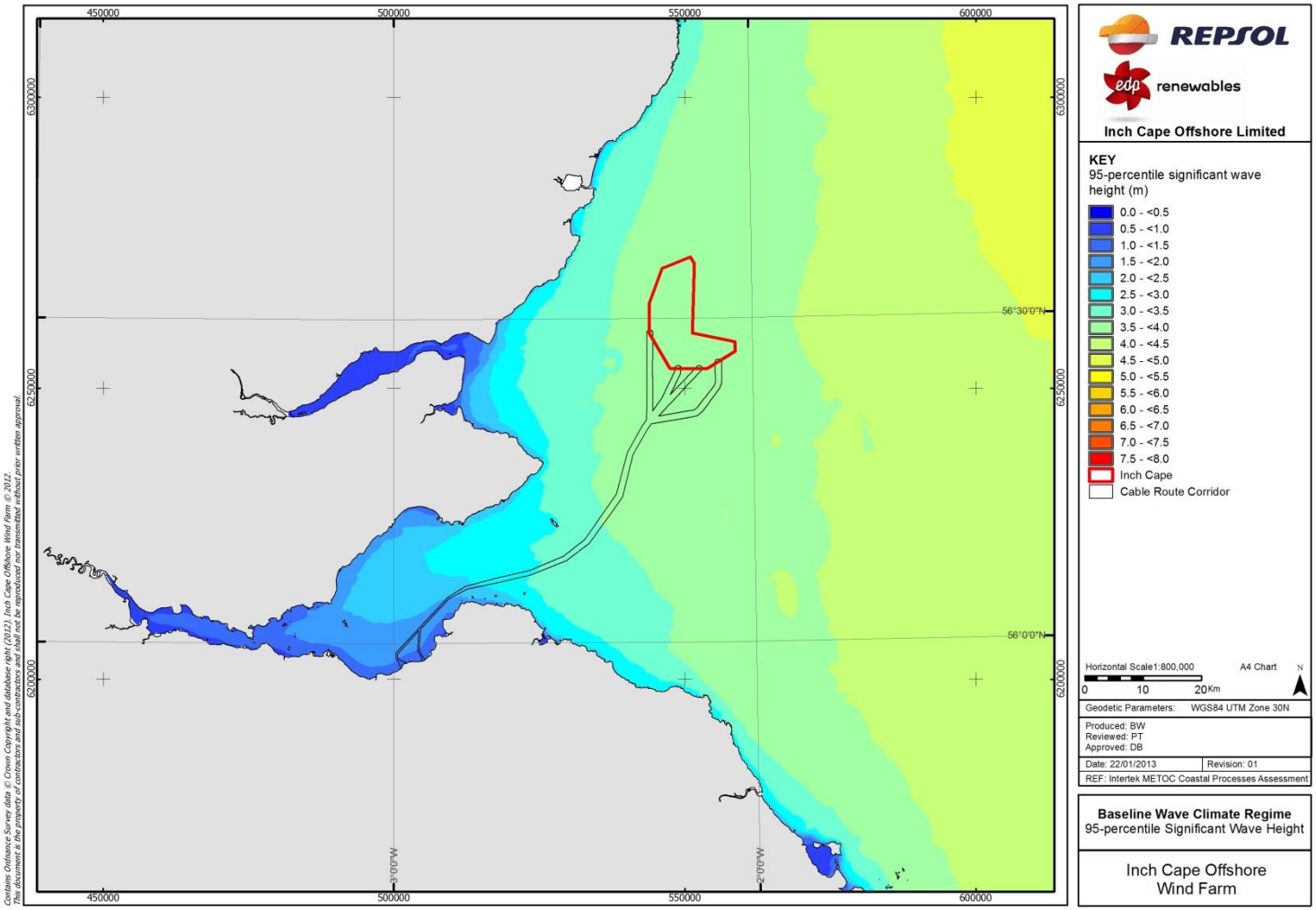


Figure 10.5: Regional Significant Wave Height (m) across the Outer Firths area from the FTMS (4 of 4)

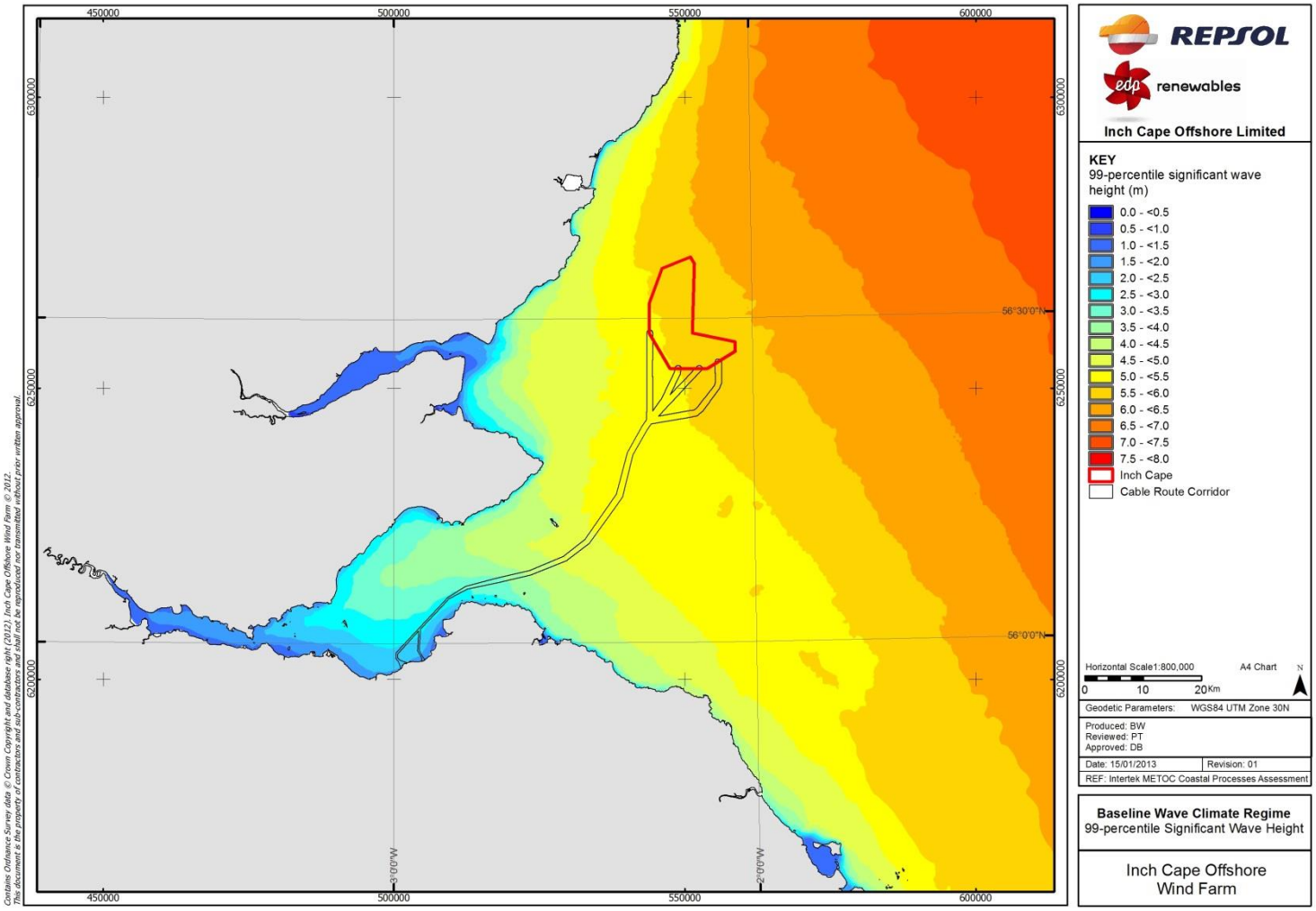


Figure 10.6: Suspended Sediment Concentration due to Scouring around Jacket Structures – Six days after 'Commencement'

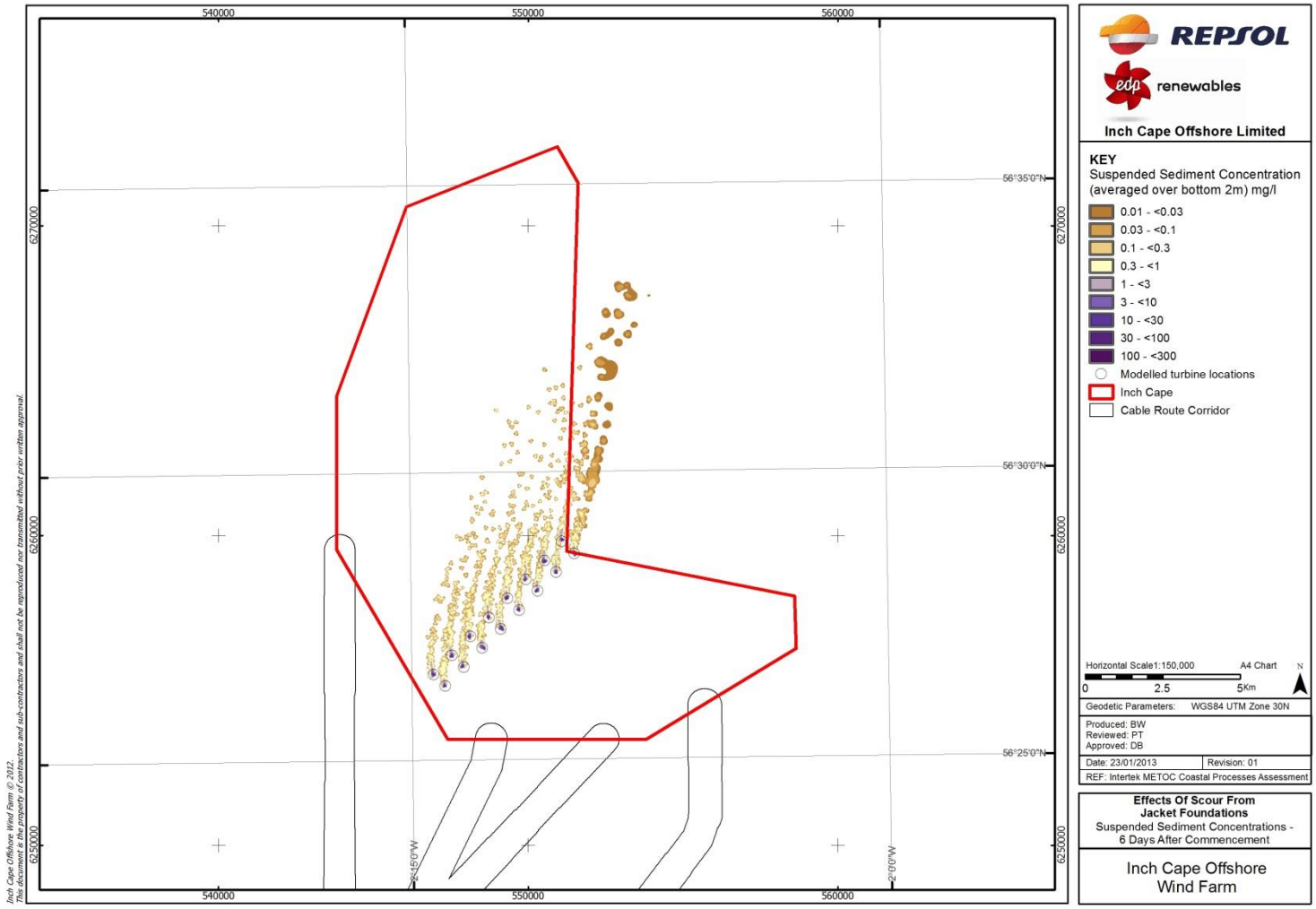


Figure 10.7: Suspended Sediment Concentration due to Scouring around Jacket Structures – 13 days after 'Commencement'

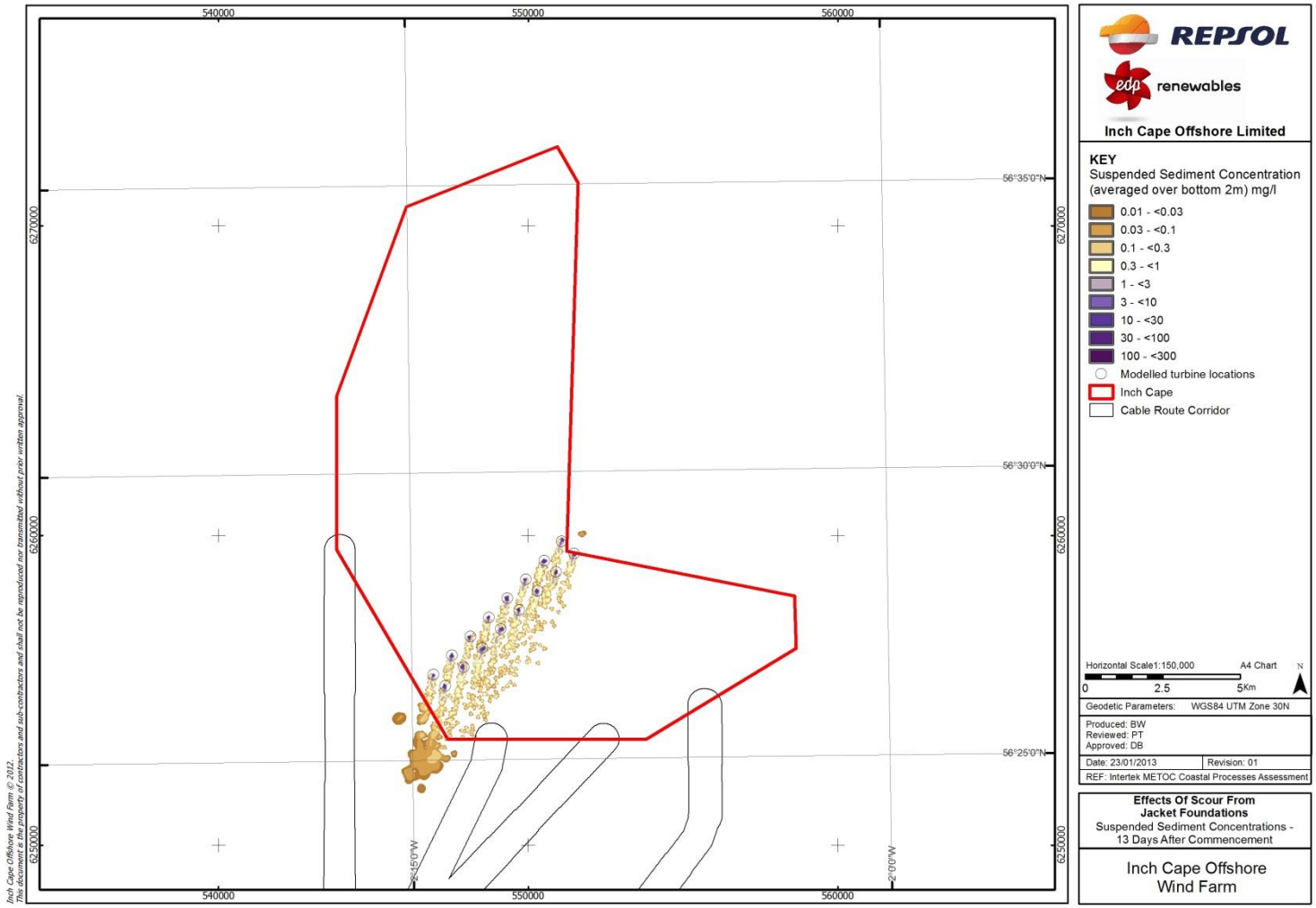


Figure 10.8: Deposition Thickness due to GBS Dredging – after all Material has Settled

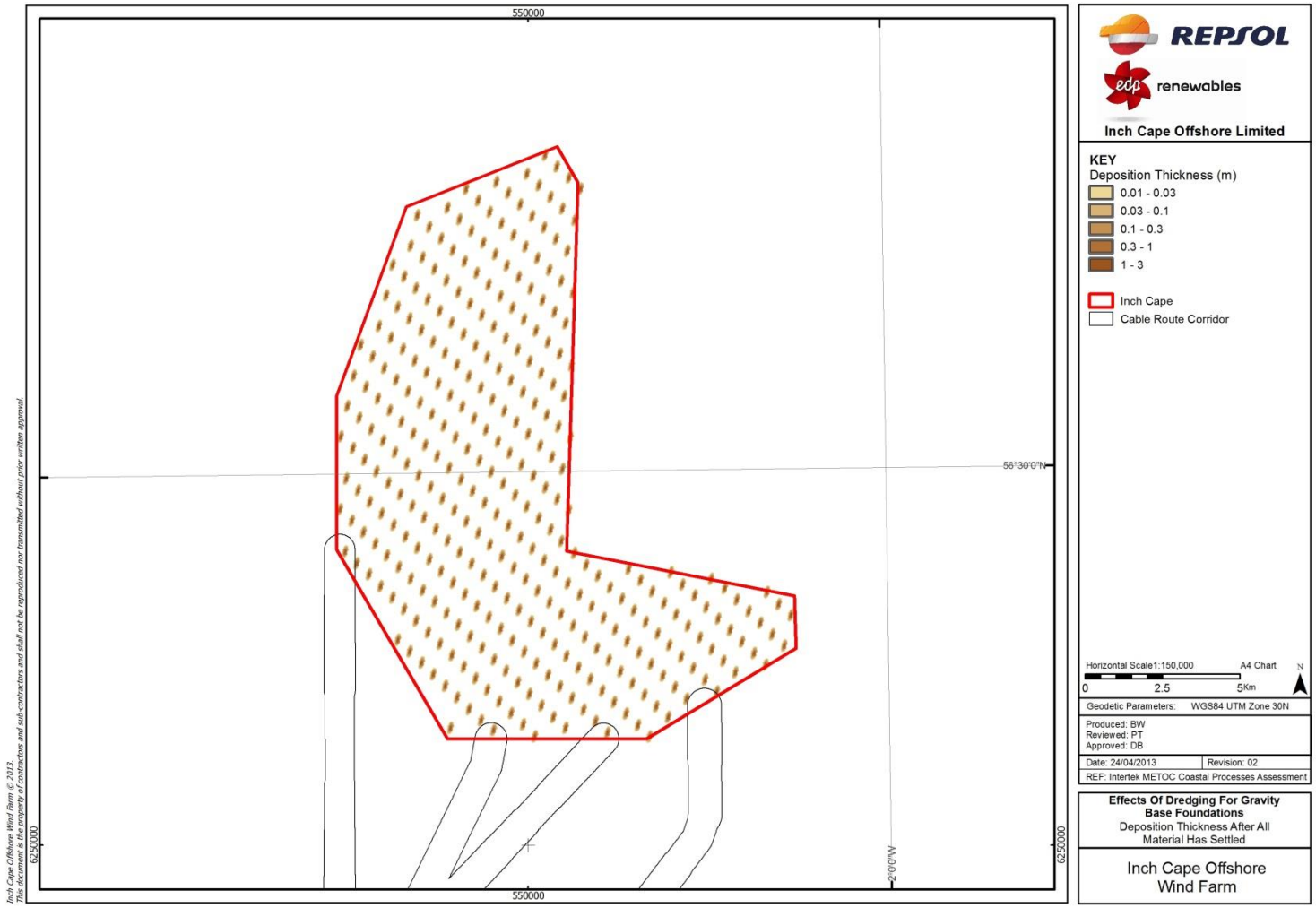


Figure 10.9: Deposition Thickness due to Scouring around Jacket Structures – after all Scoured Material has Settled

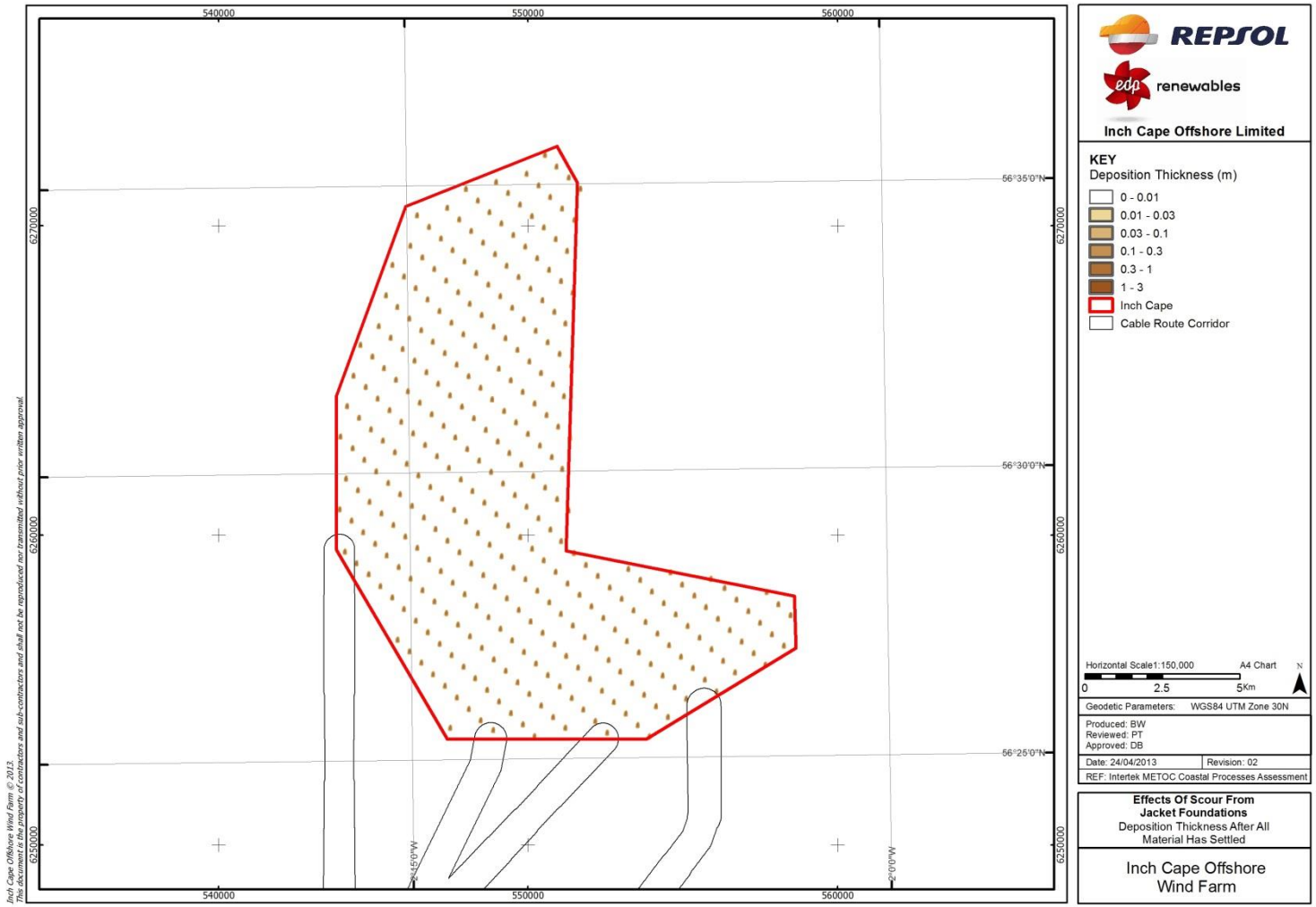


Figure 10.10: Difference in Mean Spring Tide High Water Level (m) in the Development Area – Near-Field

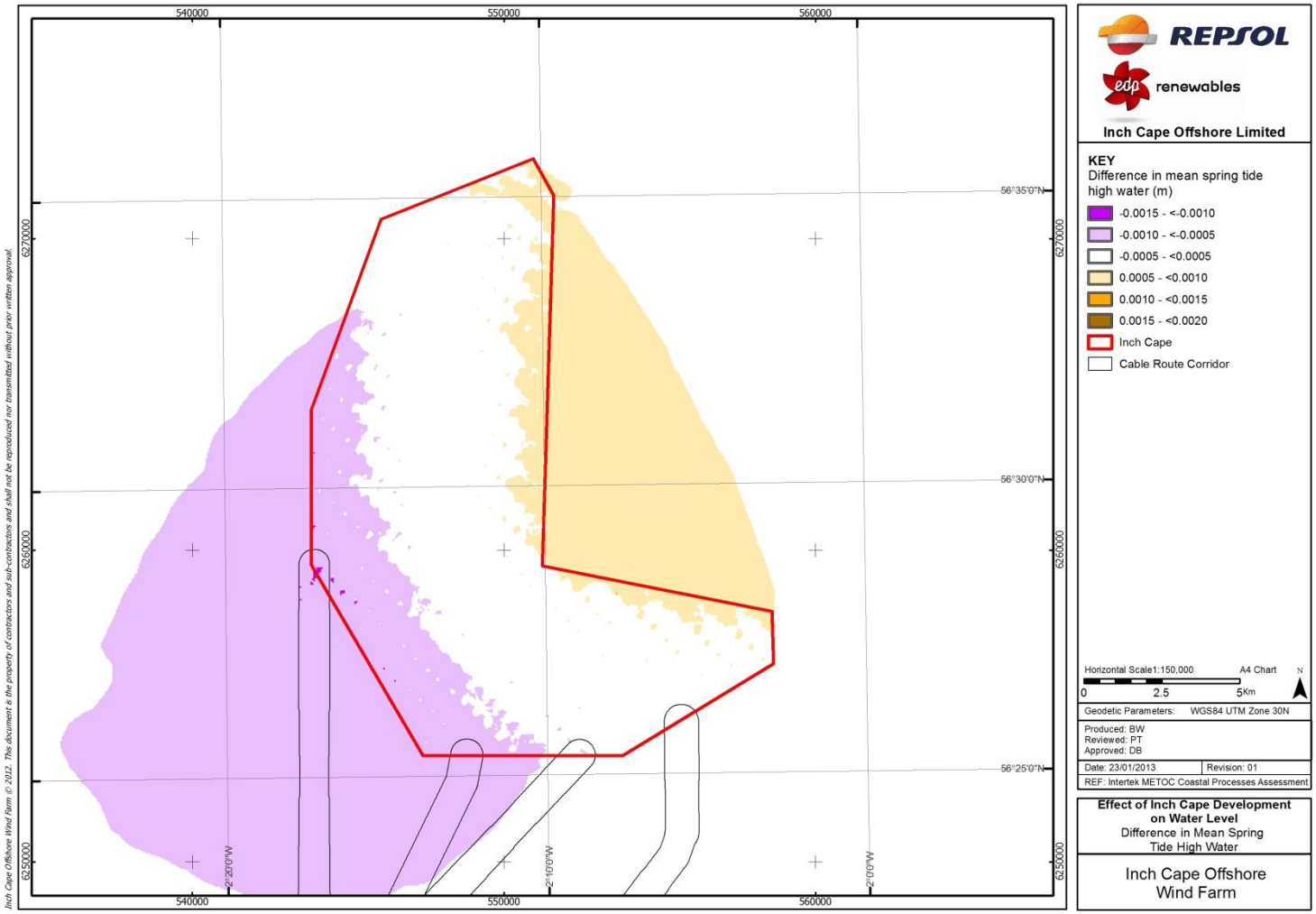


Figure 10.11: Difference in Mean Spring Tide Low Water Level (m) in the Development Area

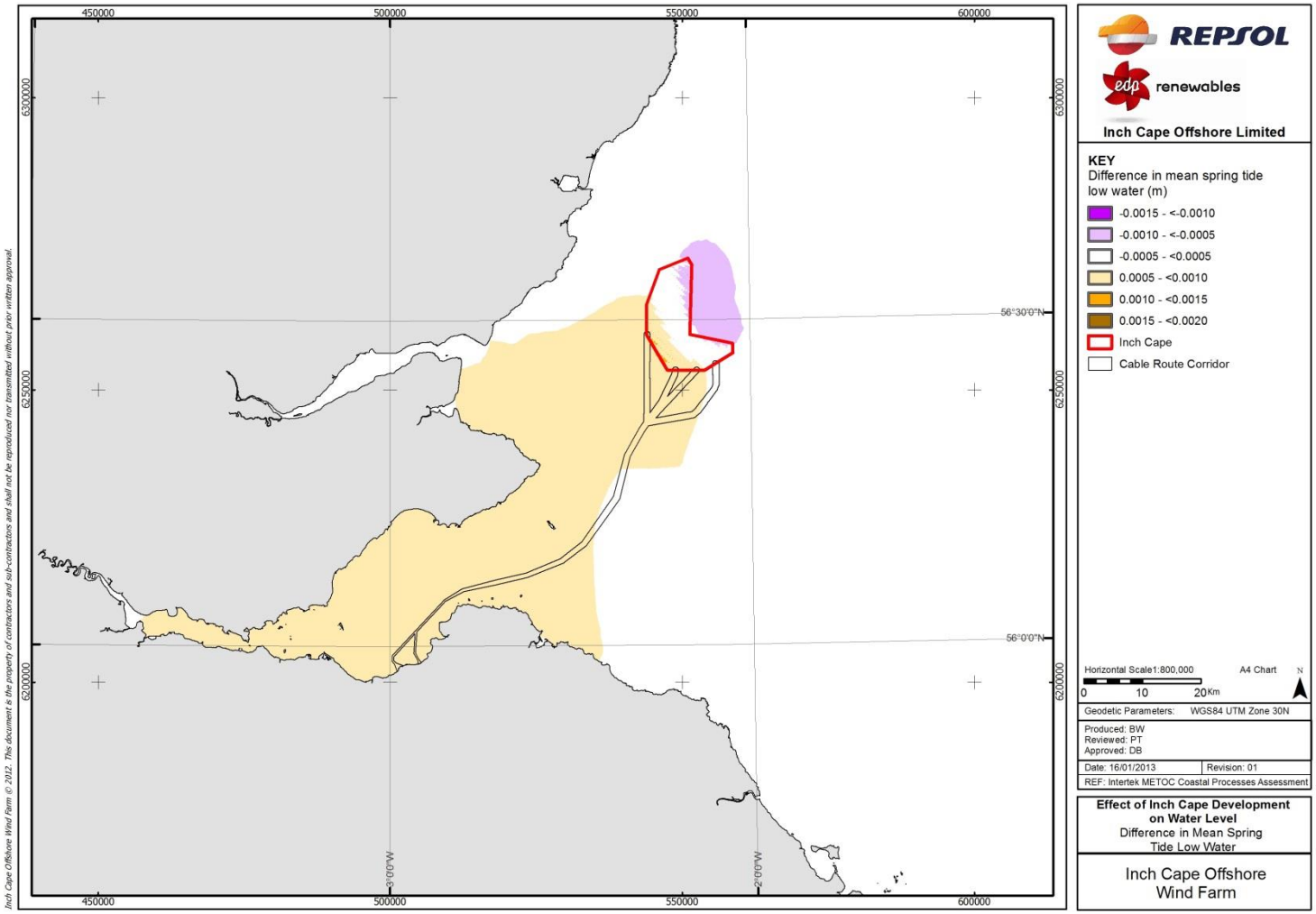


Figure 10.12: Difference in Mean Spring Tide Peak Flood Current Speed (m/s) in the Development Area – Near-Field

Figure 10.13: Difference in Mean Spring Tide Peak Ebb Current Speed (m/s) in the Development Area – Near-Field

Figure 10.14: Difference in 50-percentile Significant Wave Height (m) in the Development Area – Near-Field

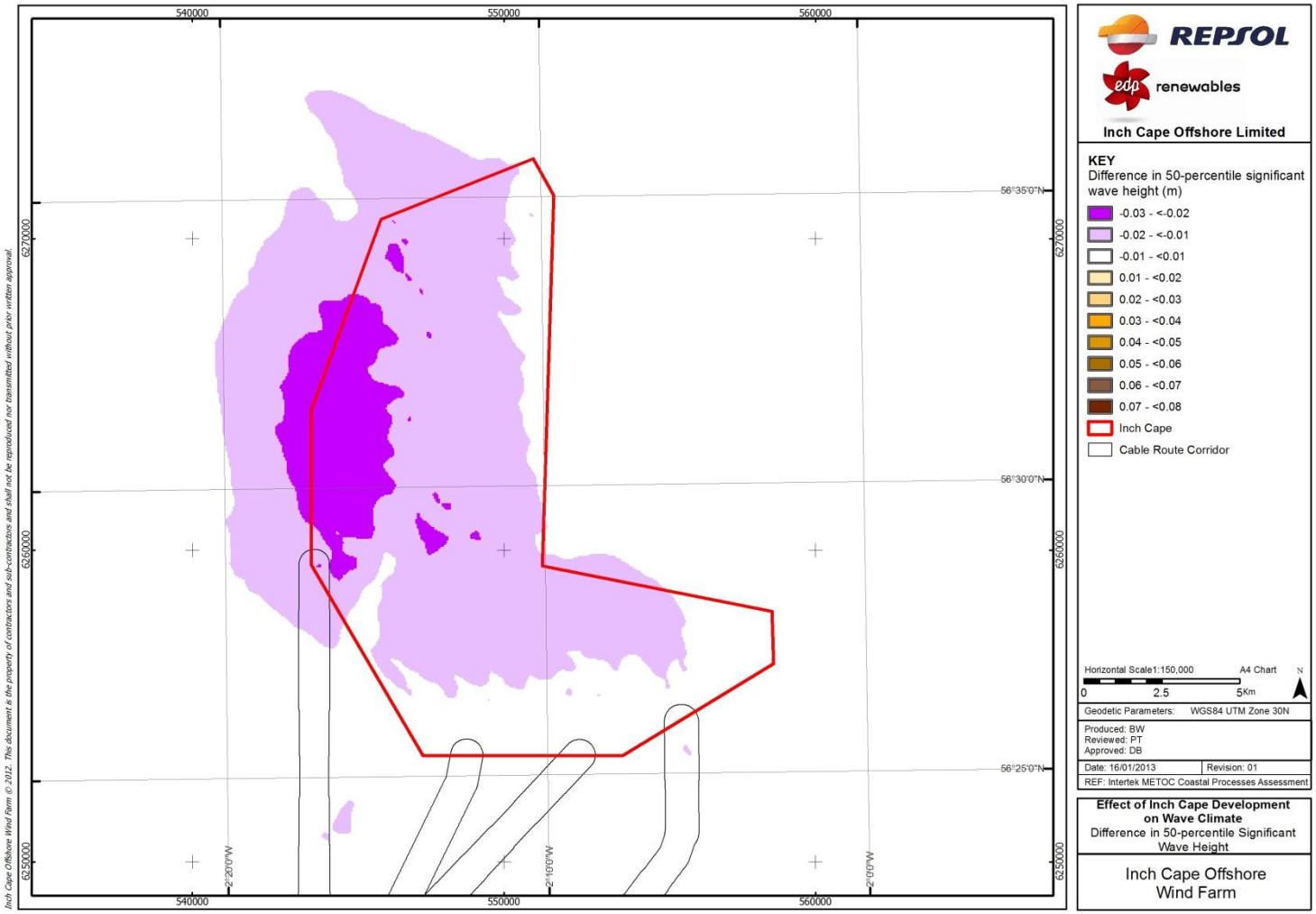


Figure 10.15: Difference in 99-percentile Significant Wave Height (m) in the Development Area – Near-Field

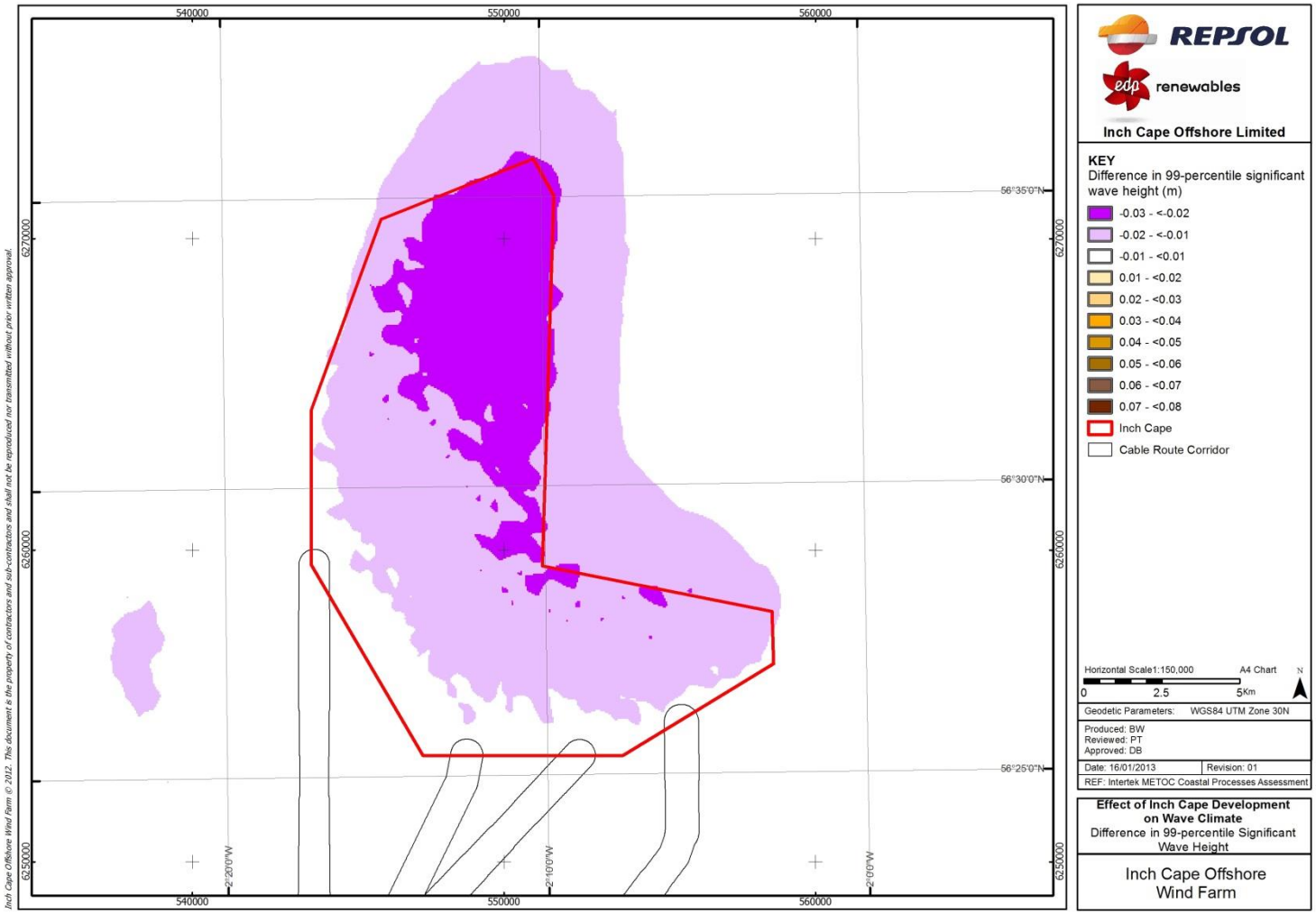


Figure 10.16: Difference in the Exceedance of Critical Shear Stress (%) in the Development Area – Based on the Combined (Currents Plus Waves) Mean Bed Shear Stress – Near-Field

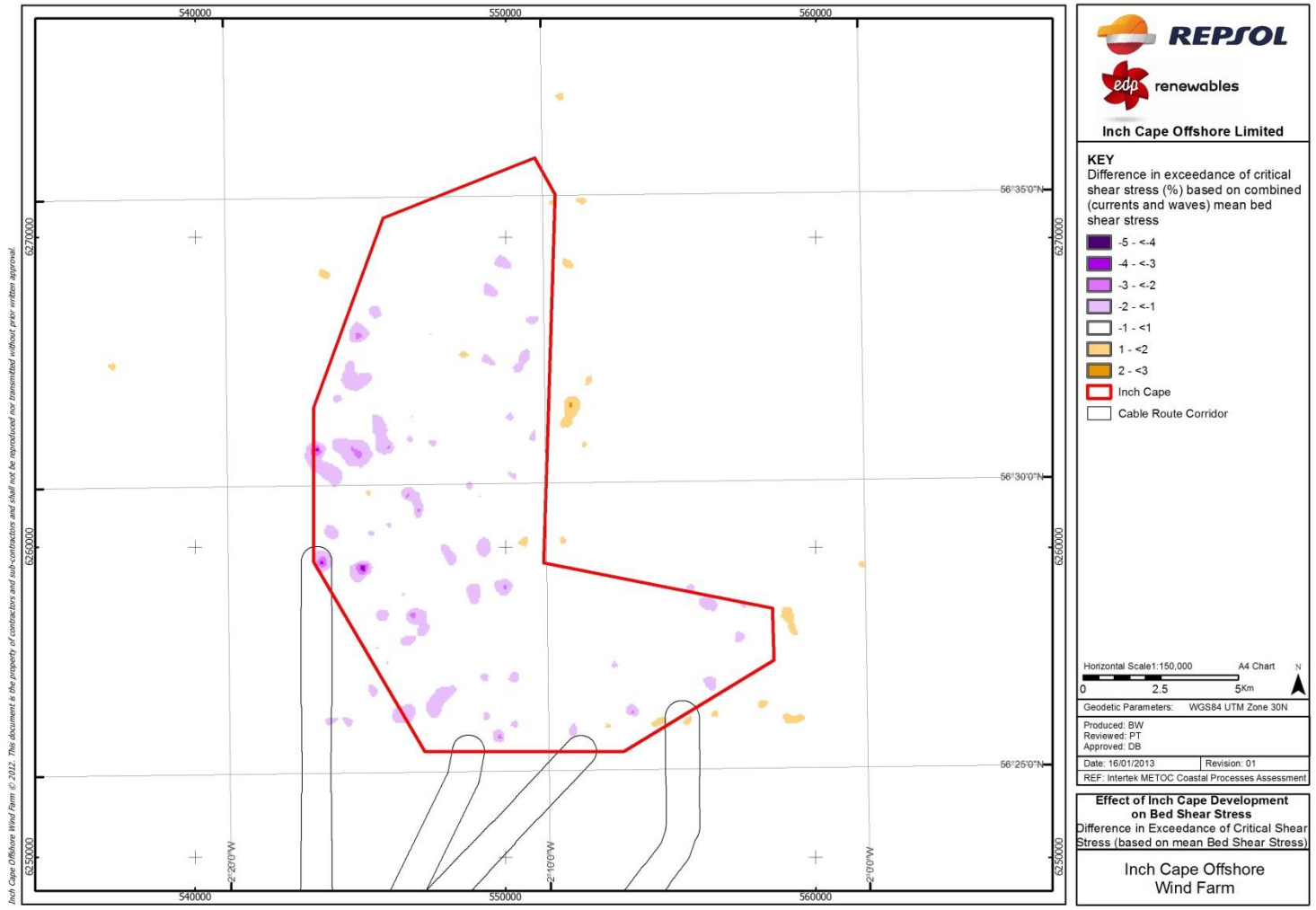


Figure 10.17: Difference in the Exceedance of Critical Shear Stress (%) in the Development Area – Based on the Combined (Currents Plus Waves) Maximum Bed Shear Stress – Near-Field

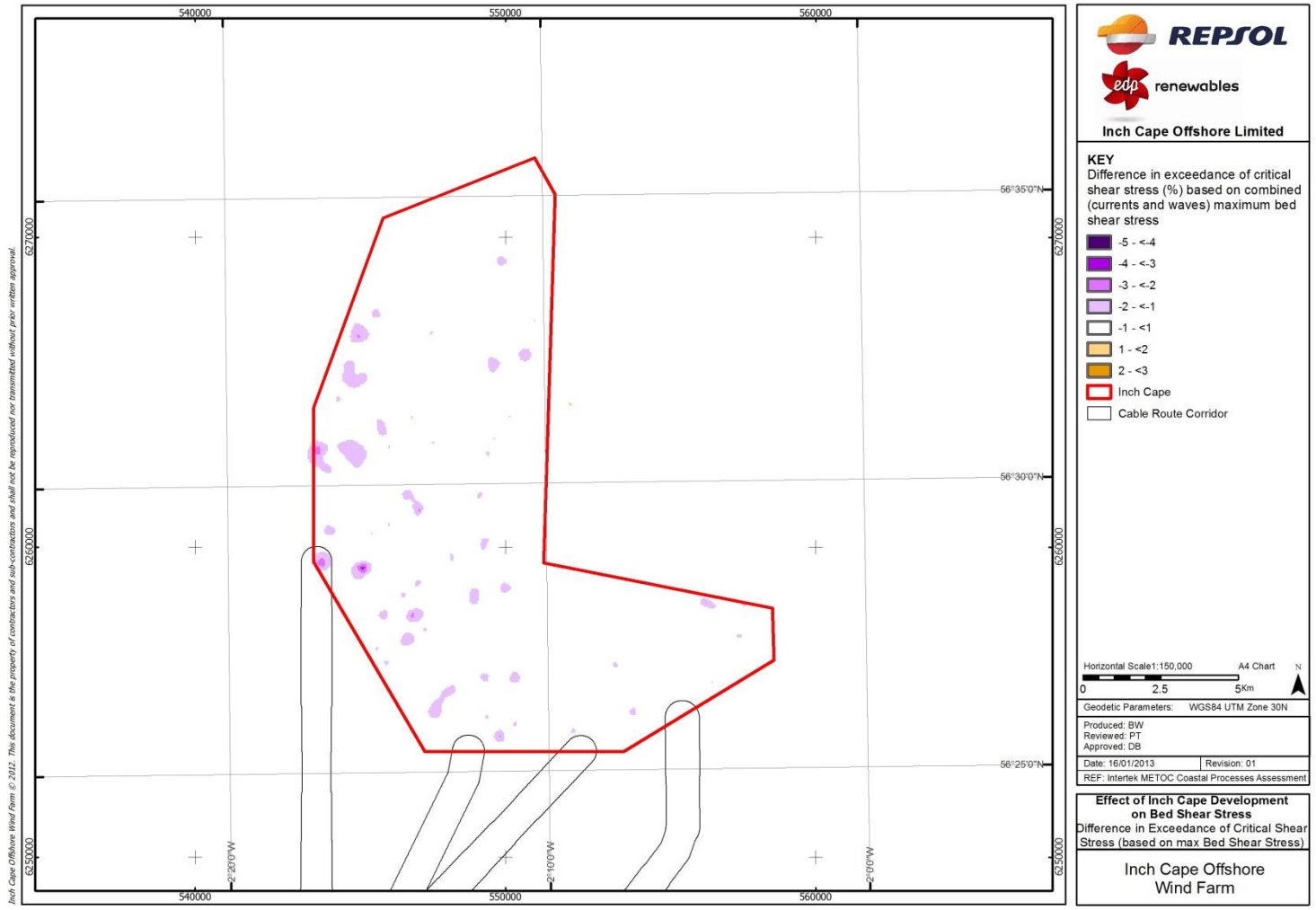


Figure 10.18: Impact of Works in the Development Area on Suspended Sediment Pathways

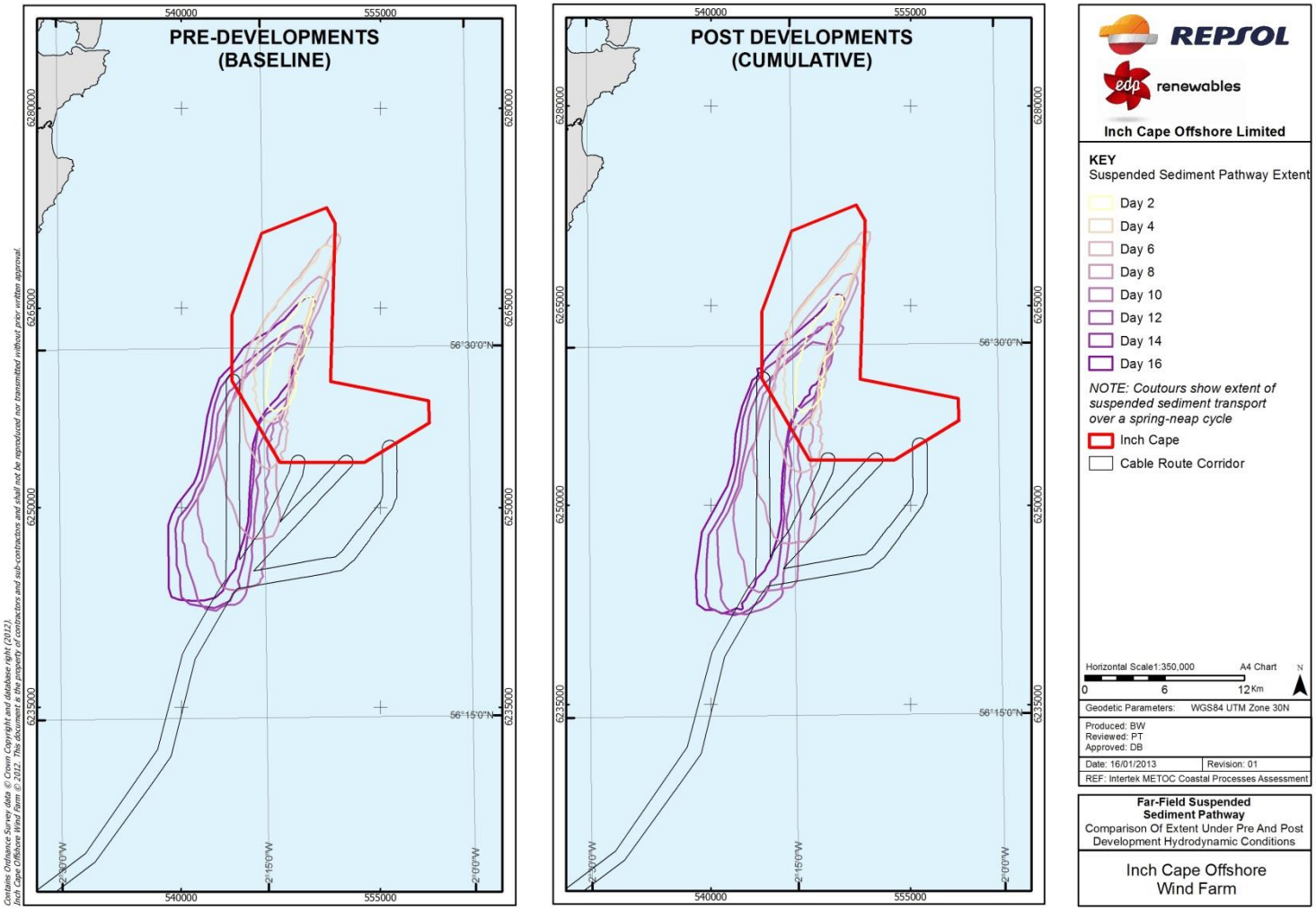


Figure 10.19: Deposition Thickness due to Cable Burial – Three Selected Locations in the Offshore Export Cable Corridor

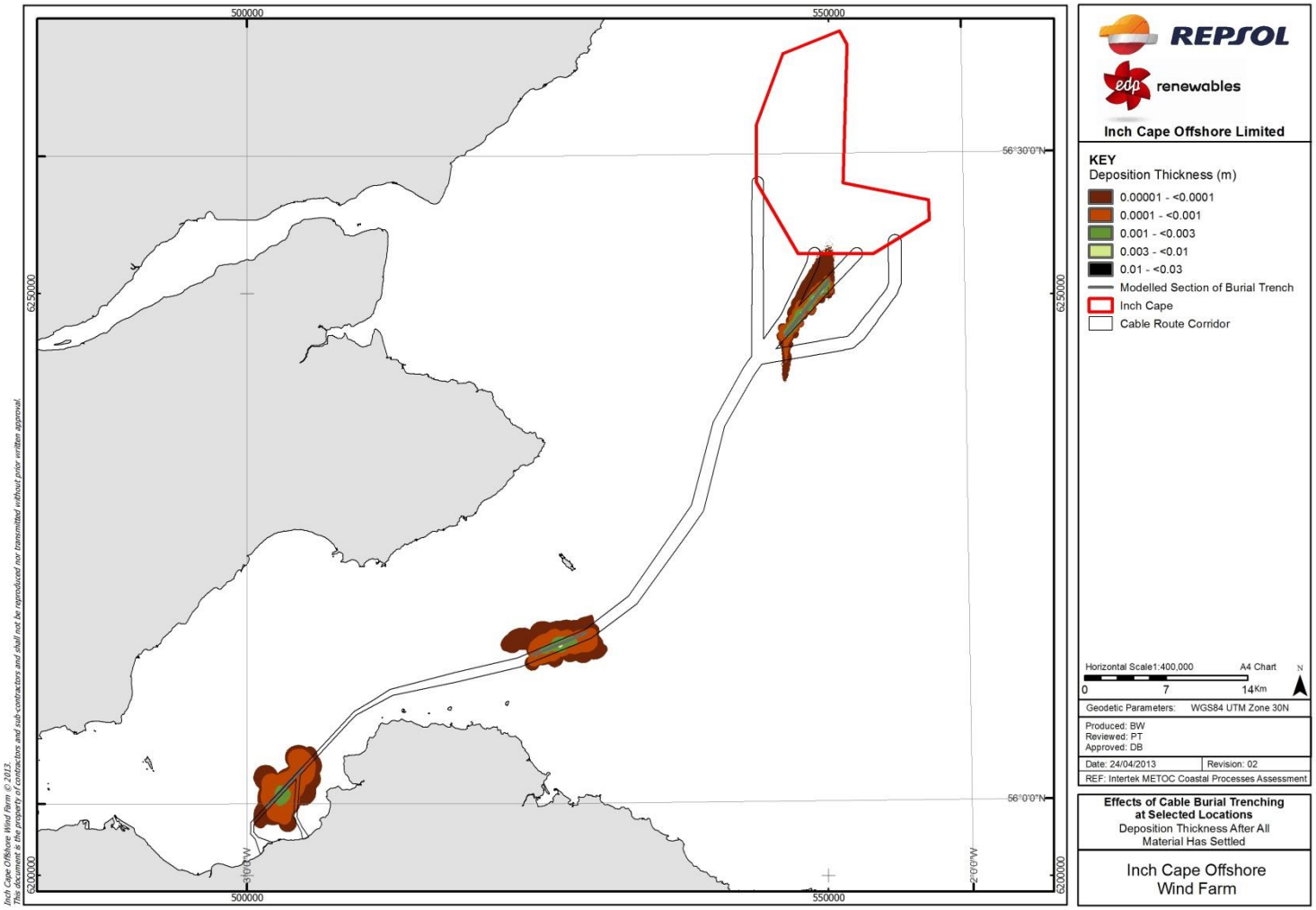


Figure 10.20: Modelled WTG Locations for the Cumulative Assessment

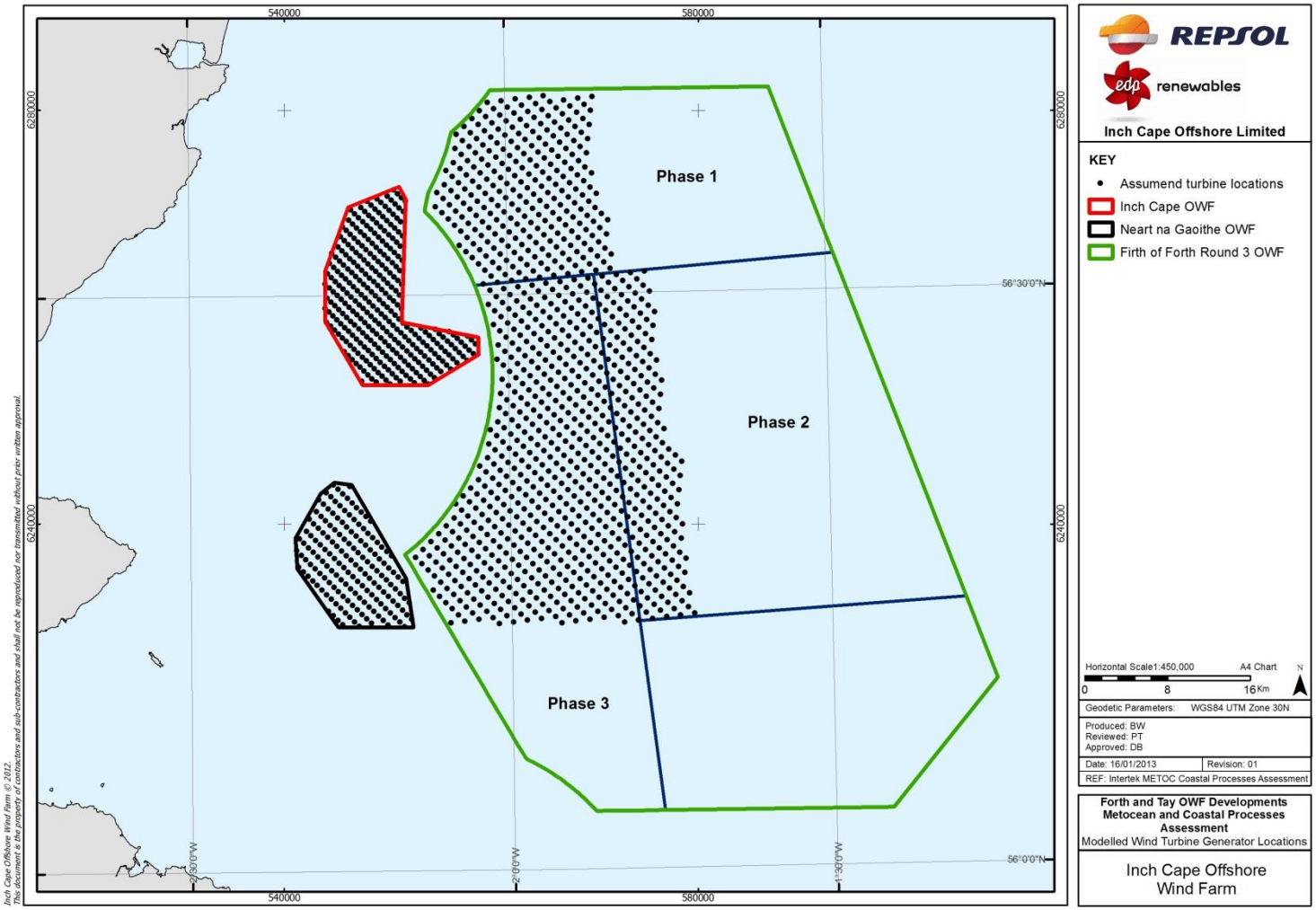


Figure 10.21: Cumulative Difference to Mean Spring Tide High Water Level (m) due to the Project with Other Projects

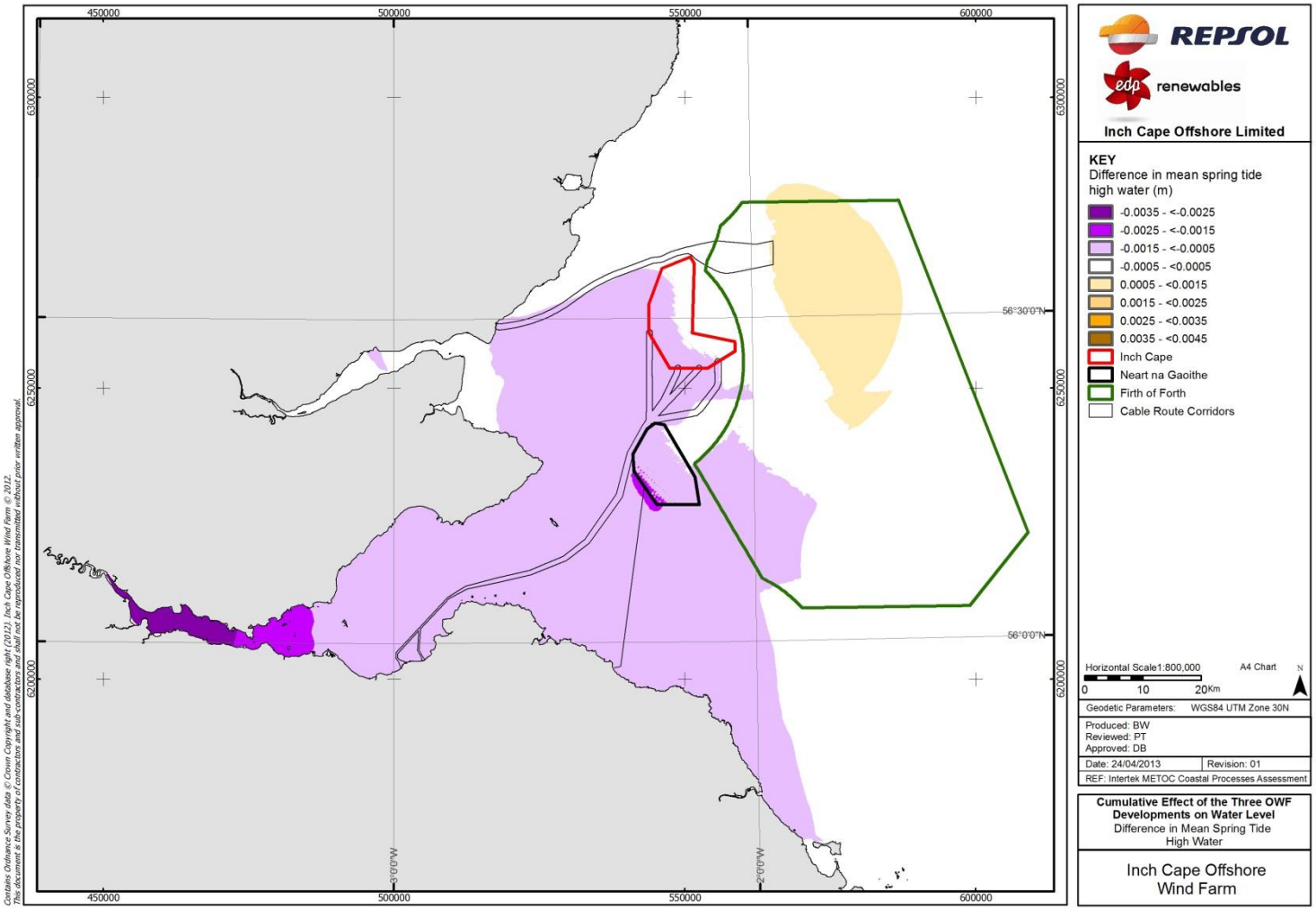


Figure 10.22: Cumulative Difference to Mean Spring Tide Peak Flood Current Speed (m/s) due to the Project with Other Projects

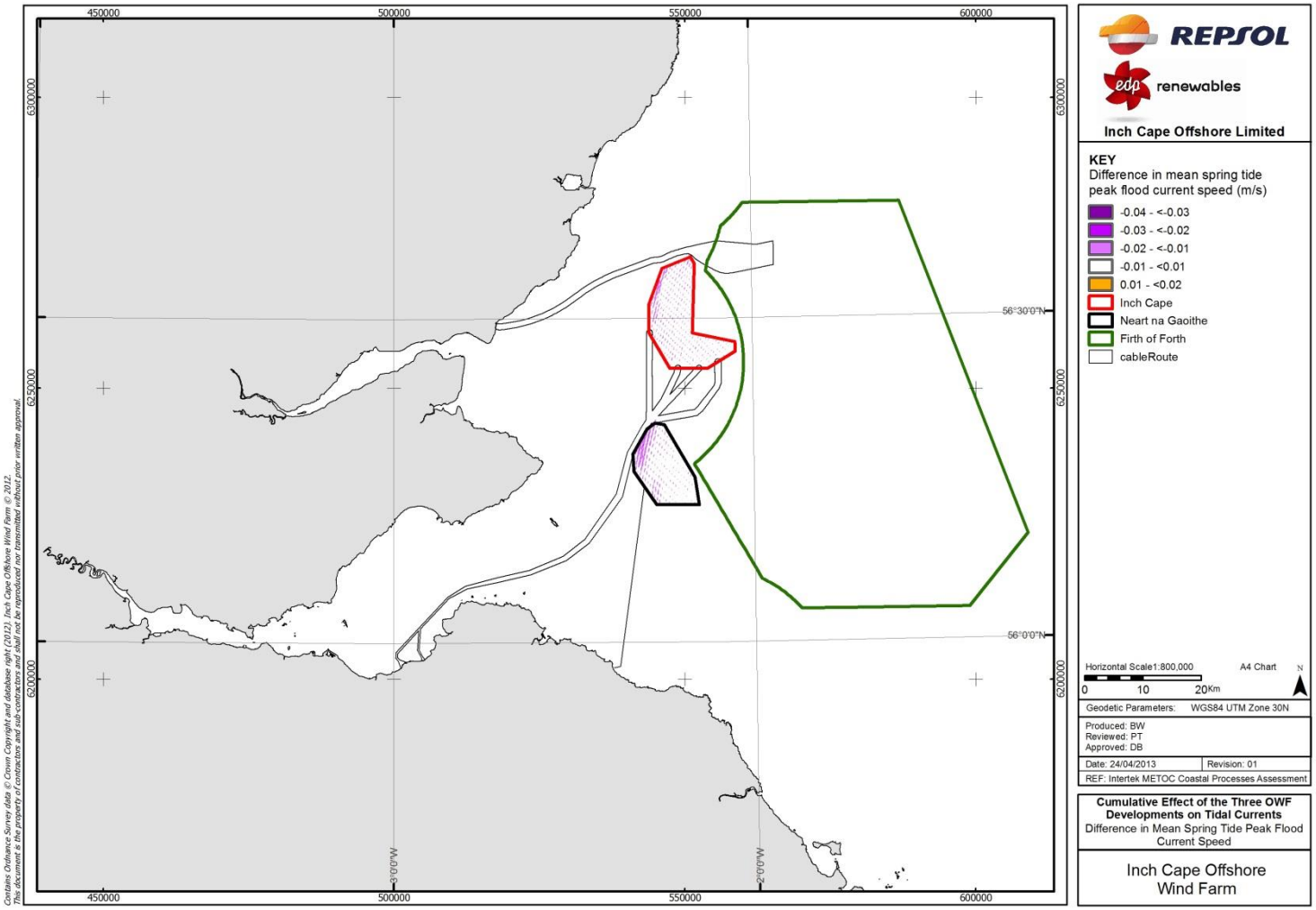


Figure 10.23: Cumulative Difference to 90-percentile Significant Wave Height (m) due to the Project with Other Projects

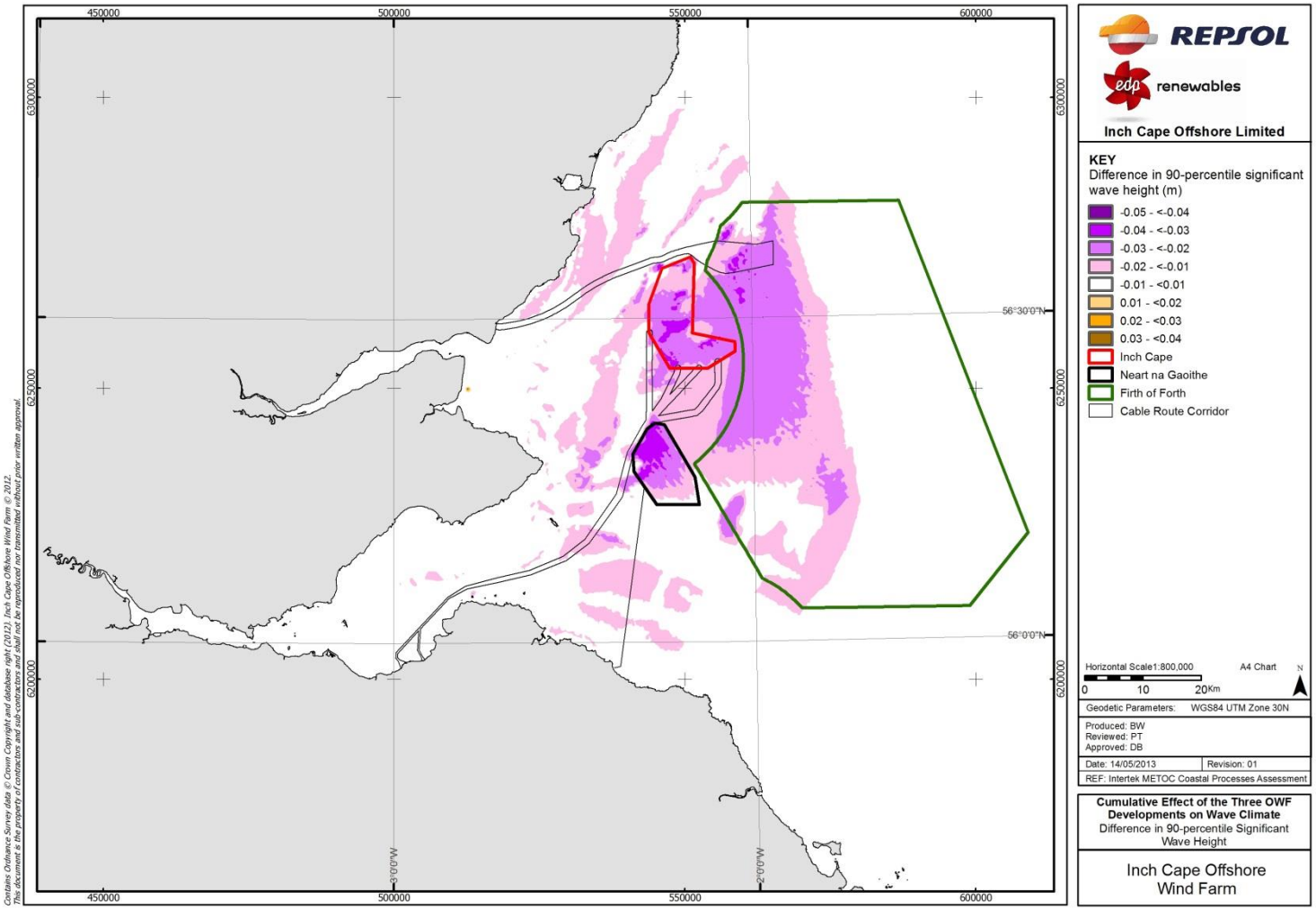


Figure 10.24: Cumulative Difference to Exceedance of Critical Shear Stress (%) due to the Project with Other Projects – based on Combined (Currents Plus Waves) Maximum Bed Shear Stress

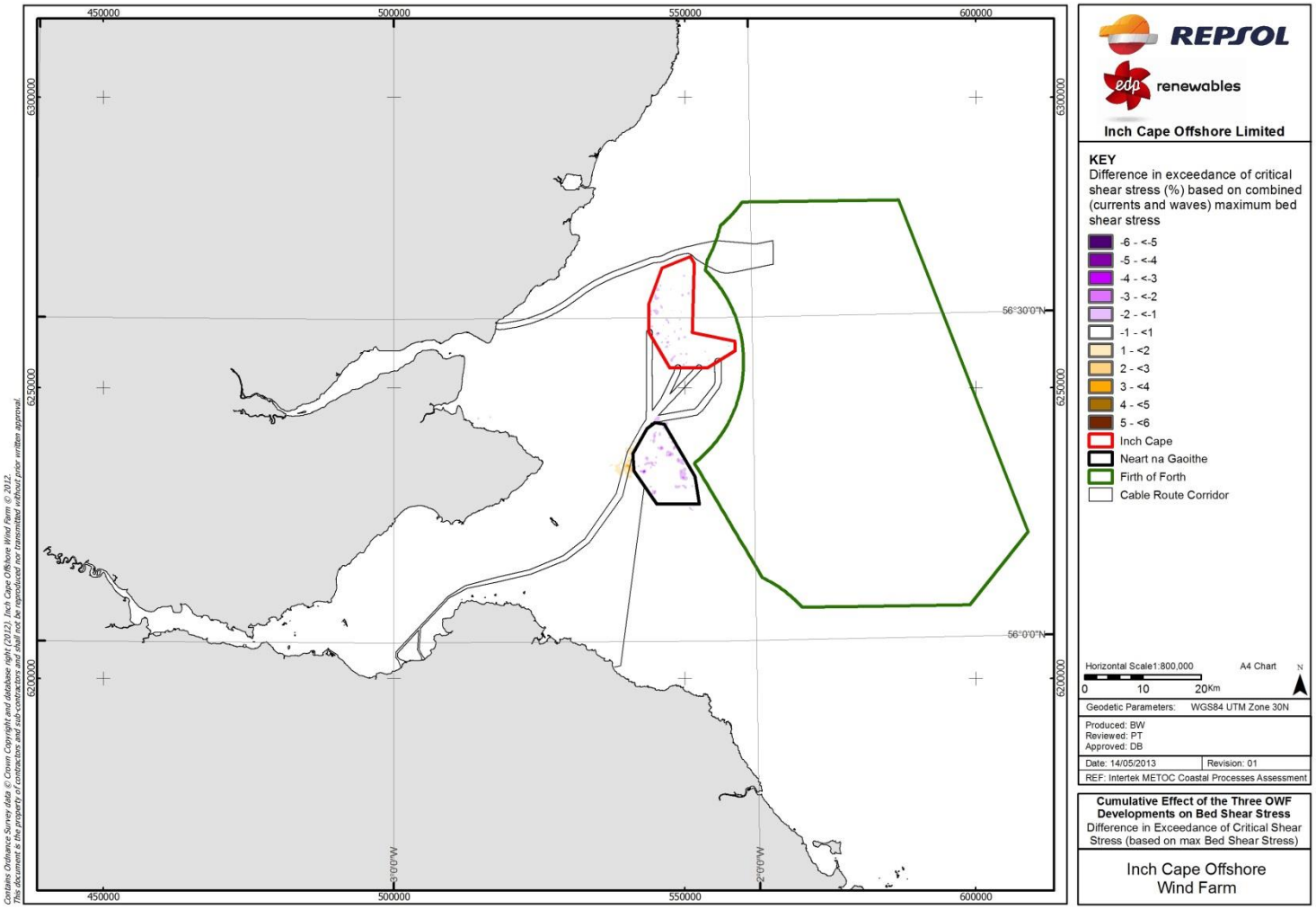


Figure 11.1: Map Showing Locations of the Piles Whose Driving has been Modelled at the Development Area

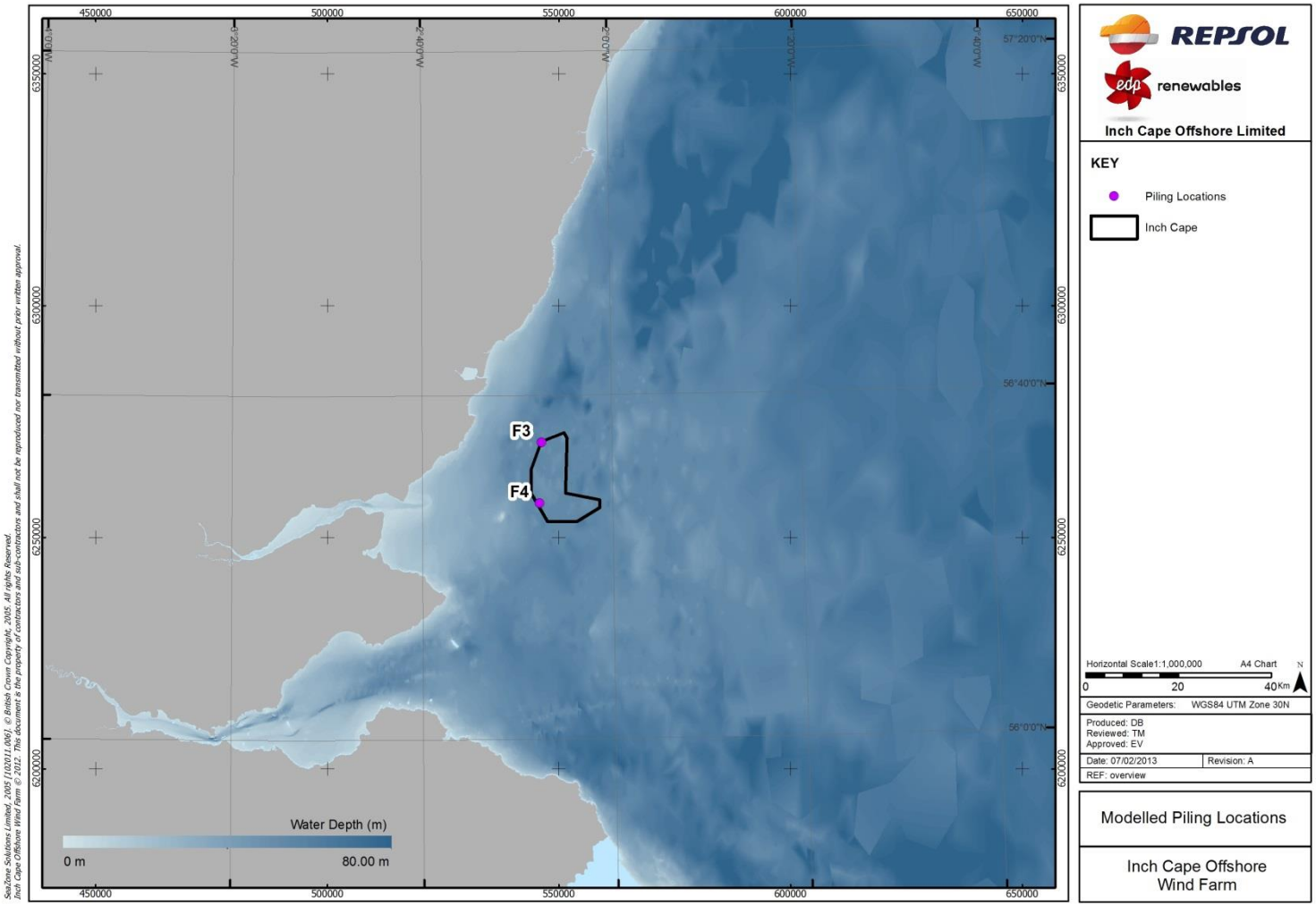


Figure 11.7: Map Showing Locations for FTOWDG INSPIRE Noise Modelling

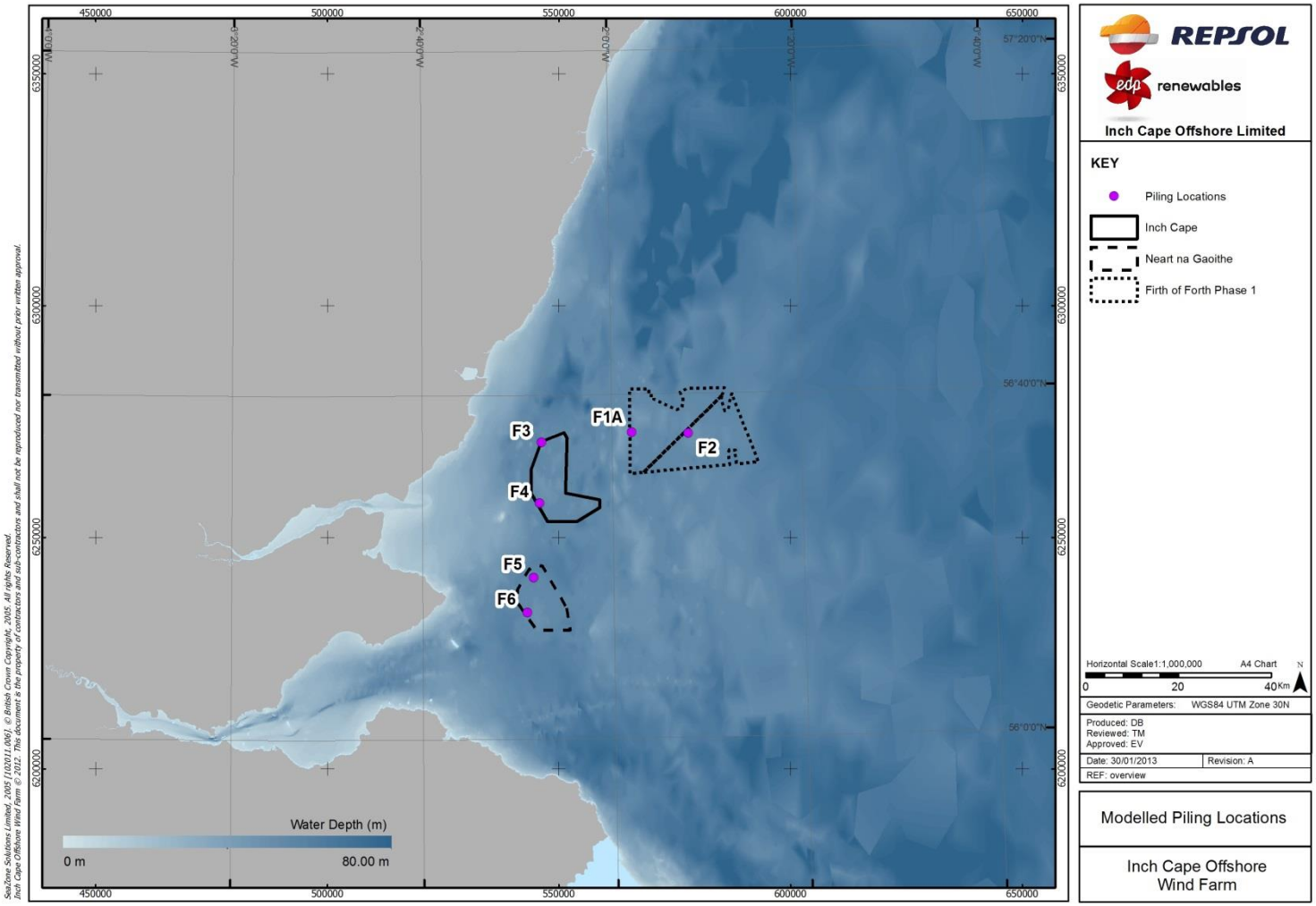


Figure 12.1: Regional Study Area

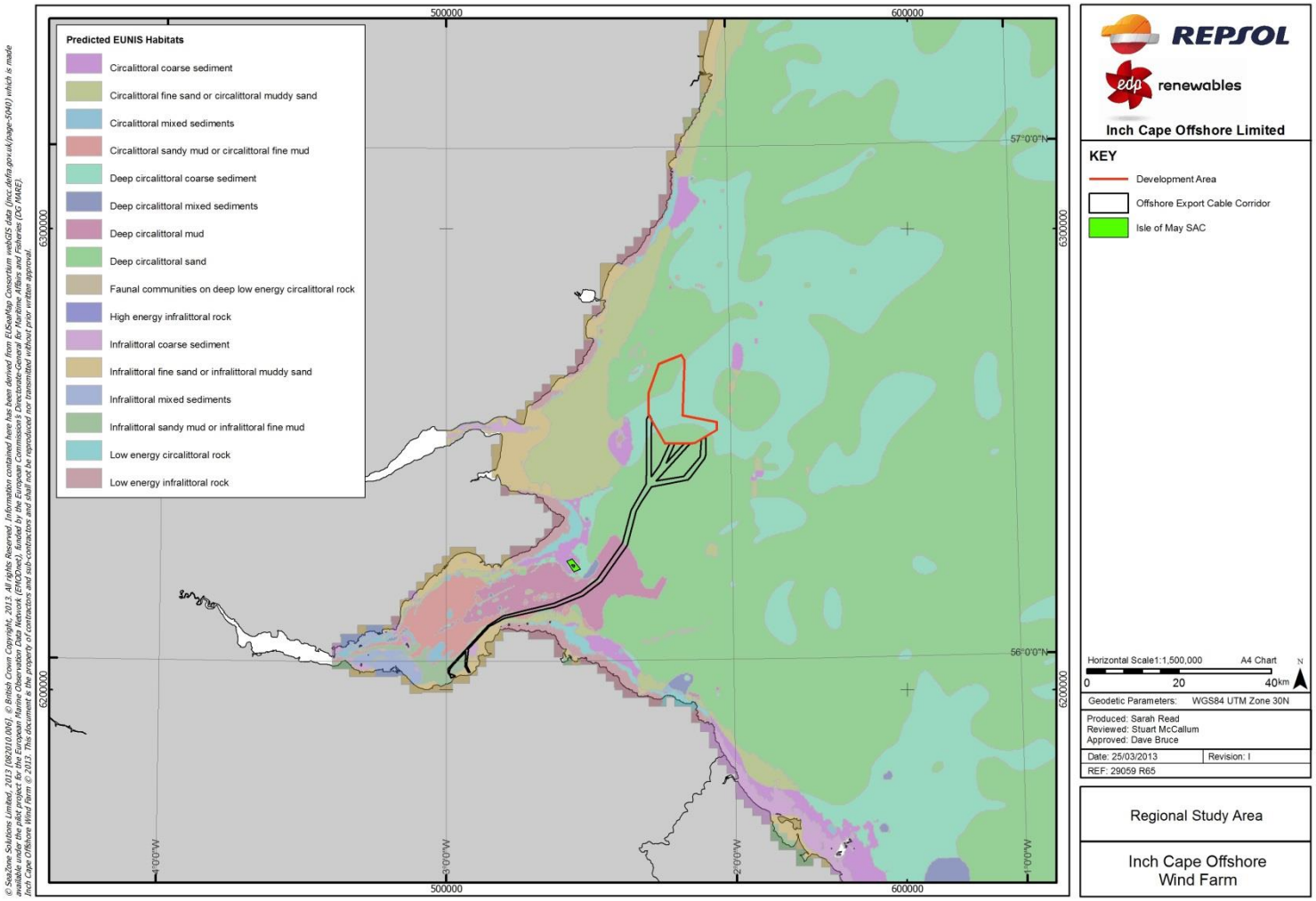


Figure 12.2: Benthic Survey Stations

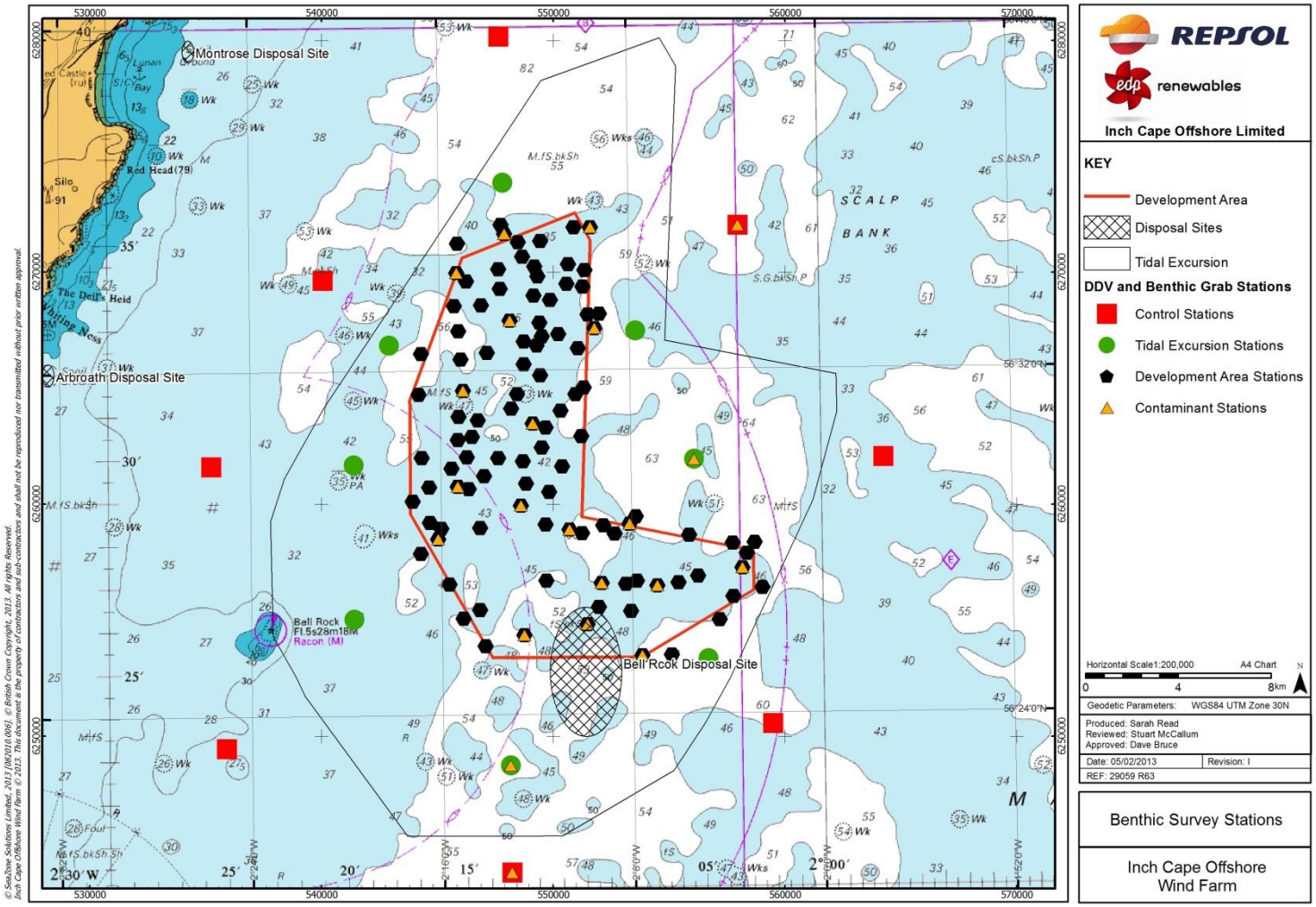


Figure 12.3: Epibenthic Trawl Survey Stations

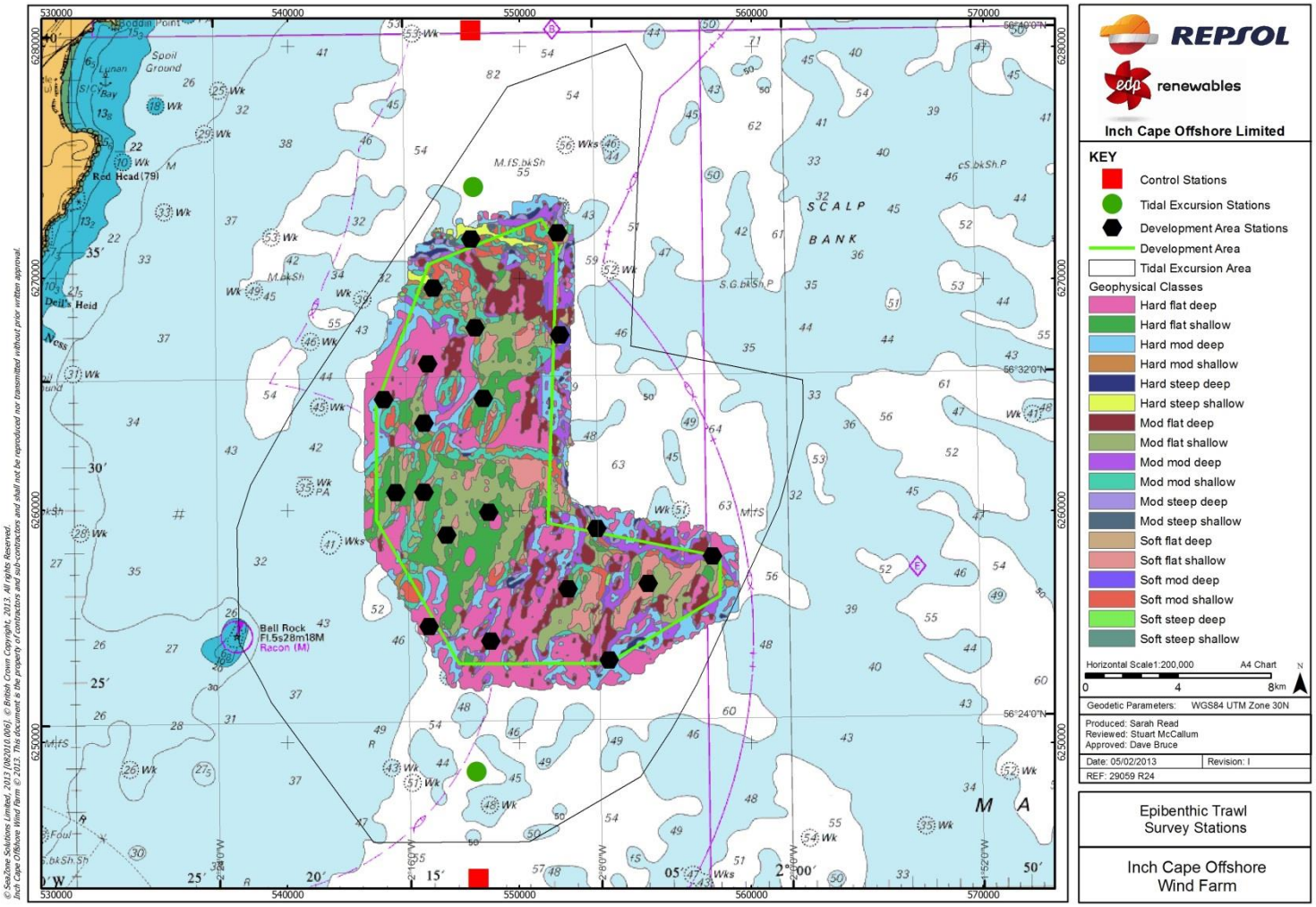


Figure 12.4: The Development Area Biotope Map

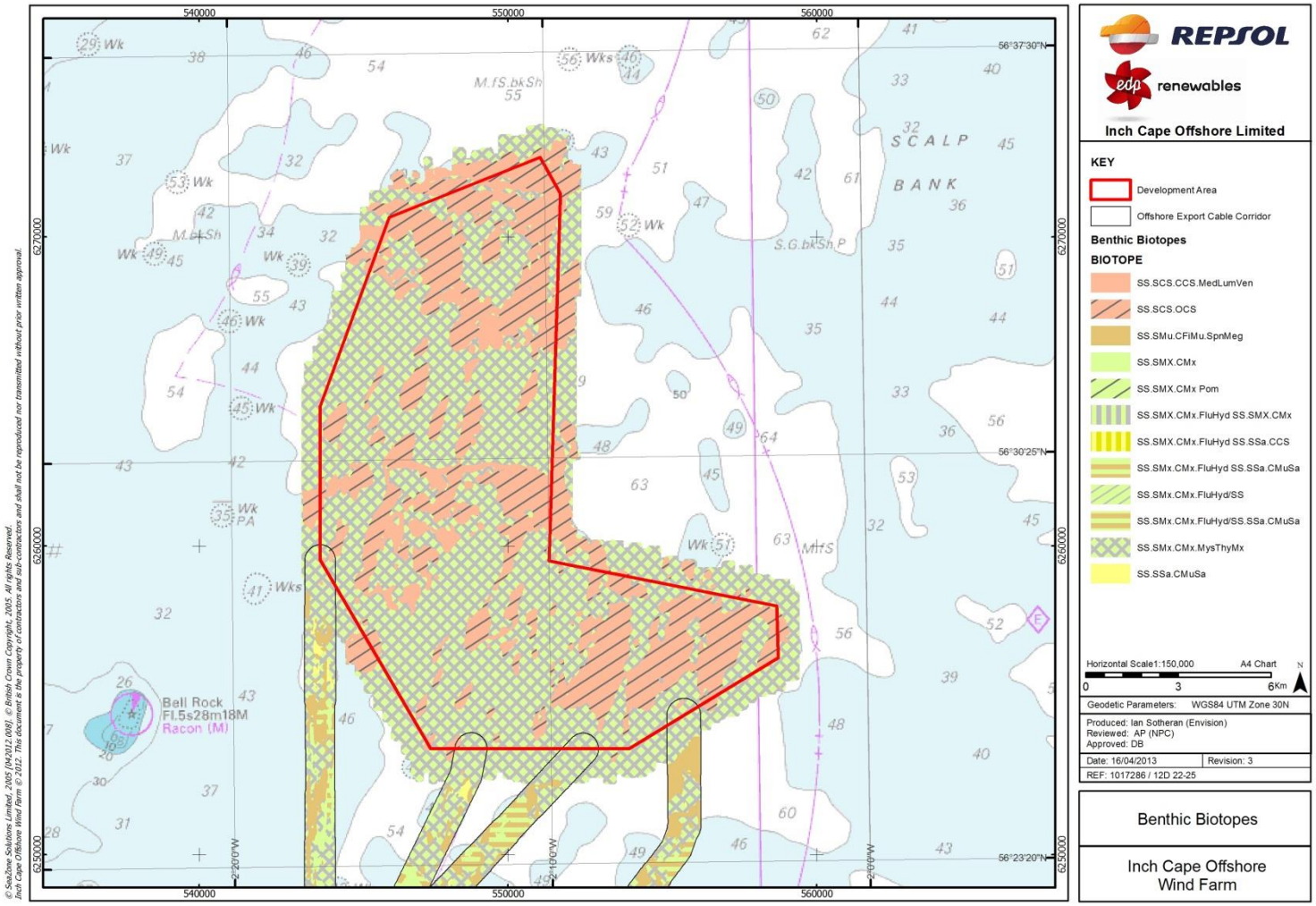


Figure 12.5: Intertidal Survey Area

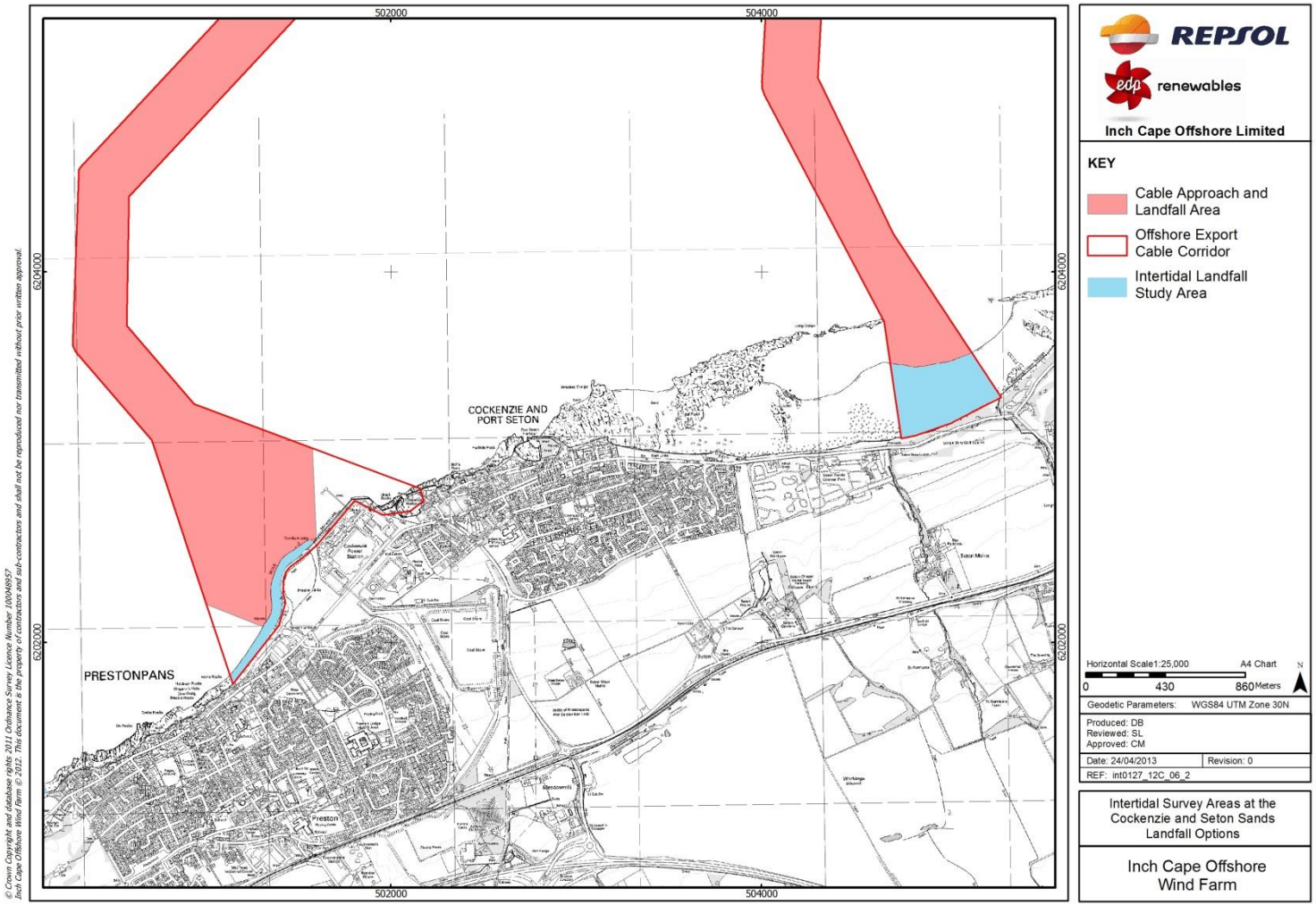


Figure 12.6: Sub-tidal Survey Station Positions (1 of 4)

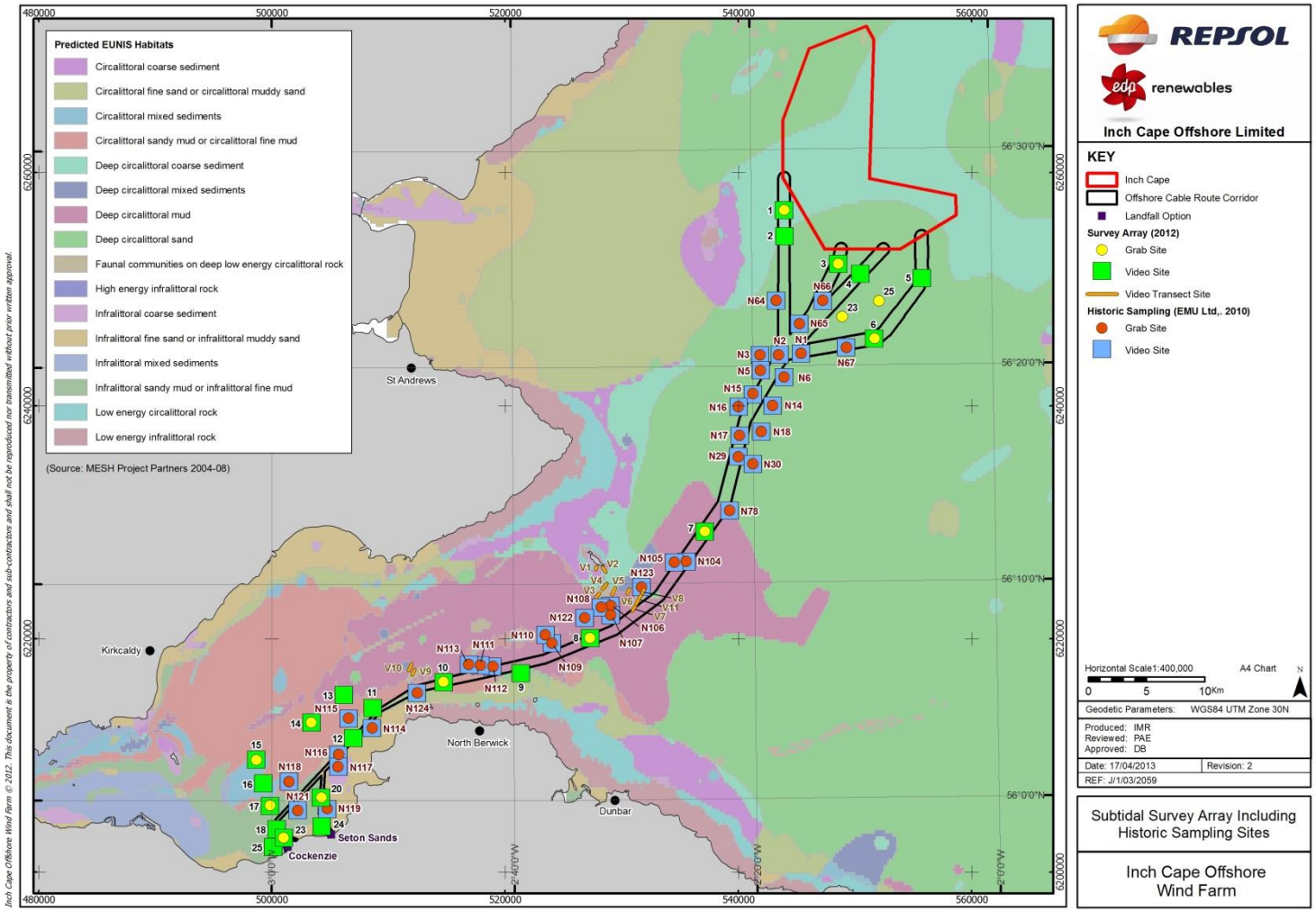


Figure 12.6: Sub-tidal Survey Station Positions (2 of 4)

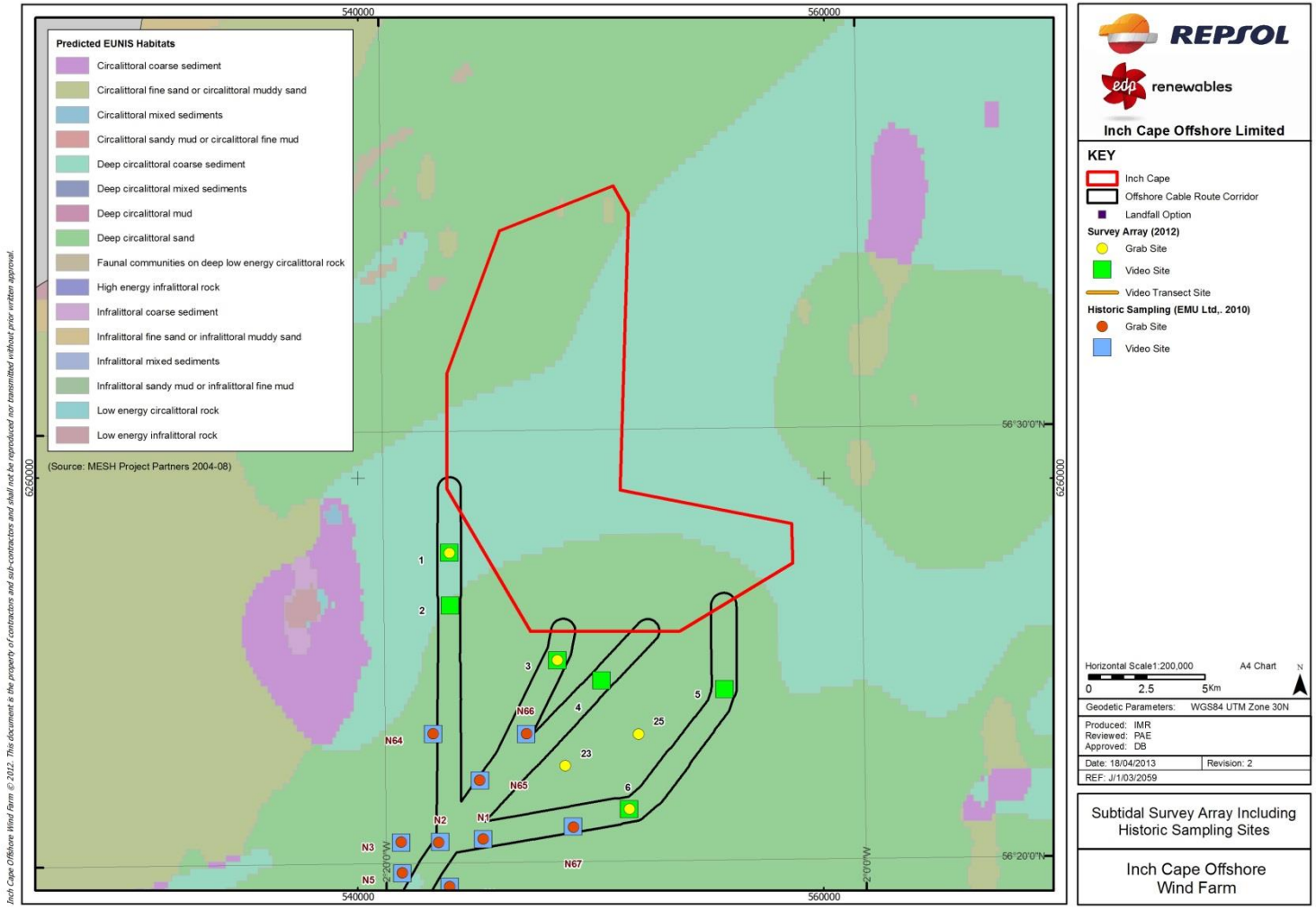


Figure 12.6: Sub-tidal Survey Station Positions (3 of 4)

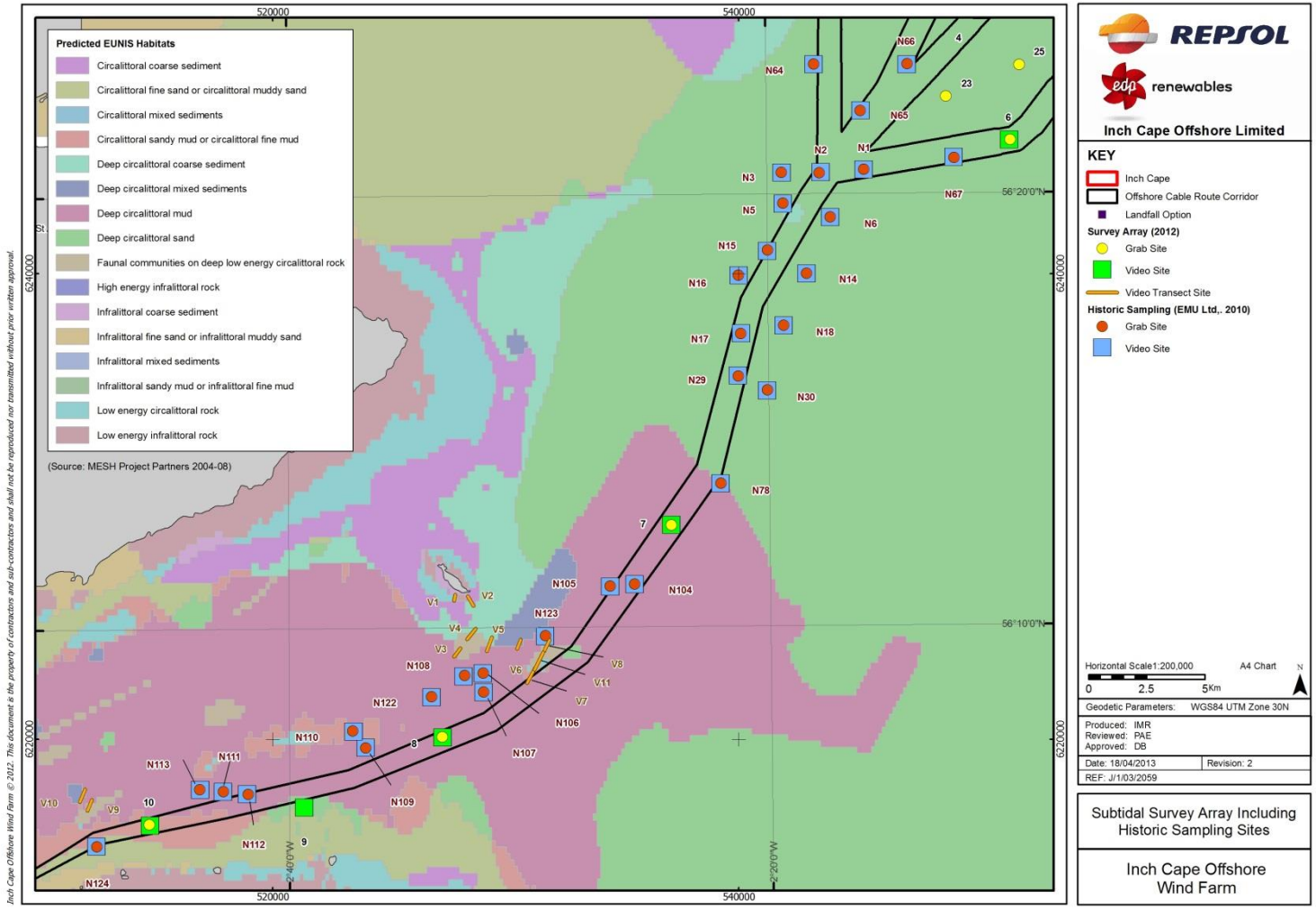


Figure 12.6: Sub-tidal Survey Station Positions (4 of 4)

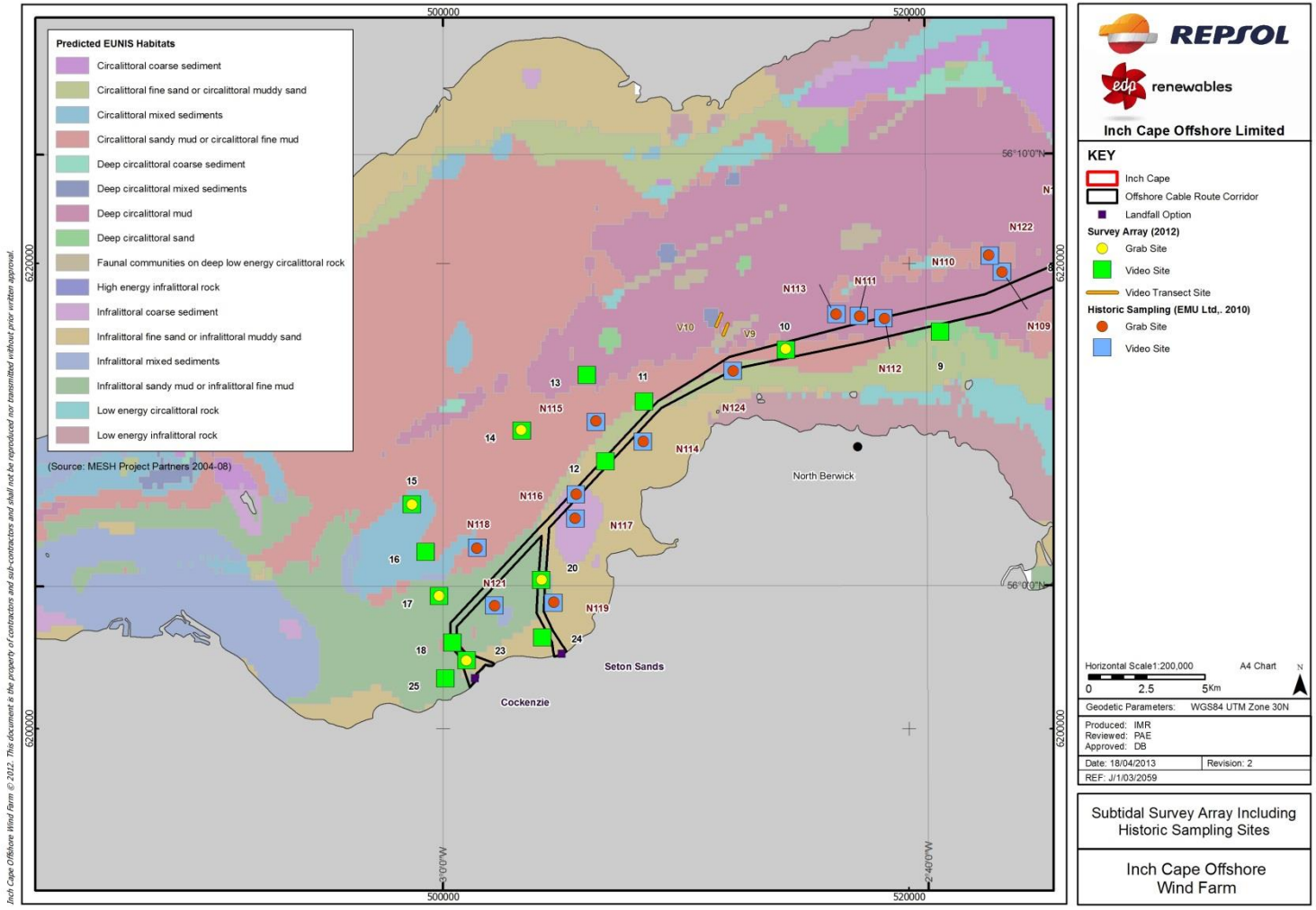


Figure 12.7: The Offshore Export Cable Corridor Northern Biotope Map

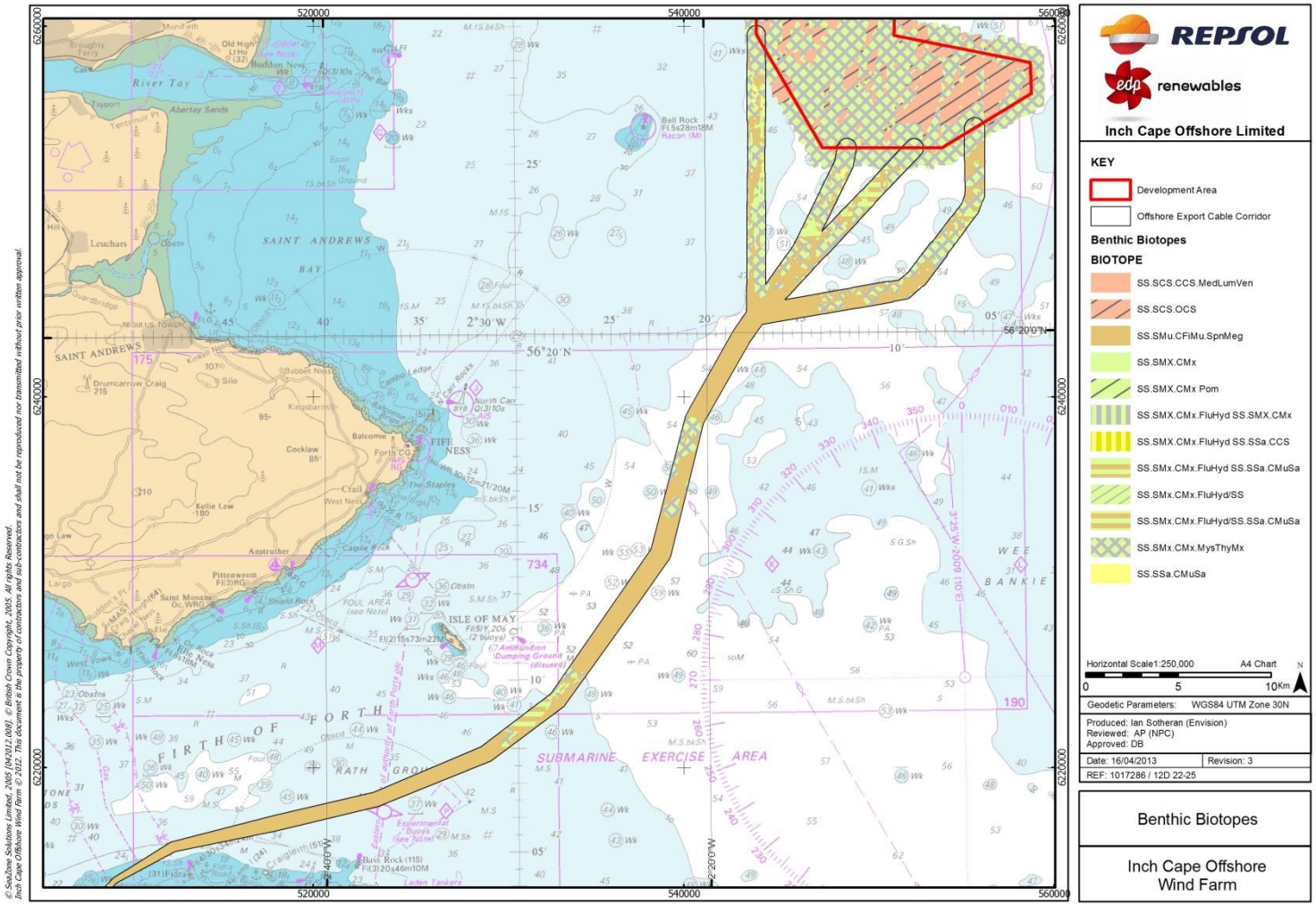


Figure 12.8: The Offshore Export Cable Corridor Southern Biotope Map

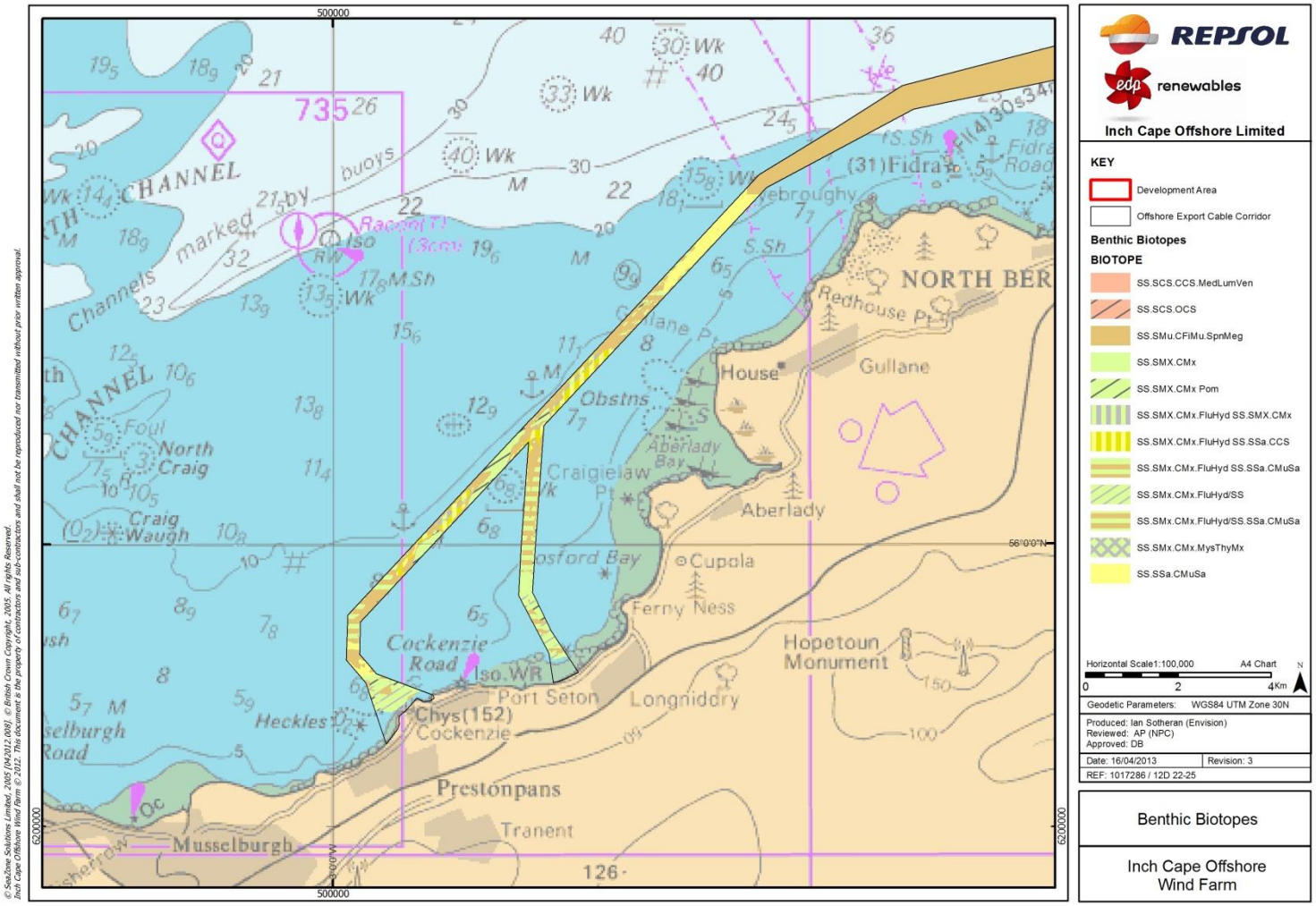


Figure 12.9: Fishing Vessel Activity in Relation to the Development Area and Offshore Export Cable Corridor, 2007 – 2011 (1 of 2)

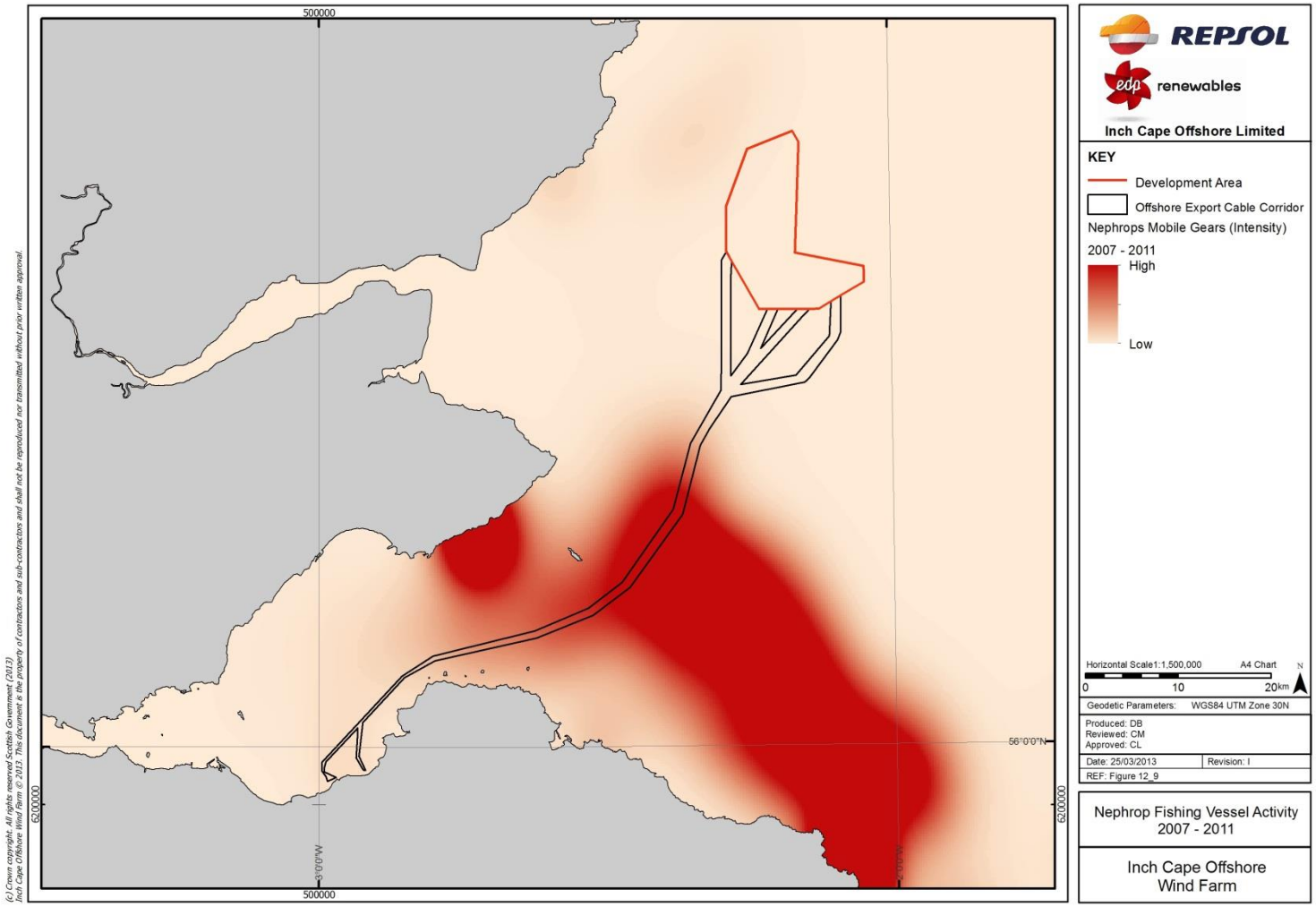


Figure 12.9: Fishing Vessel Activity in Relation to the Development Area and Offshore Export Cable Corridor, 2007 – 2011 (2 of 2)

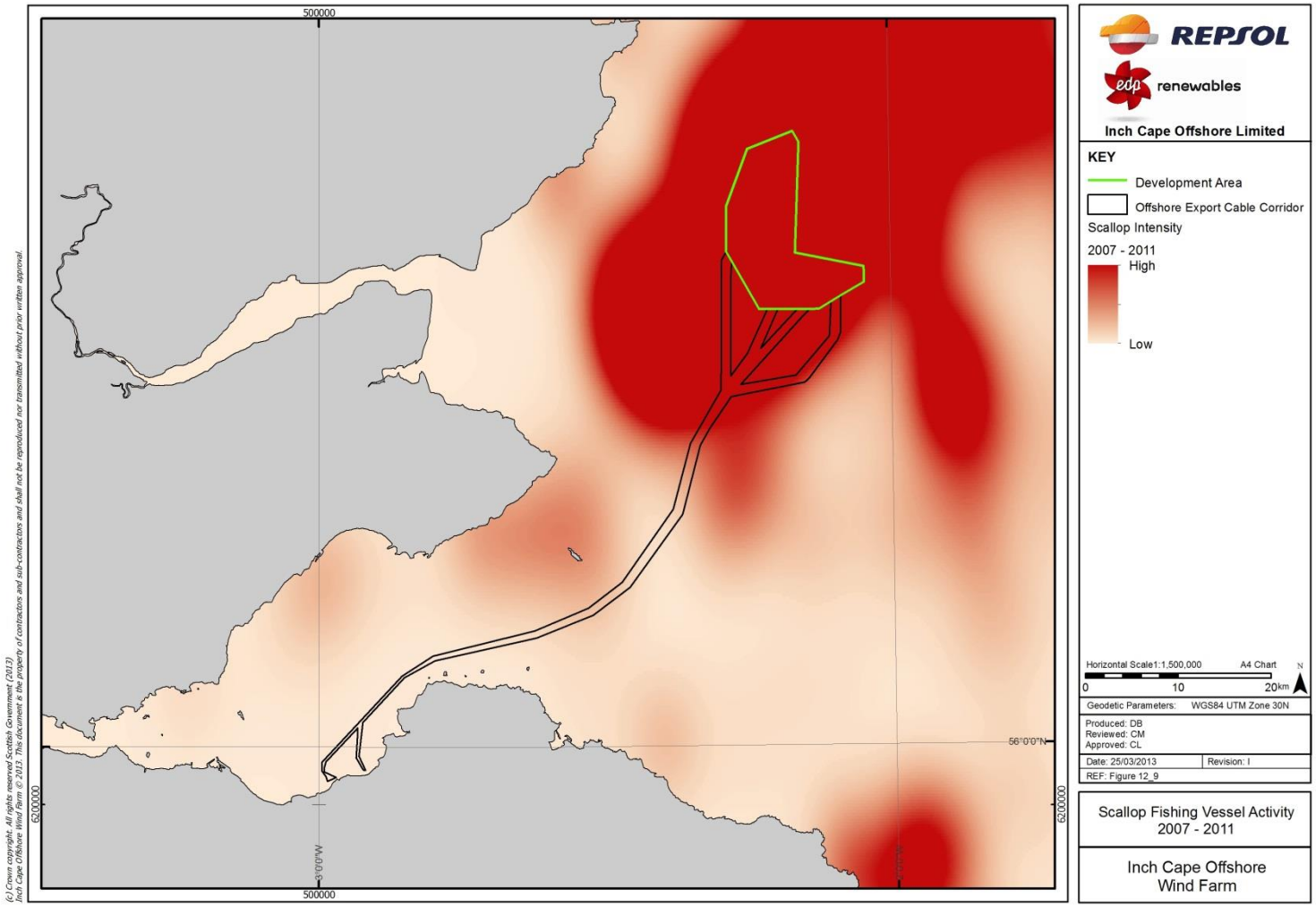


Figure 13.1: Study Area

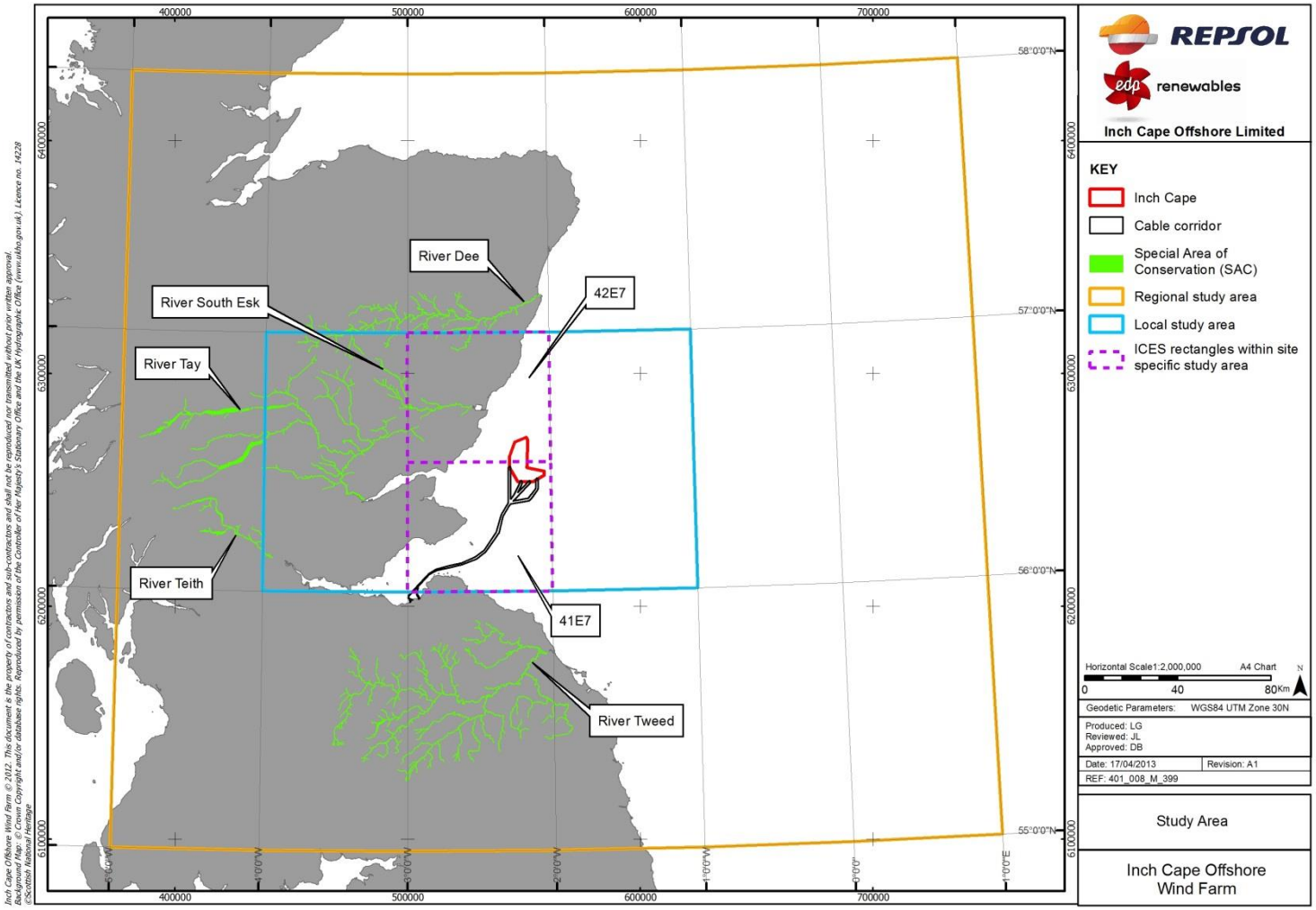


Figure 13.2: Baseline Otter Trawl Locations for Site Specific Surveys

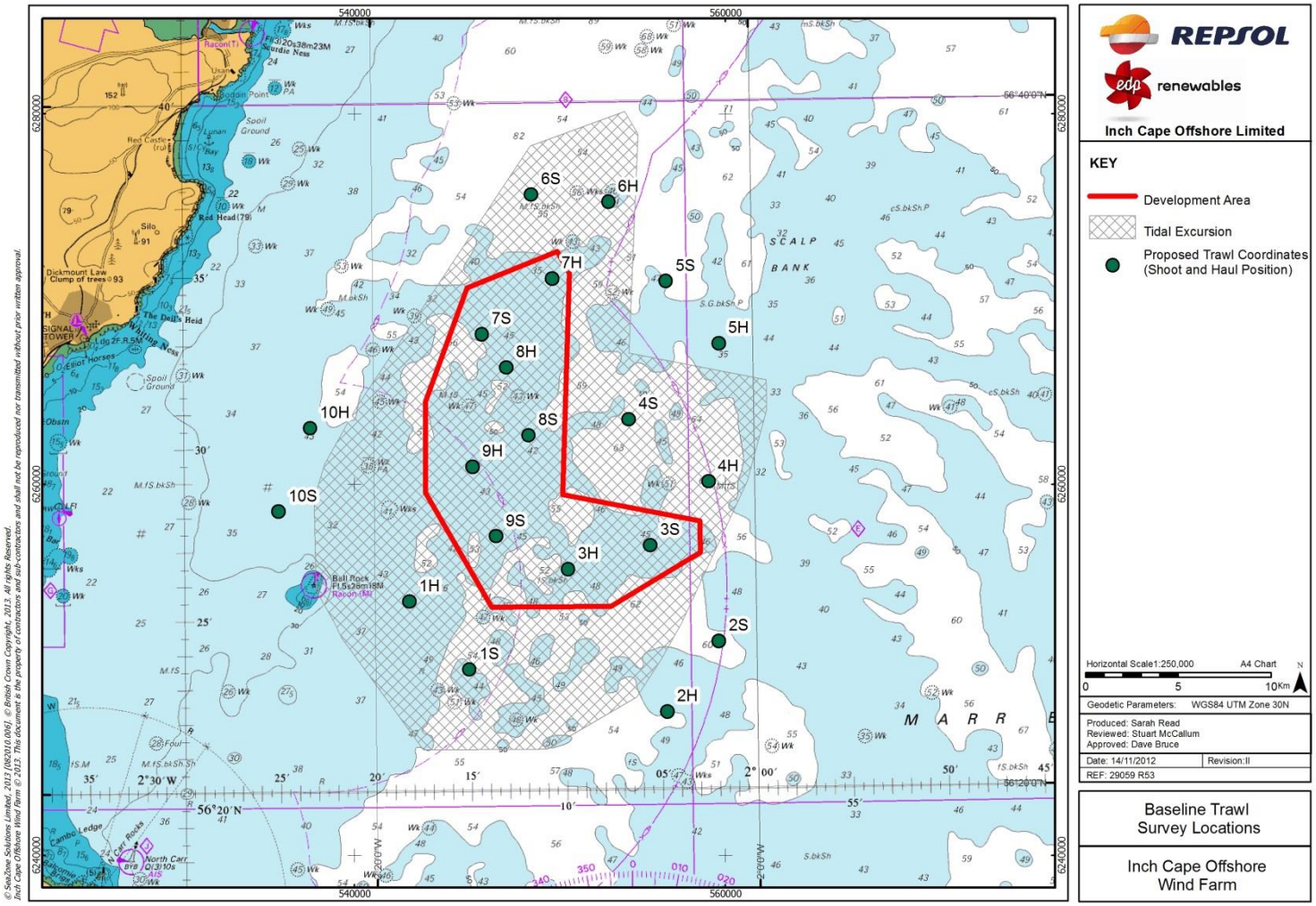


Figure 13.7: Scottish Landings of Fish and Shellfish Species by Value (2001-2010)

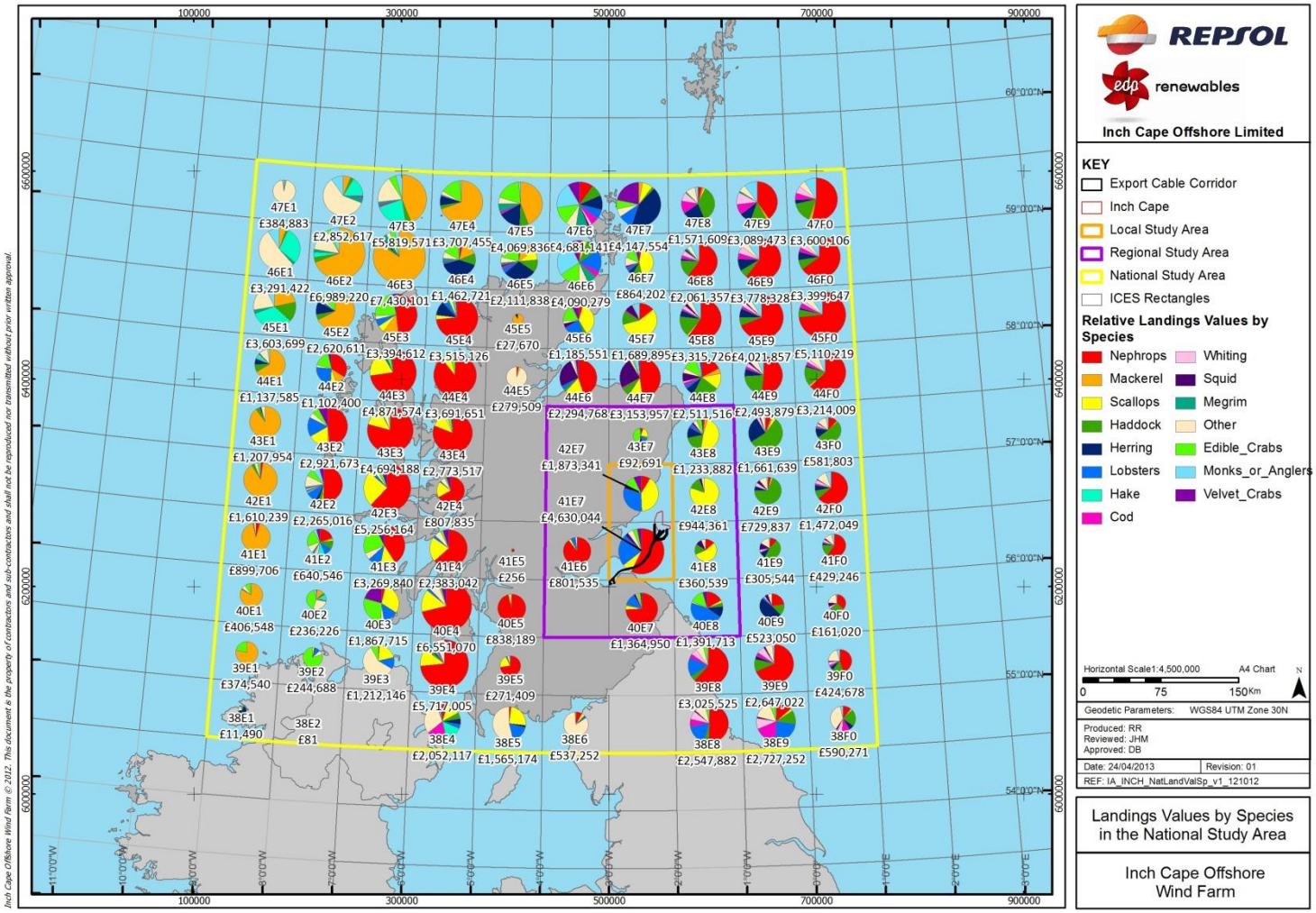


Figure 13.8: Annual Catch (No. of Individuals) by Species in Salmon Fishery Districts within the Regional Study Area (average 2001 - 2010) (Source: MSS)

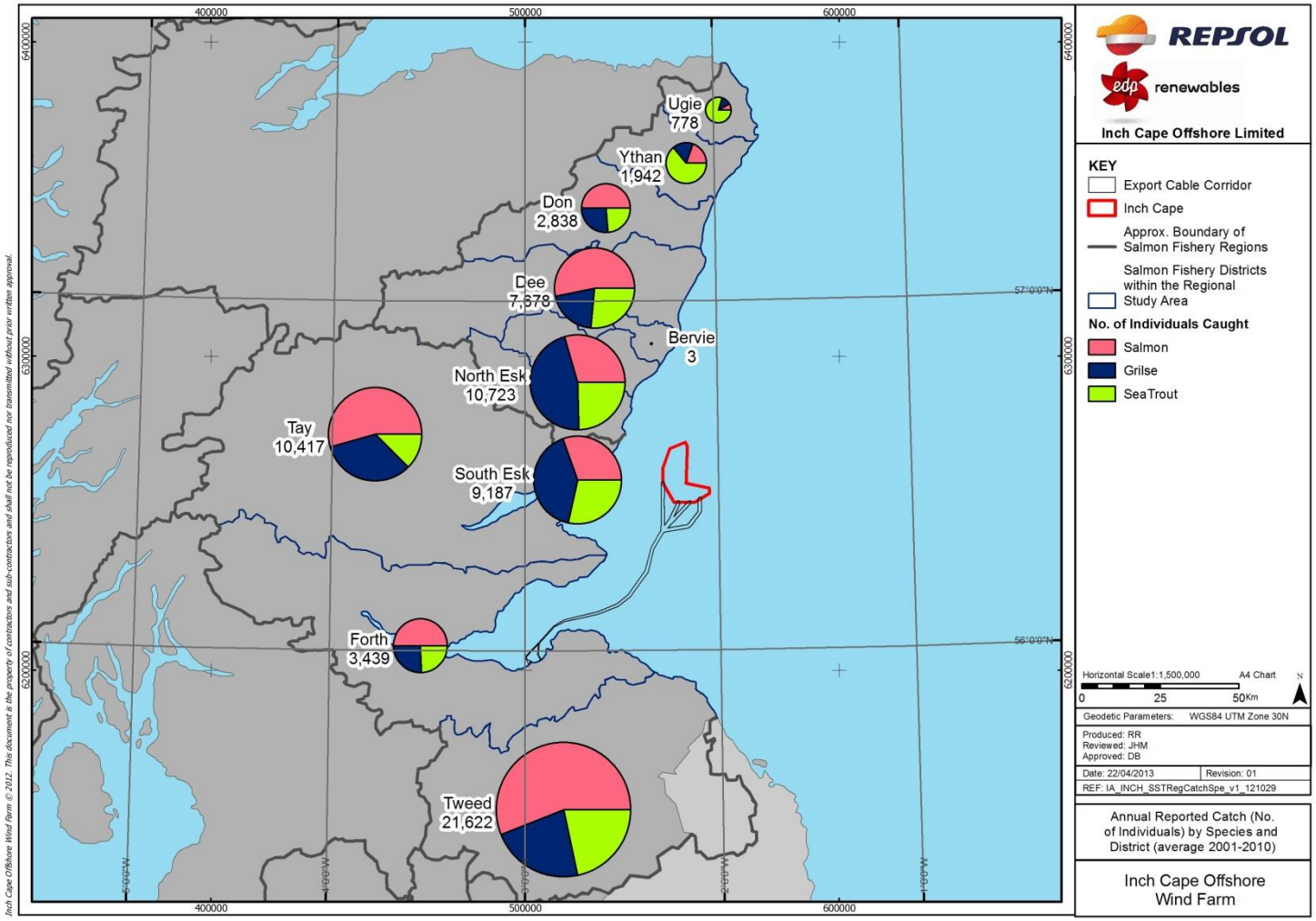


Figure 13.9: Sandeel Suitability of Seabed (Development Area and Offshore Export Cable Corridor) and Distribution in the Local Study Area

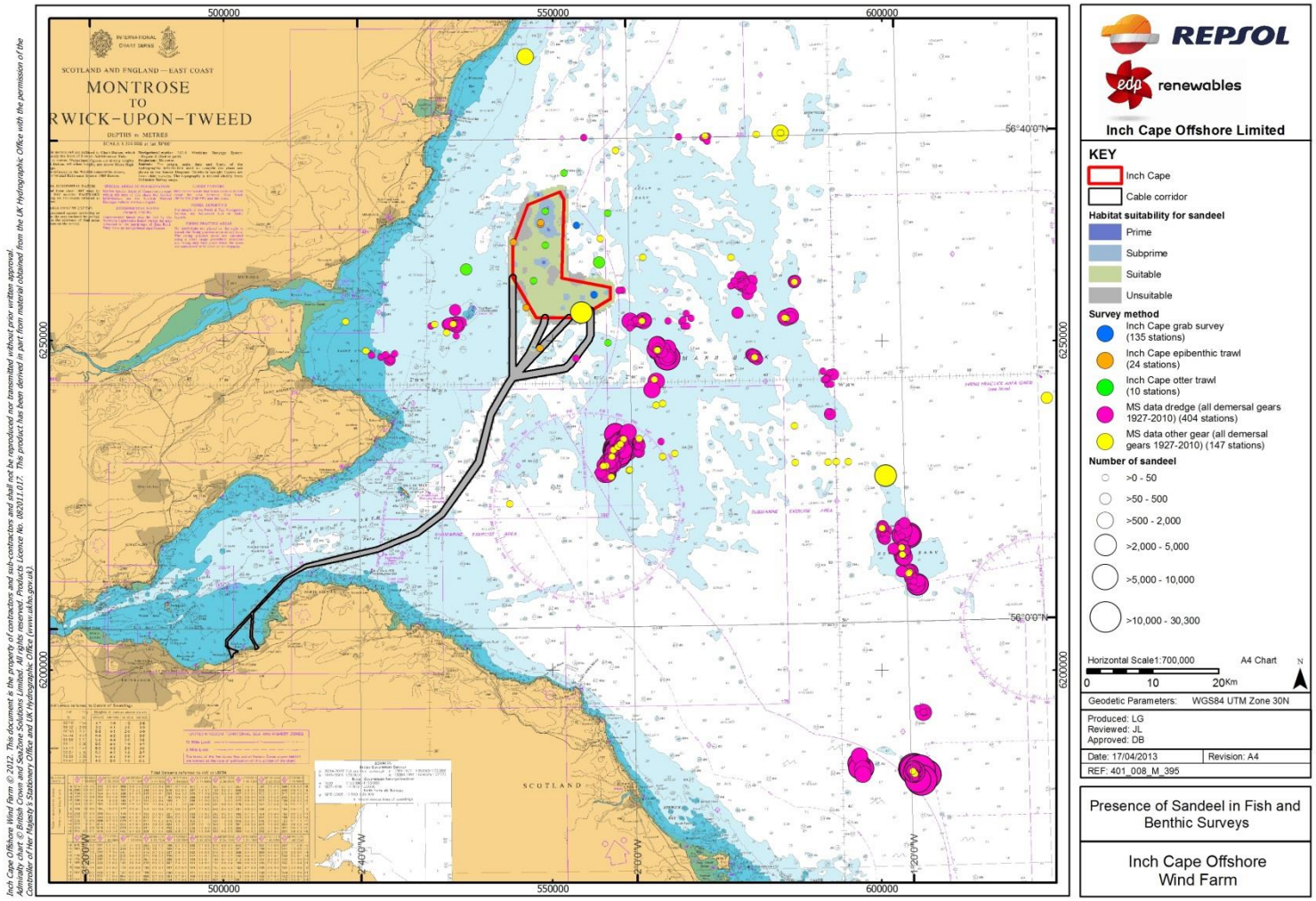


Figure 13.11: Herring Spawning Areas (Coull *et al.*, 1998) Overlain with the Proportion of Years When Herring Larval Concentration Exceeded 50 individuals/m^2 (1991-2011) (taken from IHLS data)

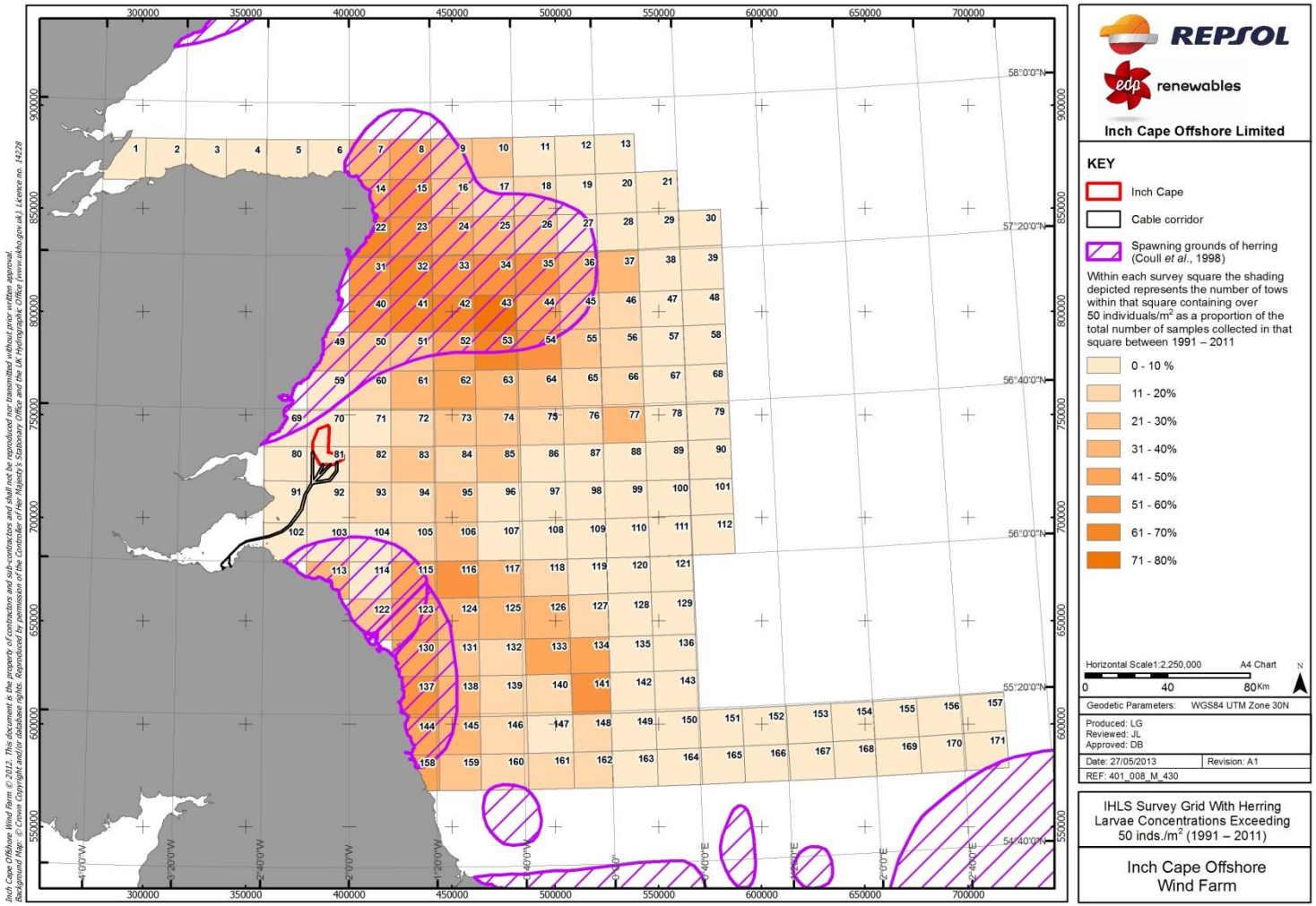


Figure 13.12: Seabed Sandeel Suitability at the Development Area

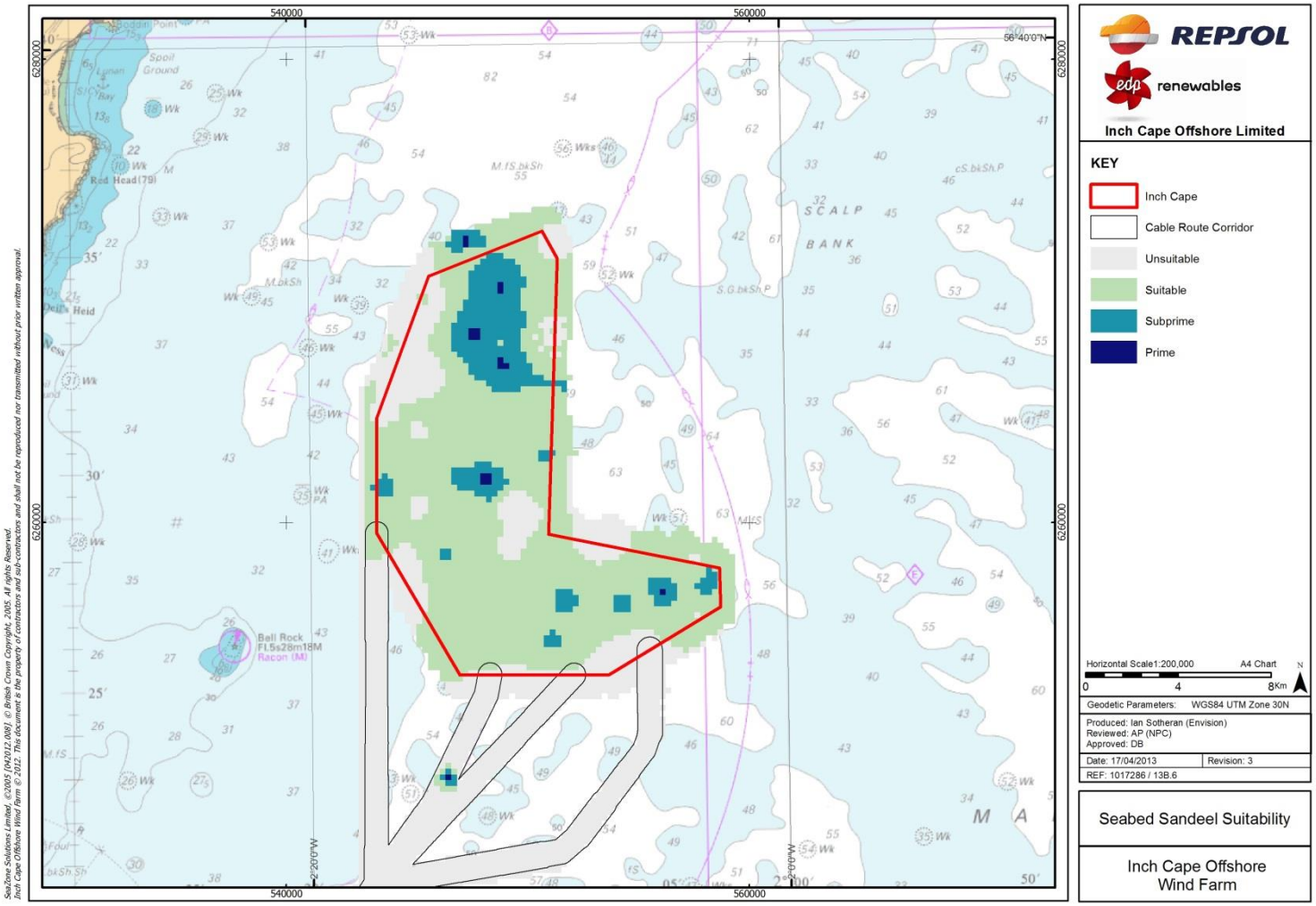


Figure 13.13: Mobile Fish Species (hearing generalist) Noise Contour Plot for Simultaneous Piling in the Development Area (dab used as a surrogate)

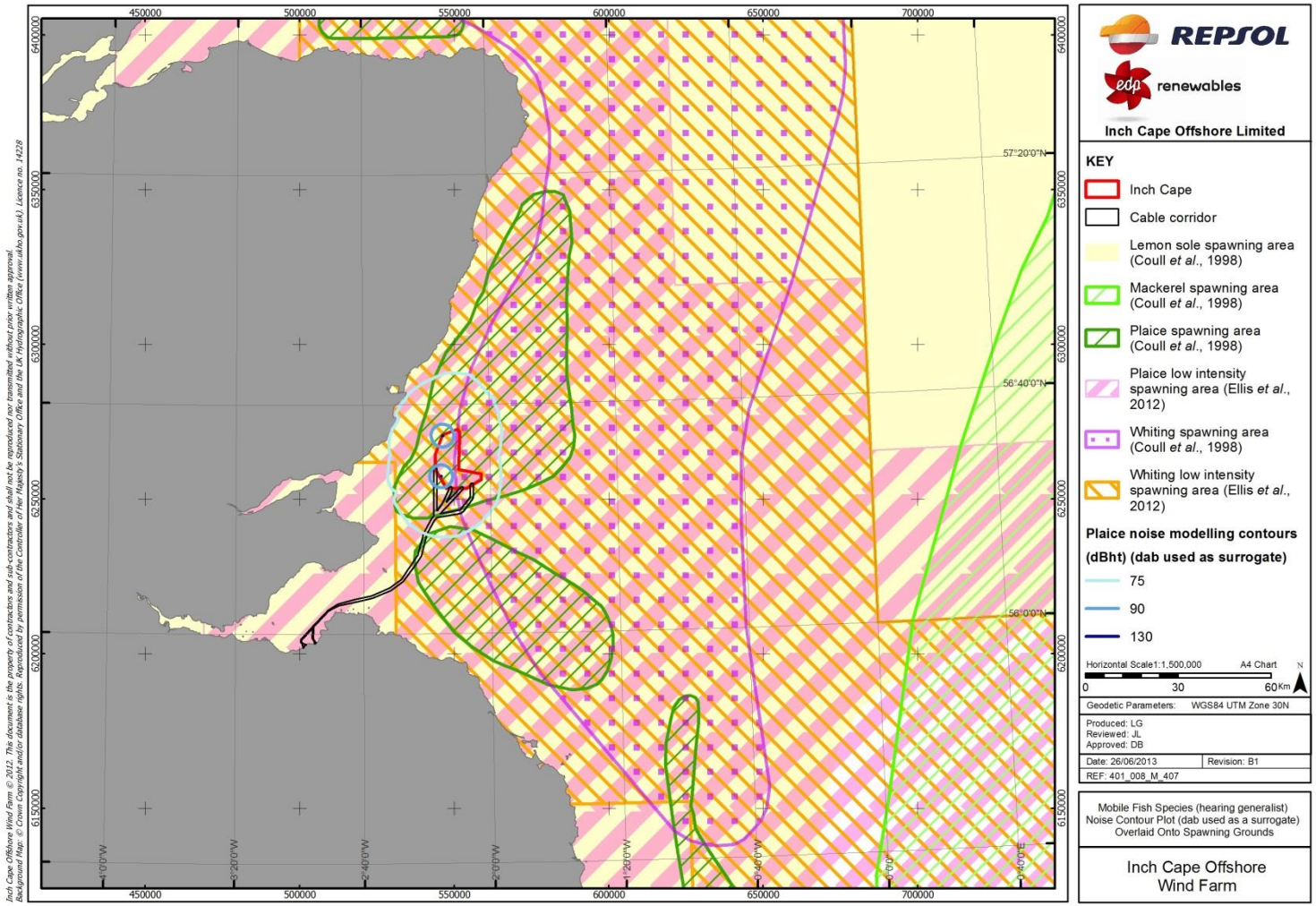


Figure 13.14: Noise Contour Plot for Simultaneous Piling Superimposed onto Herring Spawning Grounds with IHLS Data

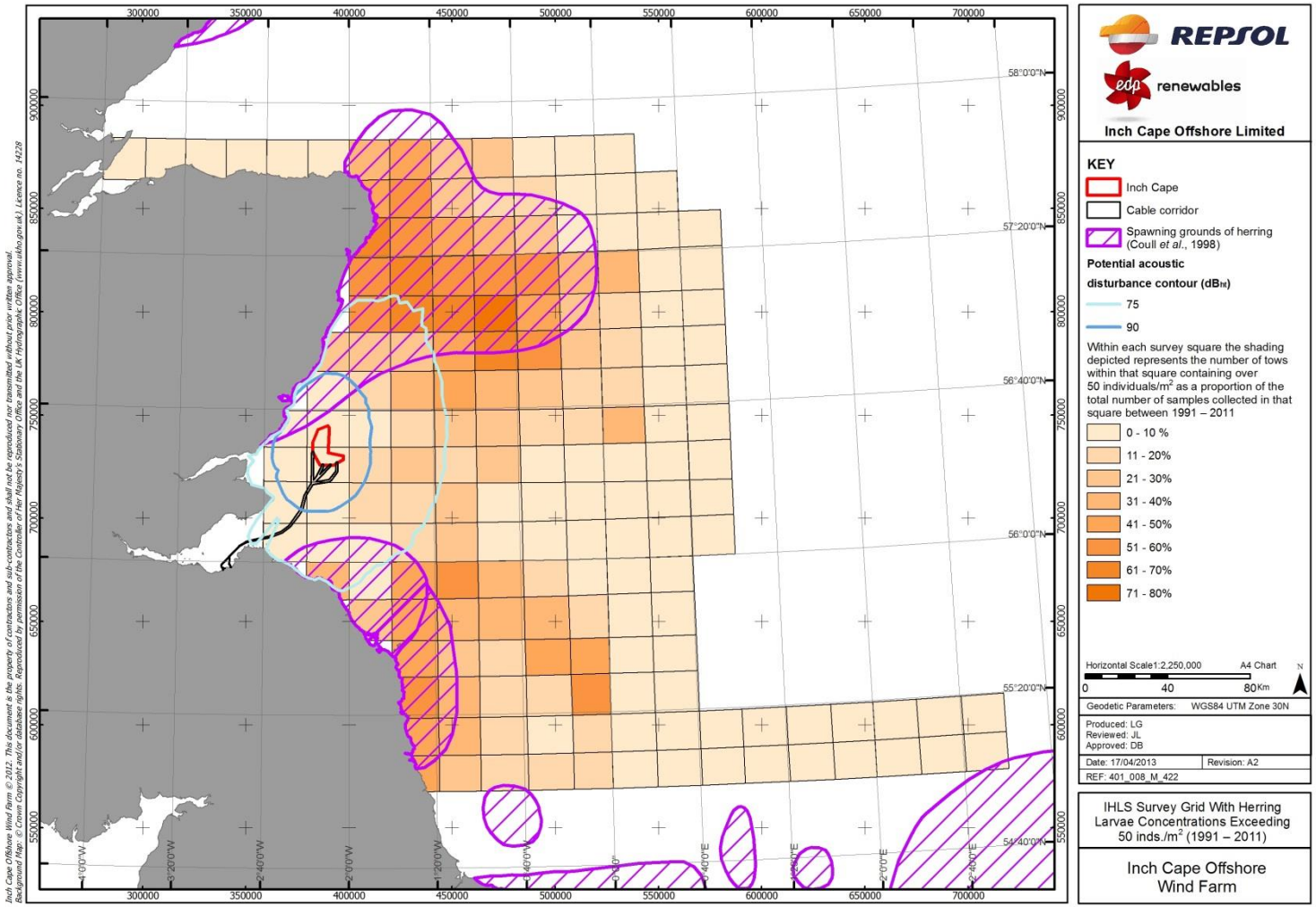


Figure 13.15: Noise Contours Plot for Simultaneous Piling Superimposed onto Cod Spawning Grounds

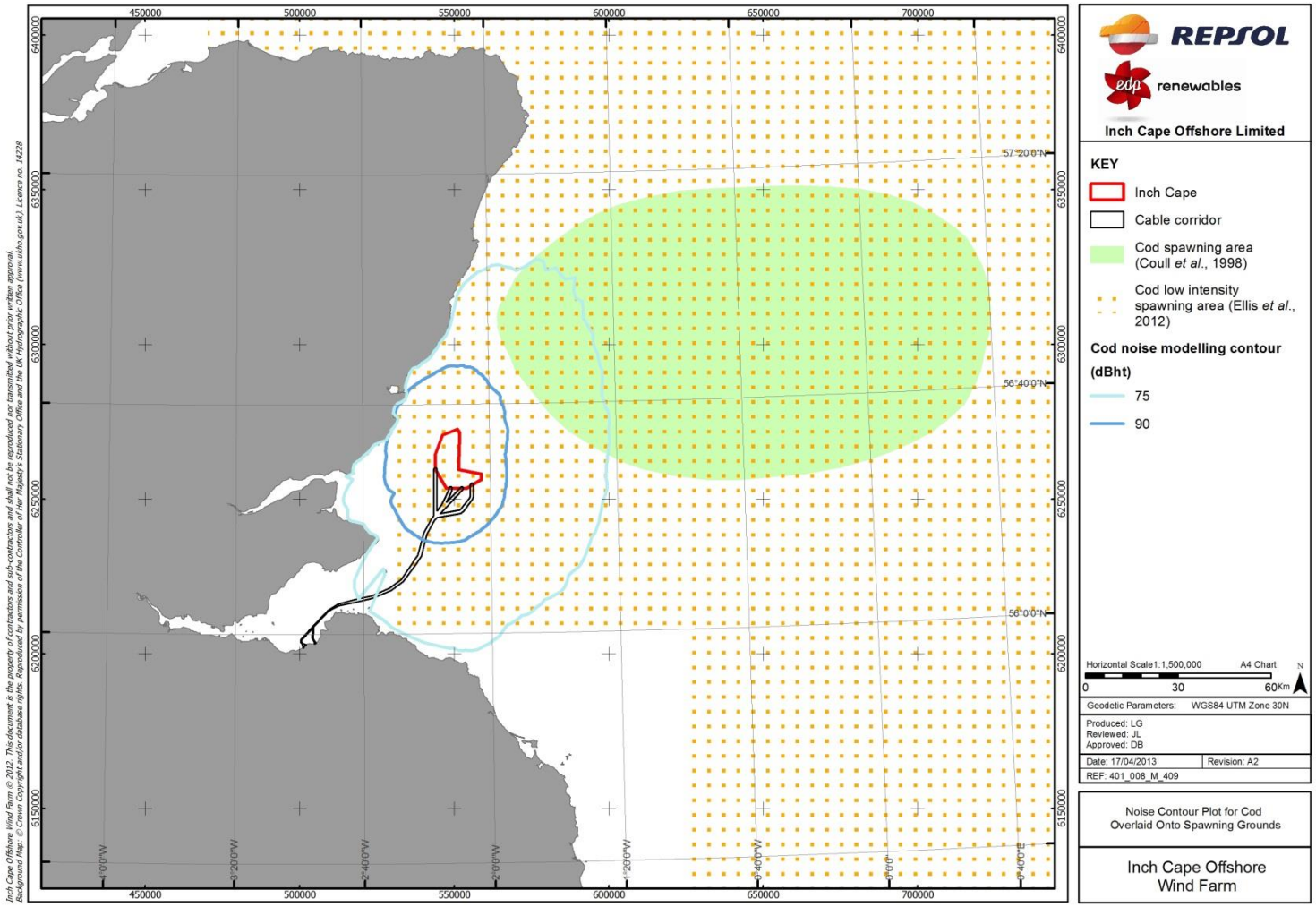


Figure 13.16: Noise contour plot for simultaneous piling superimposed onto sandeel spawning grounds (sand lance used as surrogate)

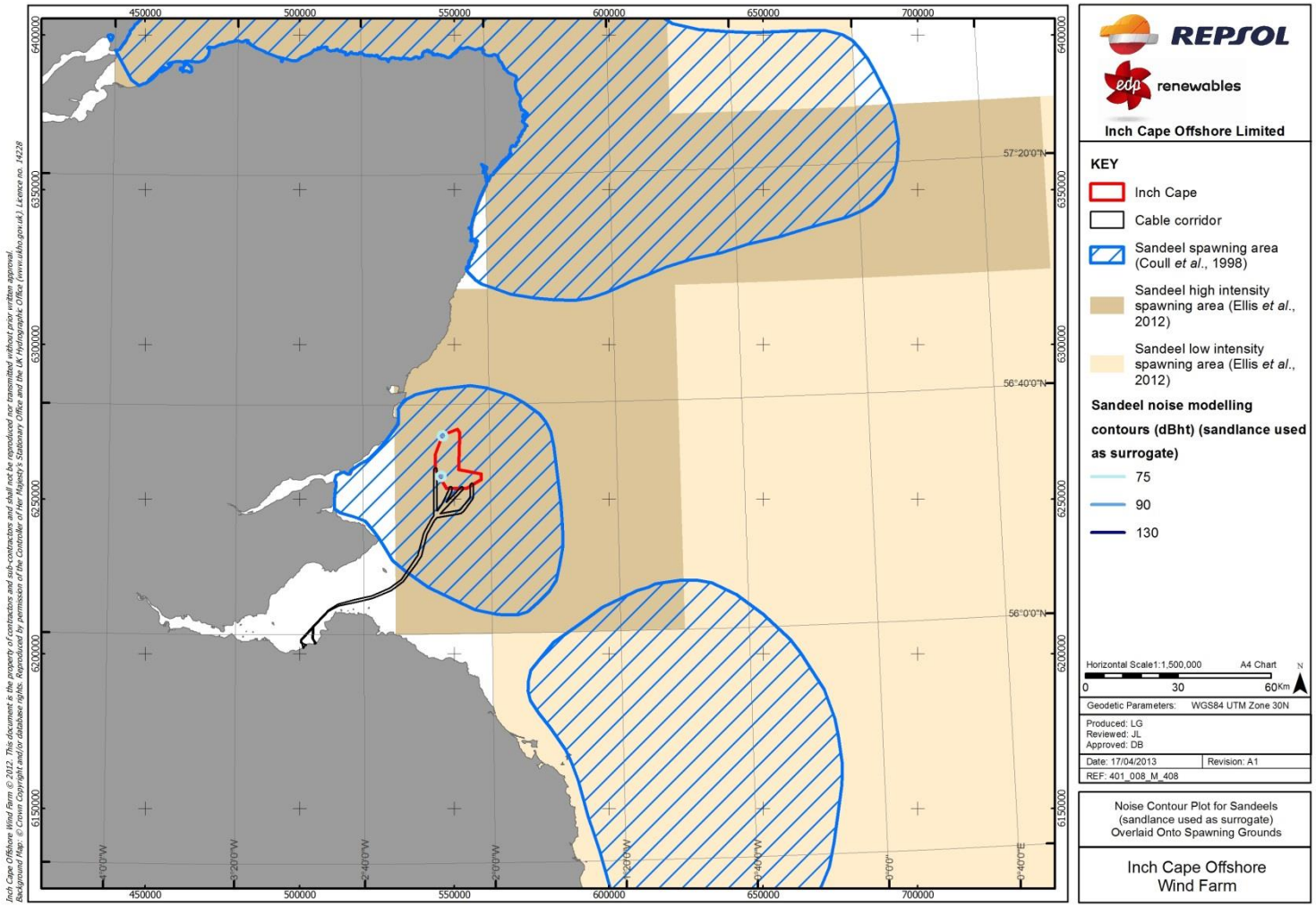


Figure 13.17: Noise Contour Plot for Simultaneous Piling Superimposed onto Salmon Designated Rivers.

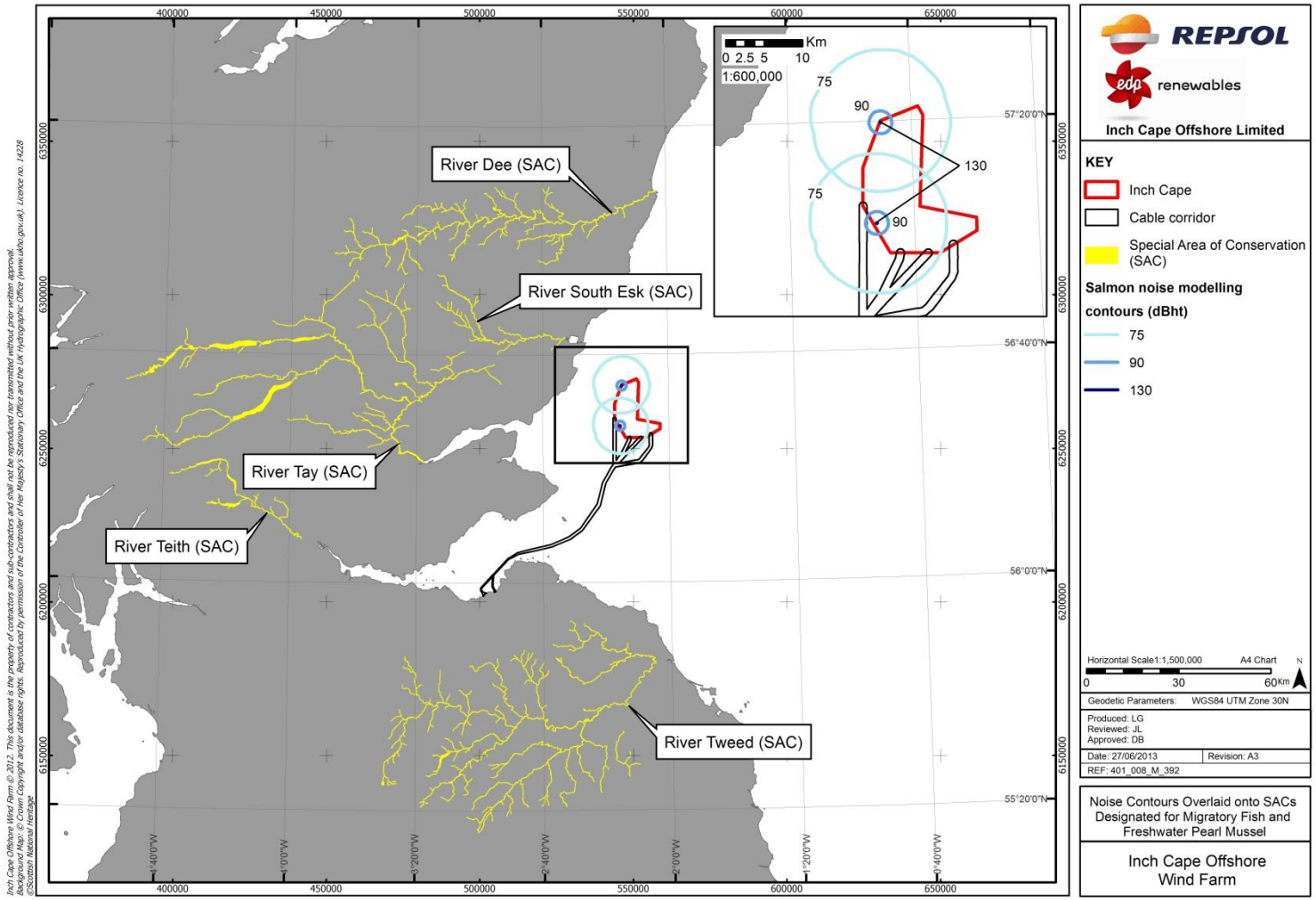


Figure 13.18: Cumulative Noise Contours for Herring Superimposed onto Herring Spawning Areas

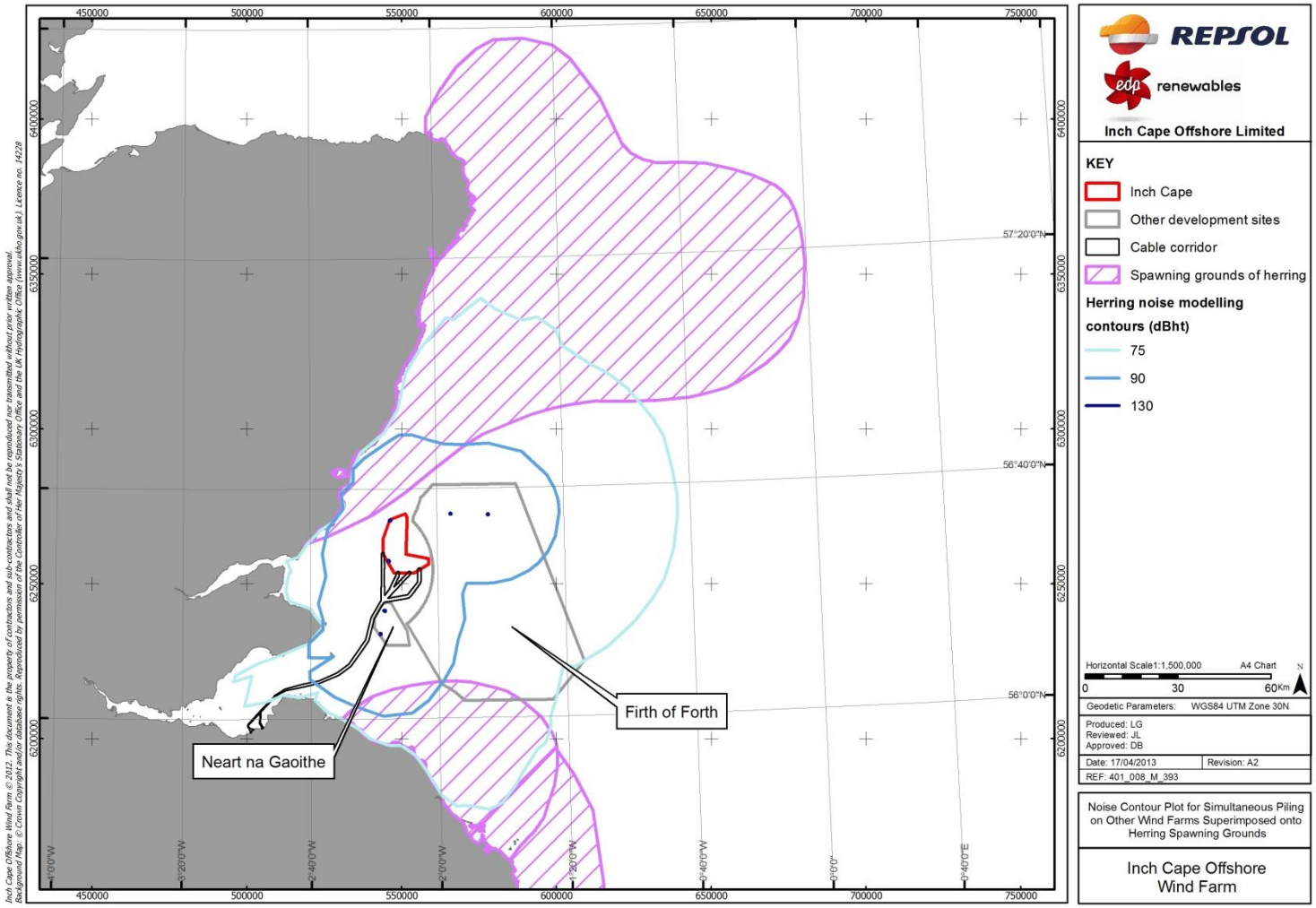


Figure 13.19: Cumulative Noise Contours for Salmon Overlaid onto SACs Designated for Migratory Fish and Freshwater Pearl Mussel

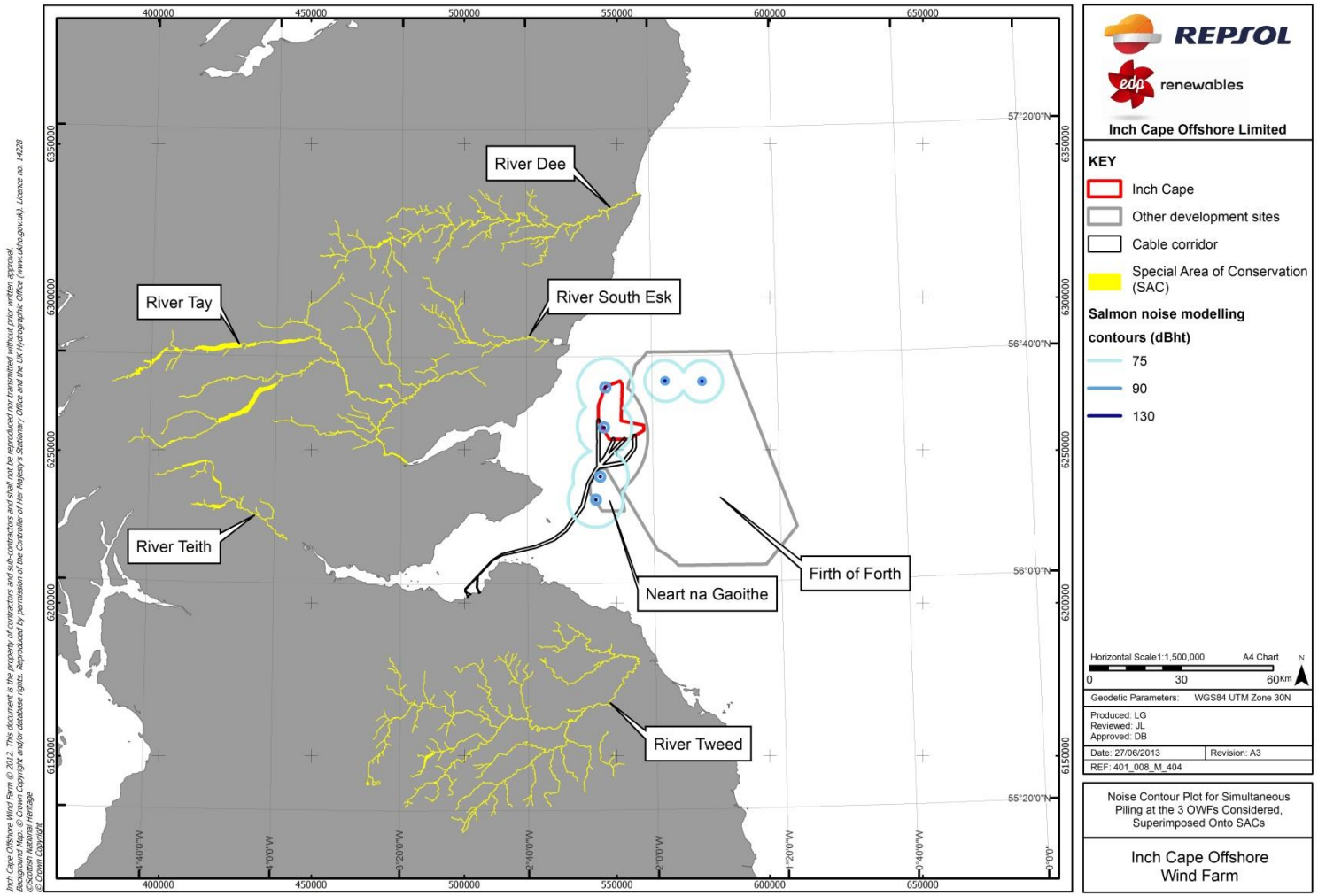


Figure 14.1: Estimated harbour porpoise absolute density based on corrected count data (MacKenzie *et al*., 2012)

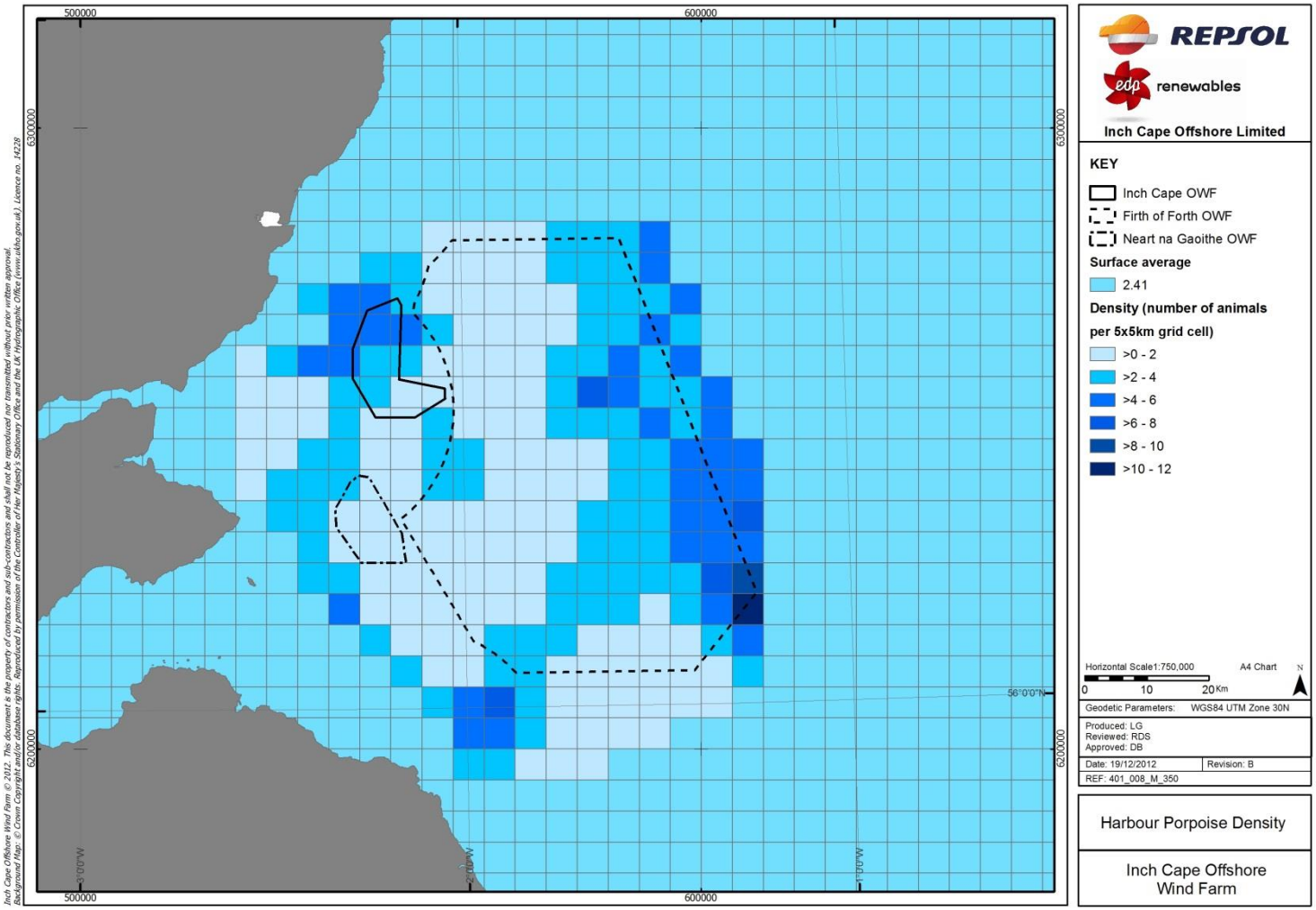


Figure 14.2: Predicted bottlenose dolphin density in coastal waters outside of the Moray Firth

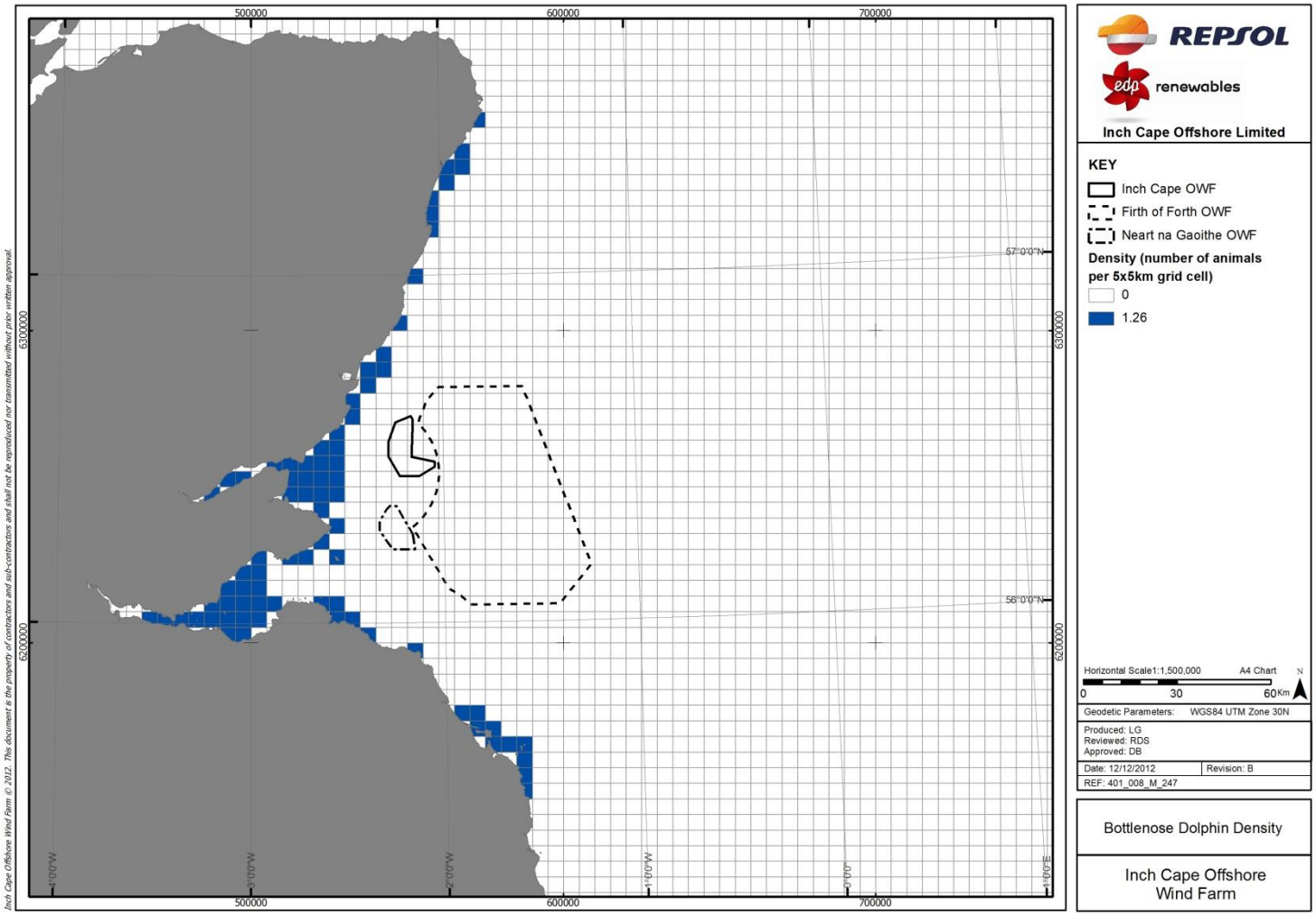


Figure 14.3: Estimated white-beaked dolphin density based on corrected count data (Mackenzie *et al*., 2012)

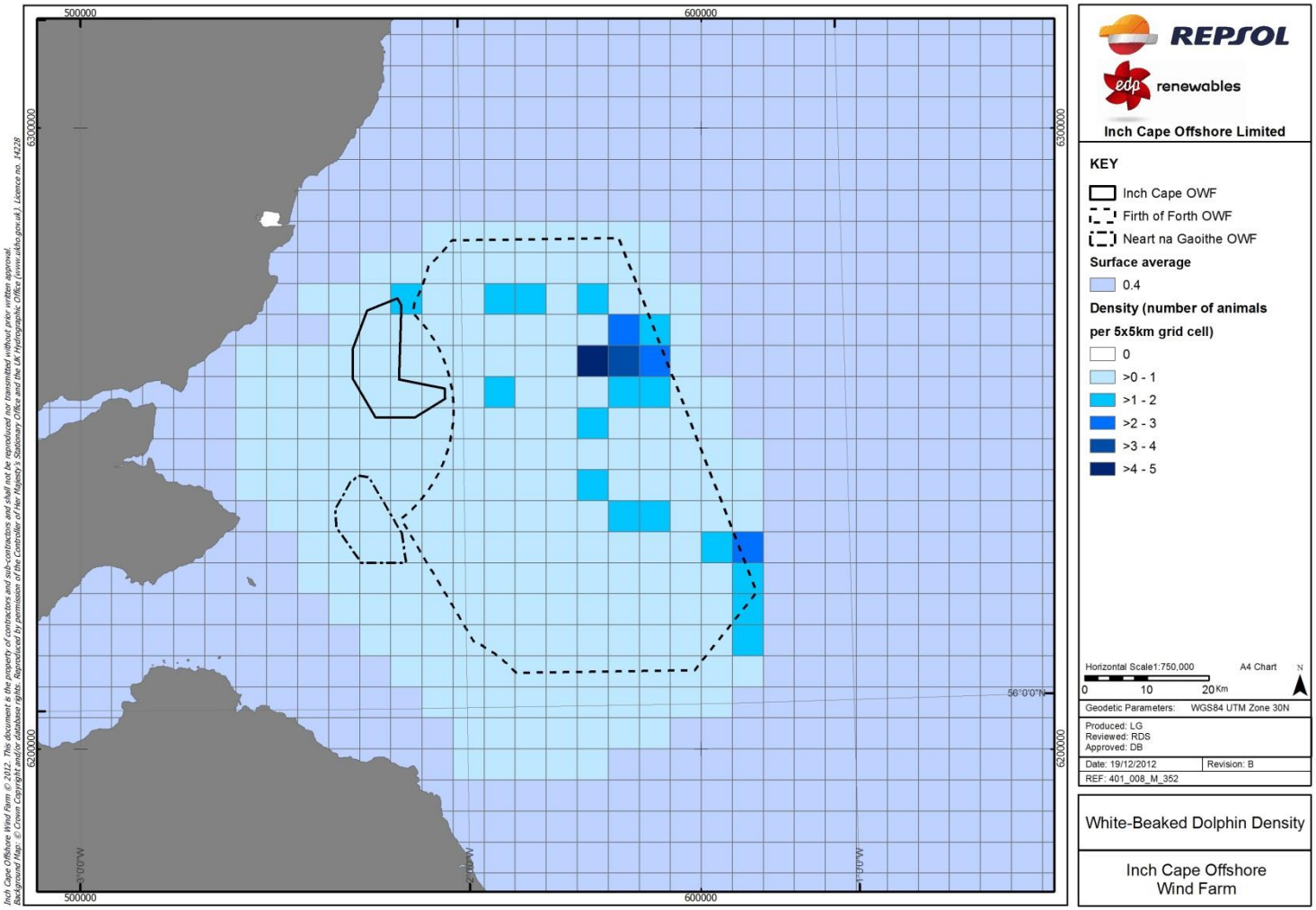


Figure 14.4: Estimated minke whale absolute density based on corrected count data (Mackenzie *et al*., 2012)

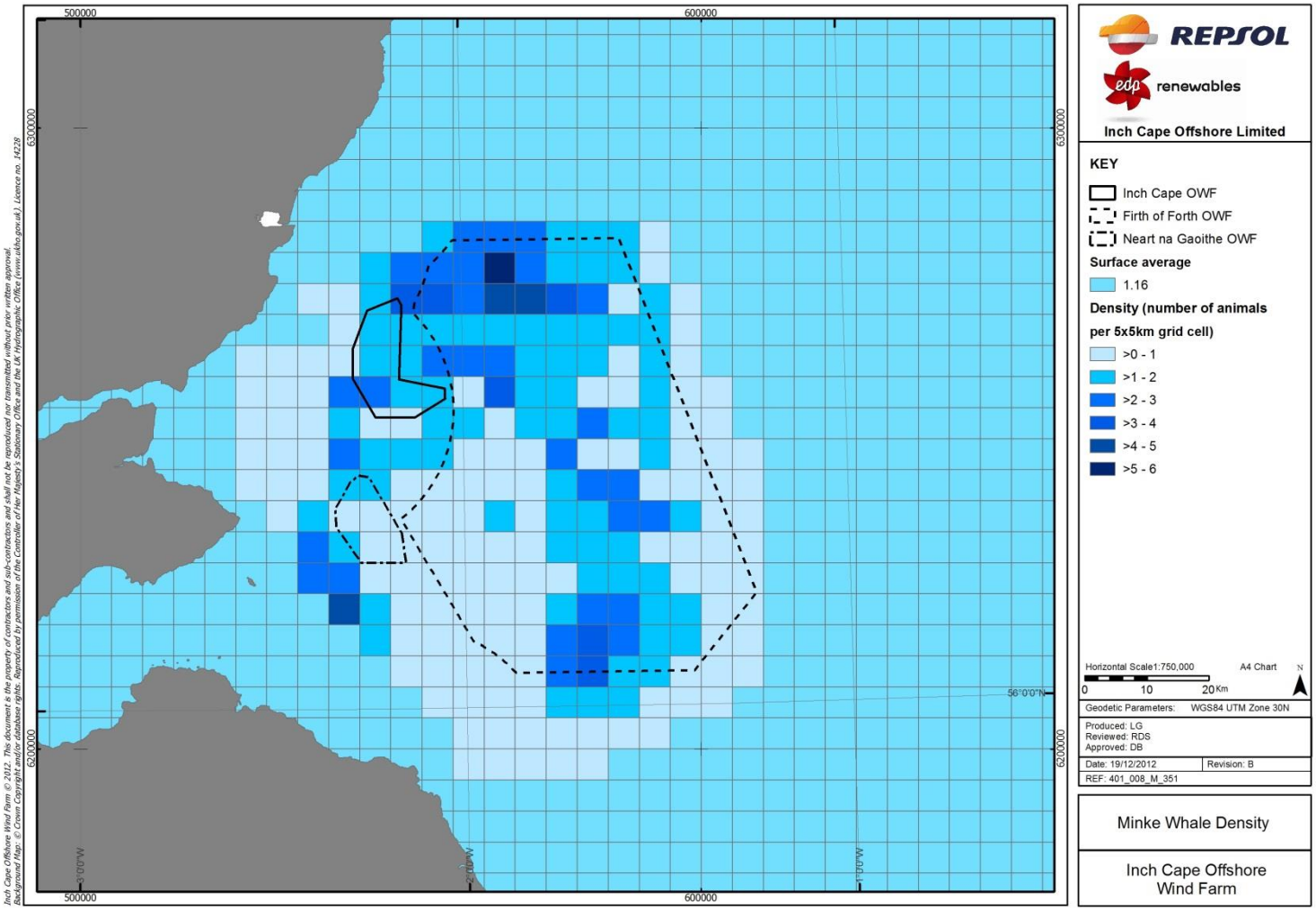


Figure 14.5: Harbour seal density

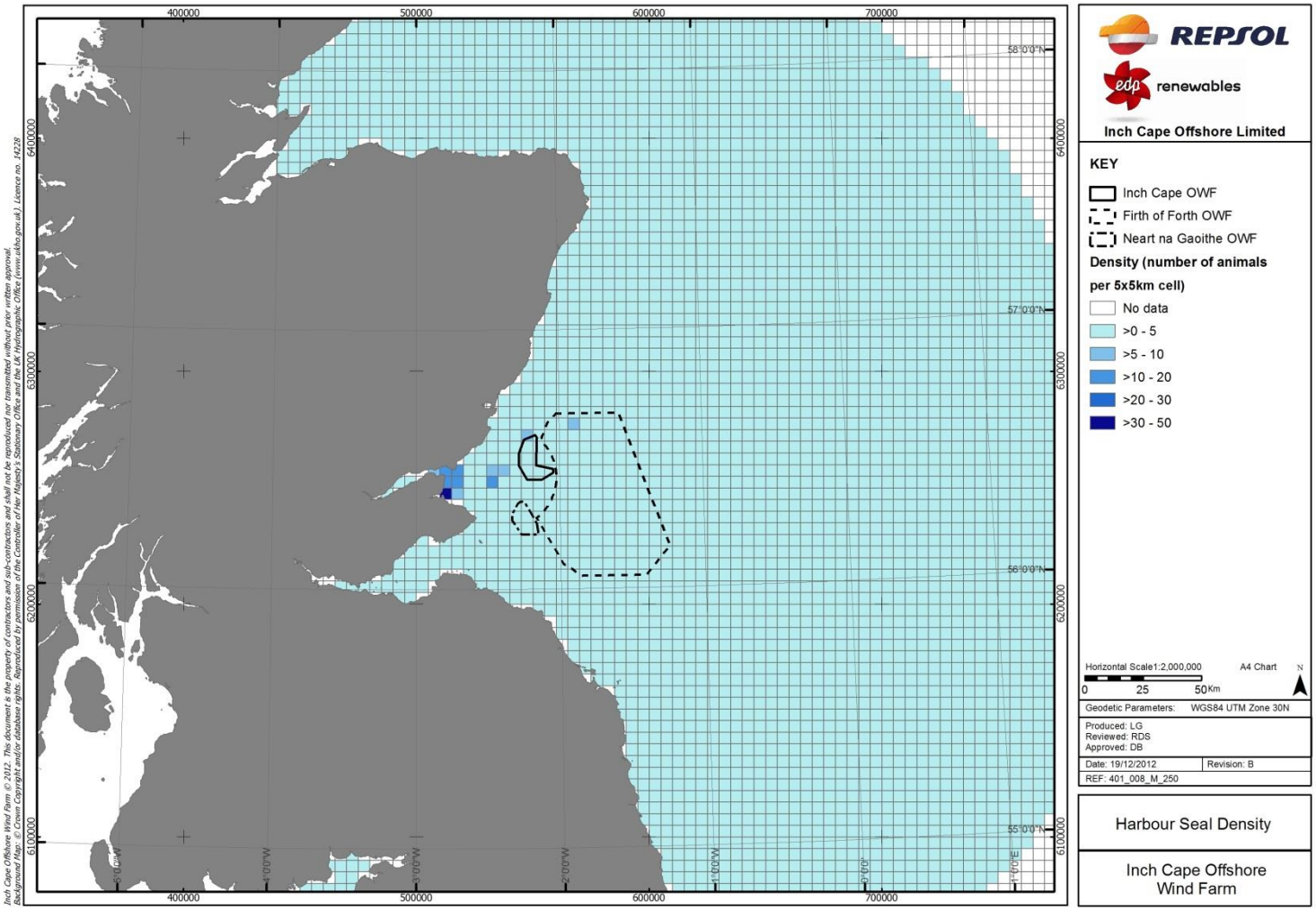


Figure 14.6: Grey seal density

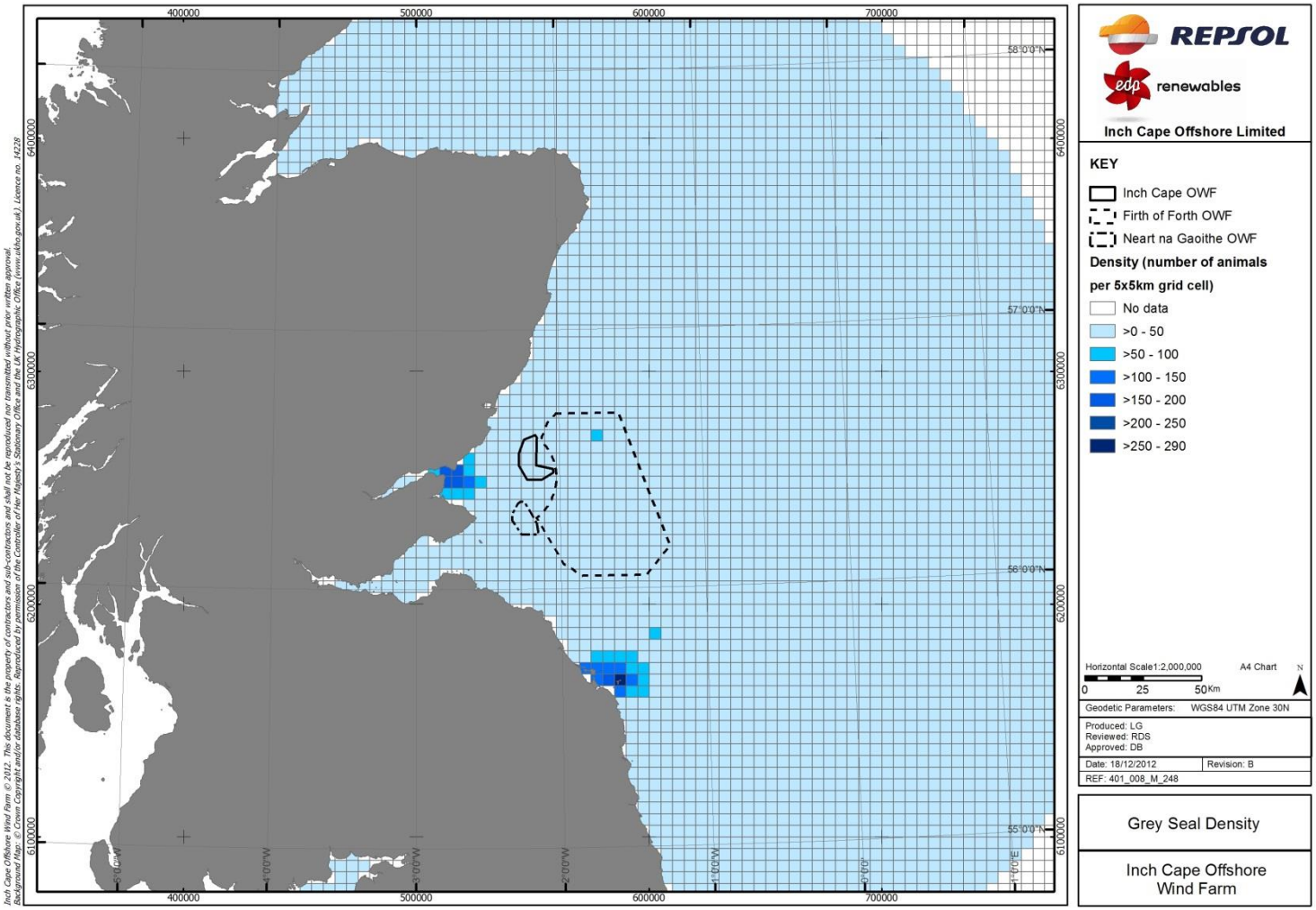


Figure 14.12: Noise modelling locations

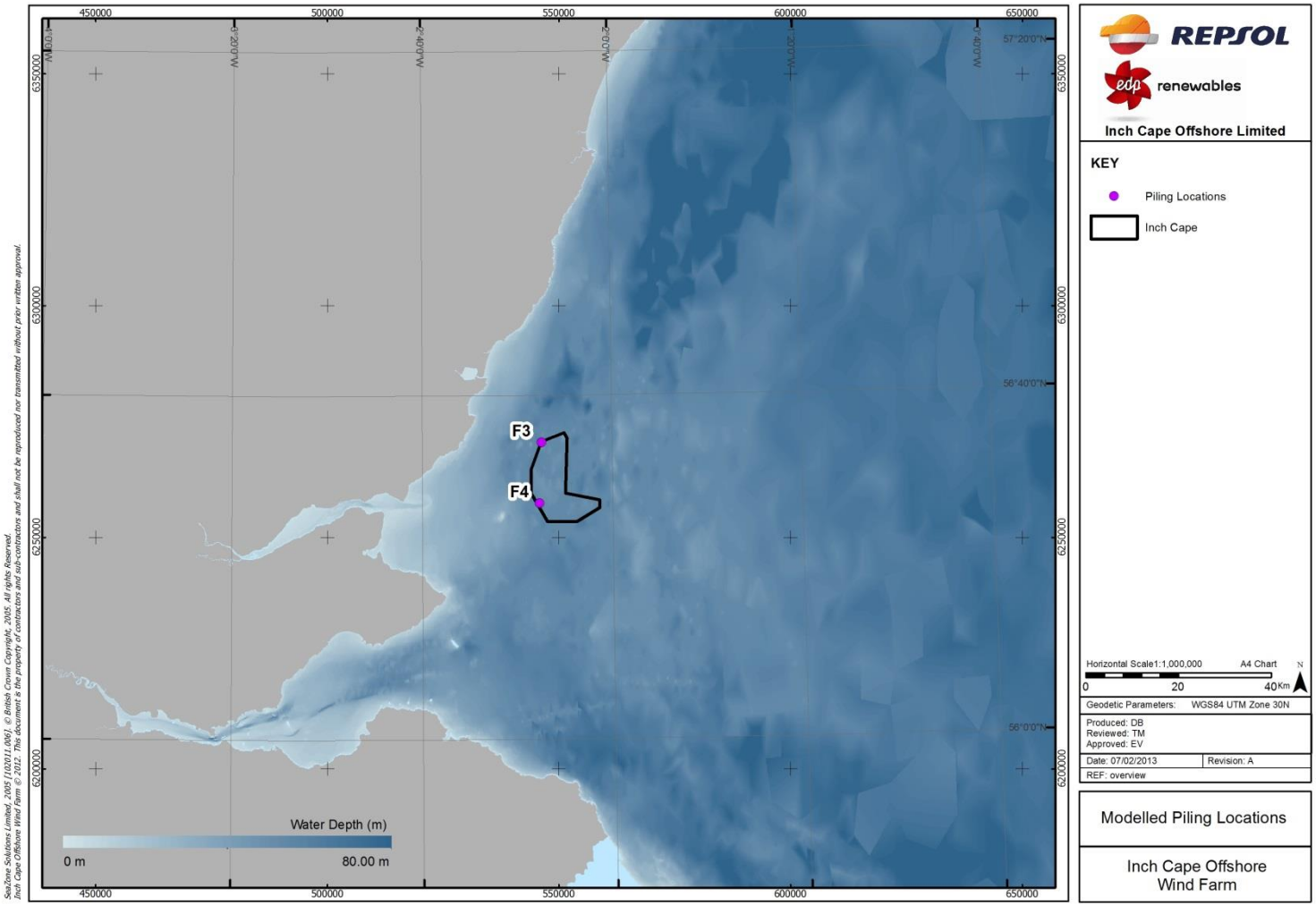


Figure 14.15: Noise modelling locations for cumulative assessment

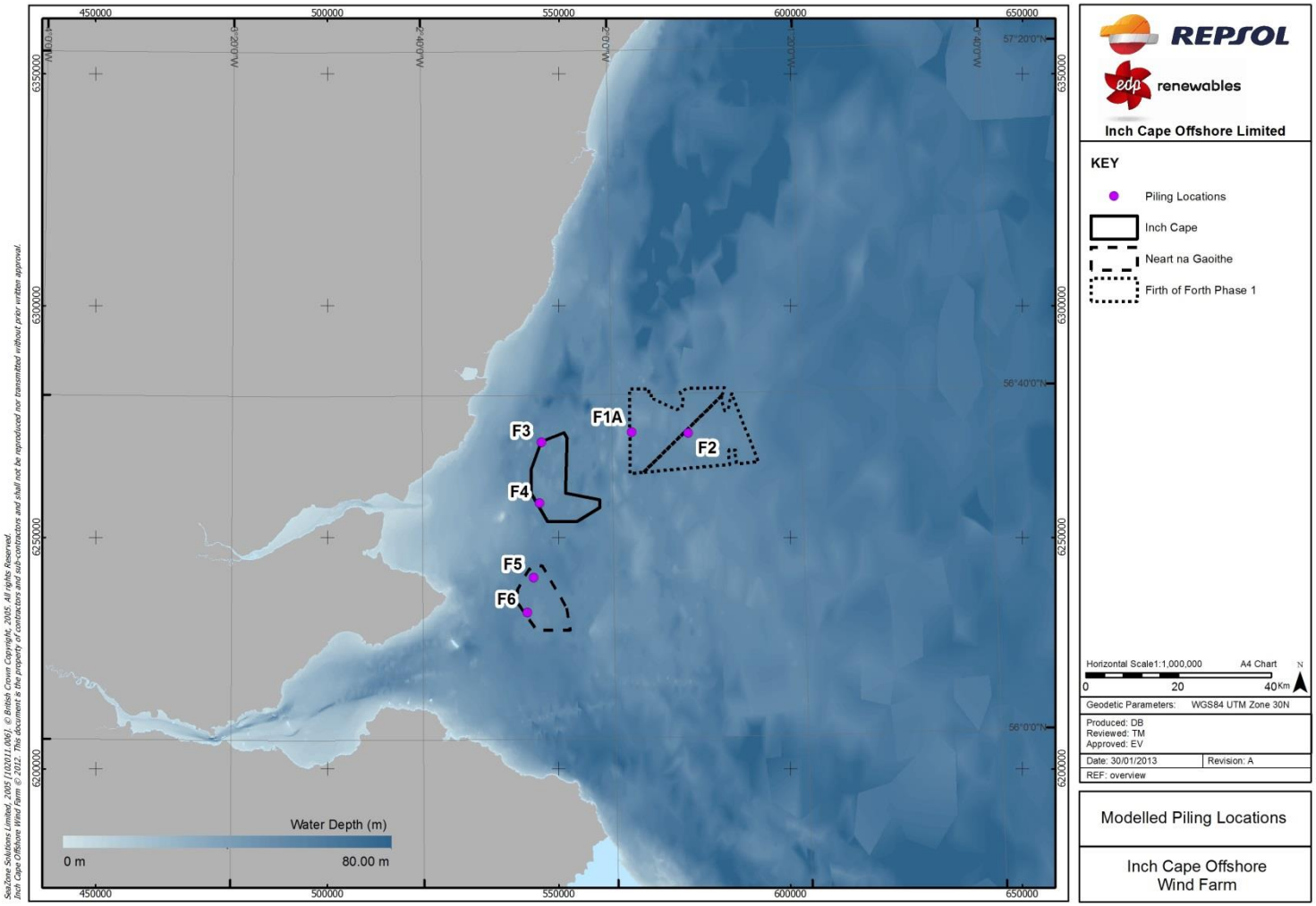


Figure 15.1: The Project and Related Ornithological Survey Areas

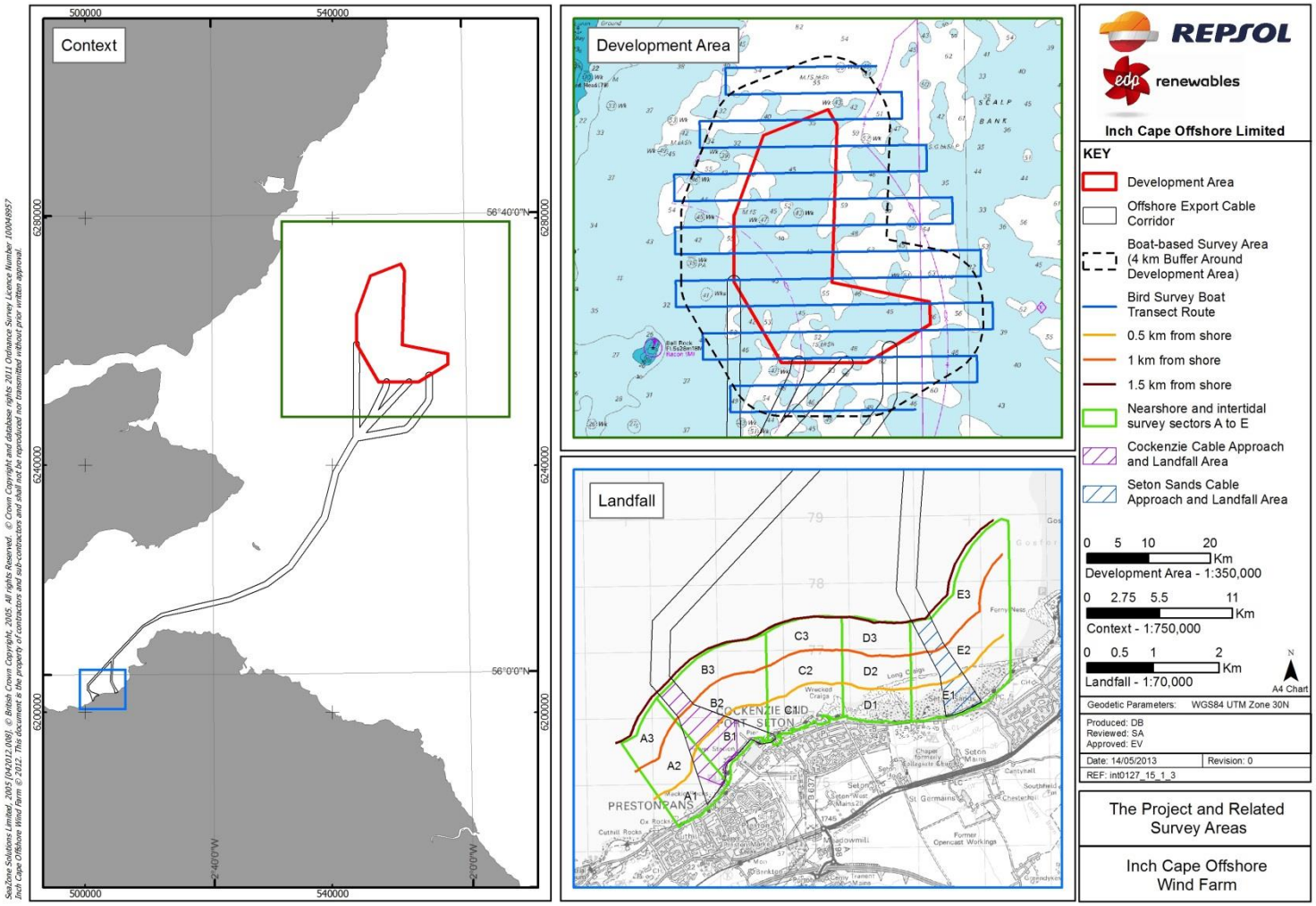


Figure 15.2: Designated Special Protection Areas and Ramsar Sites

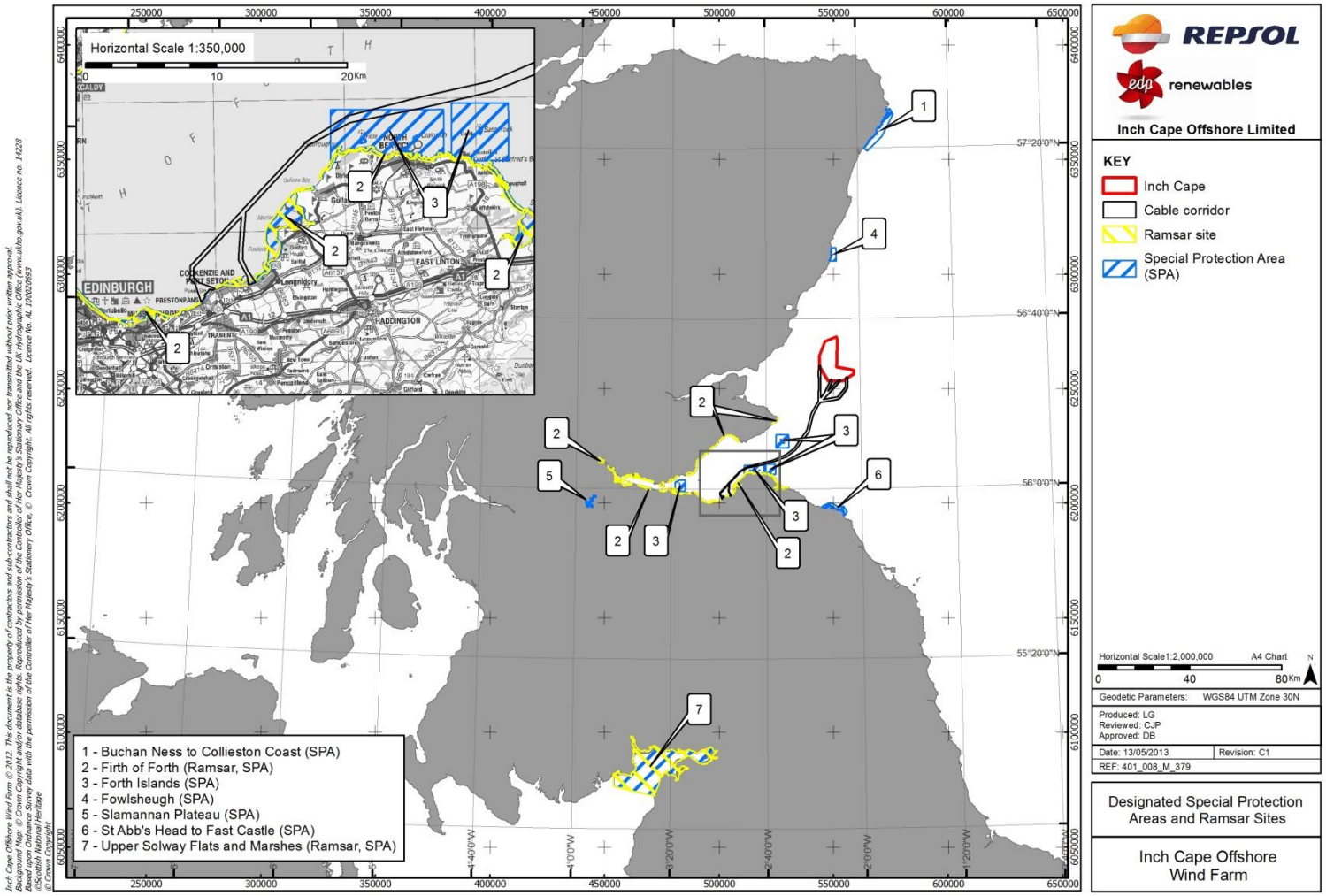


Figure 15.3: Intertidal and Cumulative Developments

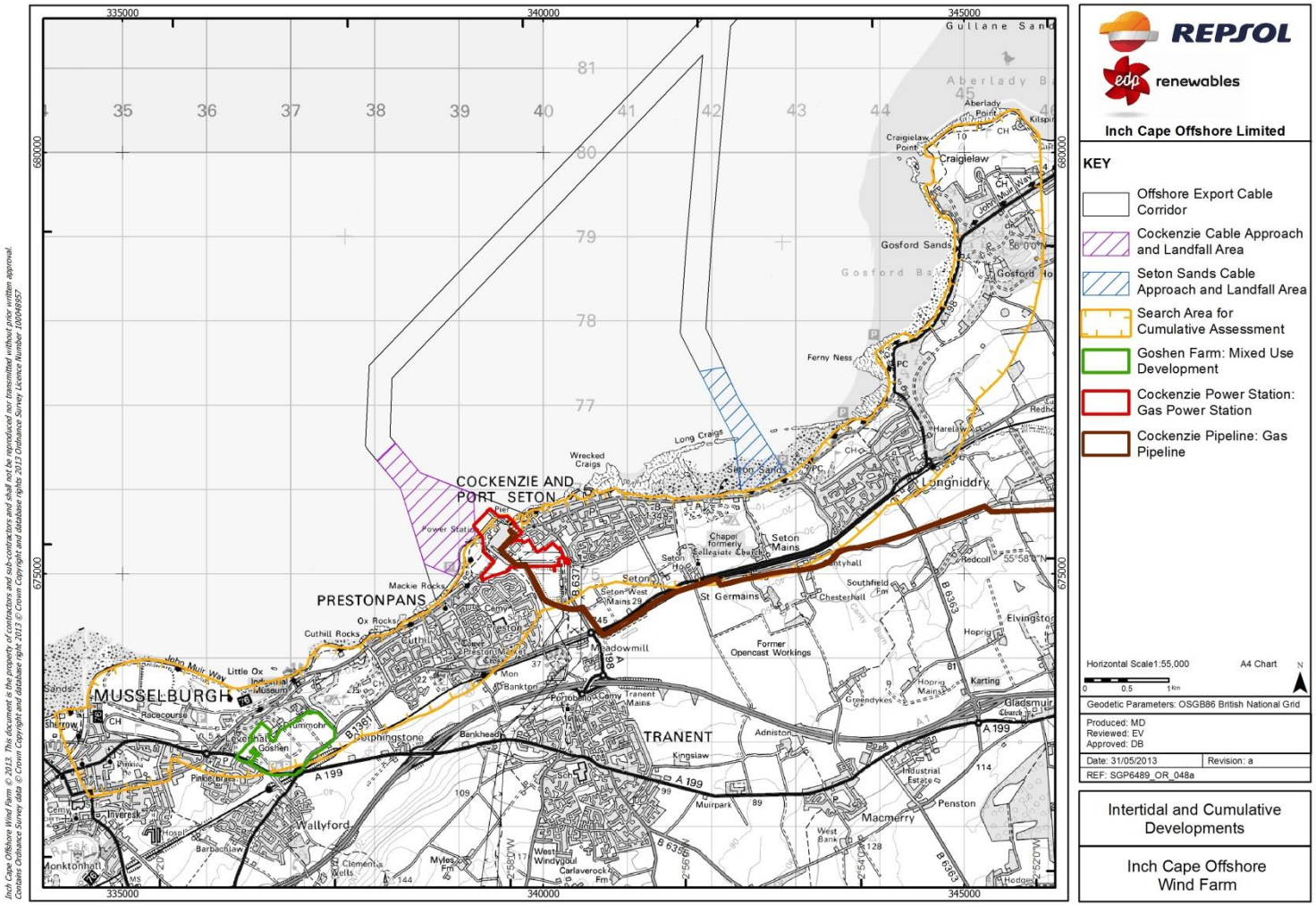


Figure 15.4: Kittiwake Foraging Ranges from SPAs

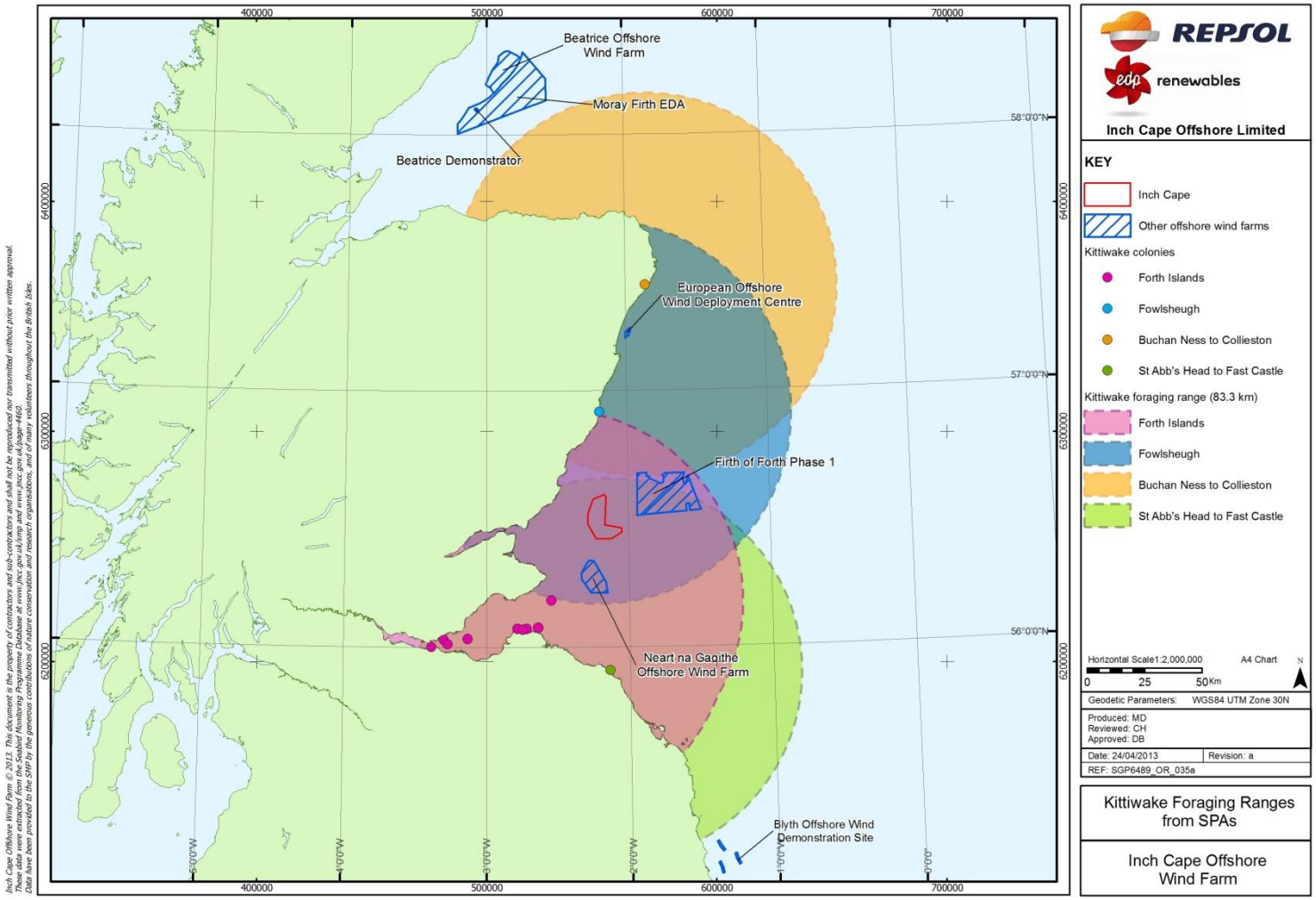


Figure 15.5: Herring Gull Foraging Ranges from SPAs

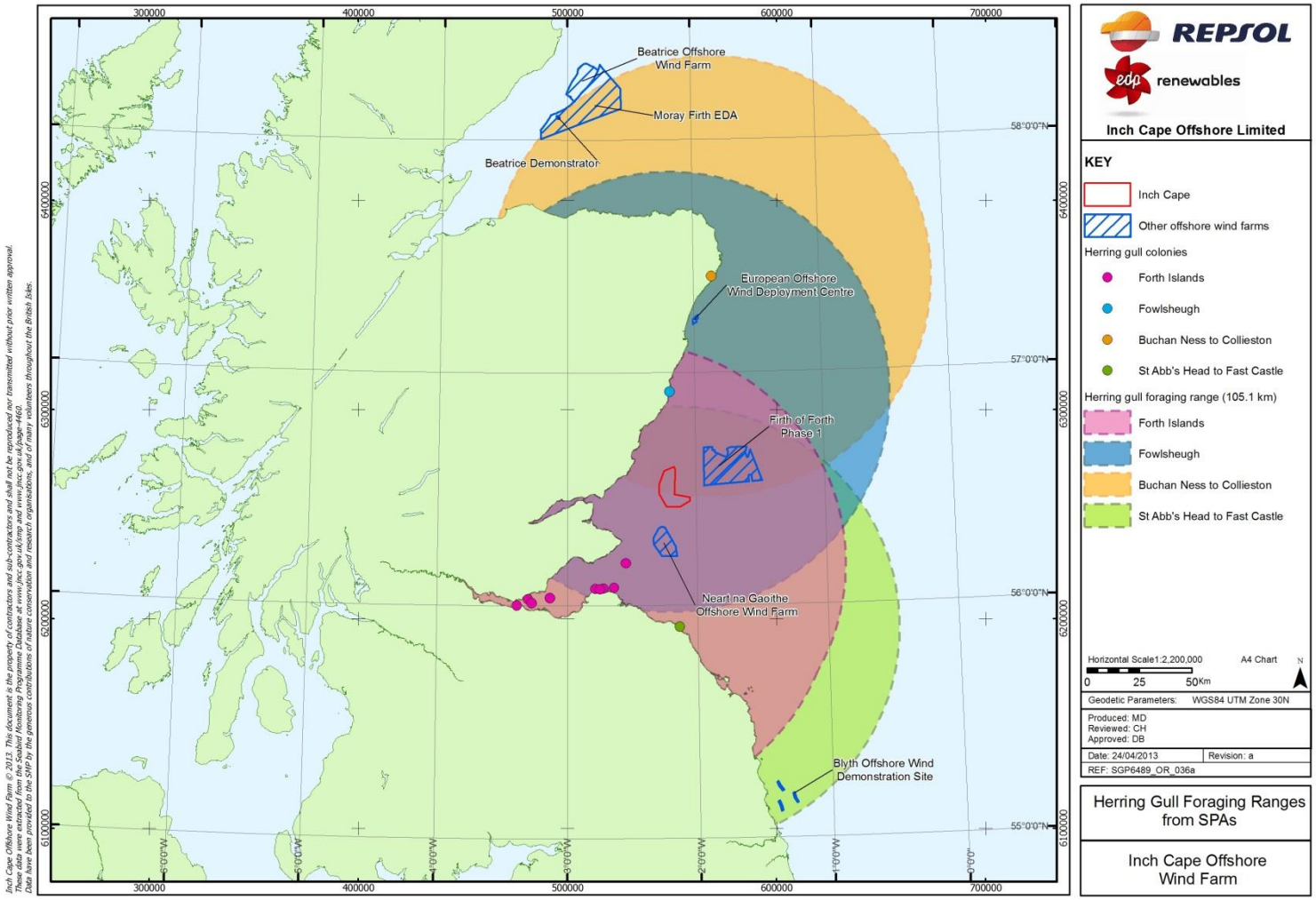


Figure 15.6: Lesser Black-backed Gull Foraging Ranges from SPAs

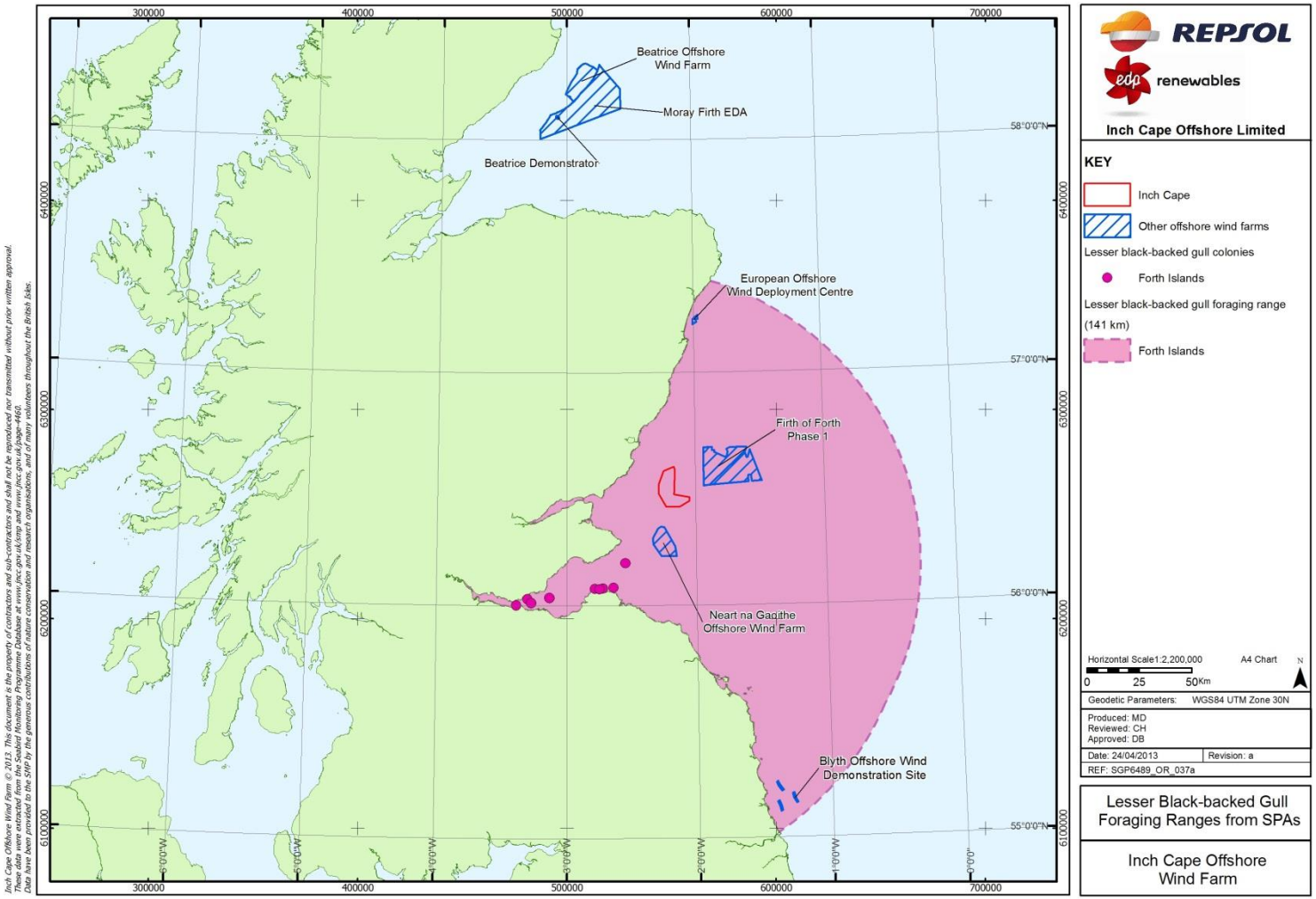


Figure 15.7: Arctic Tern Foraging Ranges from SPAs

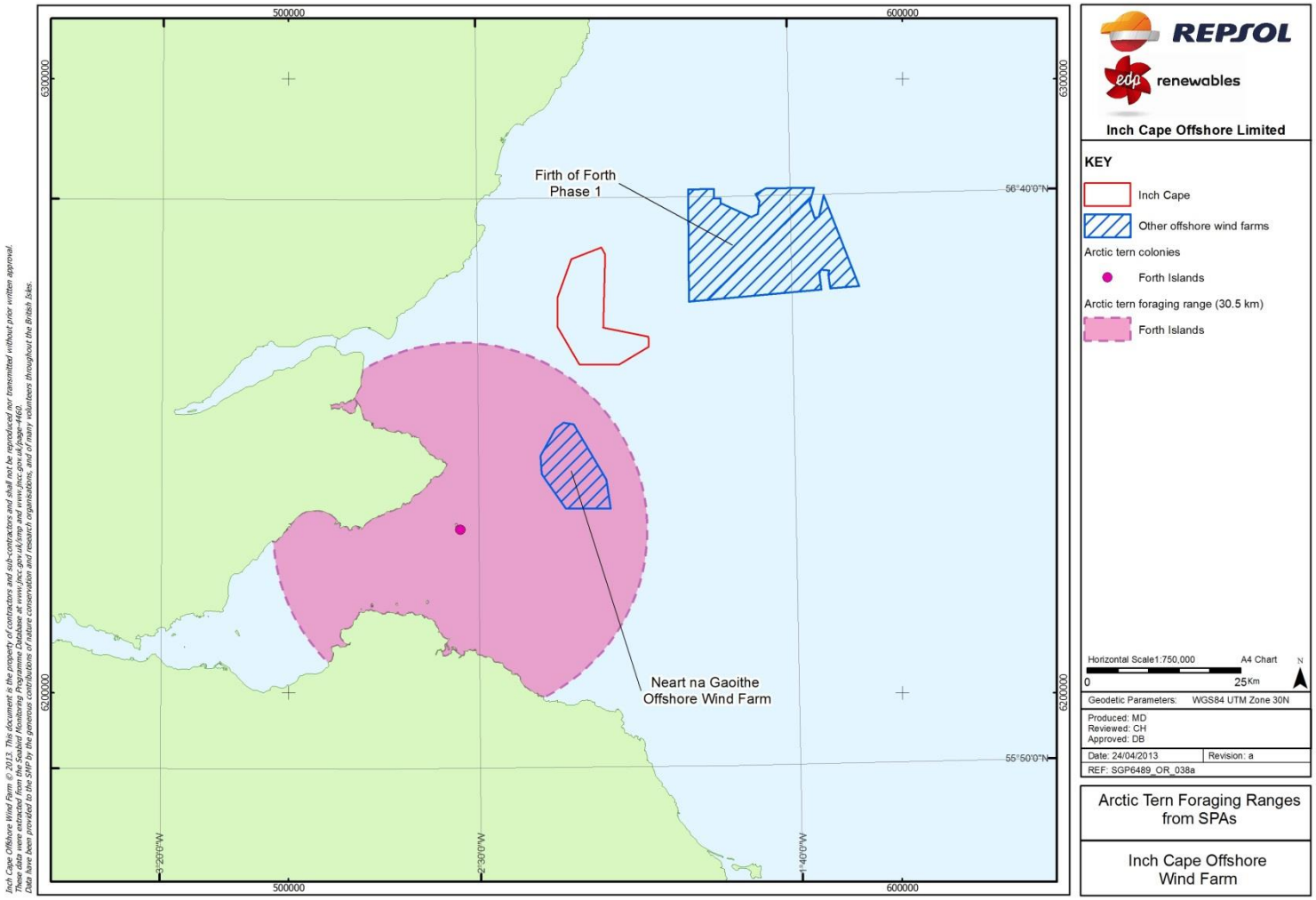


Figure 15.8: Common Tern Foraging Ranges from SPAs

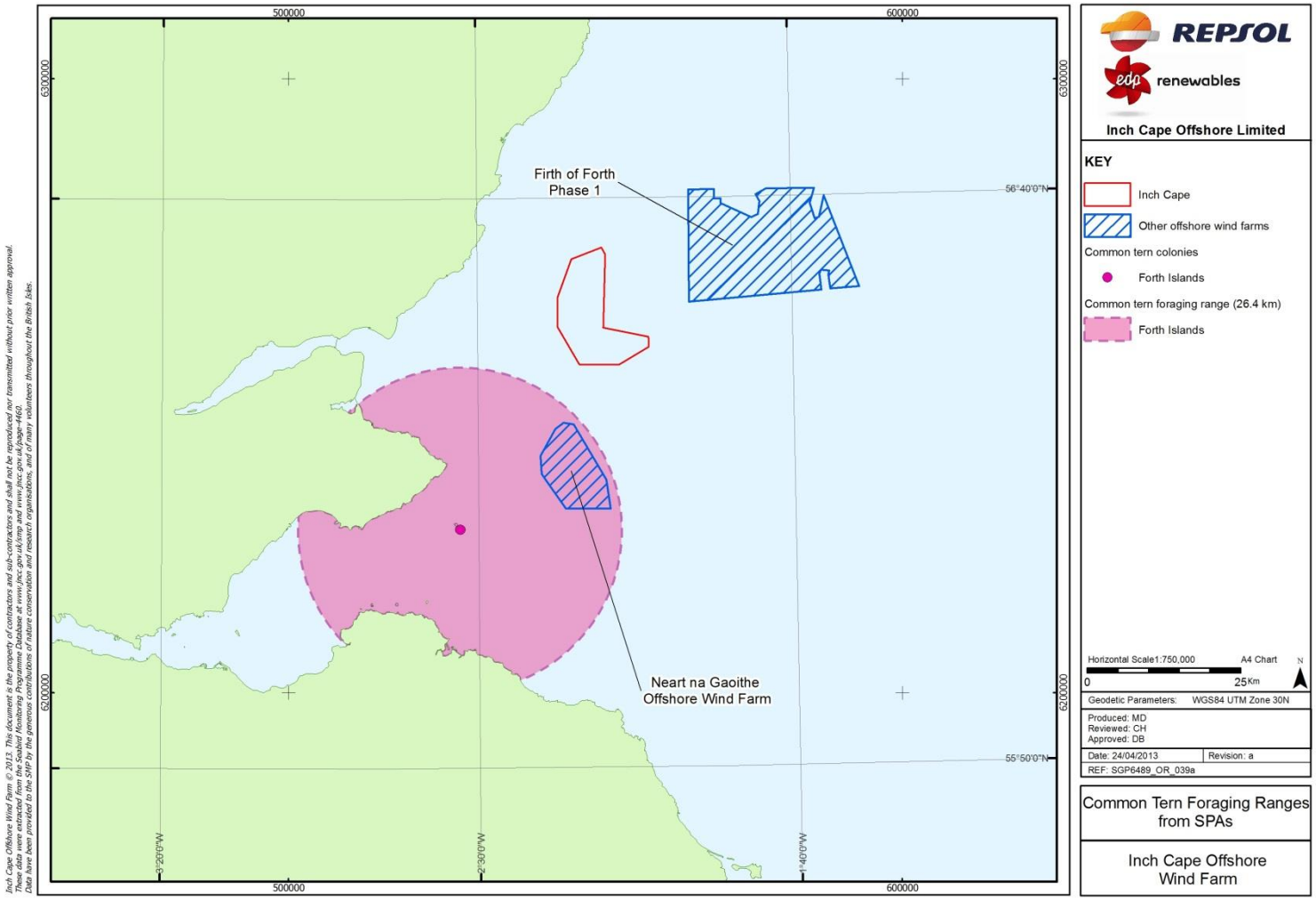


Figure 15.9: Guillemot Foraging Ranges from SPAs

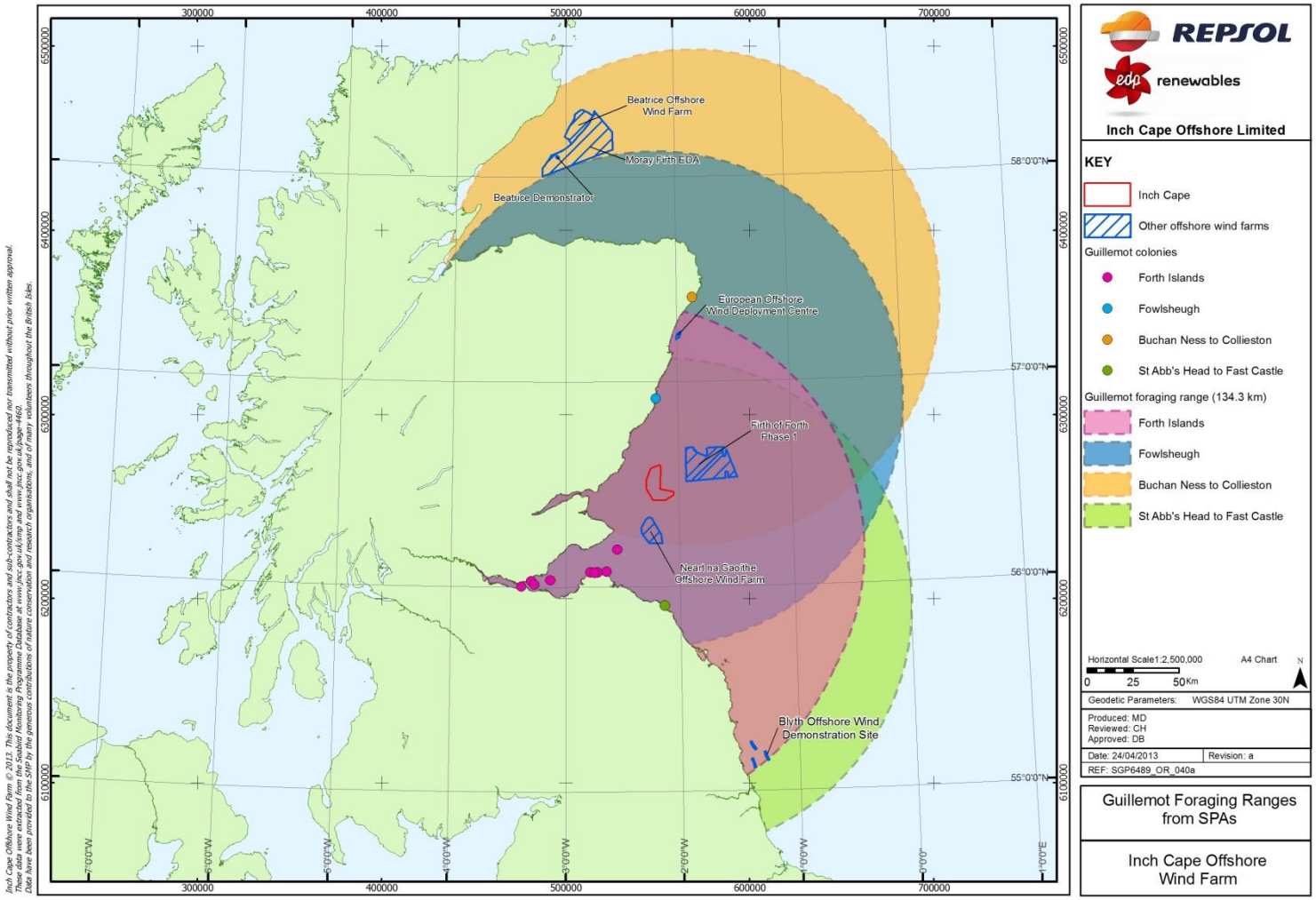


Figure 15.10: Razorbill Foraging Ranges from SPAs

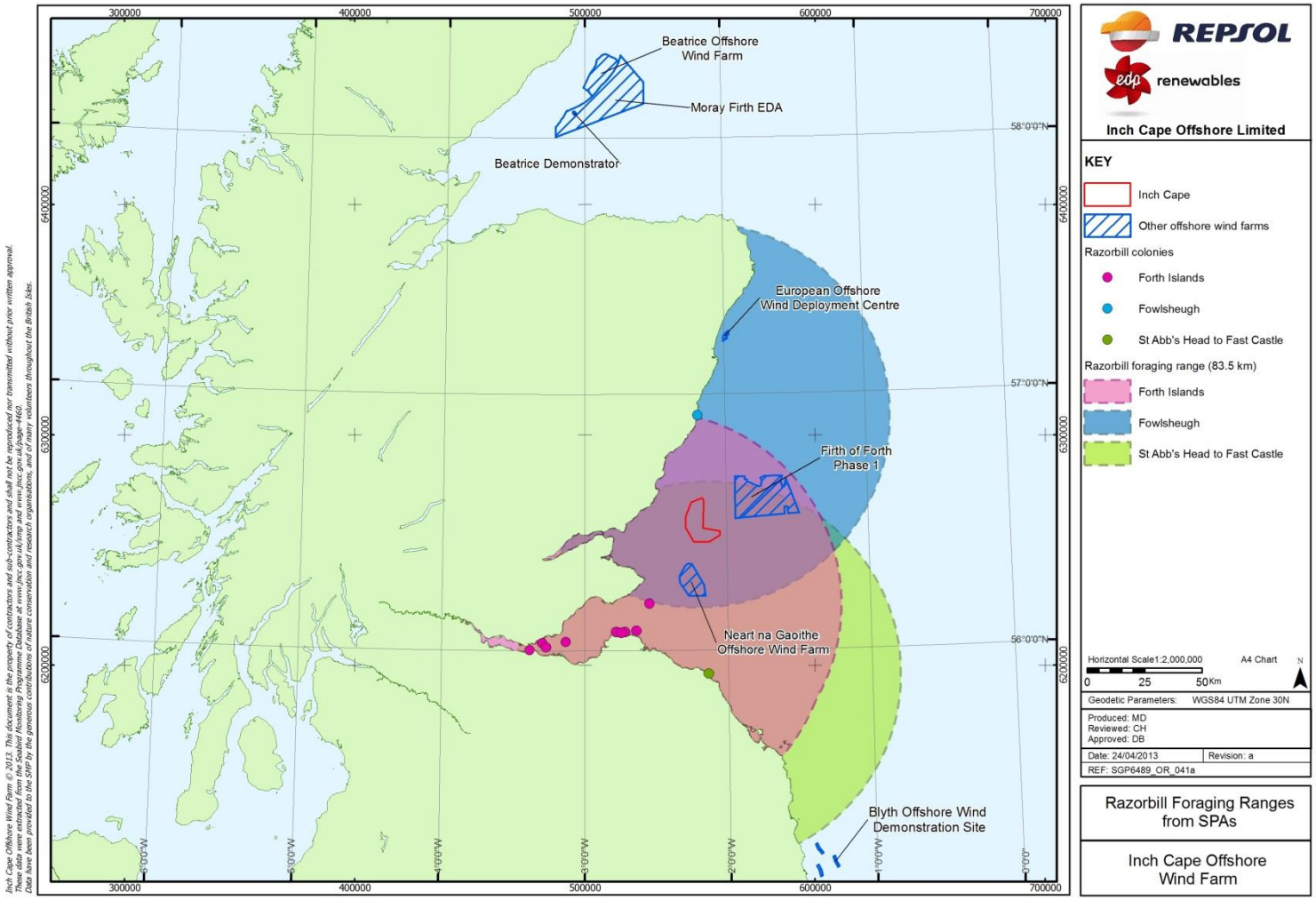


Figure 15.11: Puffin Foraging Ranges from SPAs

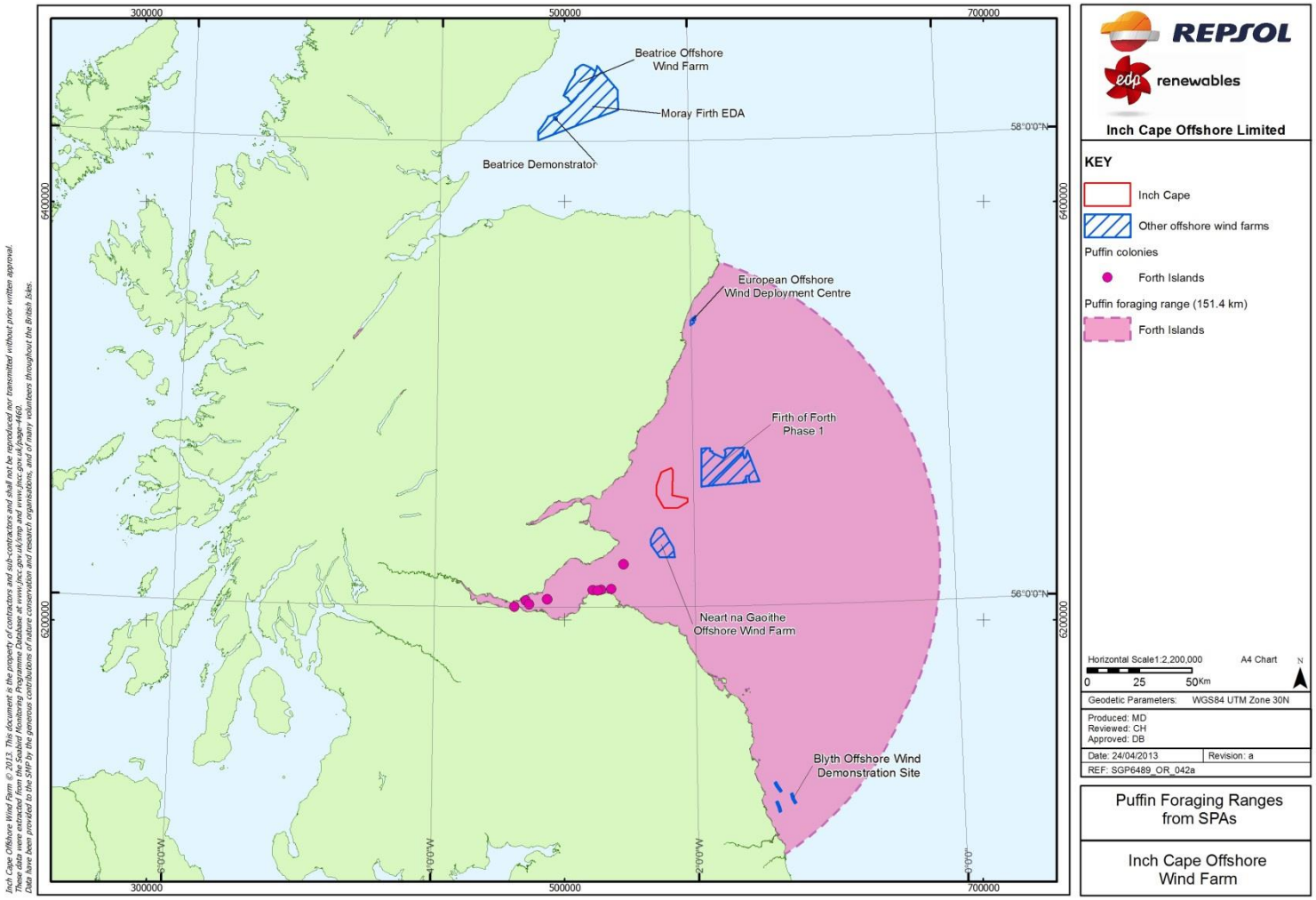


Figure 15.12: Gannet Foraging Ranges from SPAs

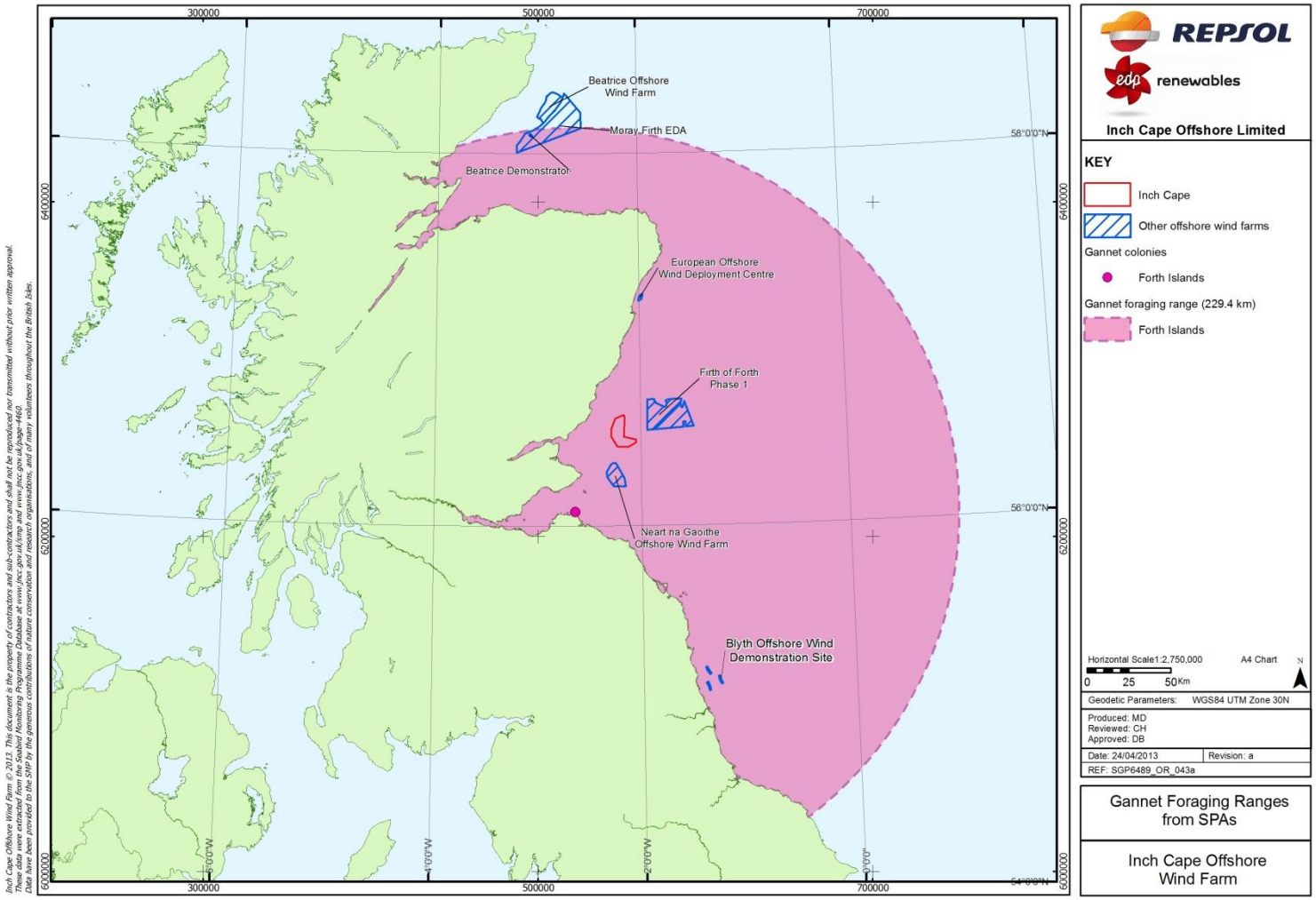
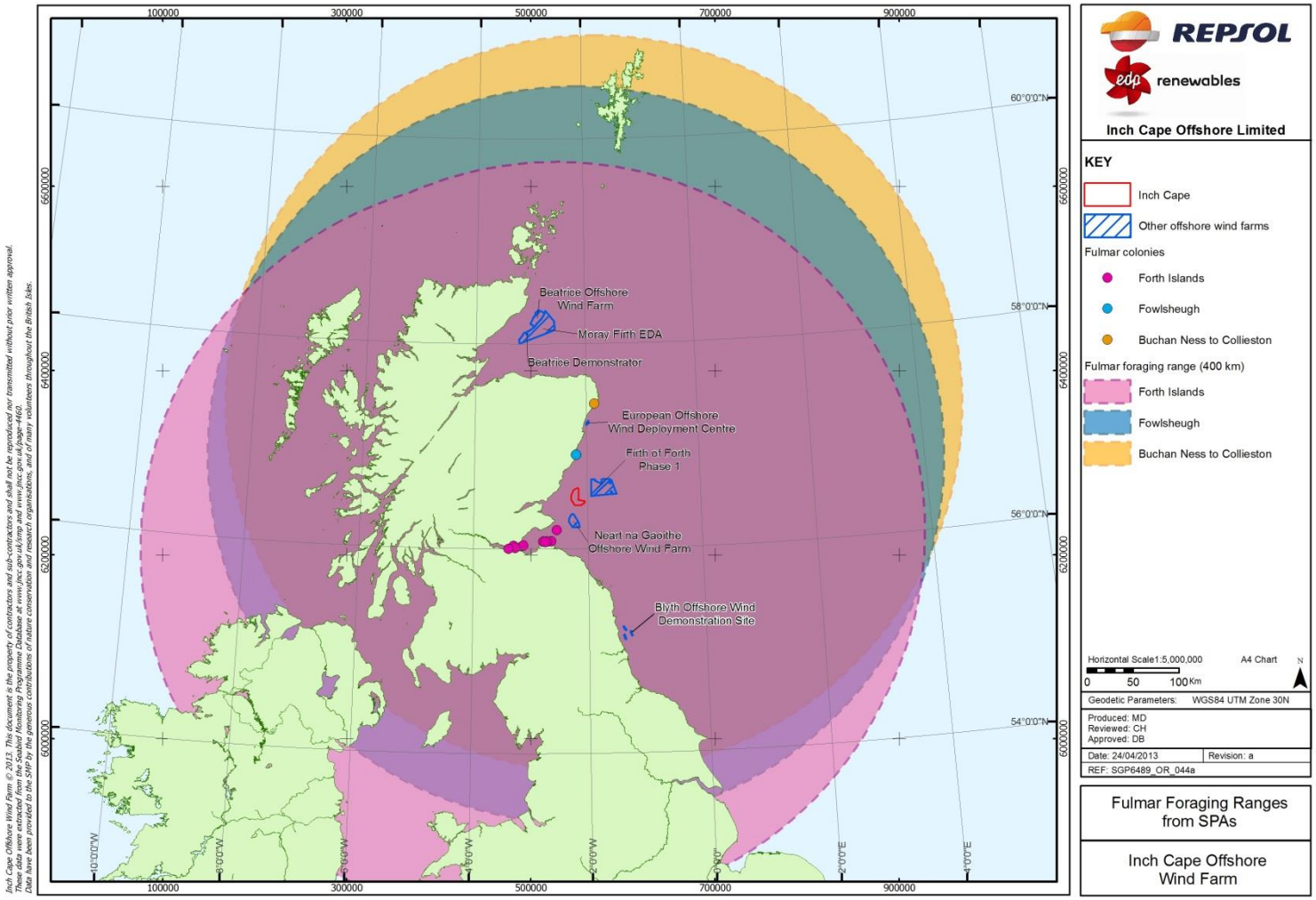


Figure 15.13: Fulmar Foraging Ranges from SPAs



NO FIGURES WERE PRESENTED IN CHAPTER 16

Figure 17.1: Archaeological Study Areas

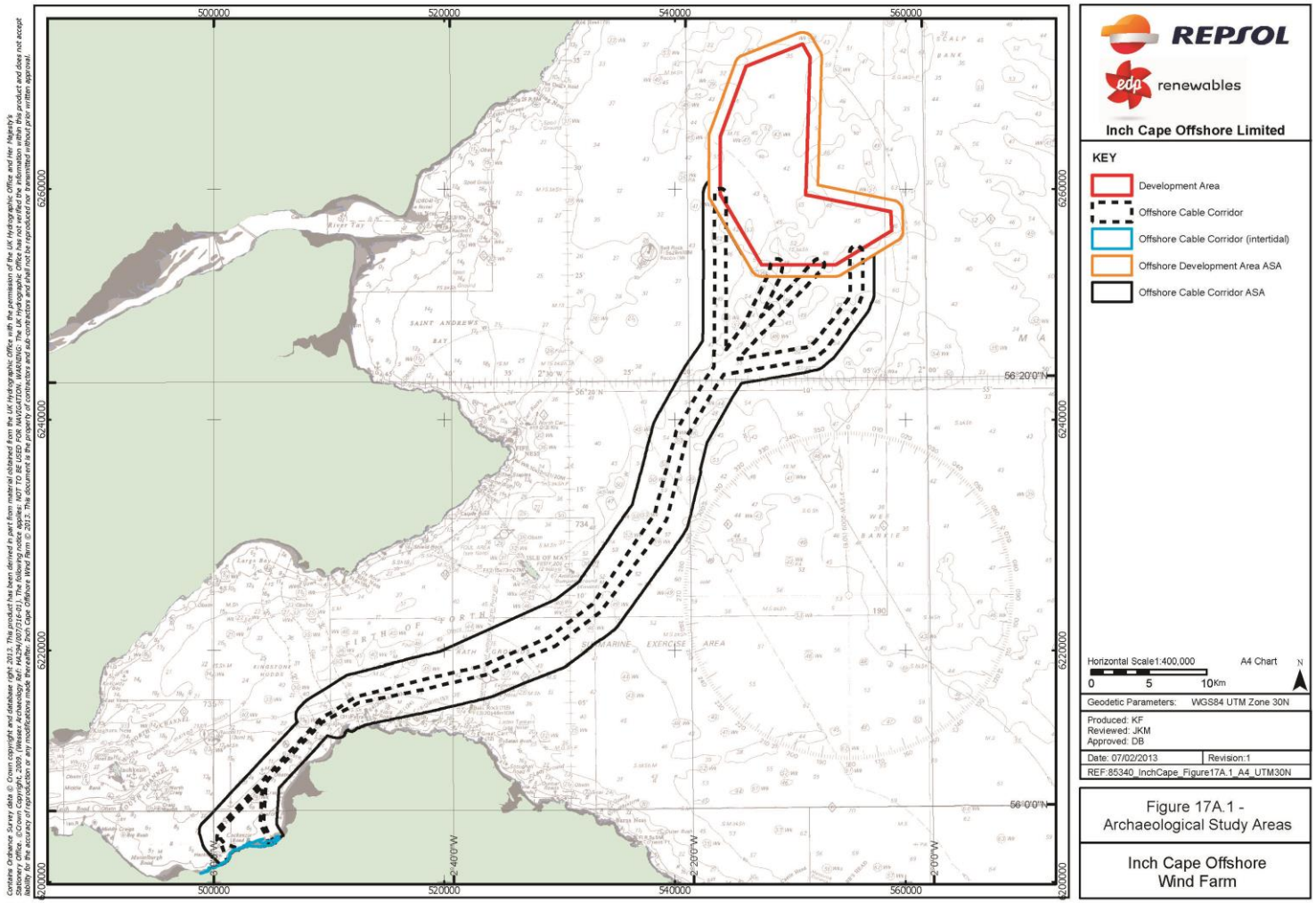


Figure 17.2: Located Receptors within the Development Area ASA

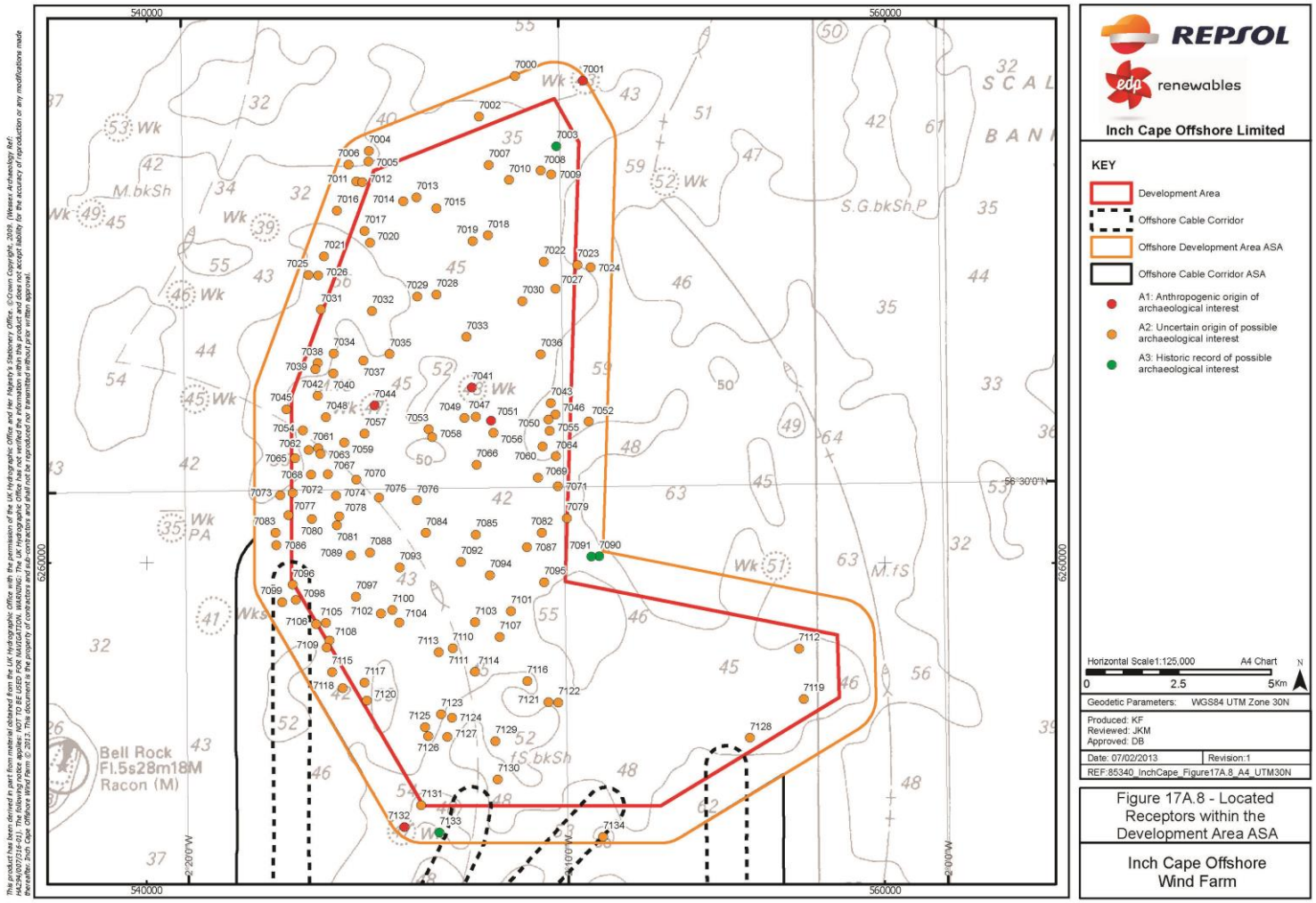


Figure 17.3: Setting Impact Assessment Receptors

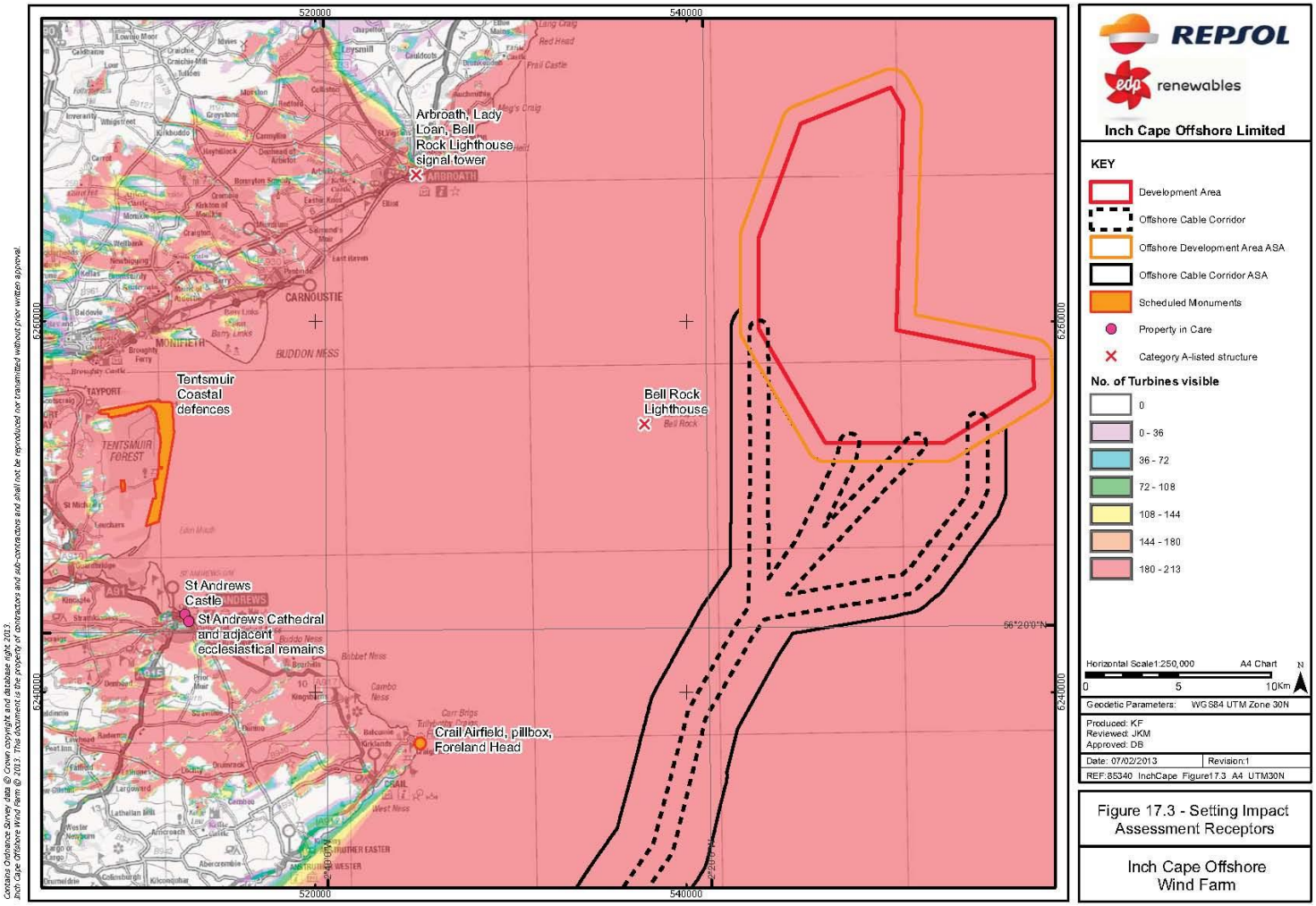


Figure 17.4: Located Receptors in the Offshore Export Cable Corridor ASA (North)

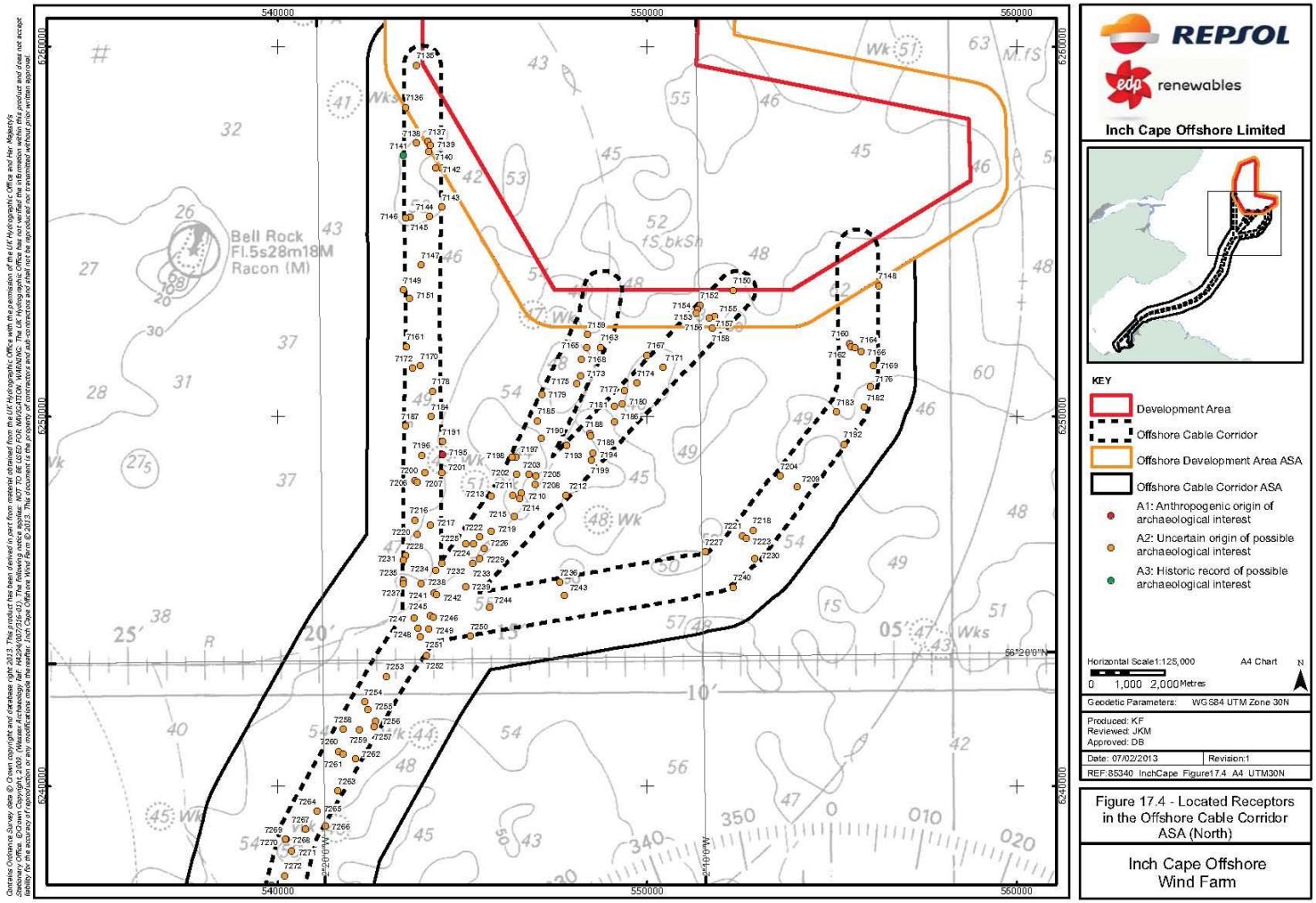


Figure 17.5: Located Receptors in the Offshore Export Cable Corridor ASA (Central)

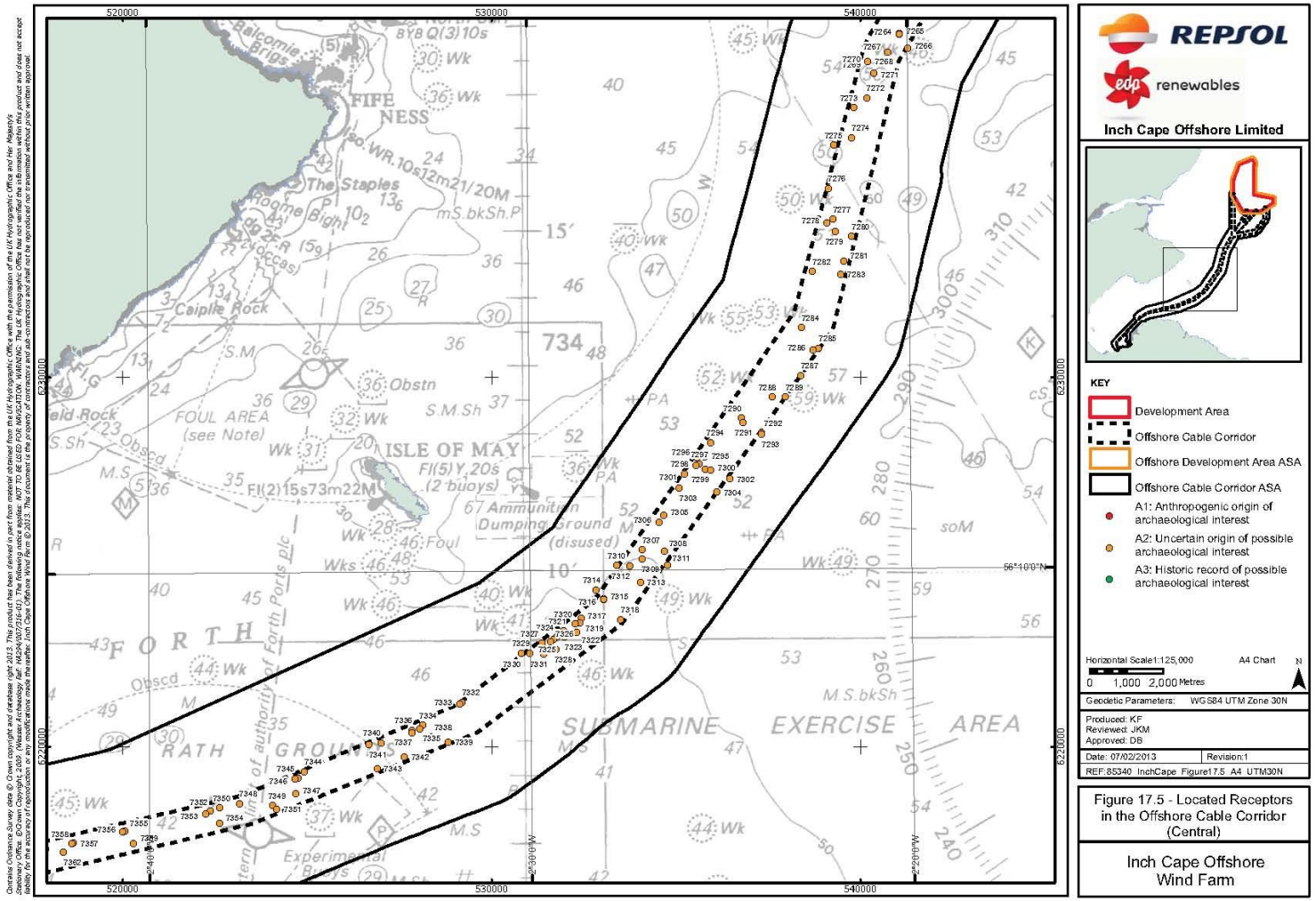


Figure 17.6: Located Receptors in the Offshore Export Cable Corridor ASA (South)

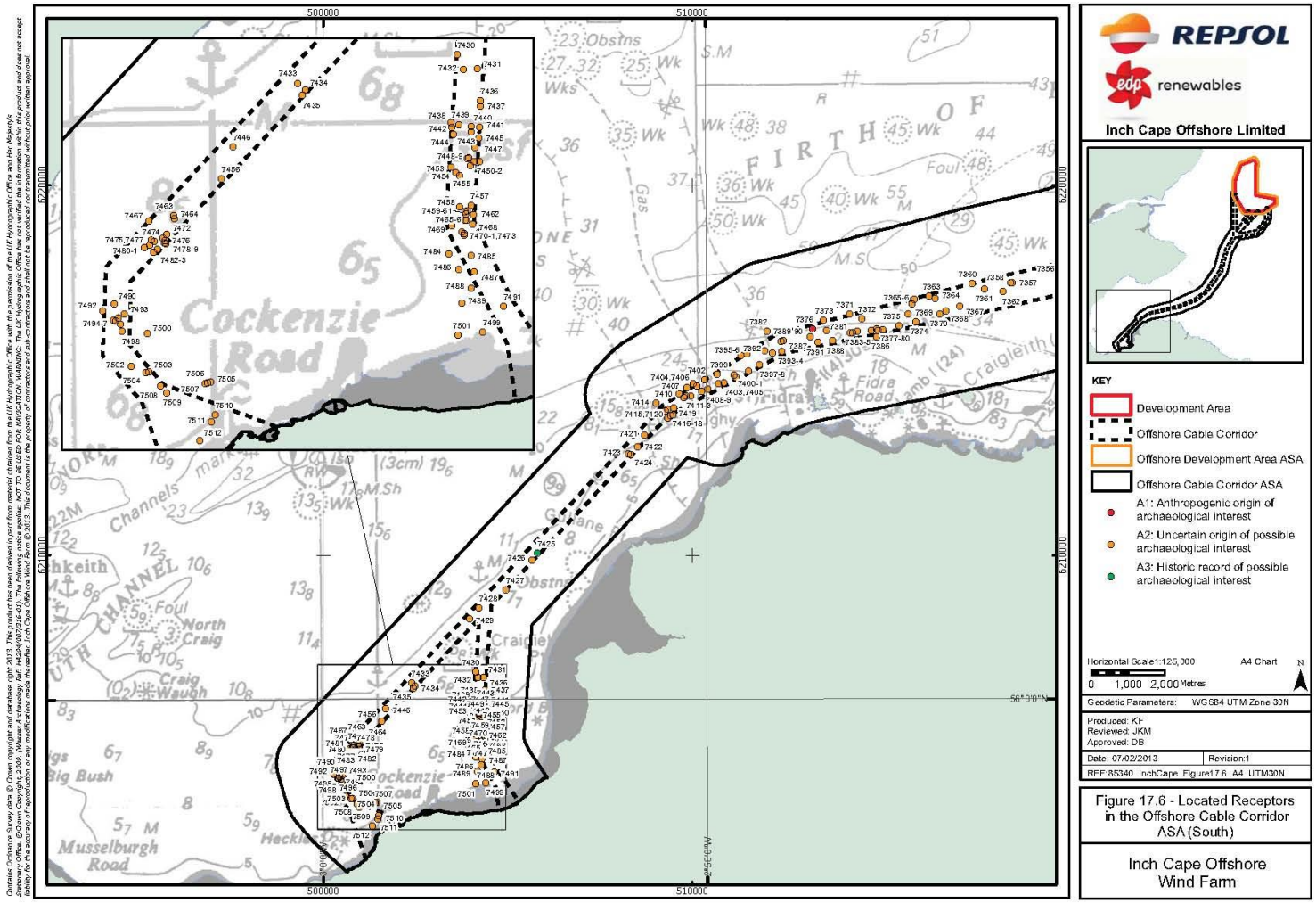


Figure 17.7: Located Receptors within the Offshore Export Cable Corridor ASA (intertidal)

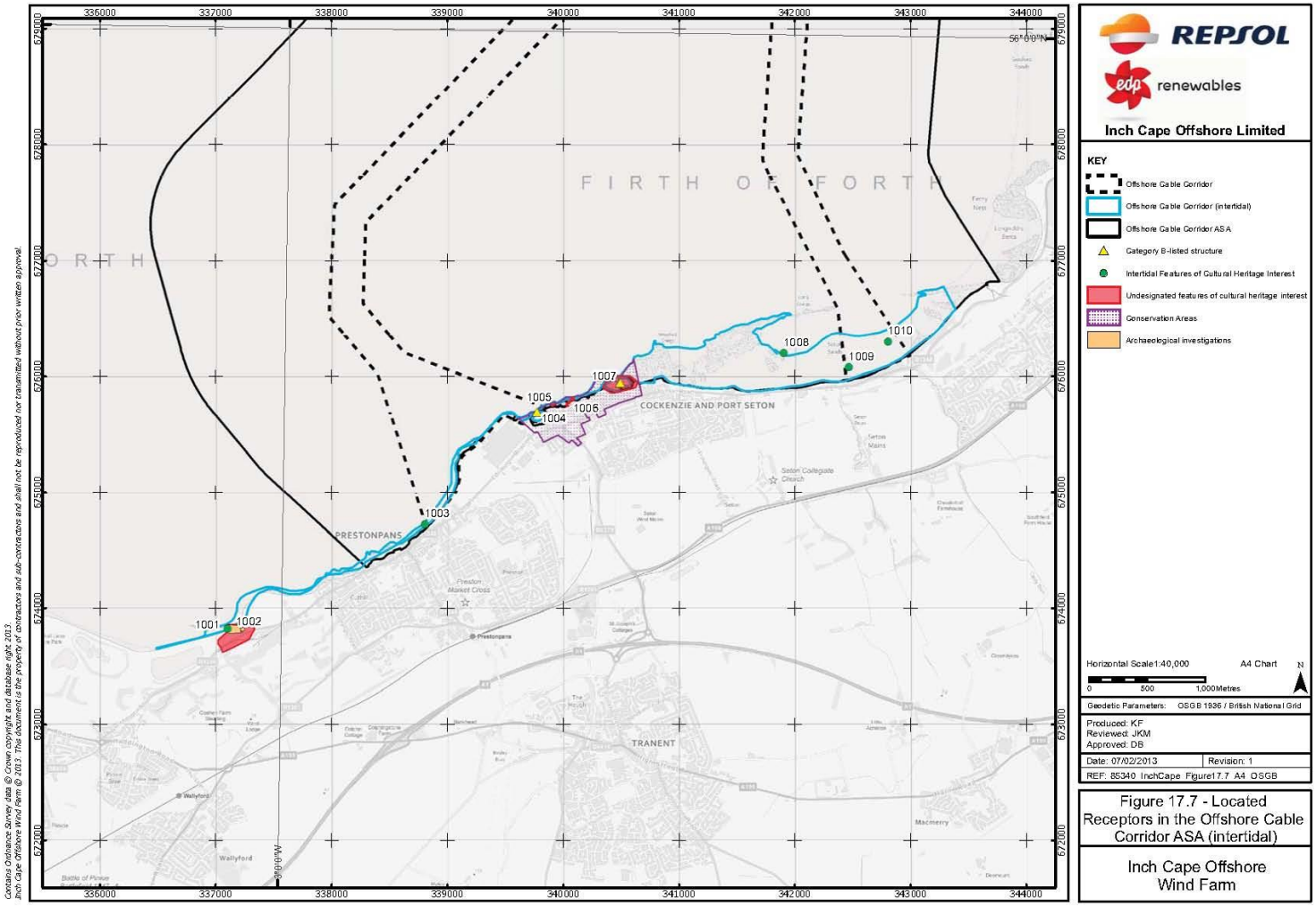


Figure 18.1: Commercial Fisheries Study Areas

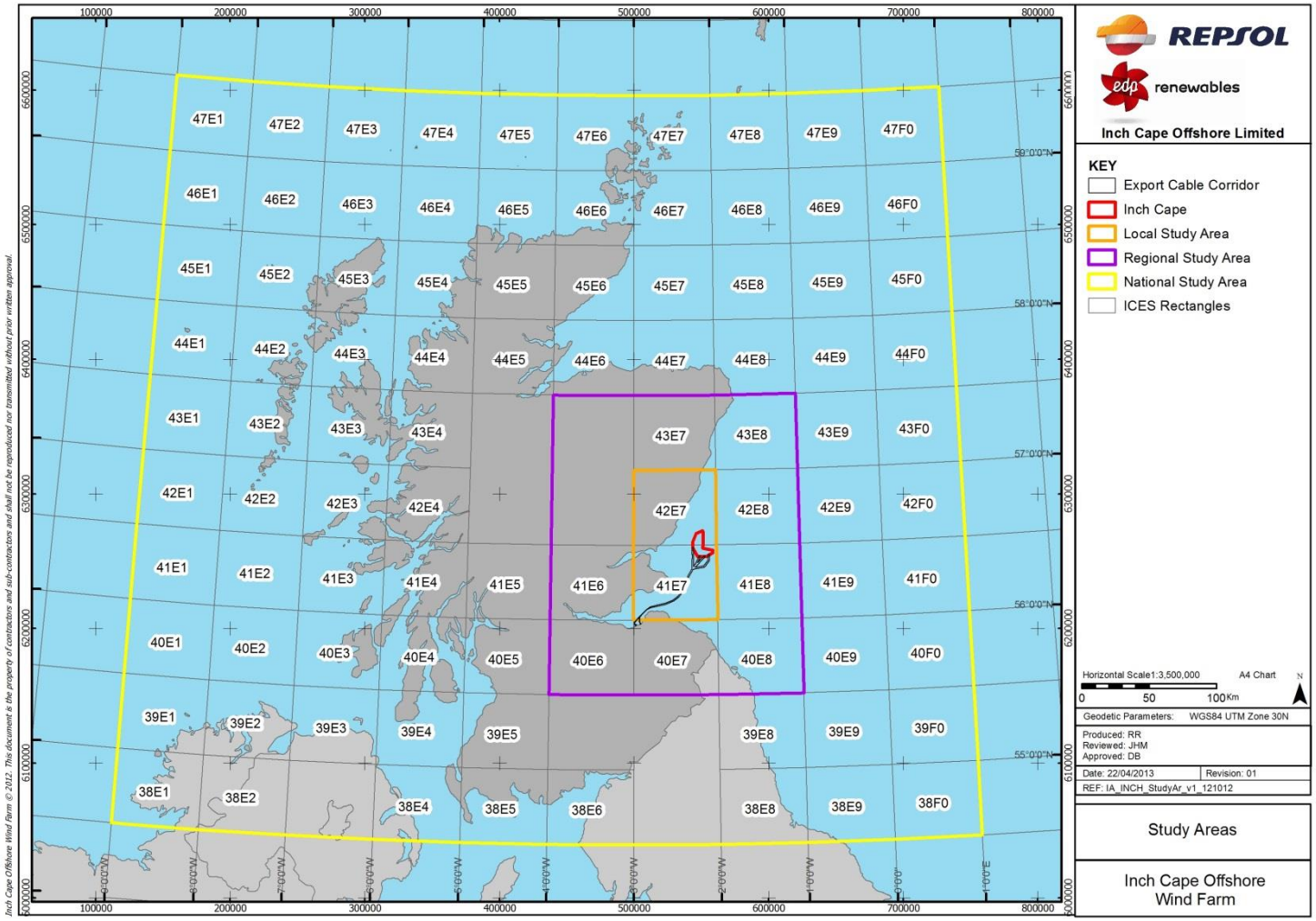


Figure 18.2: Salmon and Sea Trout Fisheries Study Areas

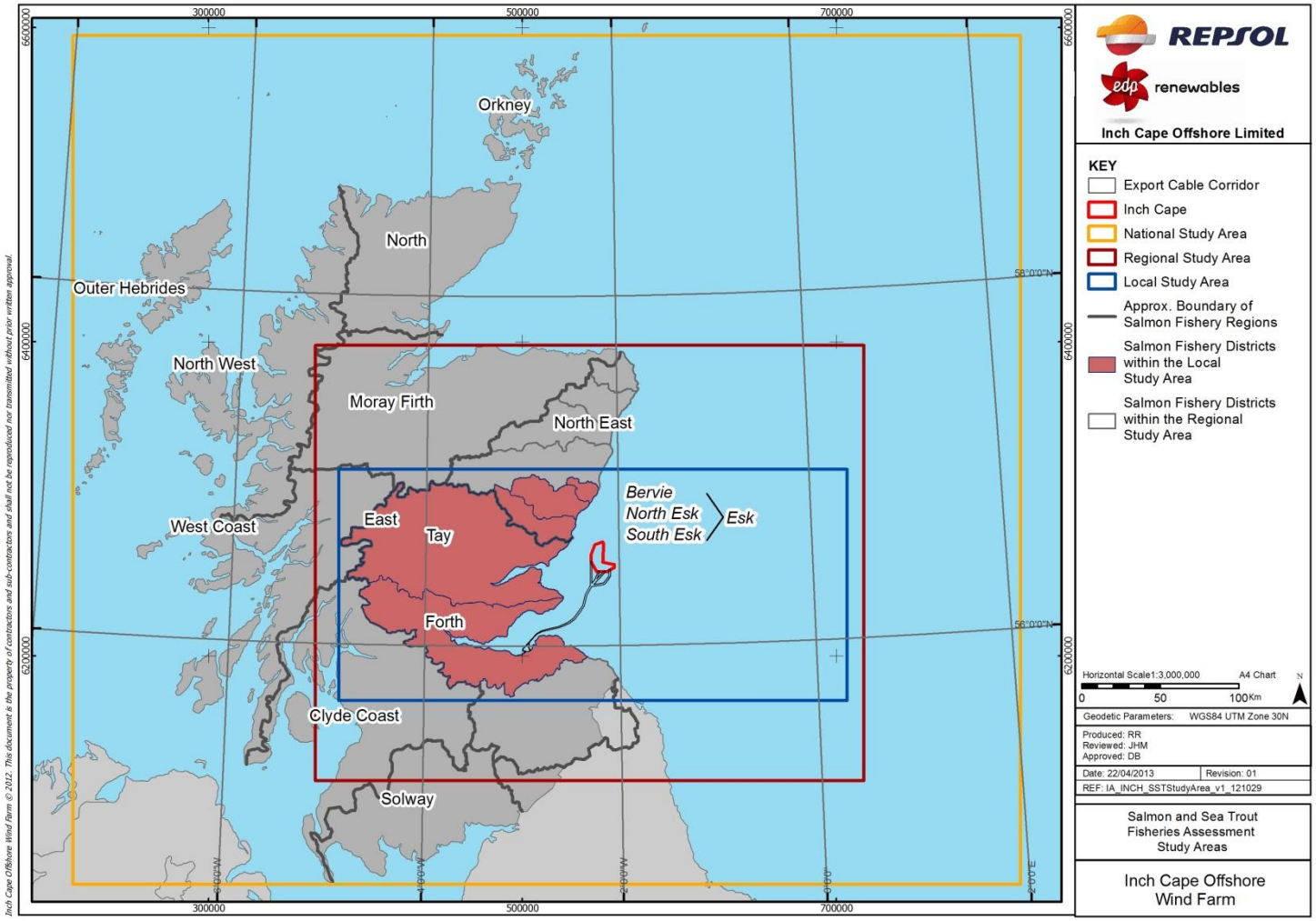


Figure 18.3: Landings Values by Species (Avg. 2001-2010) in the National Study Area (Source: MMO)

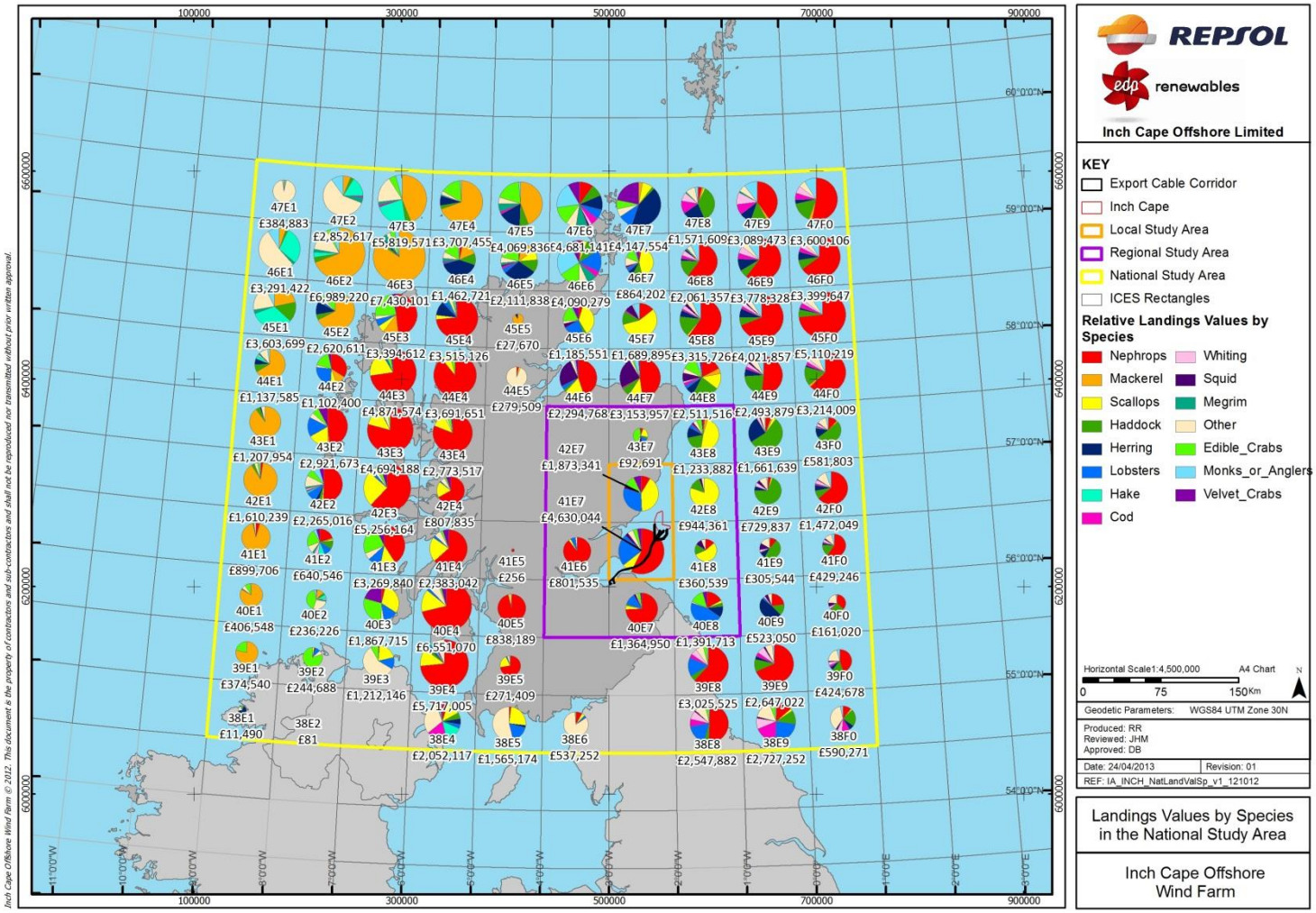


Figure 18.4: Landings Values by Vessel Category (Avg. 2001-2010) in the Regional Study Area (Source: MM0)

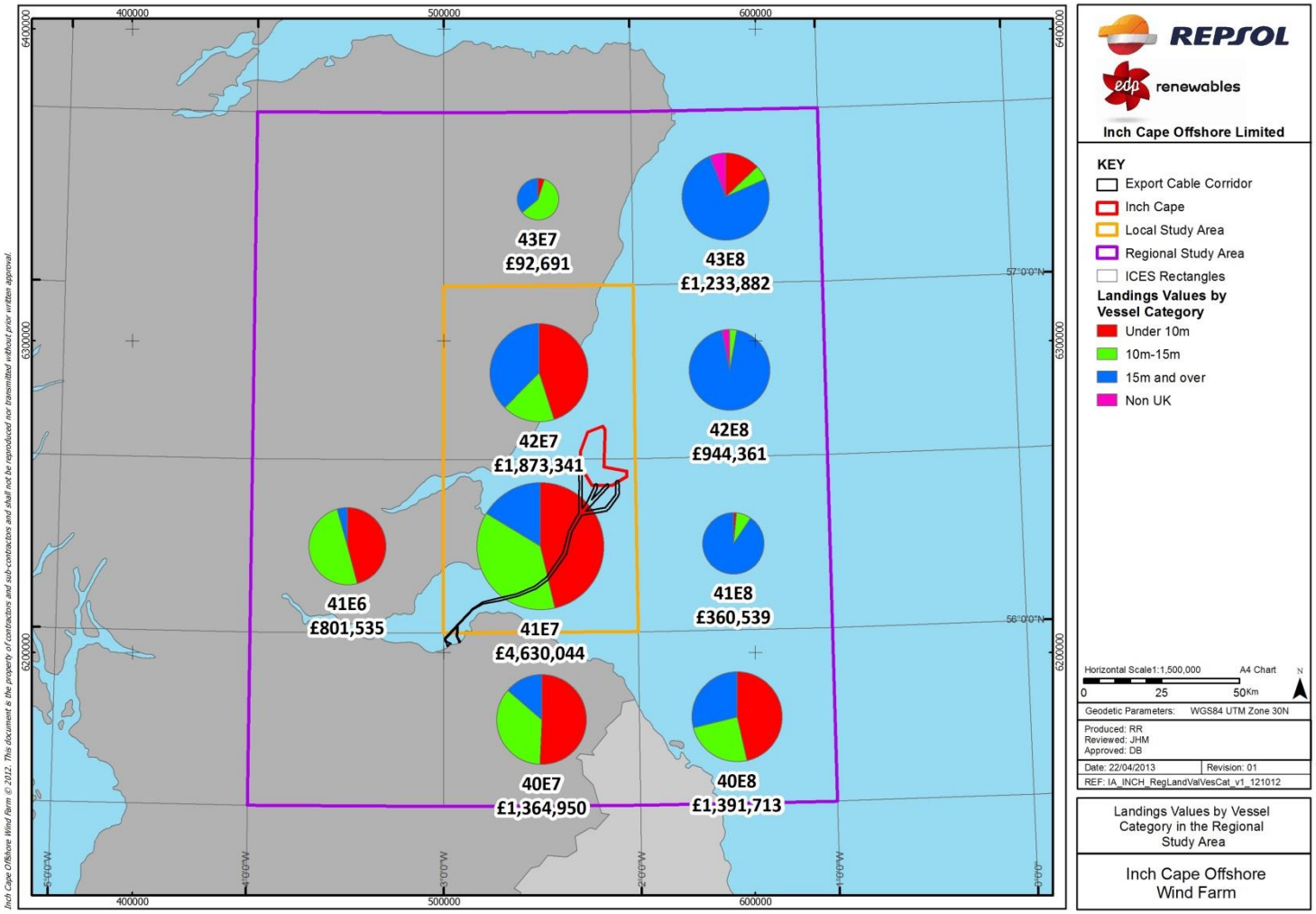


Figure 18.5: Distribution of Scallops by Value (Average 2007 to 2011) in the Regional Study Areas (Source: Marine Scotland, 2012)

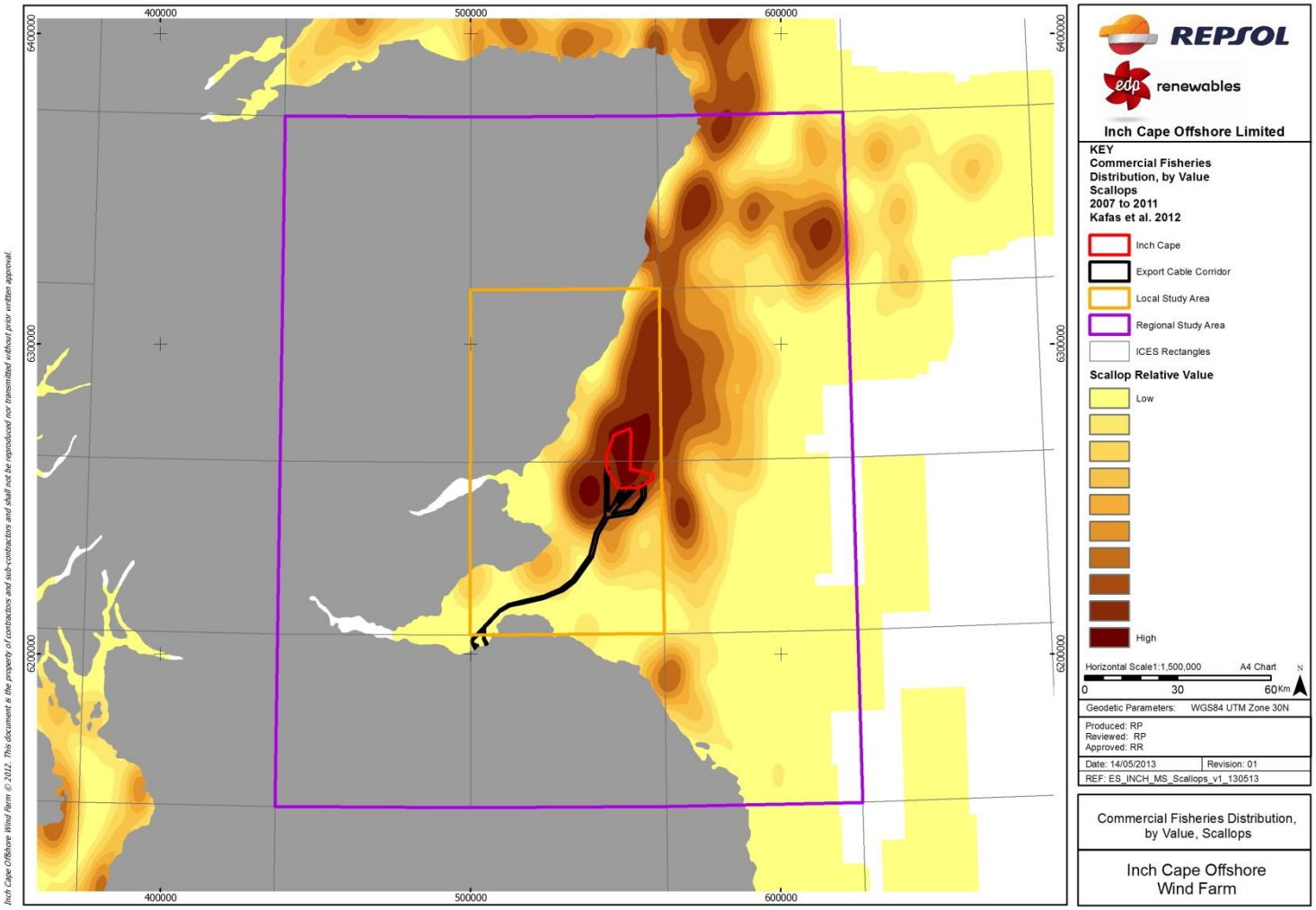


Figure 18.6: Scallop Dredge VMS Position Plot Density (Over-15 m vessels only) 2009

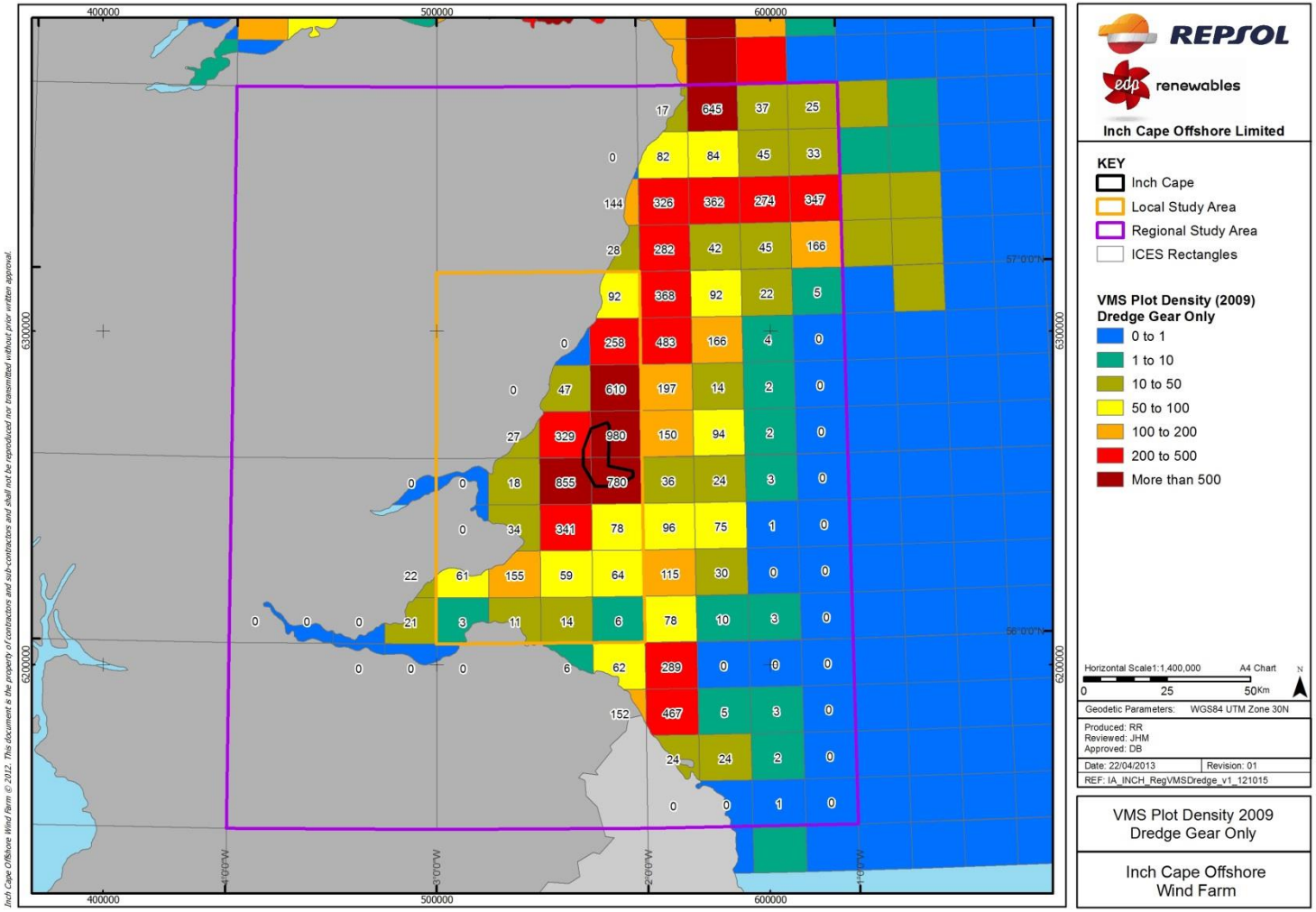


Figure 18.7: Scallop Landings Values (Avg. 2001-2010) in the UK (Source: MMO)

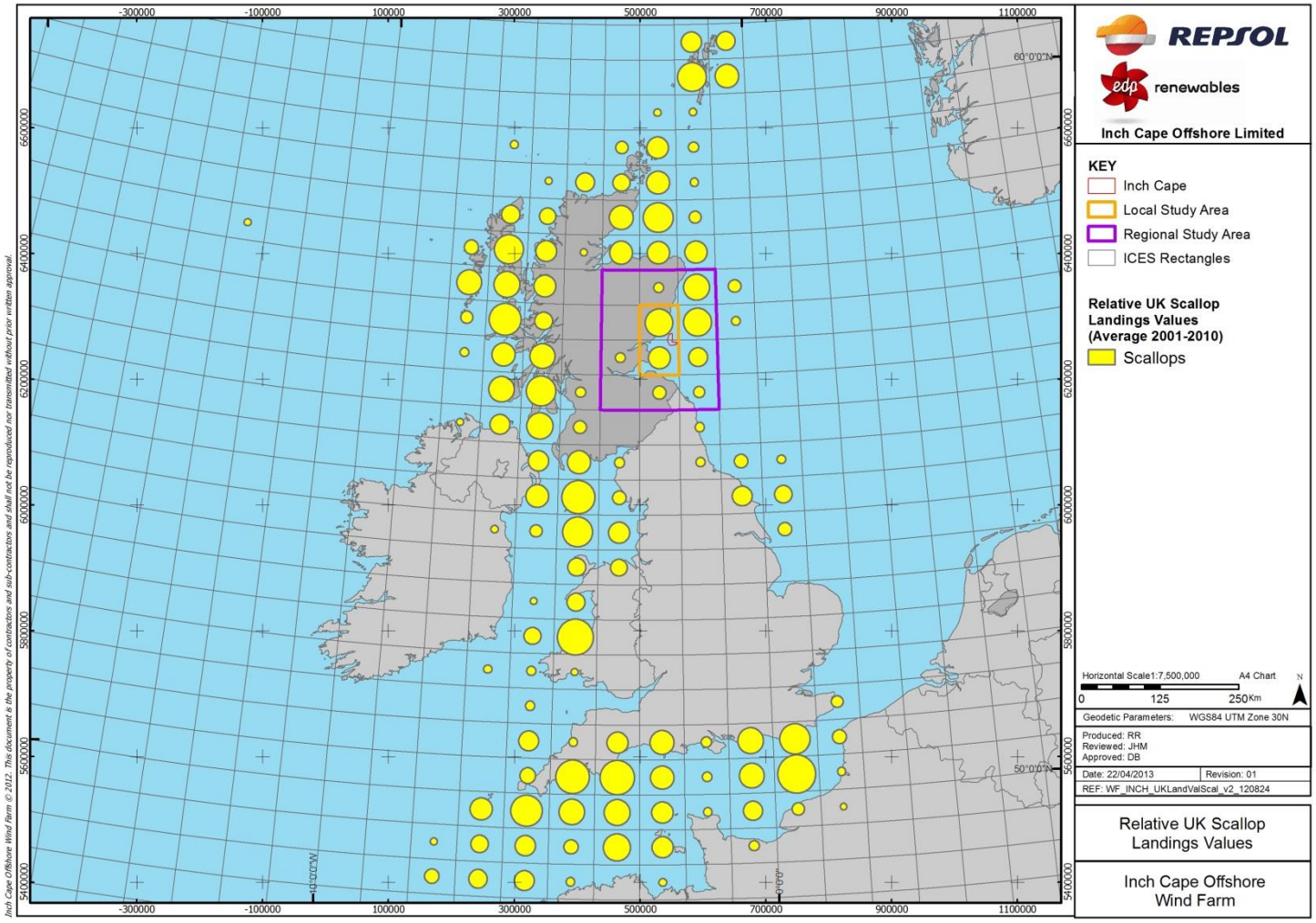


Figure 18.8: Nephrops Landings Values (Avg. 2001-2010) in the National Study Area (Source: MMO)

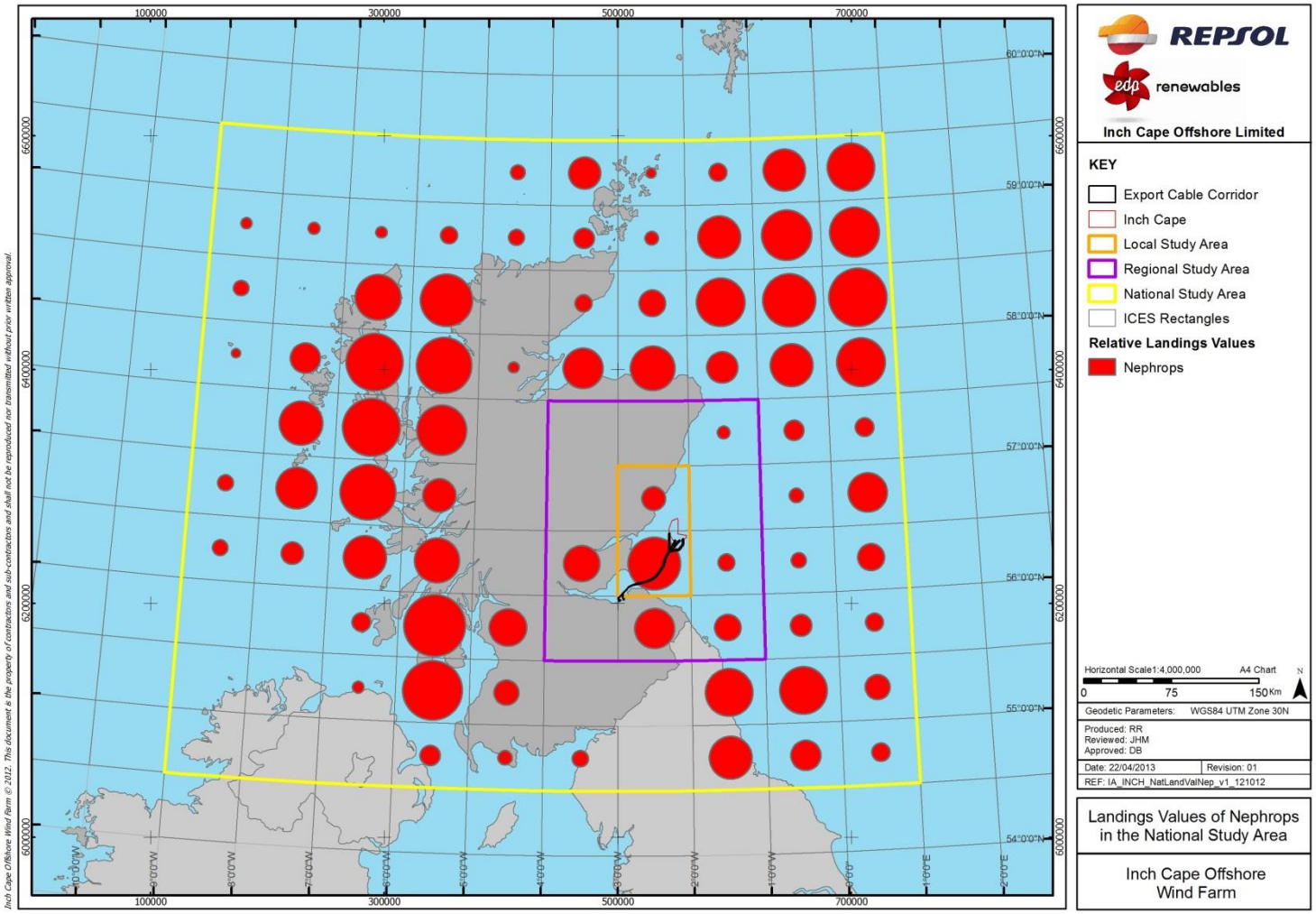


Figure 18.9: Distribution of Nephrops by Value (Average 2007 to 2011) in the Regional Study Areas (Source: Marine Scotland, 2012)

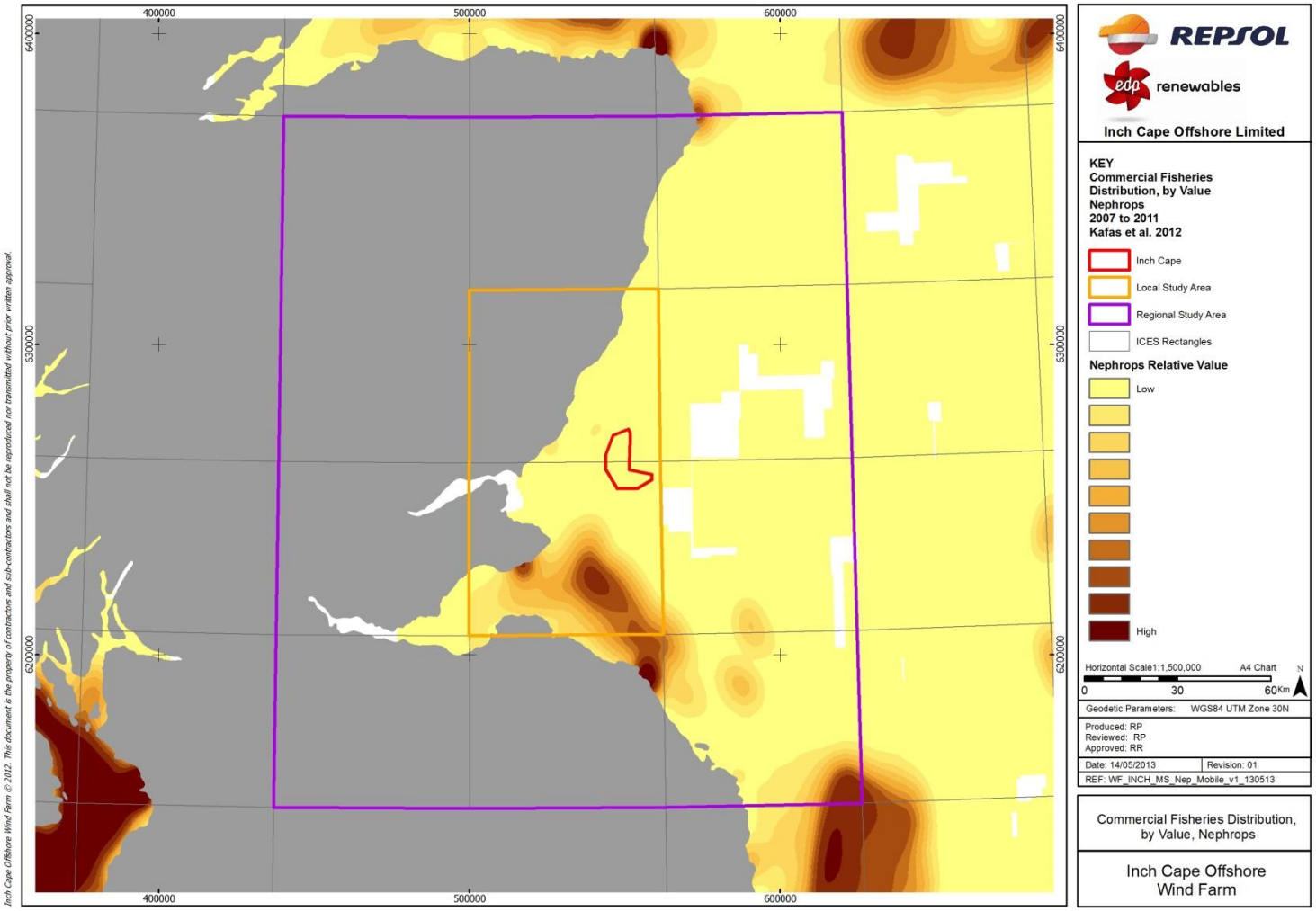


Figure 18.10: Nephrops Fishing Grounds by Vessel in the Regional Study Area

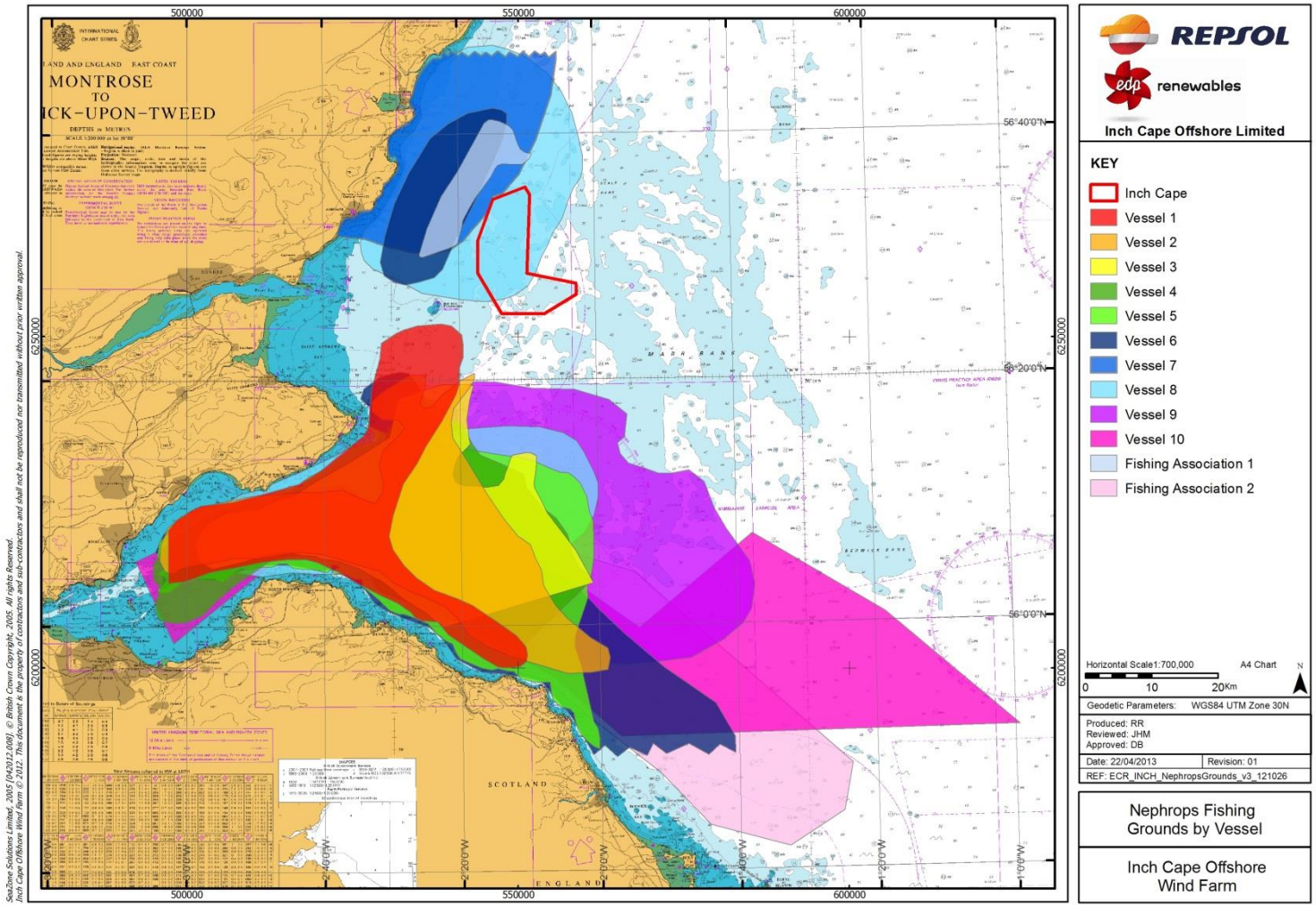


Figure 18.11: Distribution of Squid by Value (Average 2007 to 2011) in the Regional Study Areas (Source: Marine Scotland, 2012)

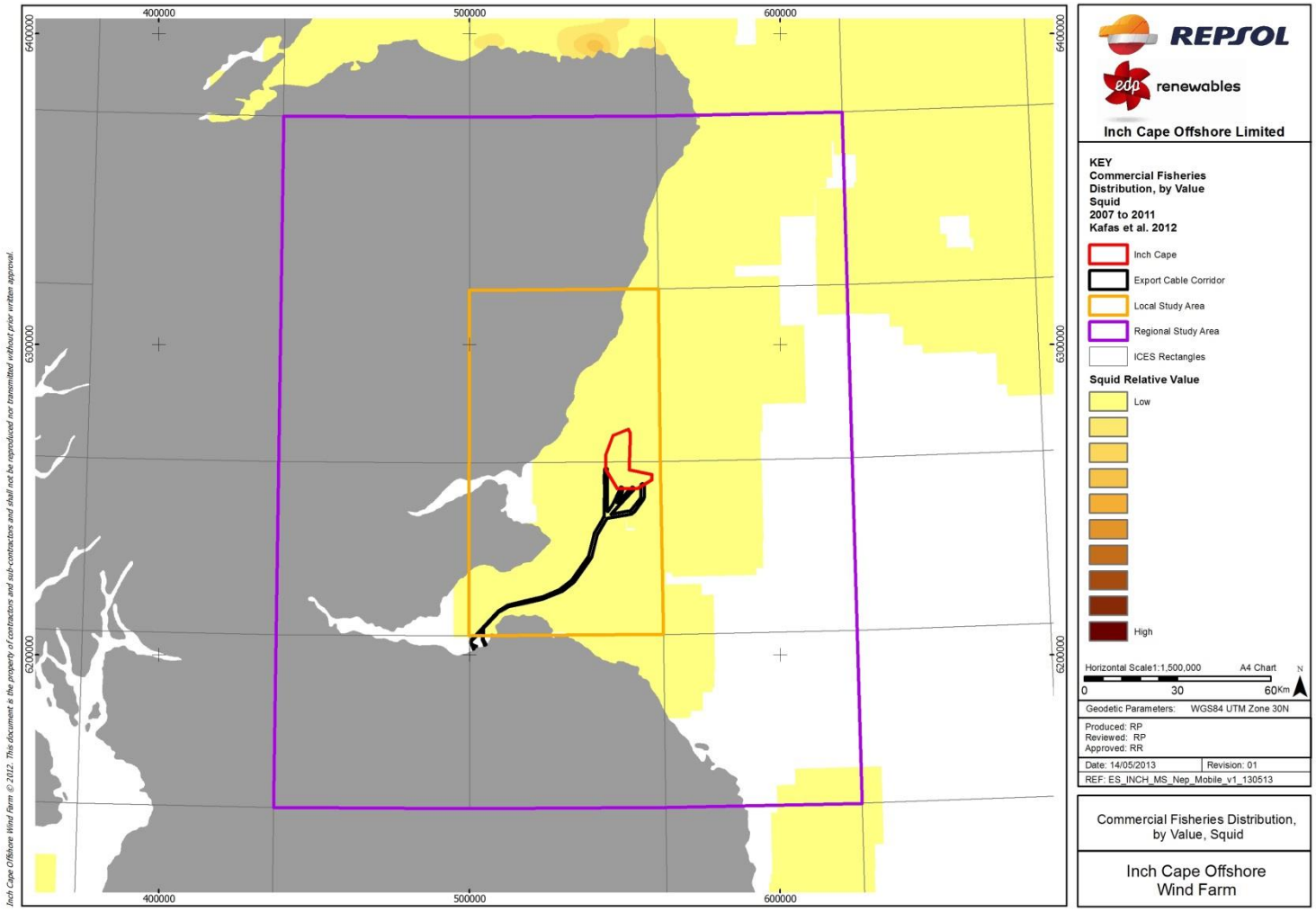


Figure 18.12: Squid Fishing Grounds by Vessel in the Regional Study Area

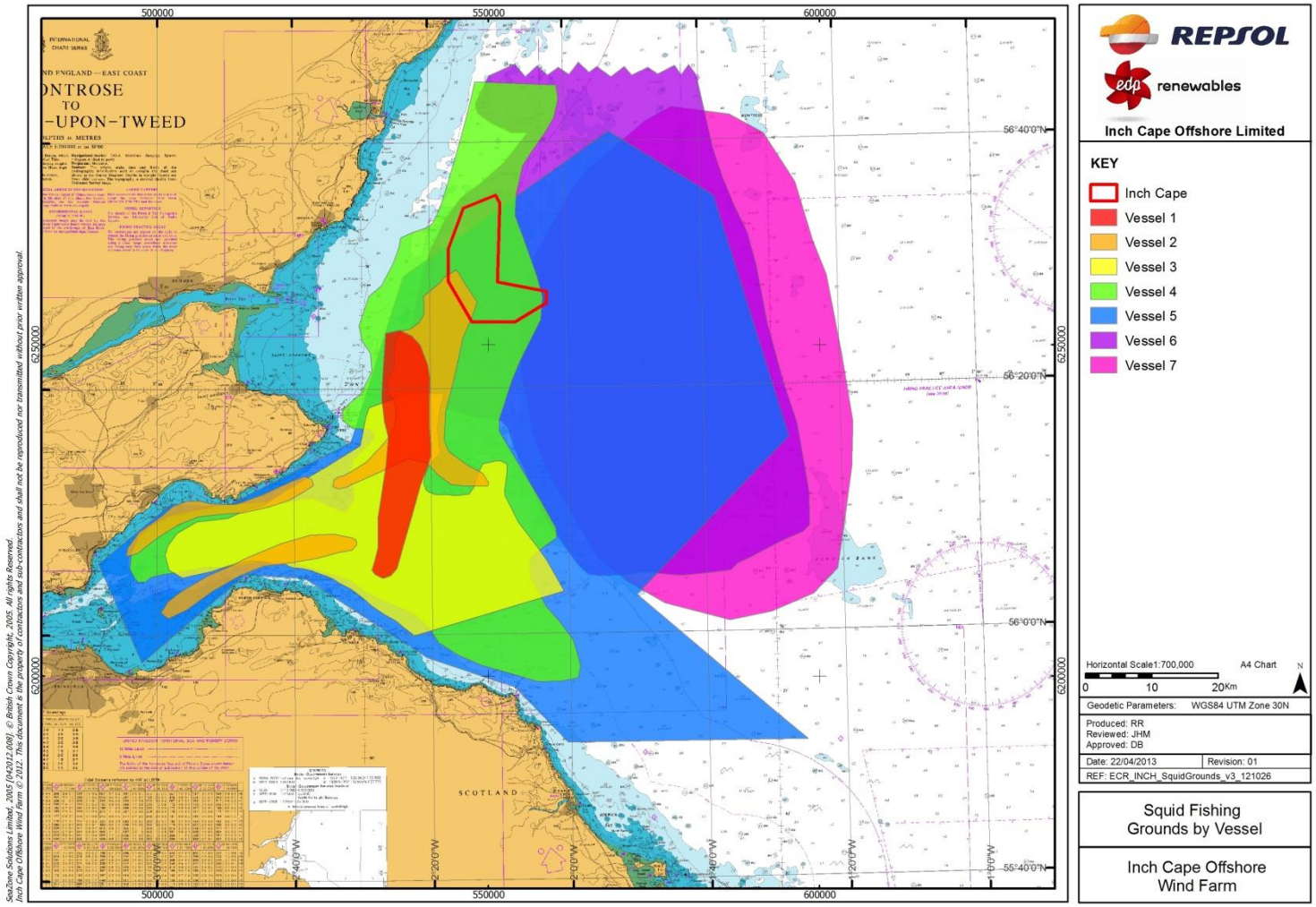


Figure 18.13: Landings Values for Lobster and Crabs (Avg. 2001-2010), in the National Study Area (Source: MMO)

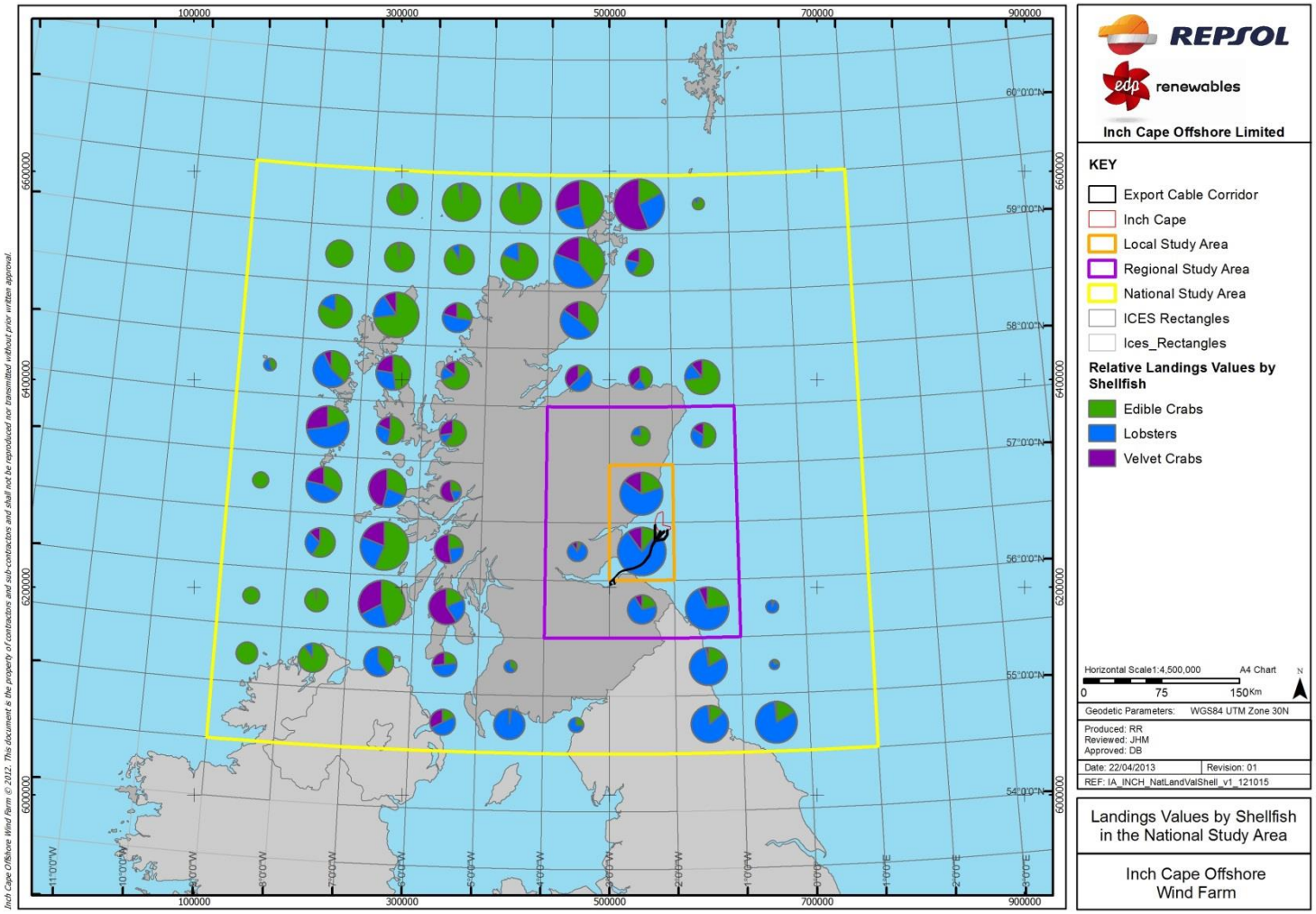


Figure 18.14: Creel Fishing Grounds by Vessel in the Regional Study Area

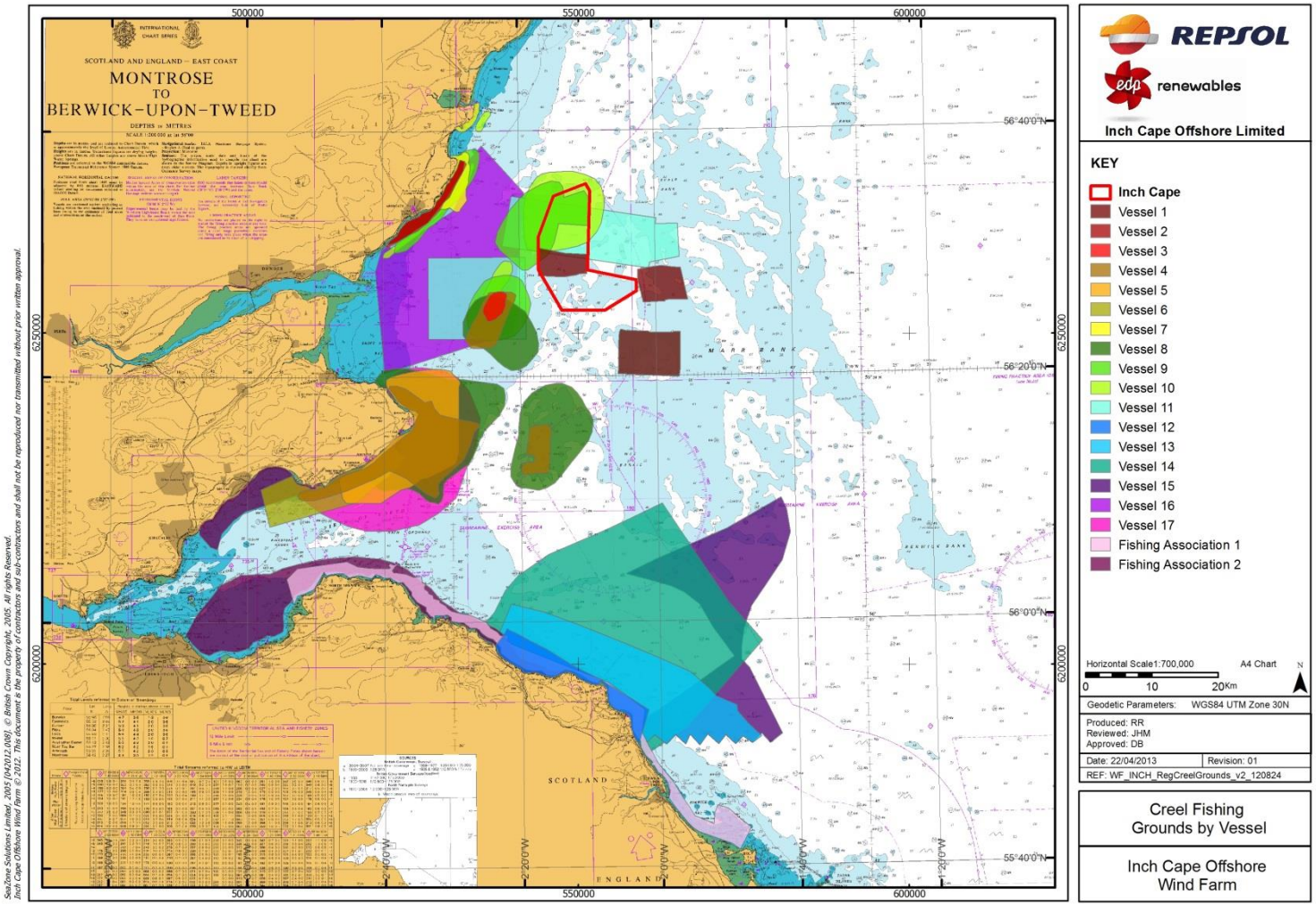


Figure 18.15: Annual Reported Catch (No. of Individuals) by Method and Region (average 2001 to 2010) (Source: MSS)

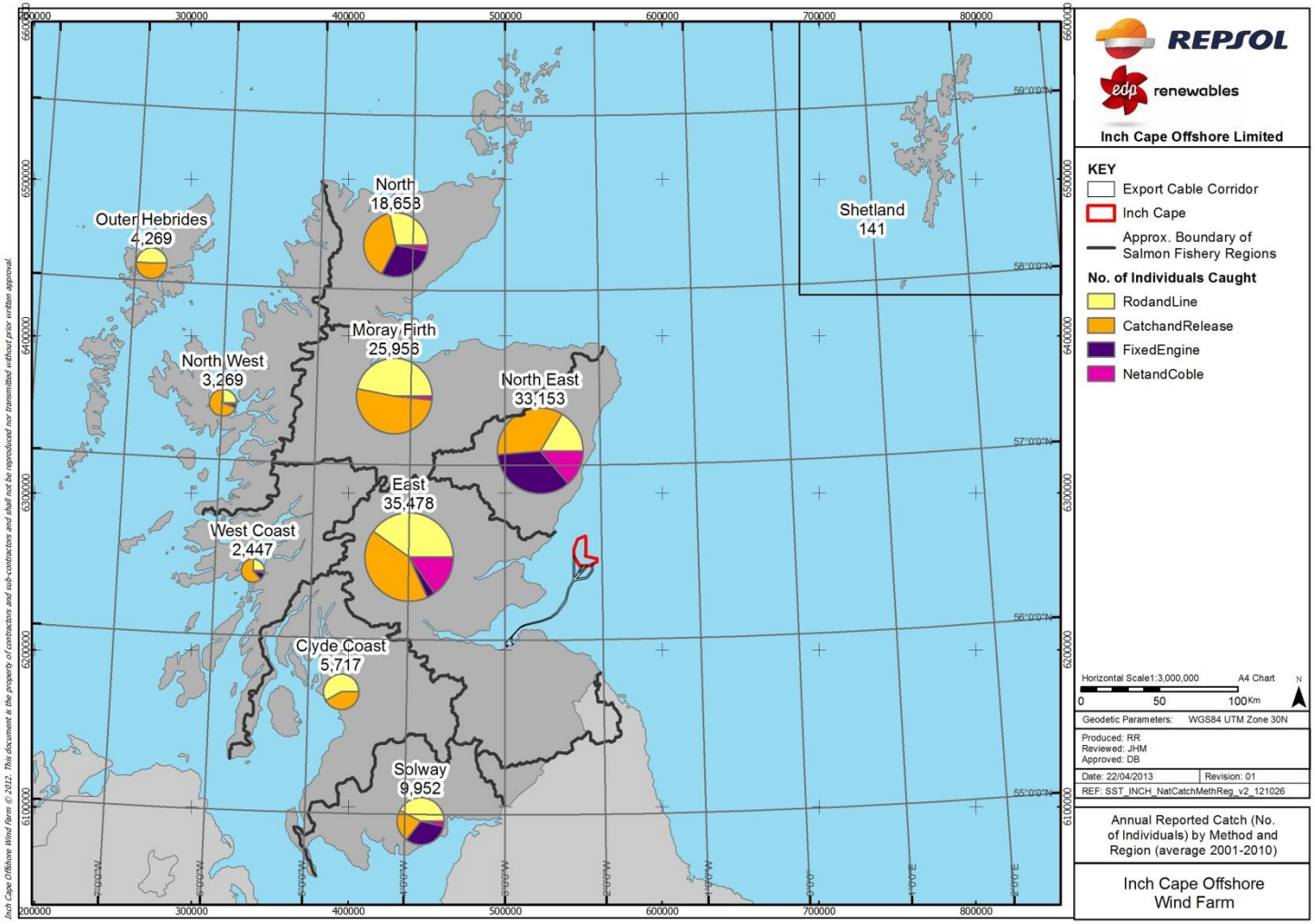


Figure 18.17: Annual Catch (No. of Individuals) by Species in Salmon Fishery Districts within the Regional Study Area (average 2001 to 2010) (Source: MSS)

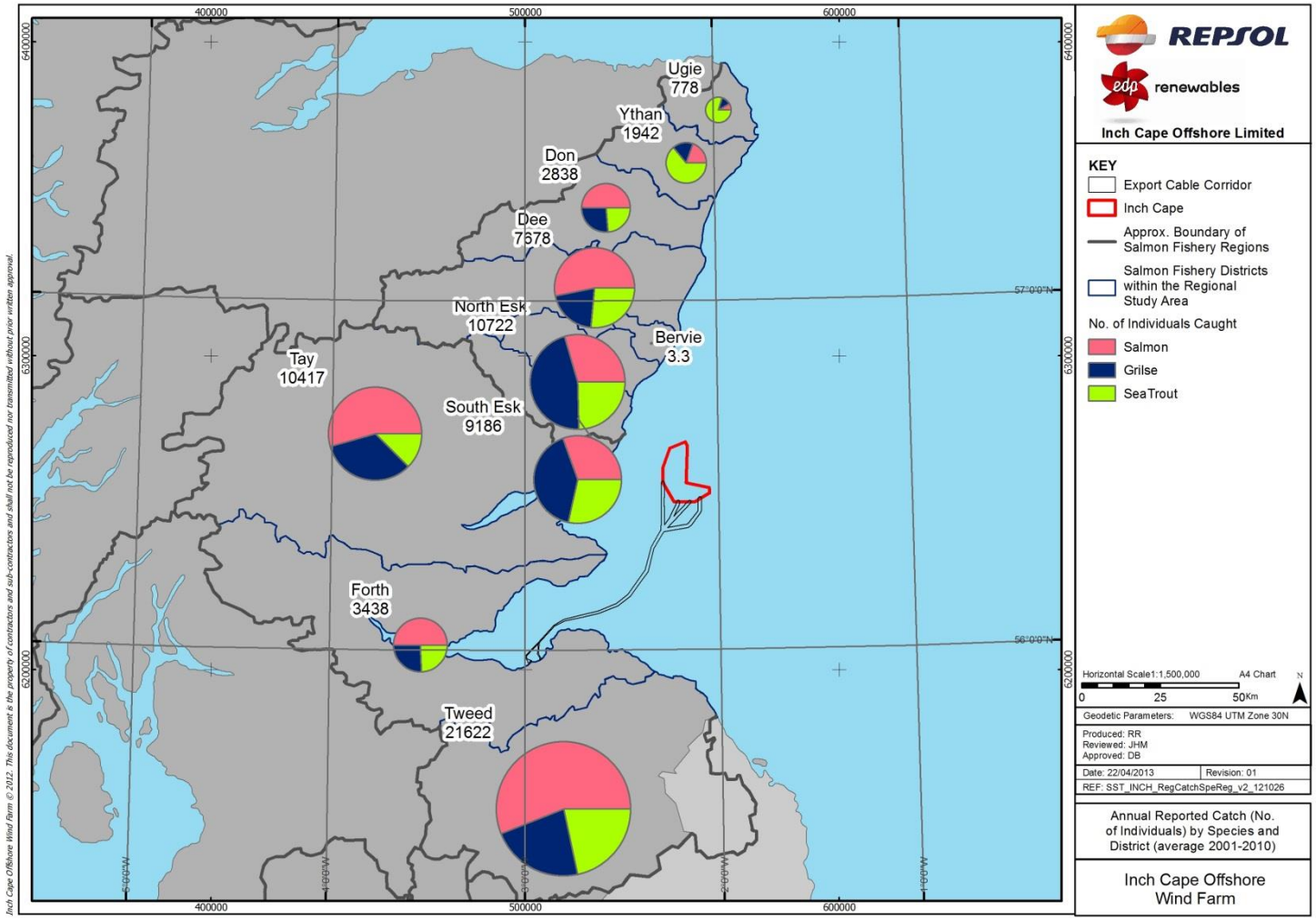


Figure 18.18: Annual Reported Catch (No. of Individuals) by Method in Salmon Fishery Districts within the Regional Study Area (average 2001 to 2010) (Source: MSS)

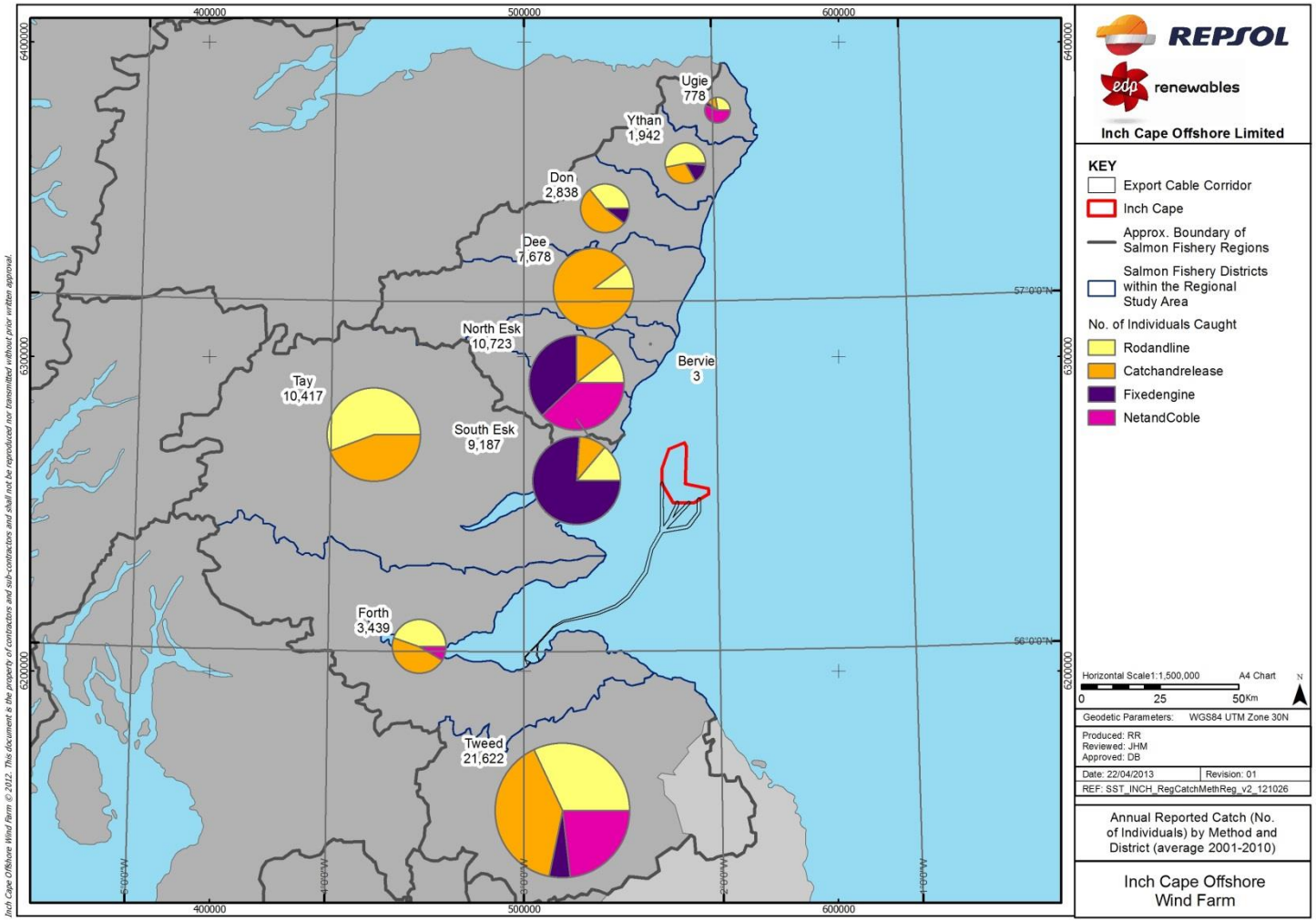


Figure 18.25: Annual (average 2001 to 2010) Net Fisheries Catch by Region and Distribution Fisheries in Scotland (2009) (Source: MSS)

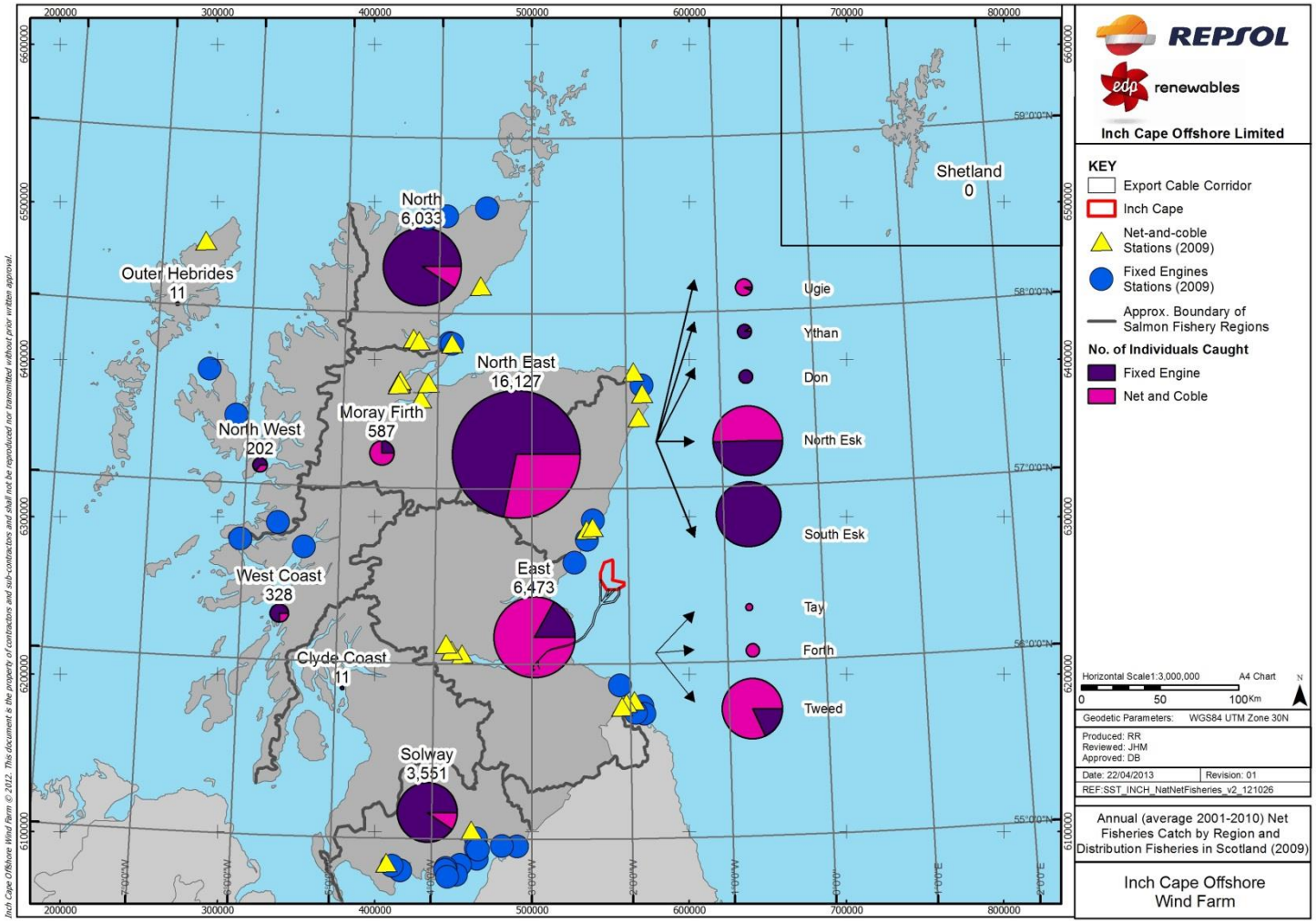


Figure 19.1: Worst Case WTG and Structure Layout

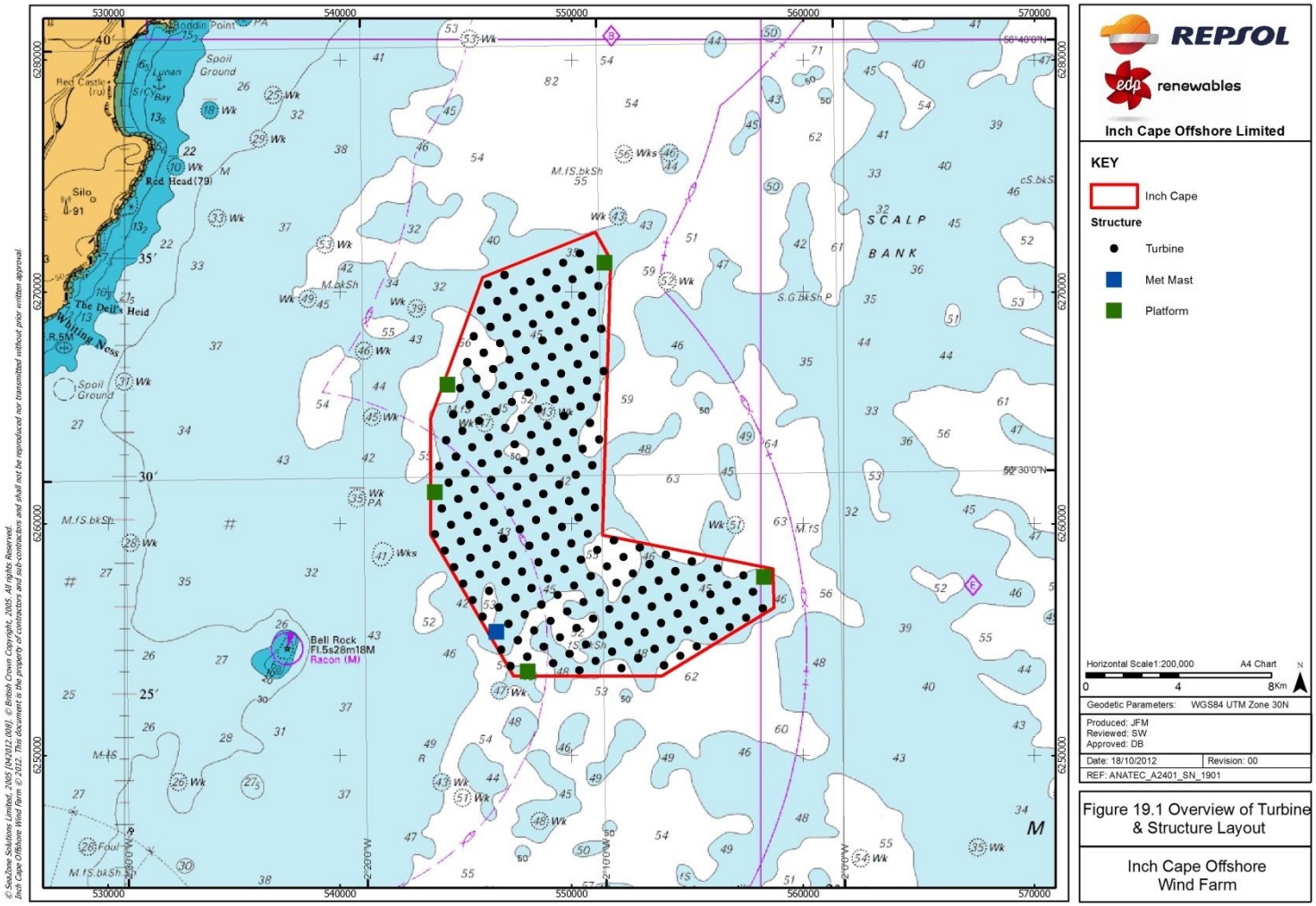


Figure 19.2: Survey Vessel Tracks (28 Days)

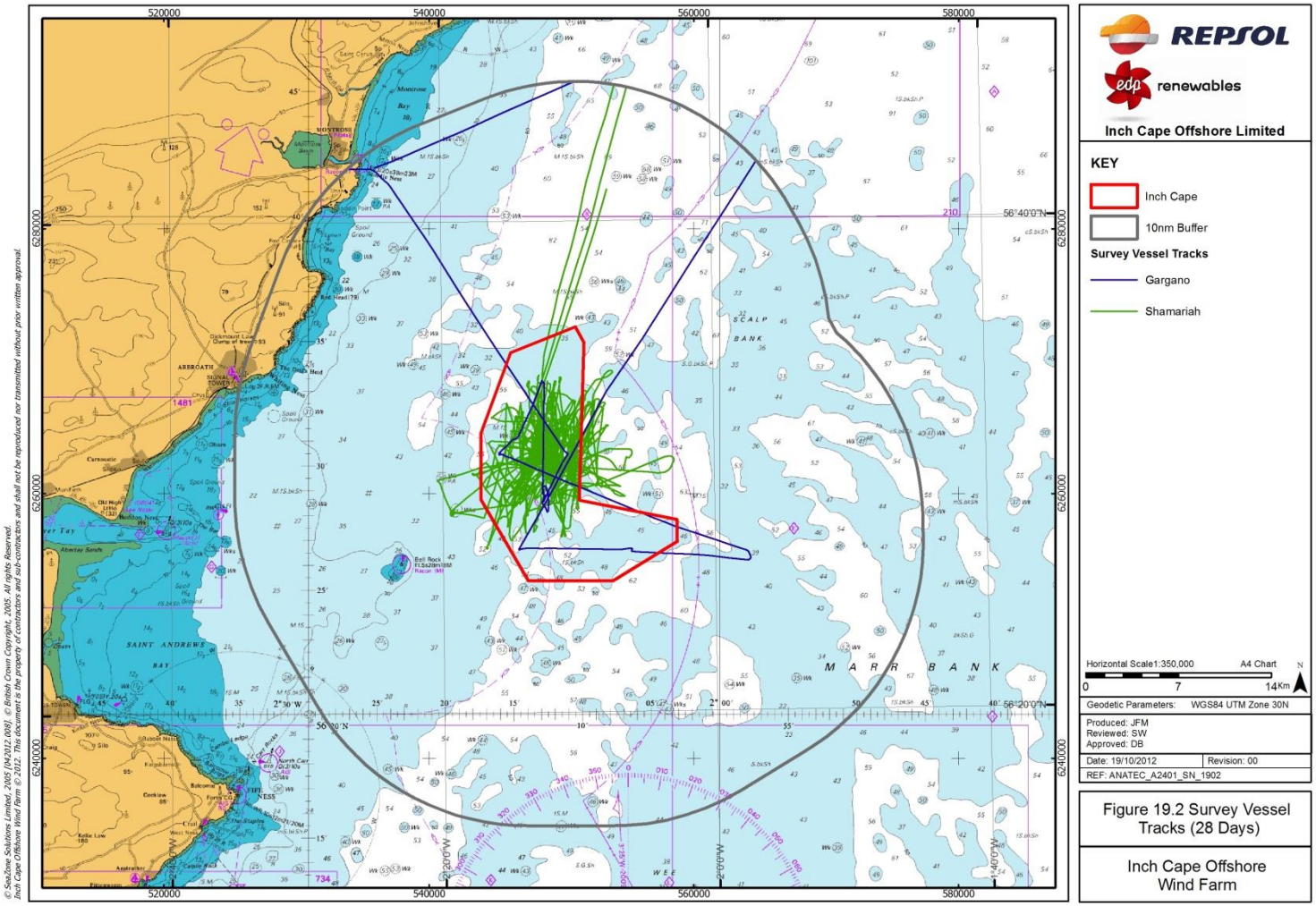


Figure 19.3: Navigational Features in Proximity to Development Area

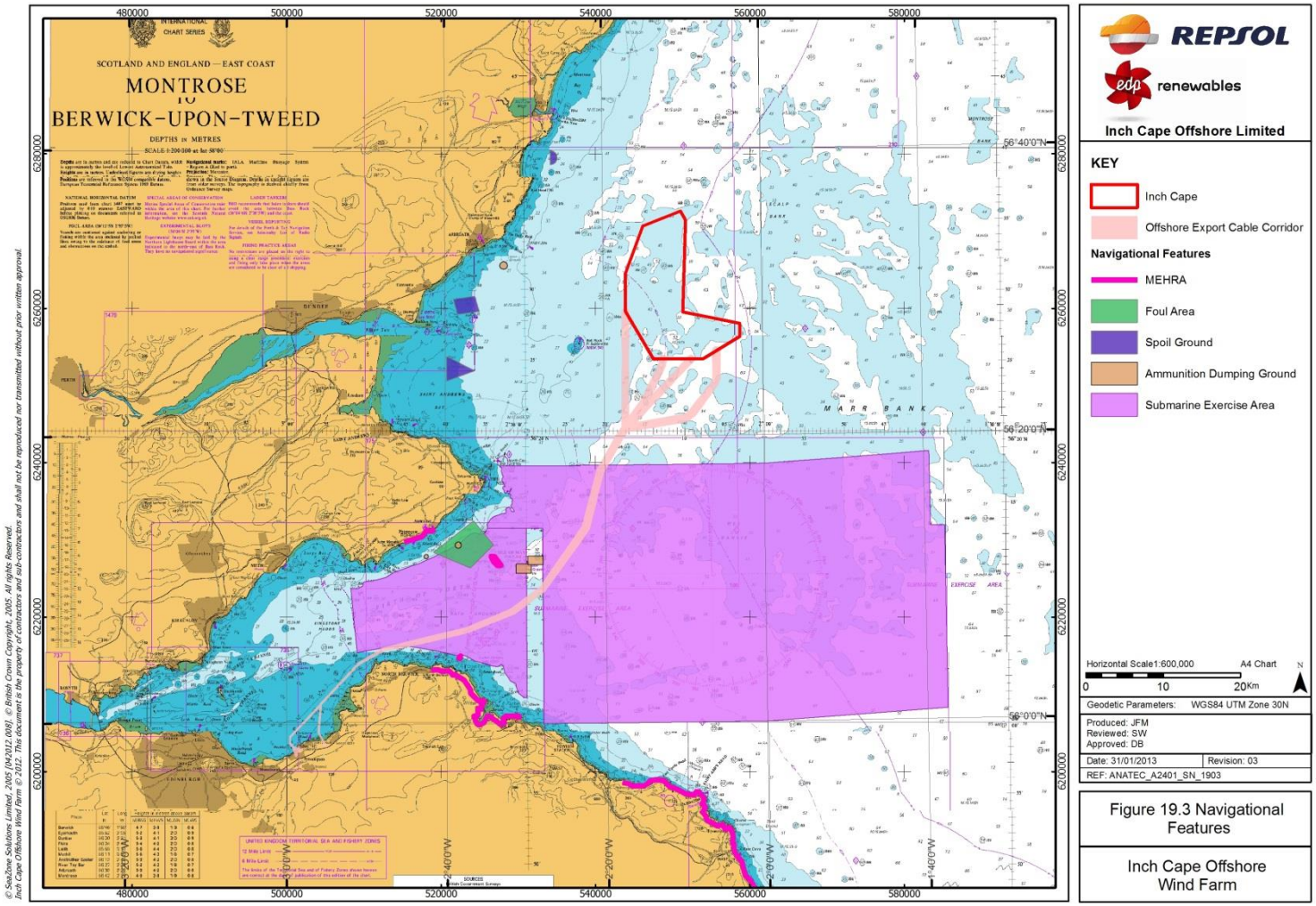


Figure 19.4: AIS Data Excluding Temporary Traffic (28 Days Survey Period)

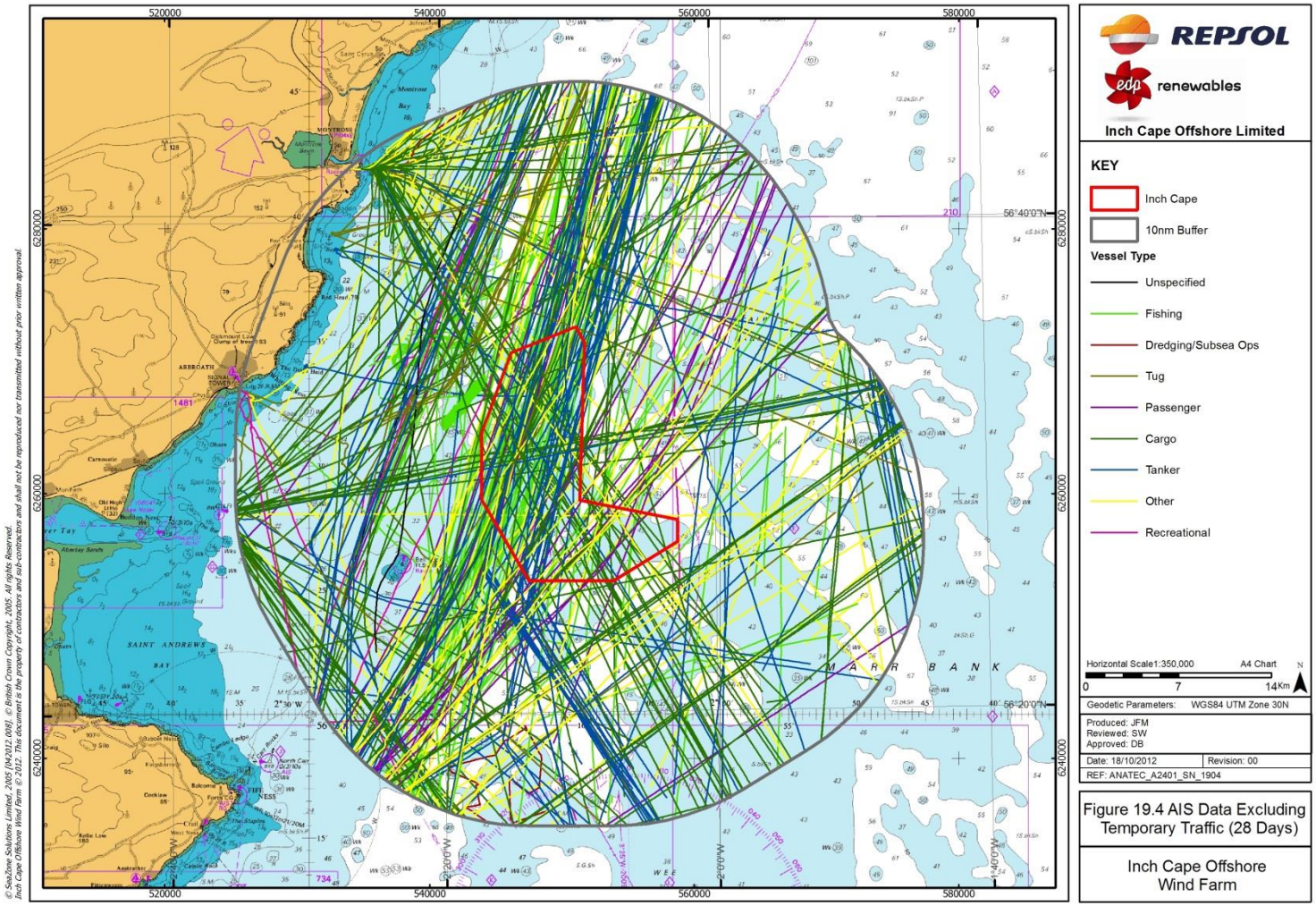


Figure 19.5: Inch Cape Main Commercial Shipping Routes

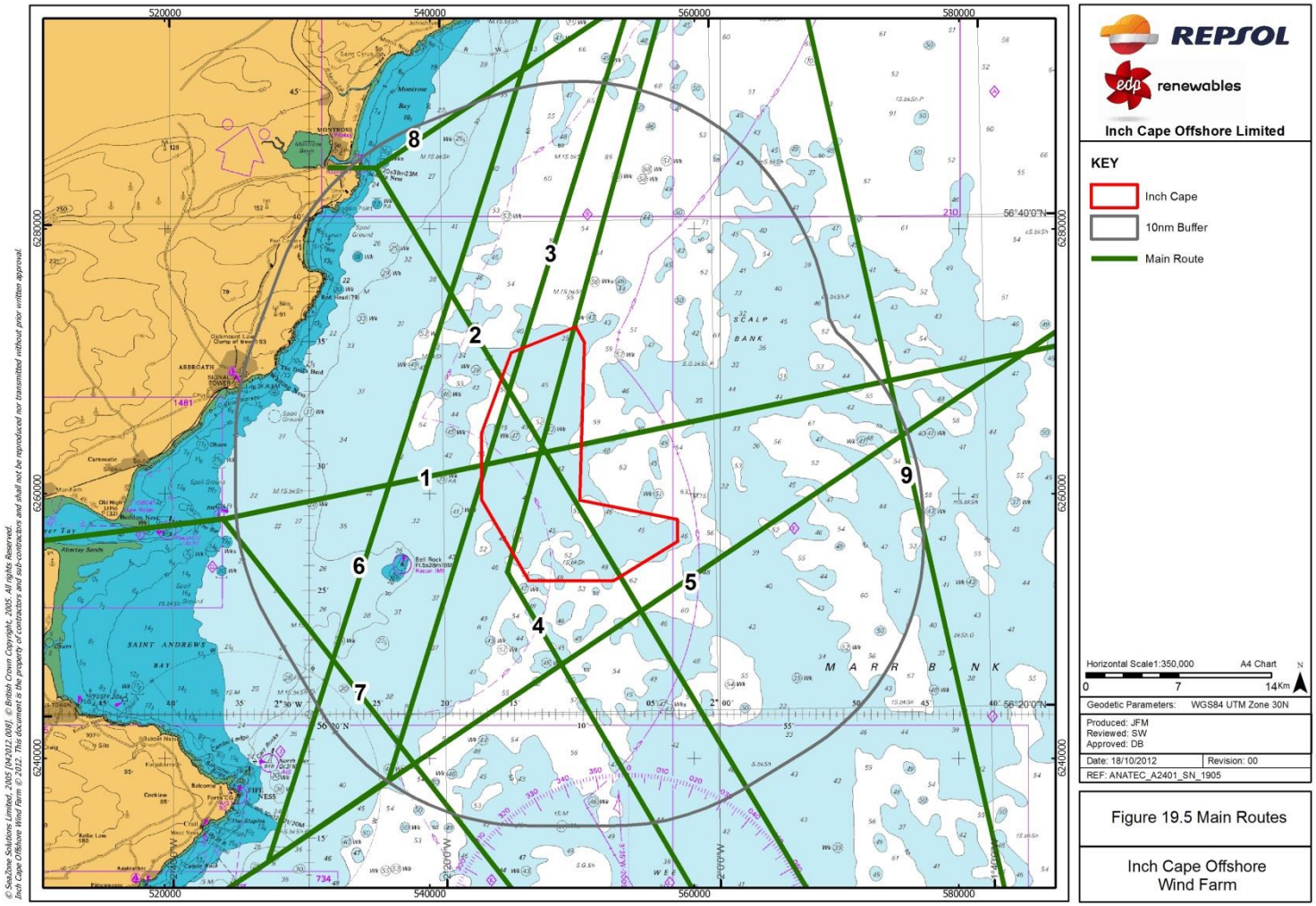


Figure 19.6: Radar Data (28 Days Survey Period)

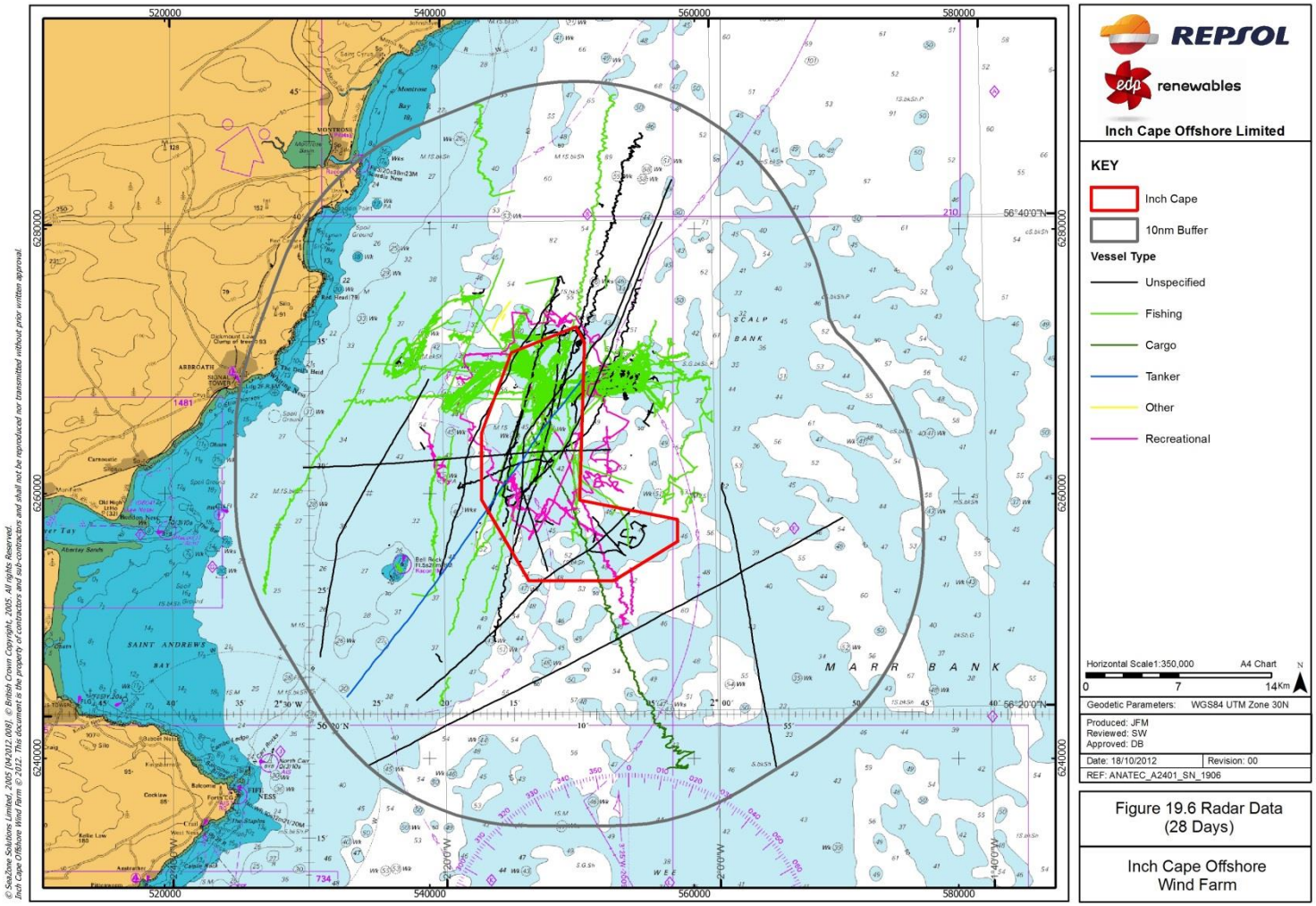


Figure 19.7: Fishing Vessels Recorded on AIS and Radar (28 Days Survey Period)

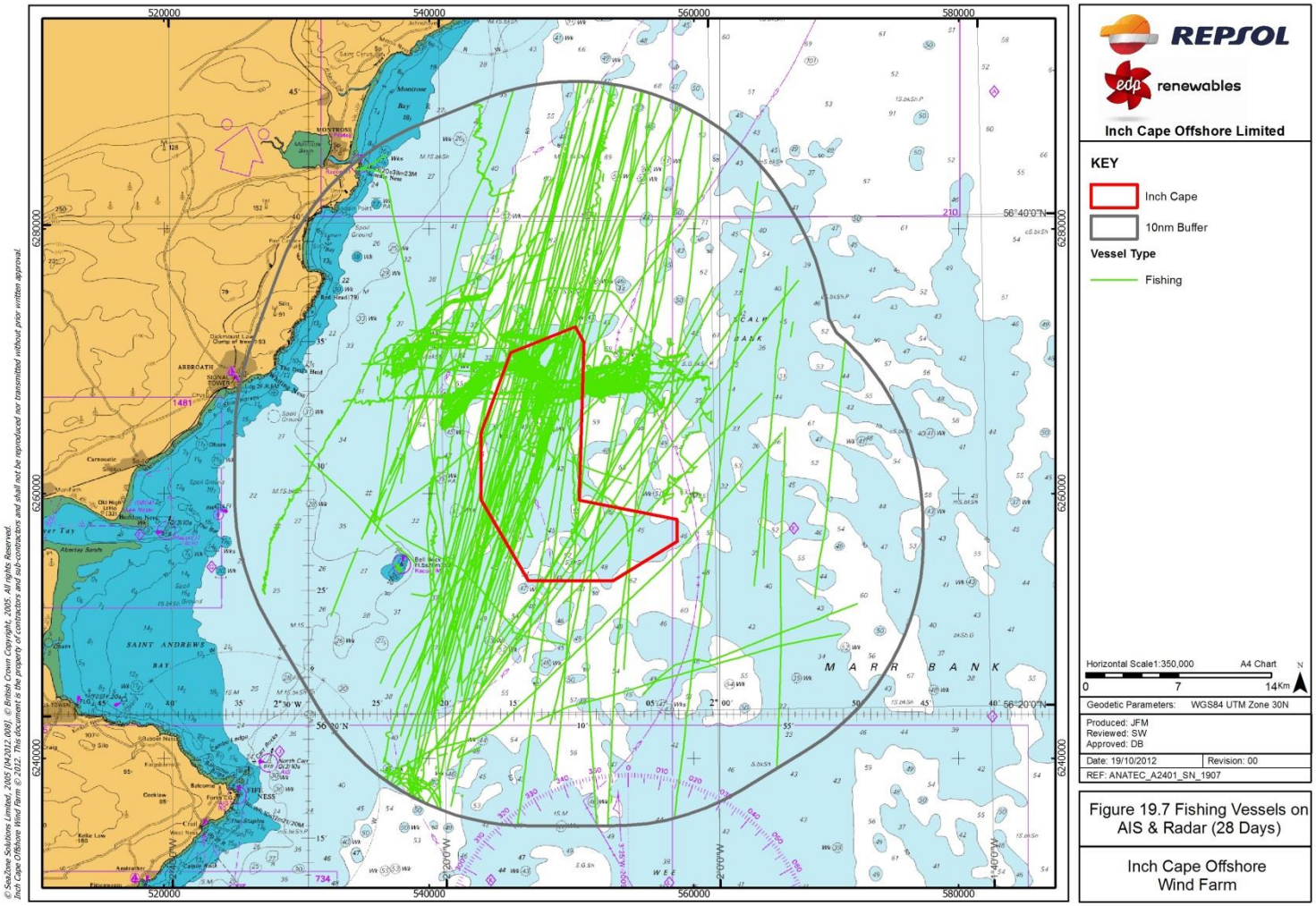


Figure 19.8: Recreational Vessels Recorded on AIS and Radar (28 Days Survey Period)

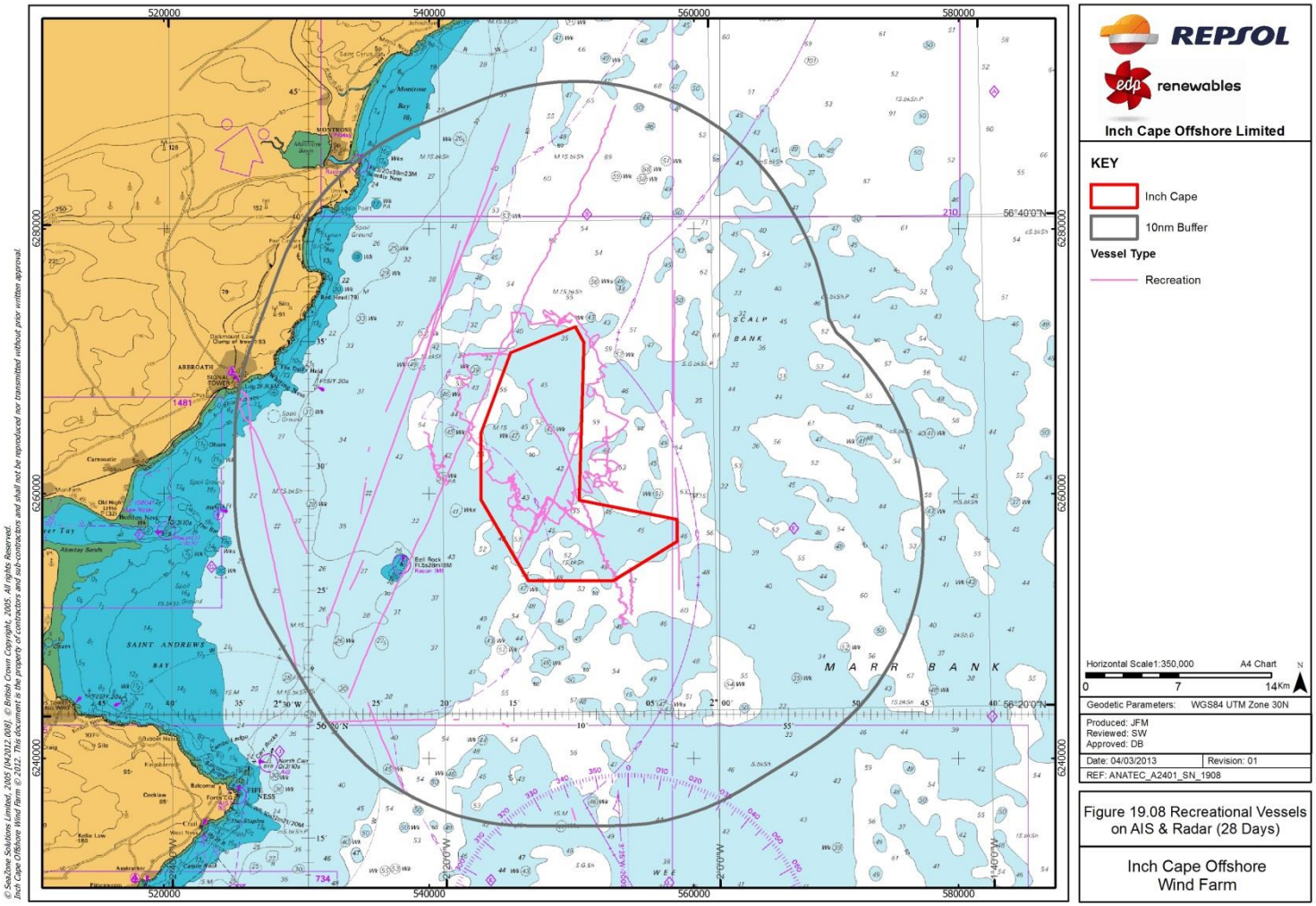


Figure 19.9: Anchorage Areas Relative to the Offshore Export Cable Corridor

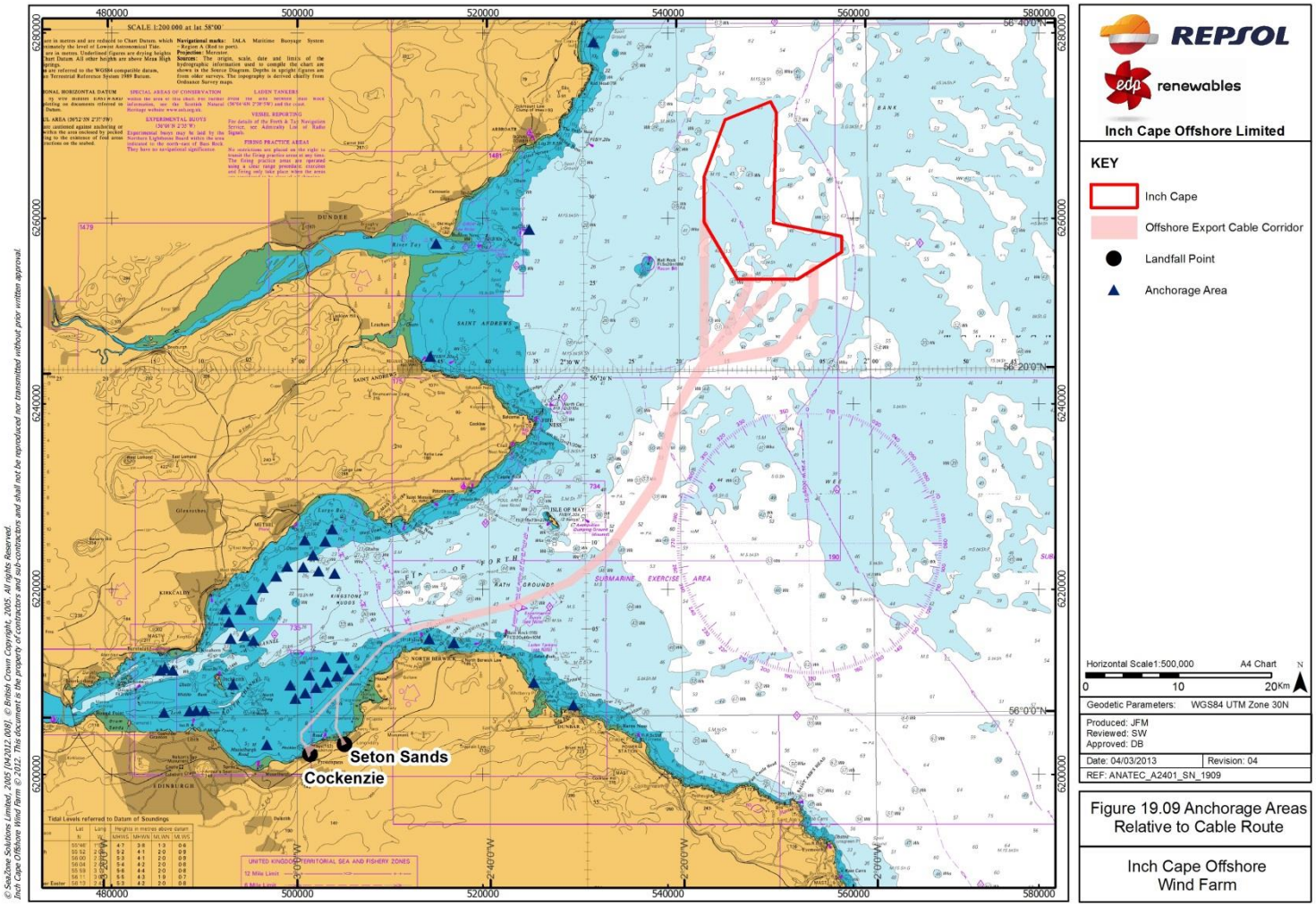


Figure 19.10: AIS Data Excluding Temporary Traffic (28 Days Period January/February 2011)

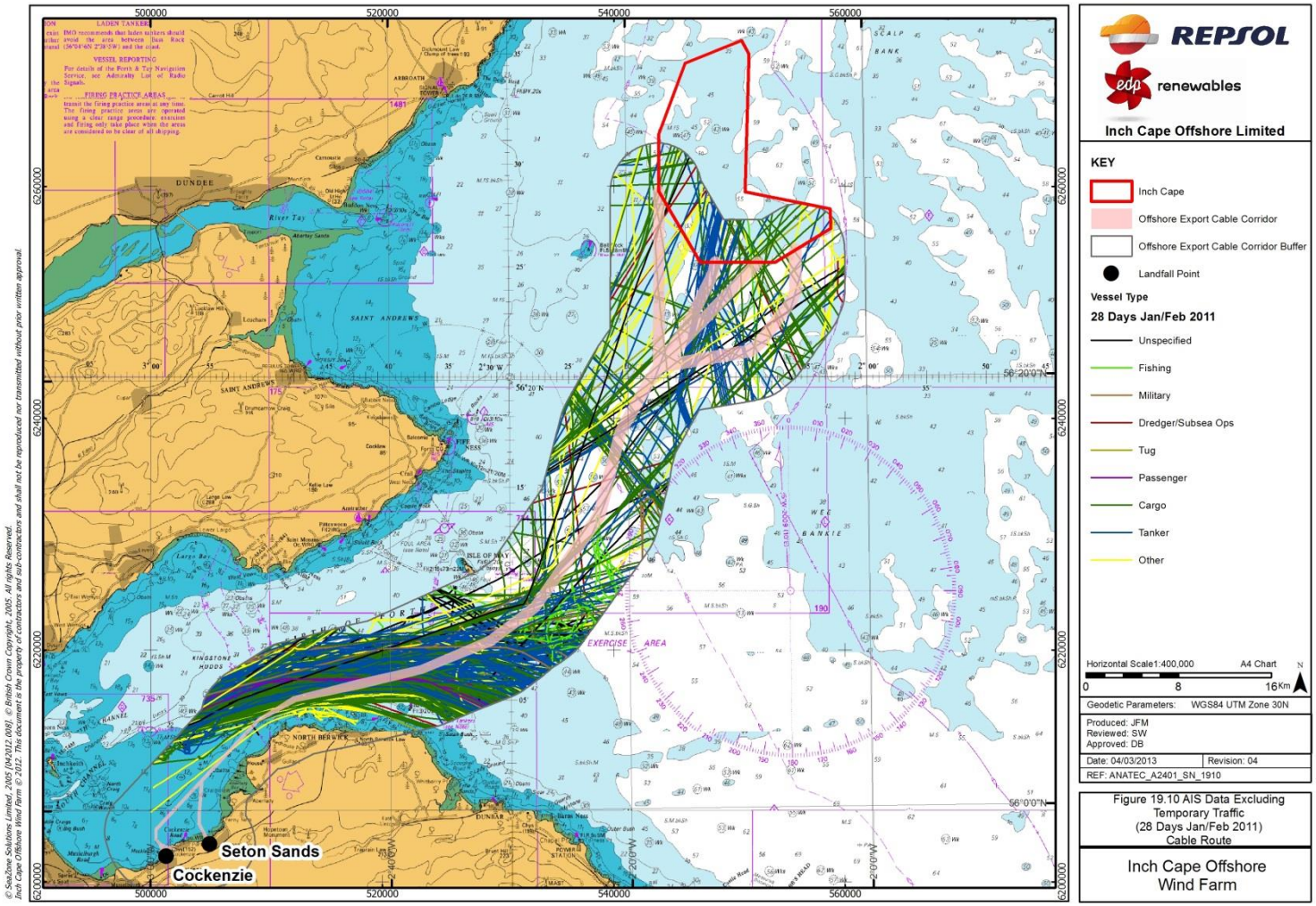


Figure 19.11: AIS Data Excluding Temporary Traffic (28 Days Survey Period May 2012)

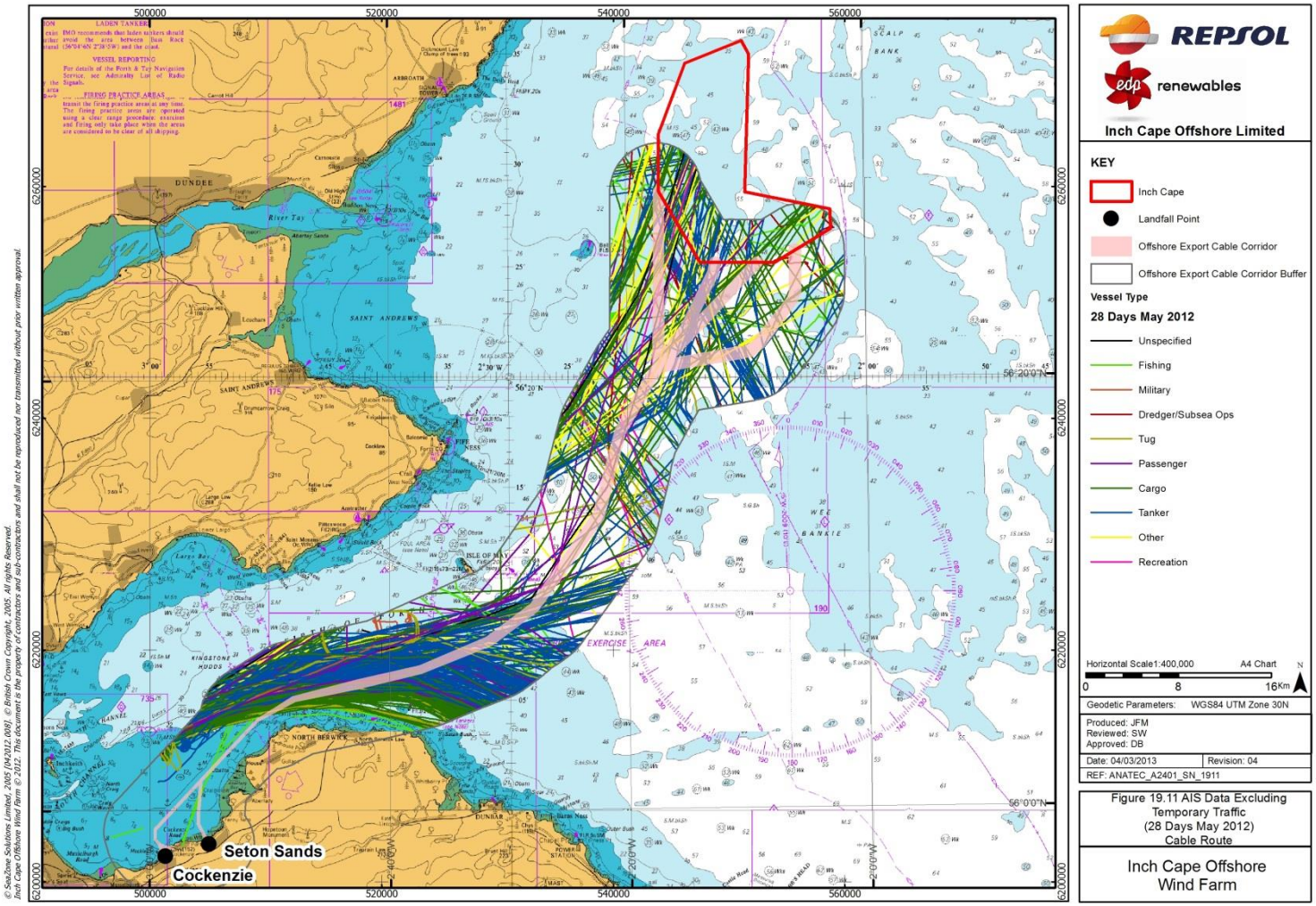


Figure 19.12: Fishing Vessels (28 Days Survey Period January/February 2011)

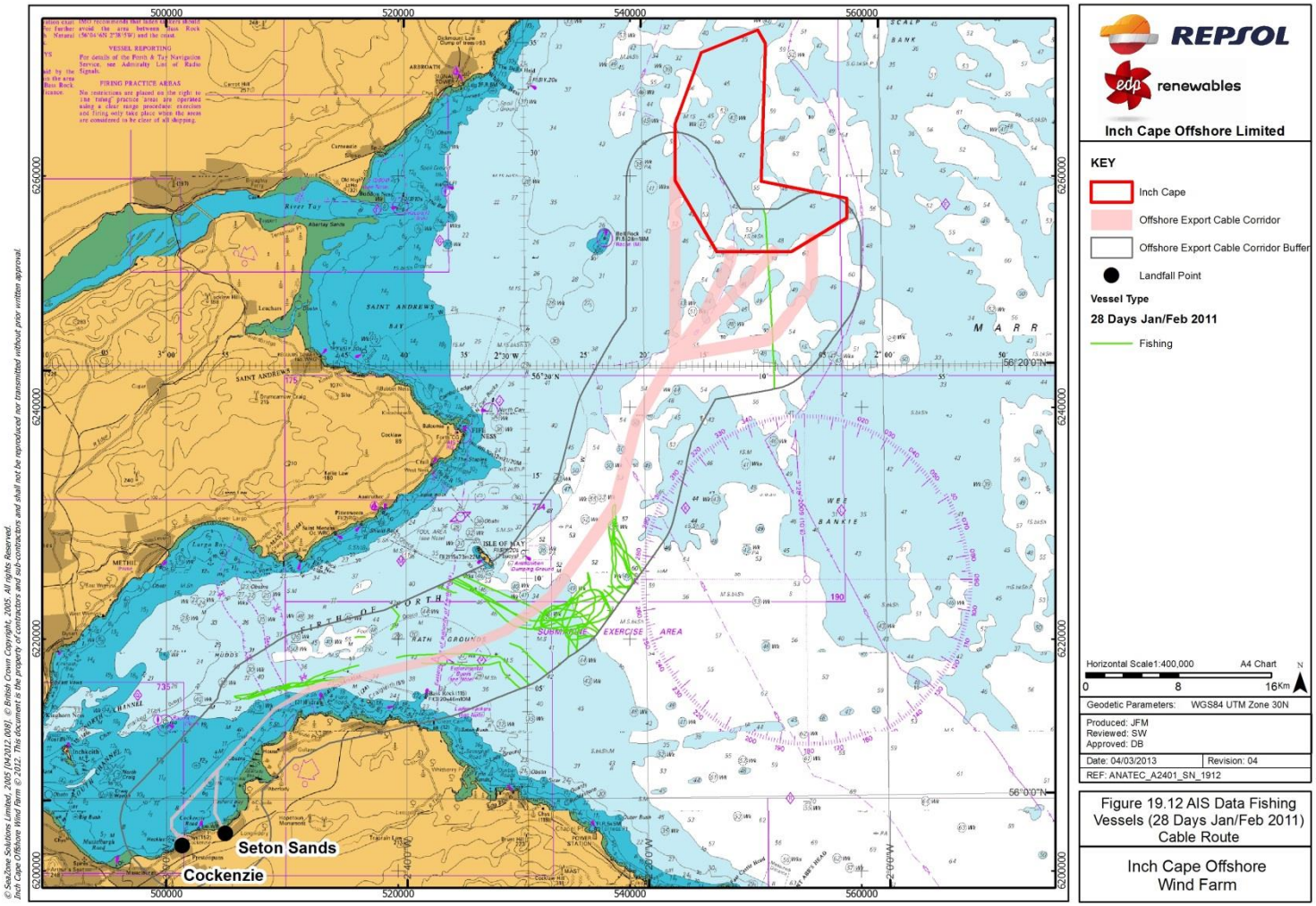


Figure 19.13: Fishing Survey Period Vessels (28 Days May 2012)

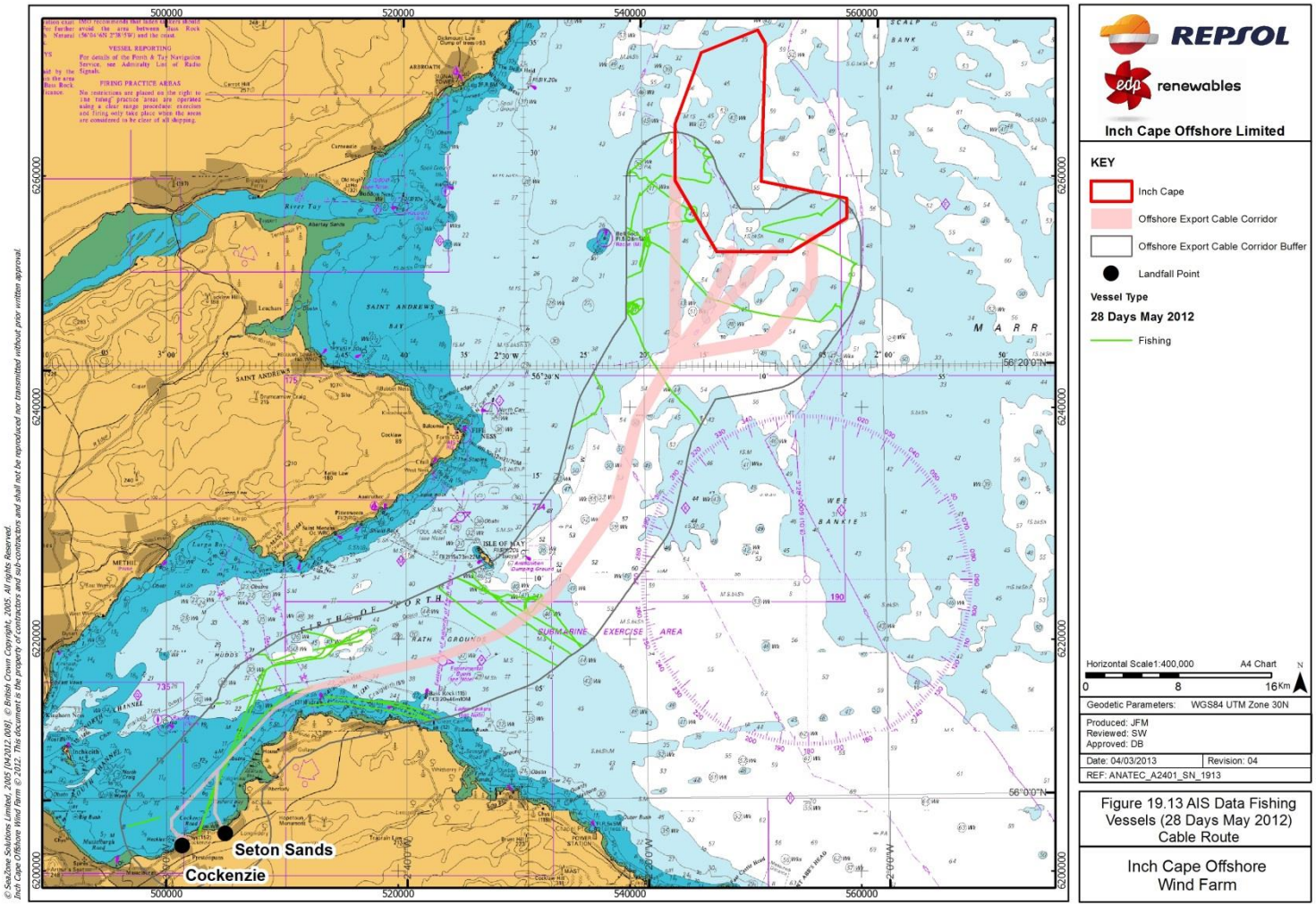


Figure 19.14: Fishing Vessel Sightings Data for Offshore Export Cable Corridor (2005-2009)

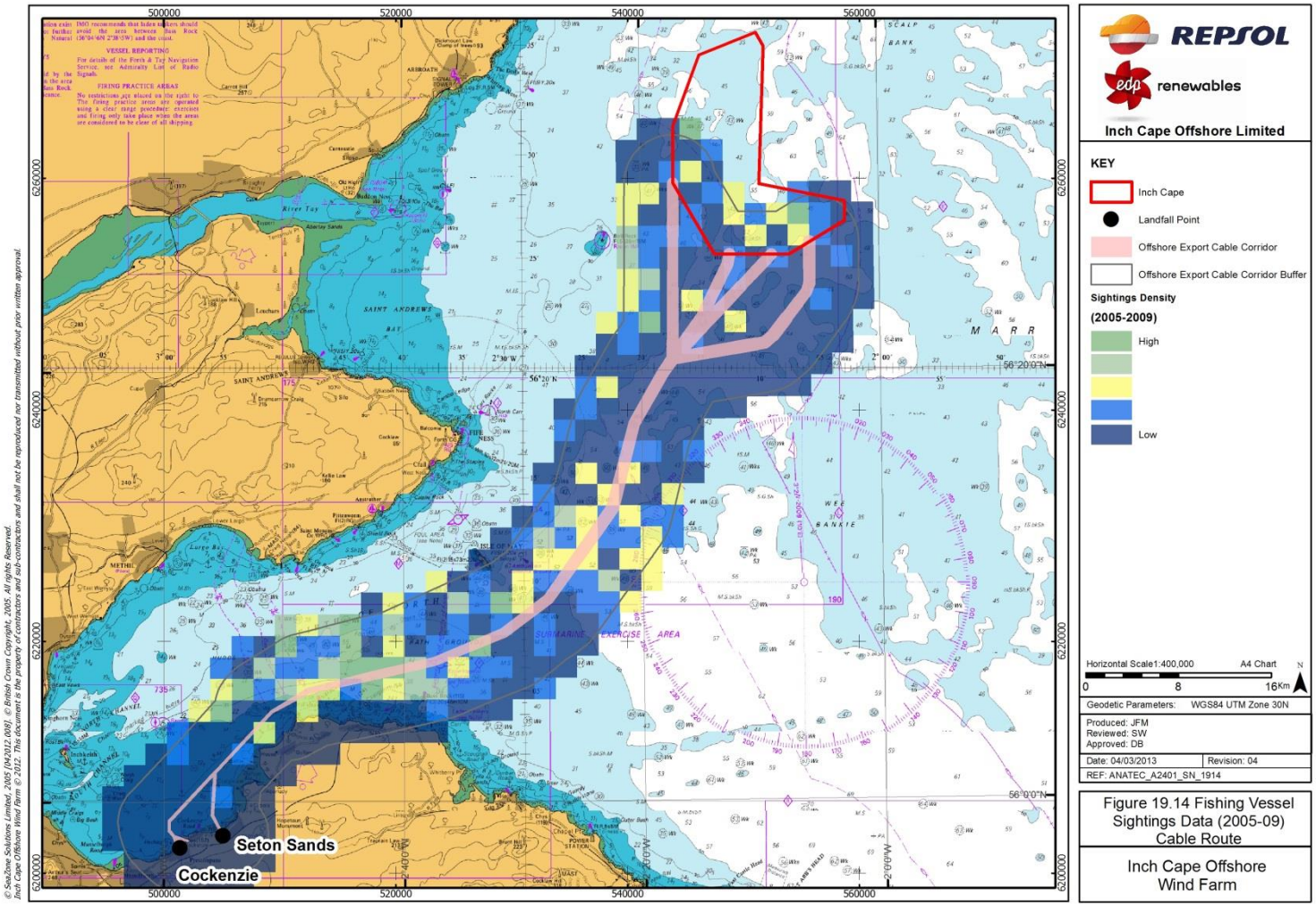


Figure 19.15: Fishing Vessel Satellite Data for Offshore Export Cable Corridor (2009)

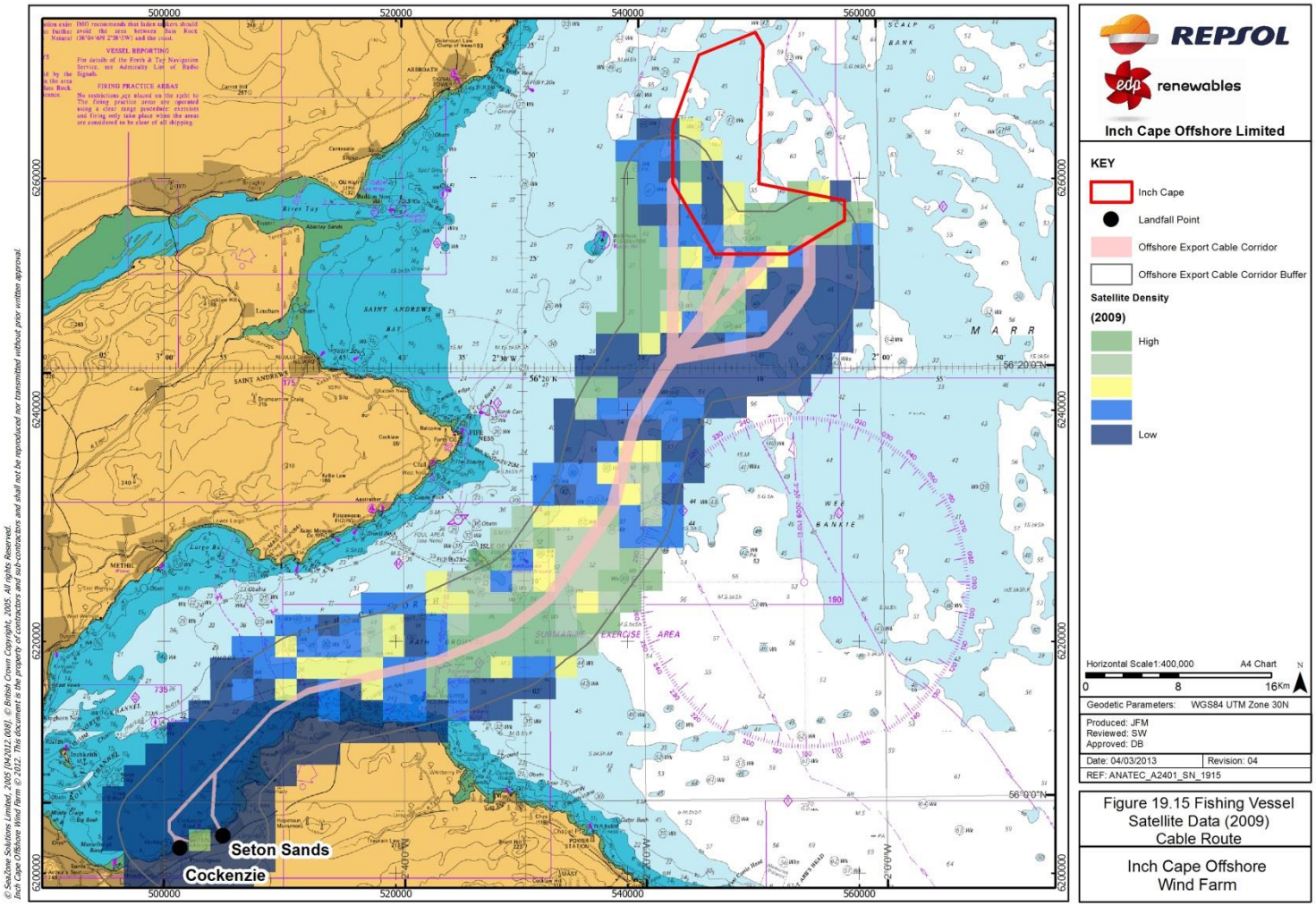


Figure 19.16: Recreational Vessels (28 Days Survey Period May 2012)

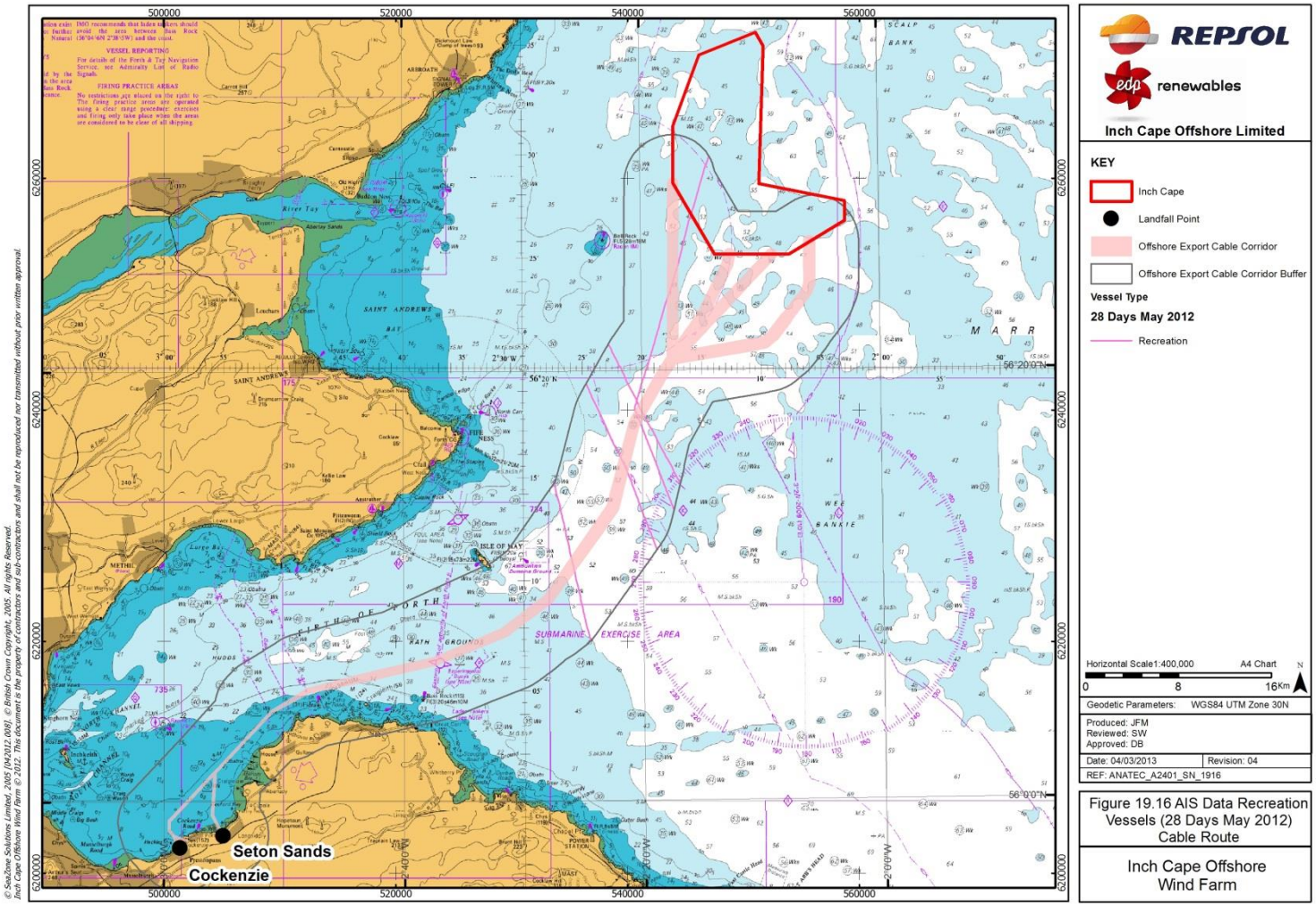


Figure 20.1: Position of P 18 Relative to Development Area

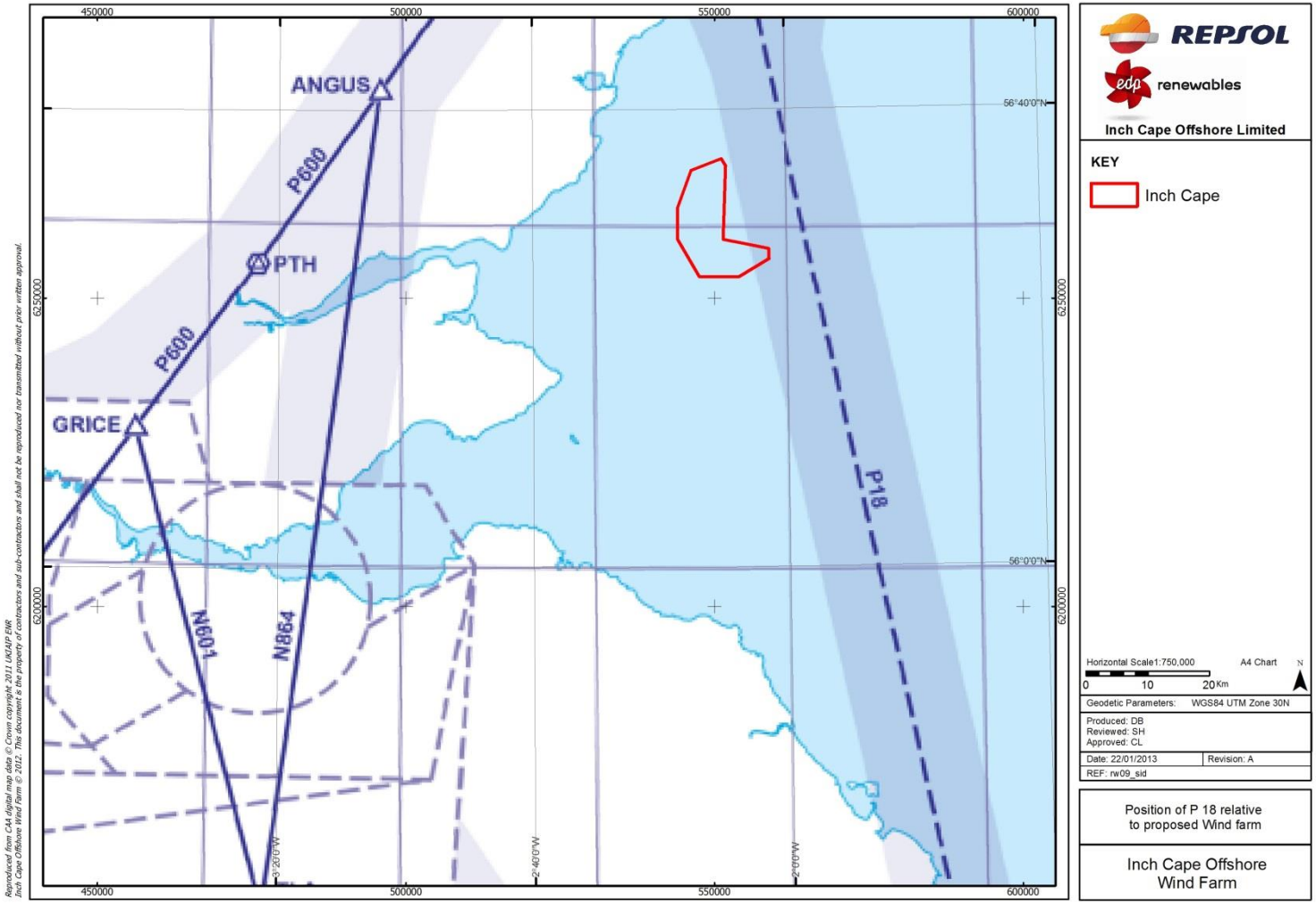


Figure 20.2: Position of TRA 007A Relative to Development Area

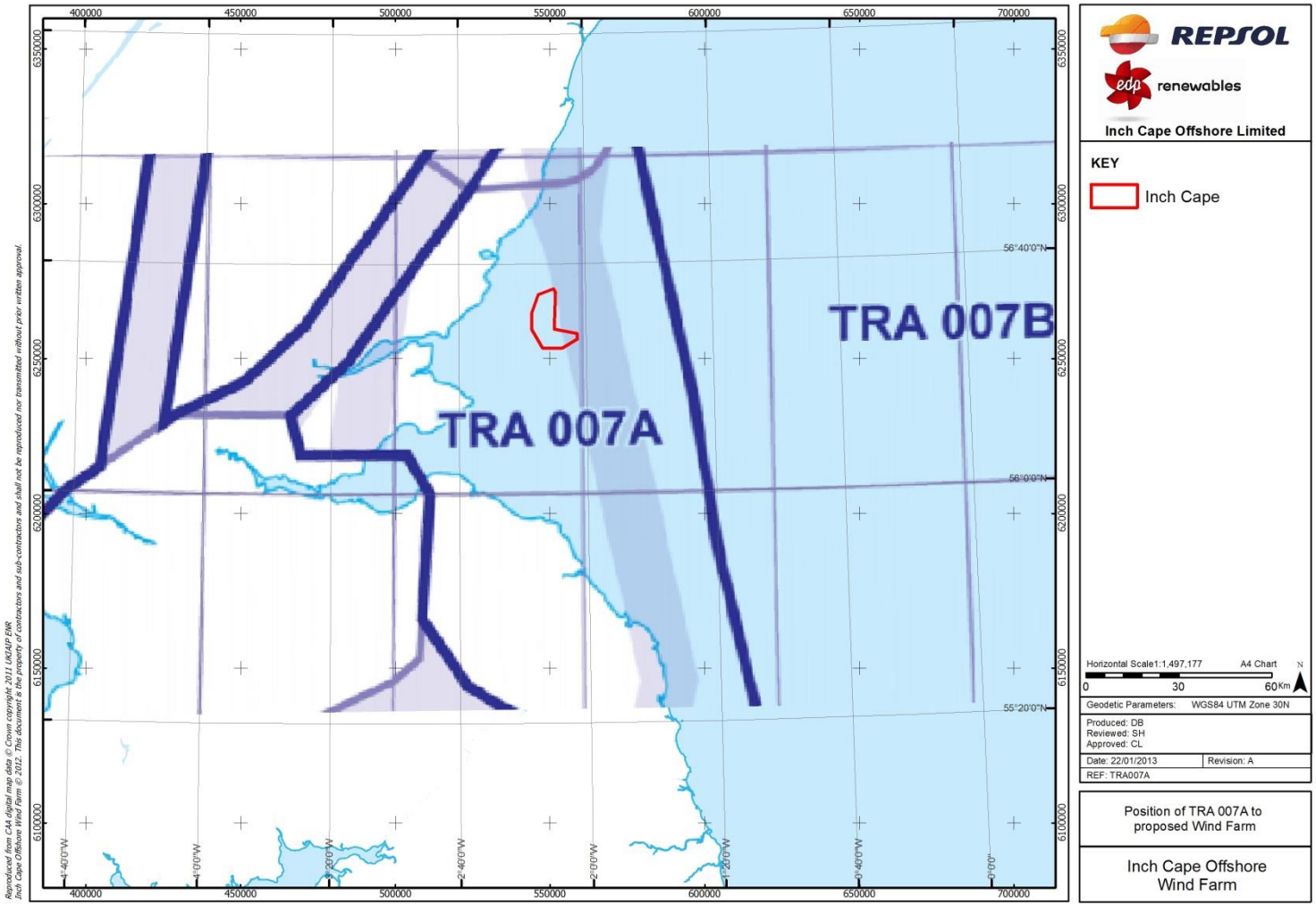


Figure 20.3: Position of Upper Air Routes UP 18 and UP 59 Relative to Development Area

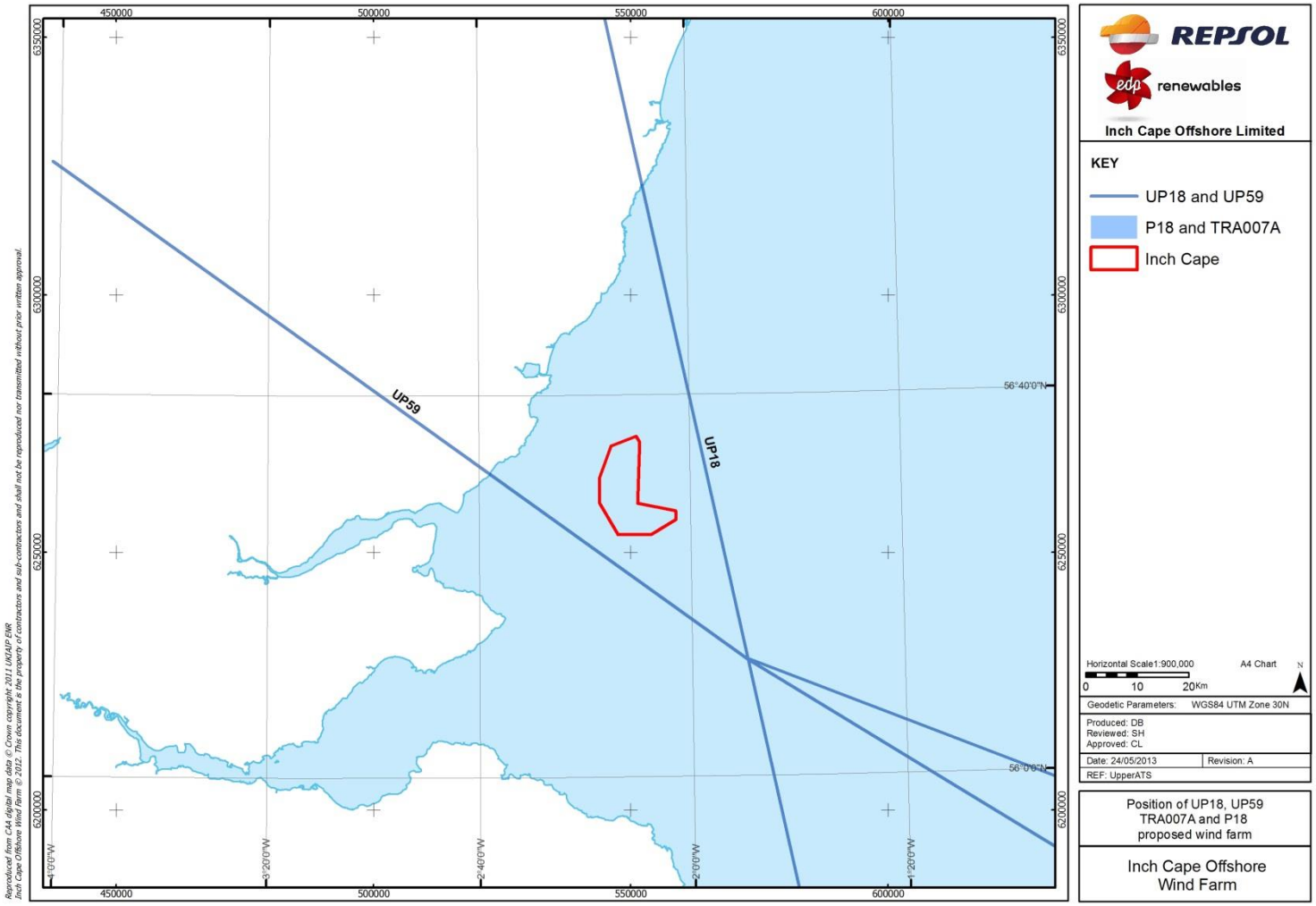


Figure 20.5: RAF Leuchars PAR Coverage Cone

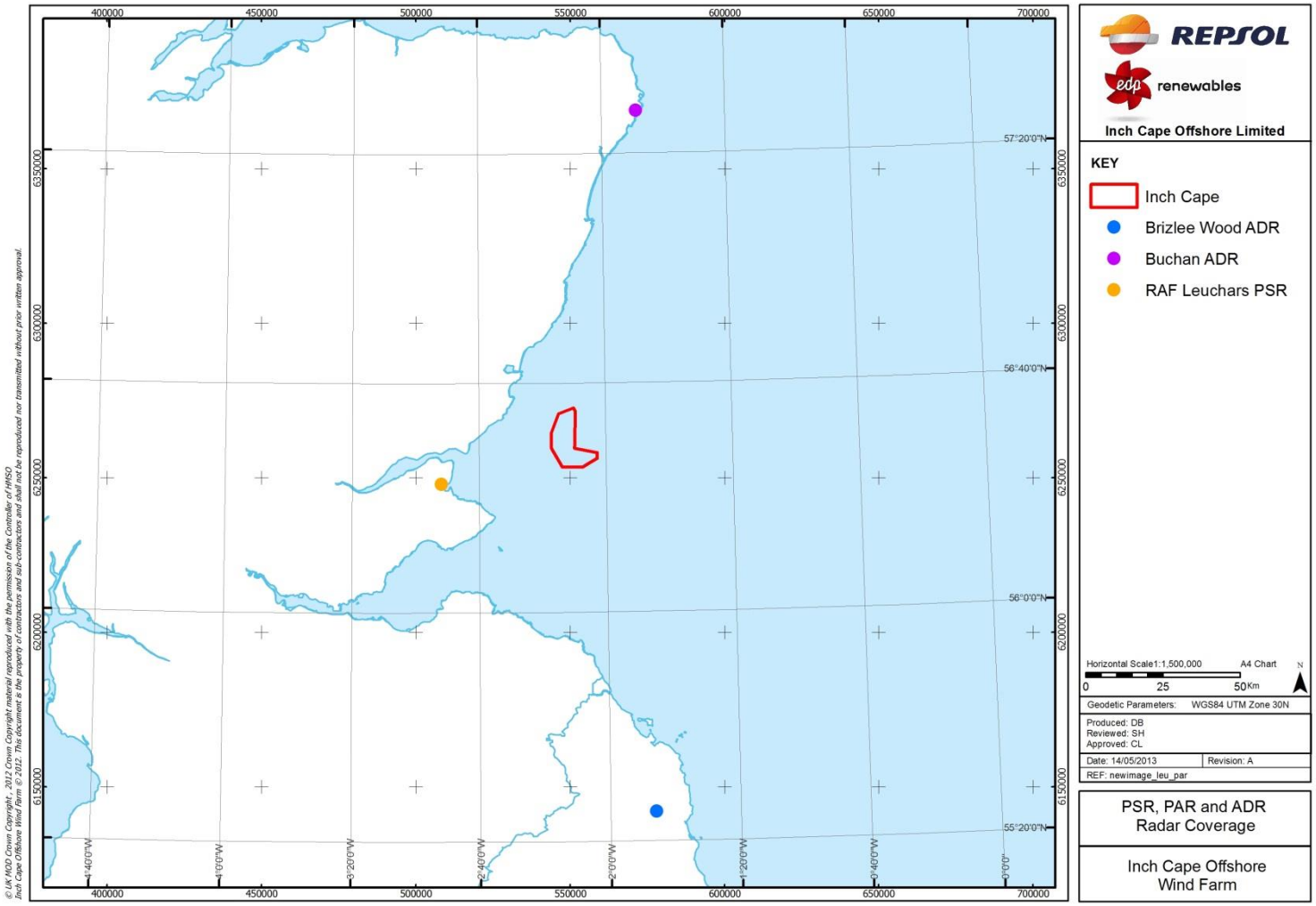


Figure 20.6: MOD Low Flying Area Safeguarding Map Showing the Location of the Development Area

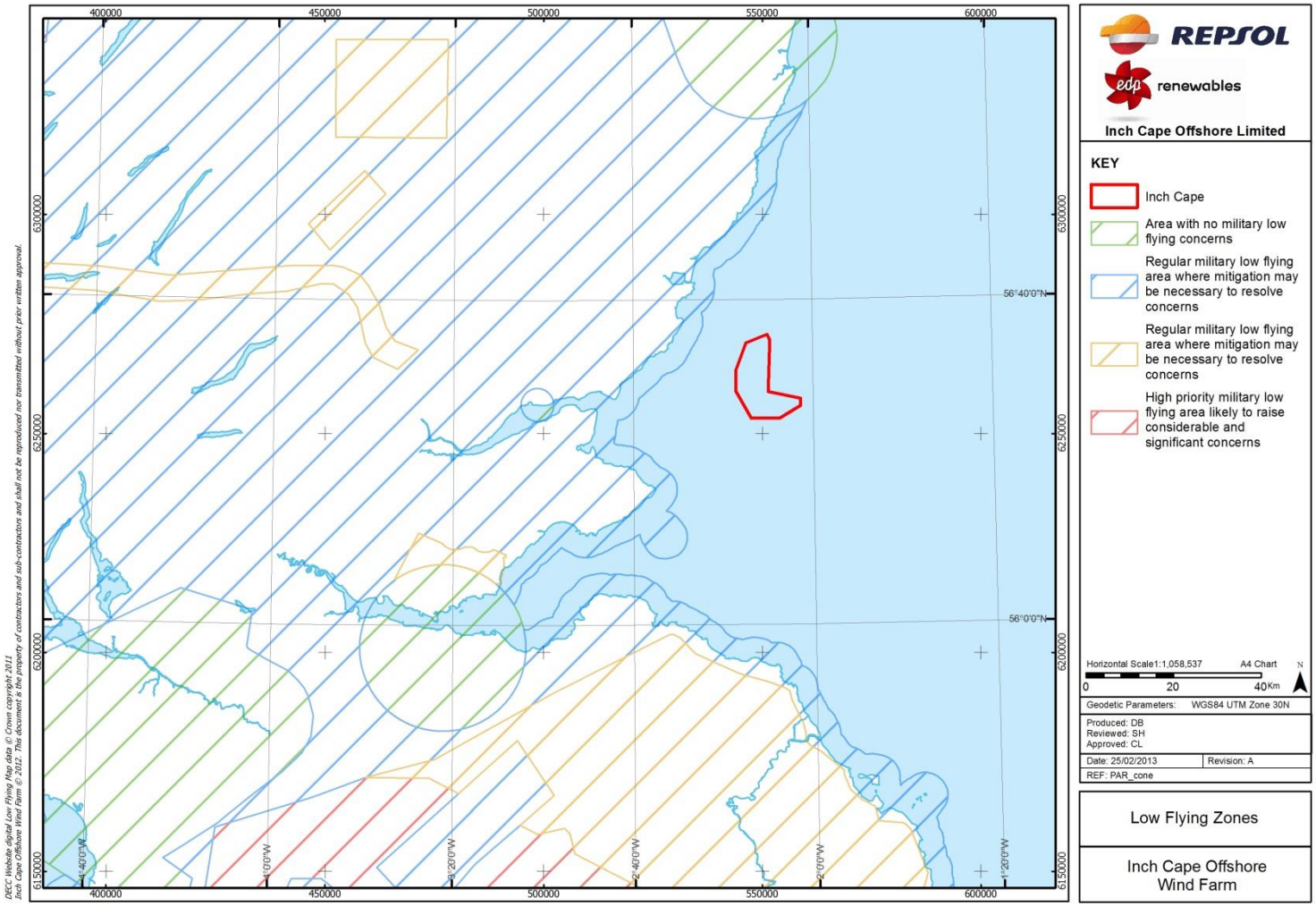


Figure 20.7: Other Offshore Wind Farm Projects Considered for Cumulative Impact

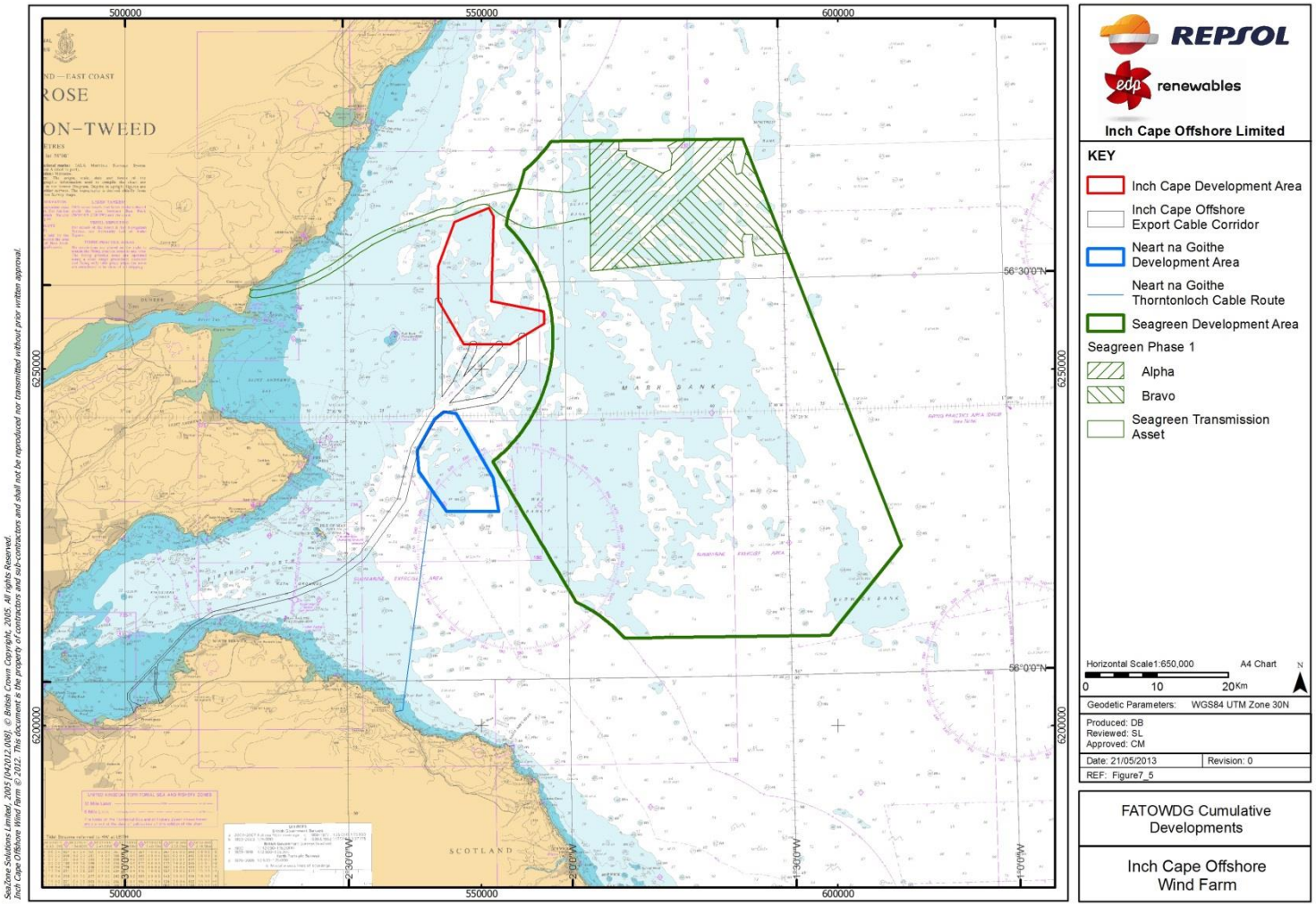


Figure 21.1: Other Marine Users and Activities

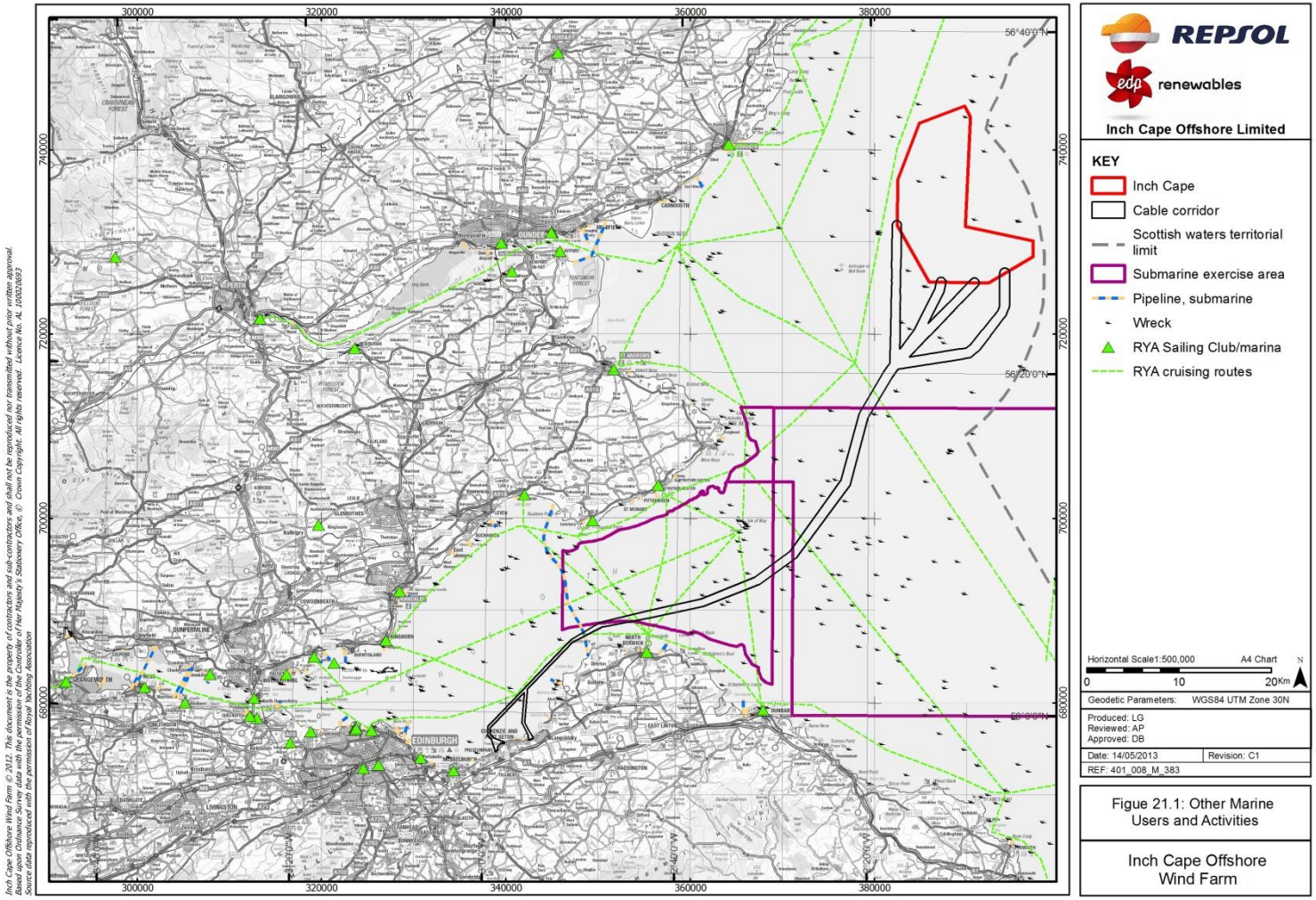


Figure 21.2: Possibility of UXO Encounter

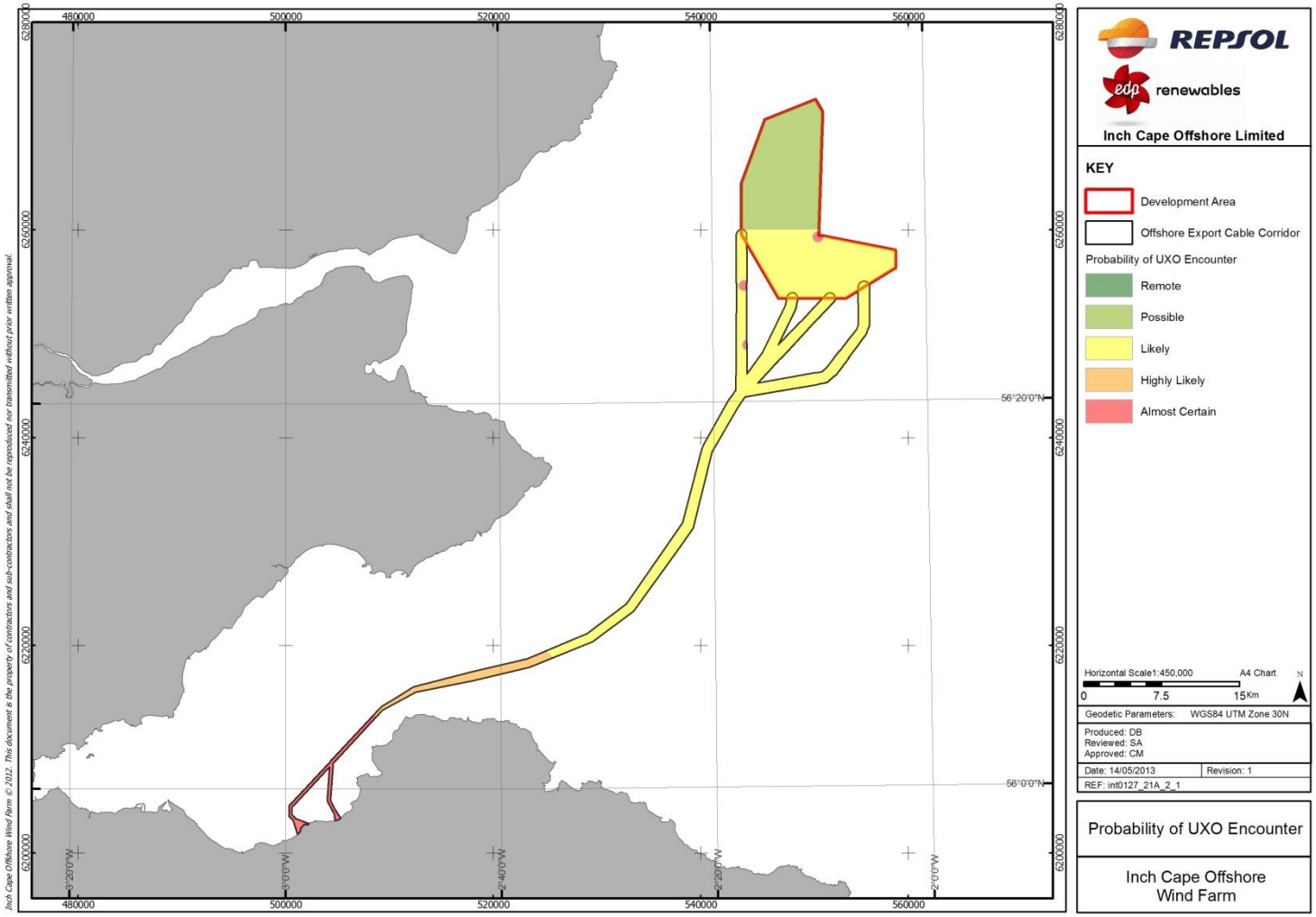


Figure 22.1 Illustration of Economic Study Area and Labour Market Catchment Areas

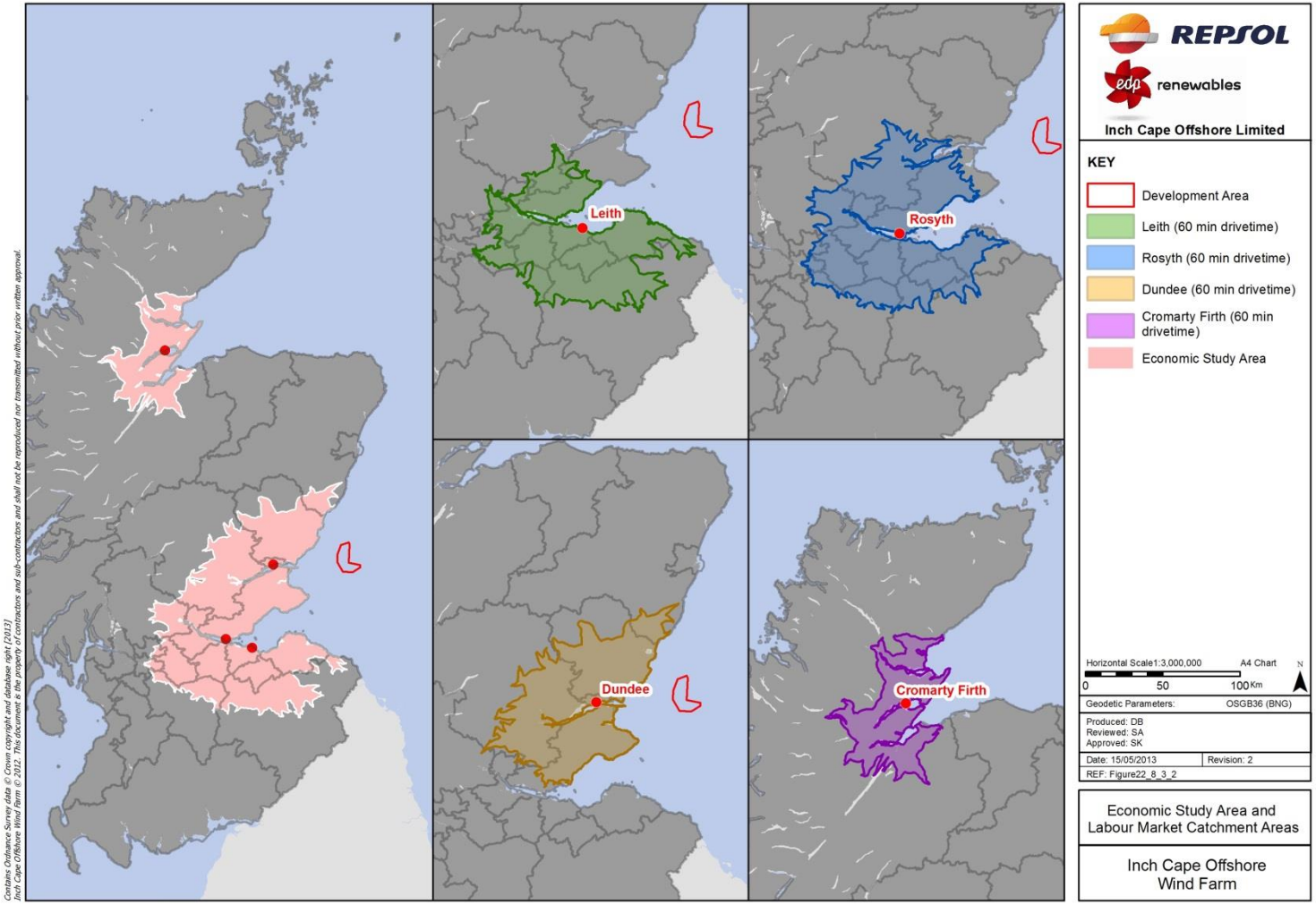
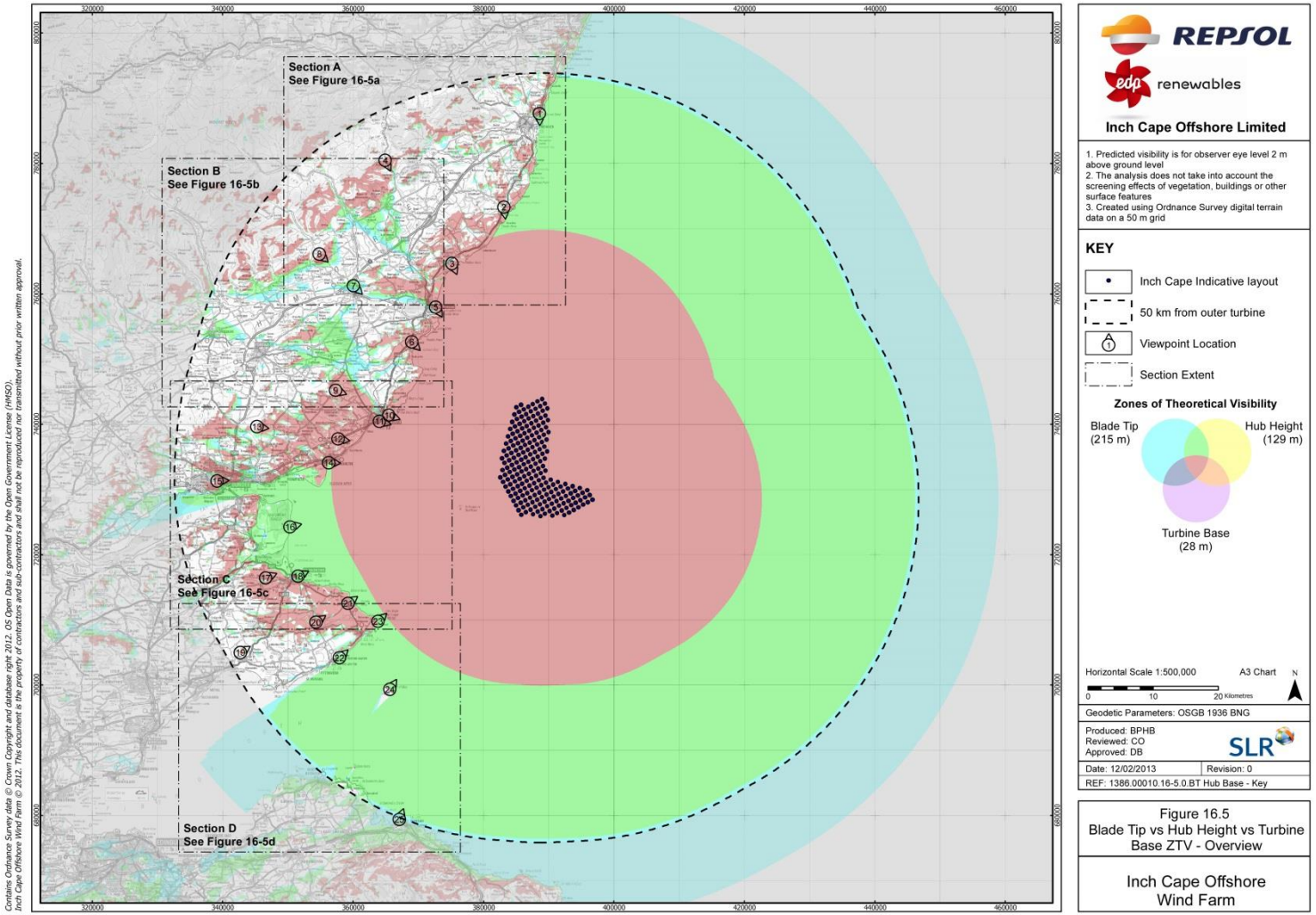


Figure 22.2 Tourism Study Area Based On ZTV Chapter 16 Landscape Seascape and Visual Impact Figure 16.5



NO FIGURES WERE PRESENTED IN CHAPTER 23