

Mersey Tidal Power

EIA Scoping Report: Volume 2b FiguresChapters 9 - 13

September 2024





Mersey Tidal Power

EIA Scoping Report: Volume 2b Figures

Document History

Version	Author	Reviewer	Approver	Date	Comments
A0	WSP	Mersey Tidal Power	Mersey Tidal Power	13/09/24	Final



Contents

Figures

- Figure 1.1 Scoping Area
- Figure 2.1 Development Areas
- Figure 2.2 Marine Environment
- Figure 2.3 Designated Sites
- Figure 2.4 Other Features
- Figure 2.5 Grid Connection Points
- Figure 3.1 Marine Licence Boundary
- Figure 5.1 Coastal Processes Study Areas
- Figure 5.2 Locations of baseline data sources
- Figure 5.3 Locations of WFD Waterbodies
- Figure 5.4 Coastal Processes Designated Sites
- Figure 6.1 Benthic Ecology and Plankton Study Area
- Figure 6.2 Intertidal habitats within the Benthic Ecology and Plankton Study Area
- Figure 6.3 Intertidal habitats within the Benthic Ecology and Plankton Study Area (RSK, 2024)
- Figure 6.4 EUSeaMap (2023) seabed habitats and Cefas (2024) OneBenthic faunal clusters within the Benthic Ecology and Plankton Study Area
- Figure 6.5 Designated sites within the Study Area
- Figure 7.1 INNS Study Area
- Figure 7.2 Marine INNS identified within the INNS Study Area
- Figure 7.3 Terrestrial INNS identified within the INNS Study Area
- Figure 7.4 Freshwater INNS identified within the INNS Study Area
- Figure 8.1 Marine Mammal Regional Study Areas Bottlenose dolphin and Harbour porpoise
- Figure 8.2 Marine Mammal Regional Study Areas Minke whale, Risso's dolphin, Common dolphin, Harbour seal and Grey seal
- Figure 8.3 Marine Mammal Study Area
- Figure 9.1 Marine and Intertidal Ornithology Study Area
- Figure 9.2 Marine and Intertidal Ornithology Survey Areas
- Figure 9.3 Marine and Intertidal Ornithology SPA and Ramsar Sites
- Figure 9.4 Marine and Intertidal Ornithology SSSIs and NNR Sites



- Figure 10.1 Fish and Shellfish Study Area
- Figure 10.2 Fish and Shellfish Spawning and Nursery Grounds Cod, Mackerel, Plaice, Sandeel
- Figure 10.3 Fish and Shellfish Spawning and Nursery Grounds Sole, Whiting, Sprat, Ling
- Figure 10.4 Fish and Shellfish Spawning and Nursery Grounds Herring, Anglerfish, Spotted Ray, Thornback ray
- Figure 10.5 Fish and Shellfish Spawning and Nursey Grounds Tope shark, Spurdog
- Figure 10.6 Designated Fish and Shellfish Features
- Figure 10.7 Fish and Shellfish Survey Locations
- Figure 11.1 Commercial Fisheries Study Area
- Figure 13.1 Statutory Designated Biodiversity Sites of International Importance Special Areas of Conservation
- Figure 13.2 Statutory Designated Biodiversity Sites of International Importance Special Protection Areas and Ramsar
- Figure 13.3 Statutory Designated Biodiversity Sites of National Importance
- Figure 13.4 Statutory Designated Biodiversity Sites of Local Importance
- Figure 13.5 Ancient Woodland and Habitats of Principal Importance
- Figure 16.1 Shipping and Navigation Study Area
- Figure 16.2 Passenger and Ferry Vessel Tracks
- Figure 16.3 Tanker and Cargo Vessel Tracks
- Figure 16.4 Tug & Service and Recreational Vessel Tracks
- Figure 16.5 Vessel Tracks by Size
- Figure 17.1 Marine Cultural Heritage & Archaeology Study Area
- Figure 18.1 Terrestrial Cultural Heritage & Archaeology Study Area
- Figure 18.2 Terrestrial Cultural Heritage & Archaeology Study Area
- Figure 21.1 Baseline Air Quality and Constraints
- Figure 22.1 Noise Important Areas
- Figure 22.2 Daytime Road Traffic Noise Levels, dB LAeq16hr
- Figure 22.3 Night-time Road Traffic Noise Levels, dB Lnight
- Figure 23.1 Geology and Ground Conditions Study Areas
- Figure 23.2 Artificial Ground
- Figure 23.3 Superficial Deposits
- Figure 23.4 Bedrock Geology
- Figure 23.5 Agricultural Land Classification (Provisional)
- Figure 23.6 Agricultural Land Classification (Post 1988)
- Figure 23.7 Authorised and Historic Landfill Sites



Figure 25.1 Mersey Barrage Zone of Theoretical Visibility

Figure 26.1 Offshore Infrastructure

Figure 26.2 Onshore Renewable Energy Projects

Figure 26.3 Utilities - Electricity

Figure 26.4 Water utilities

Figure 26.5 Marine Disposal Sites

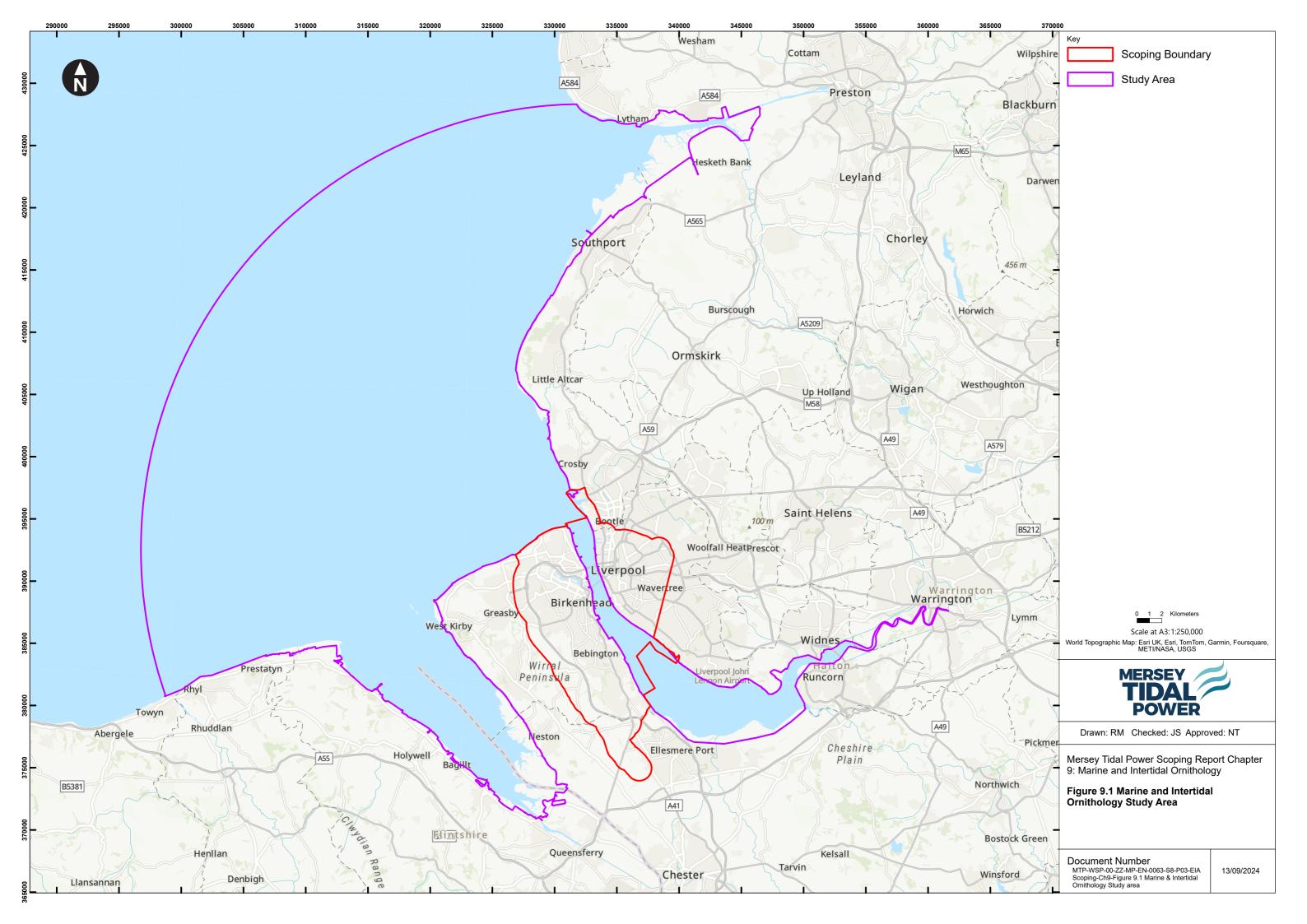
Figure 26.6 Recreational activities within the Tidal Barrage Development Area

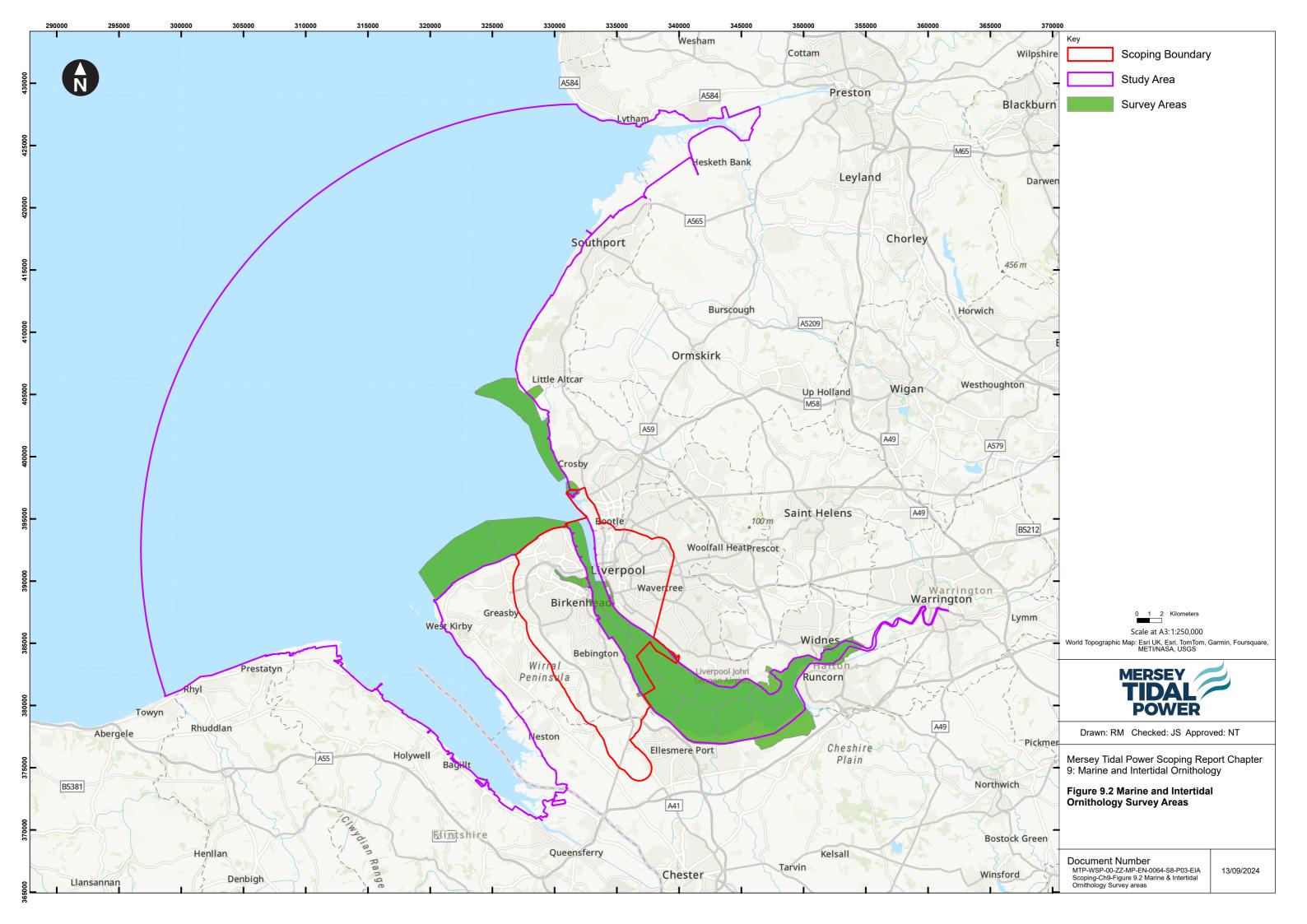
Figure 26.7 Recreational Activities - Green Spaces

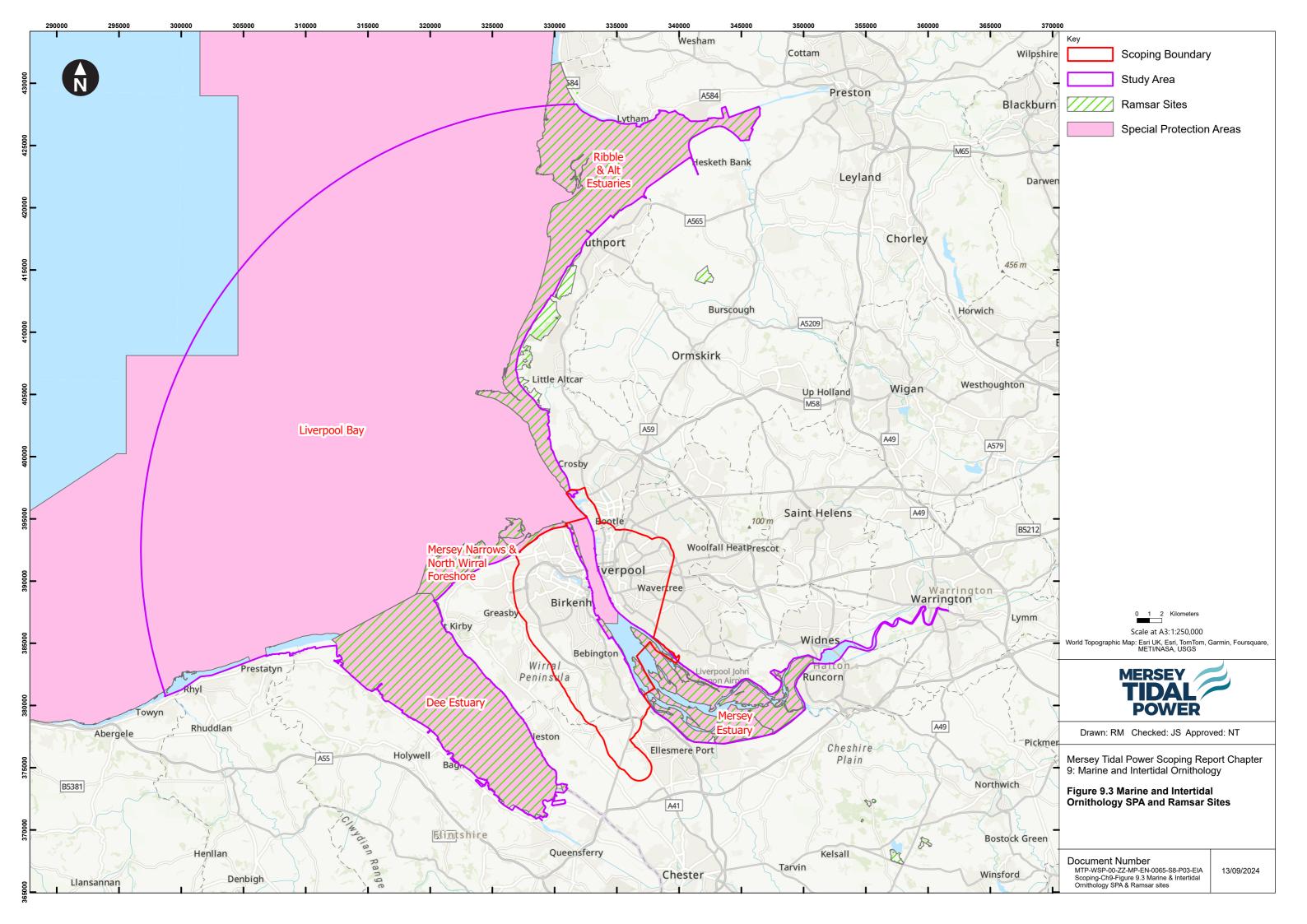
Figure 27.1 Controlled Airspaces

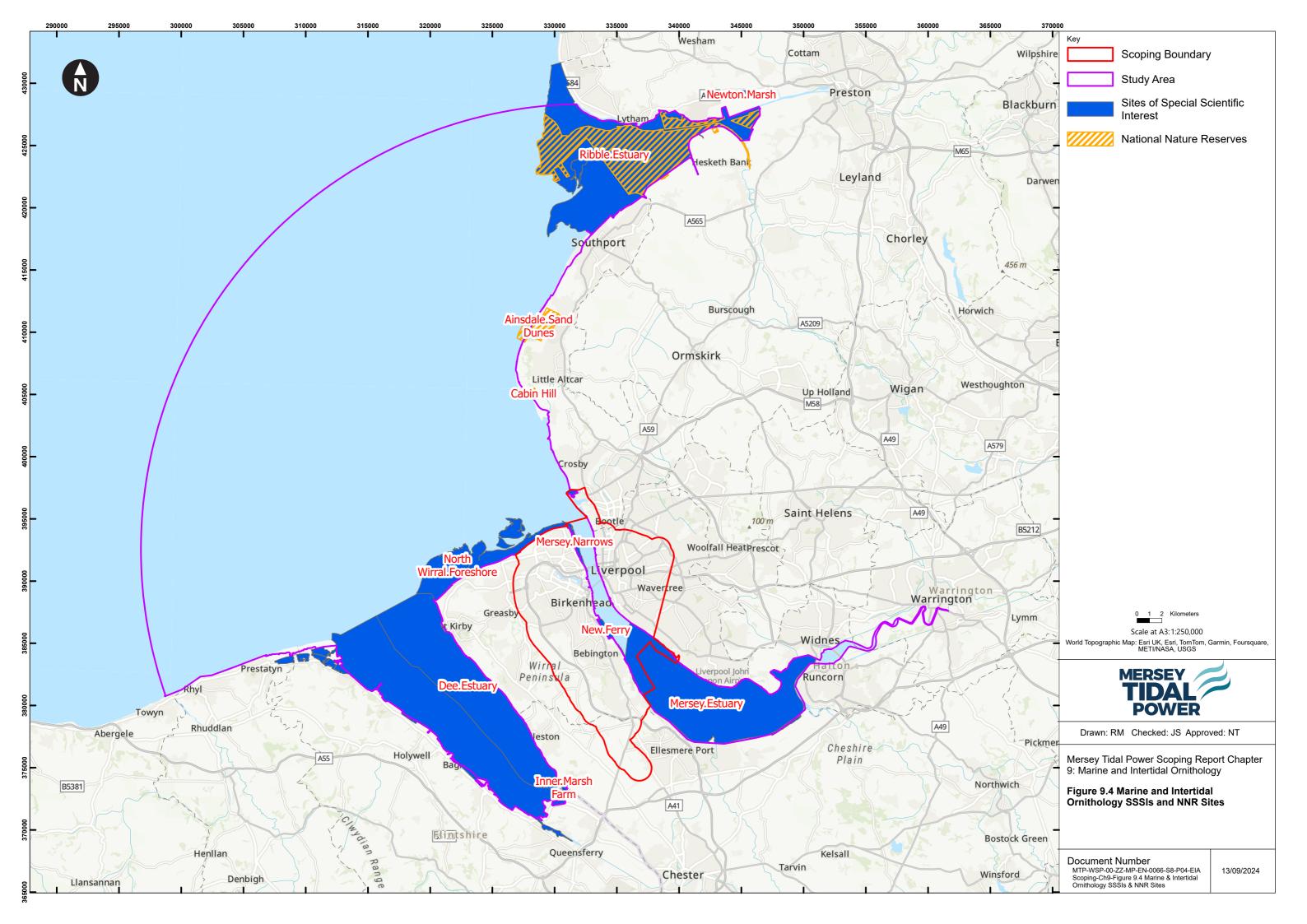
Figure 27.2 Radar locations

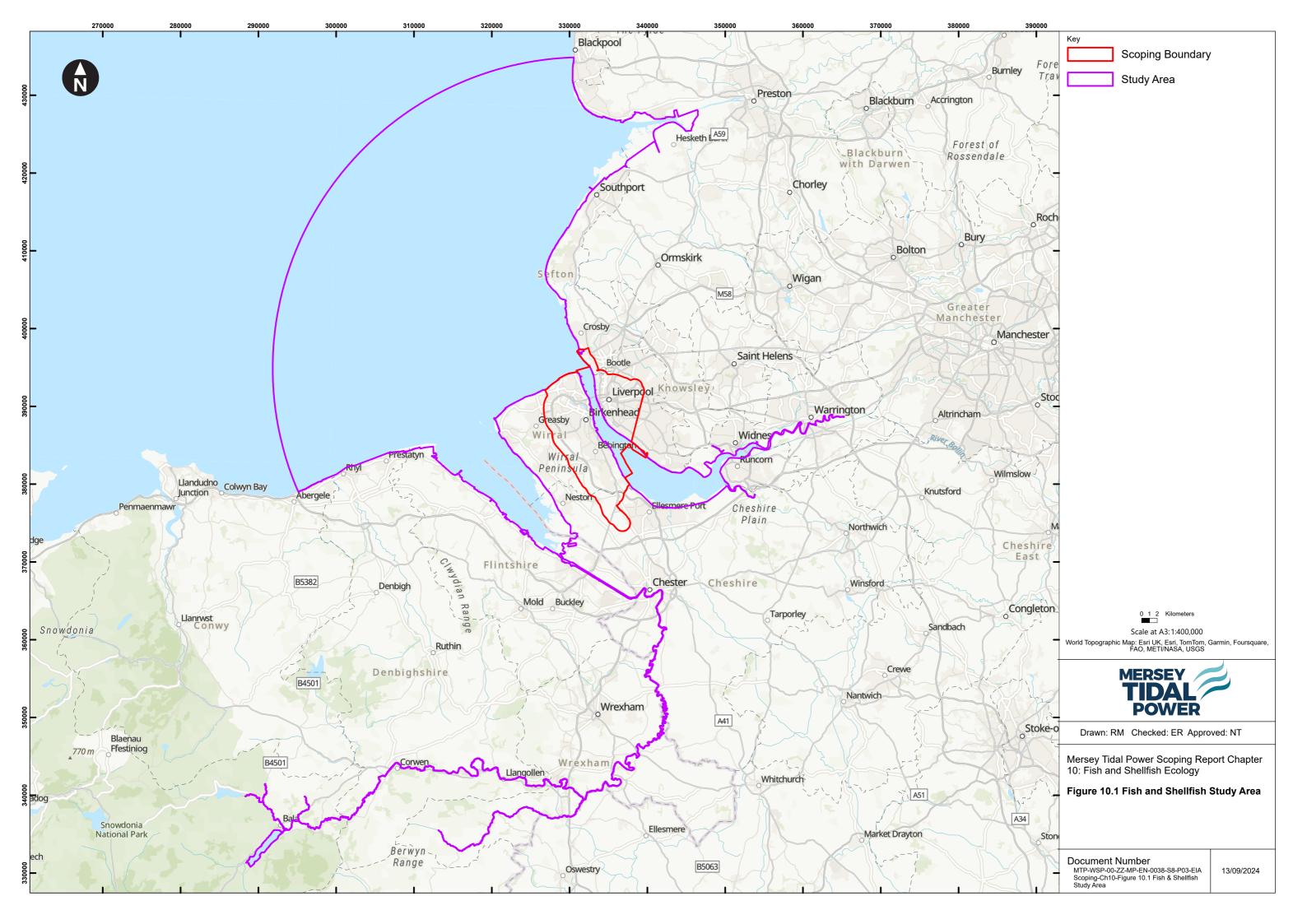
Page intentionally blank

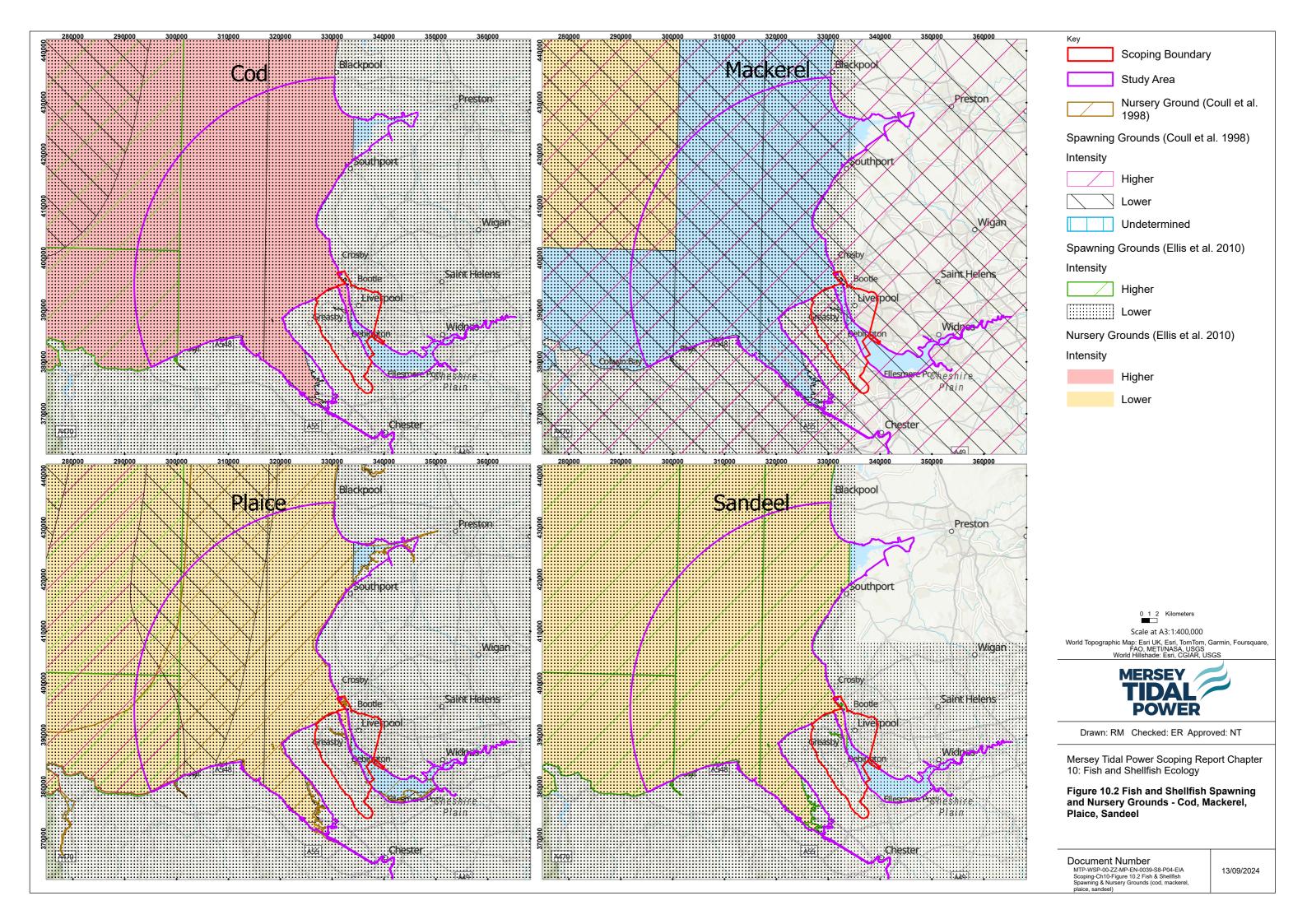


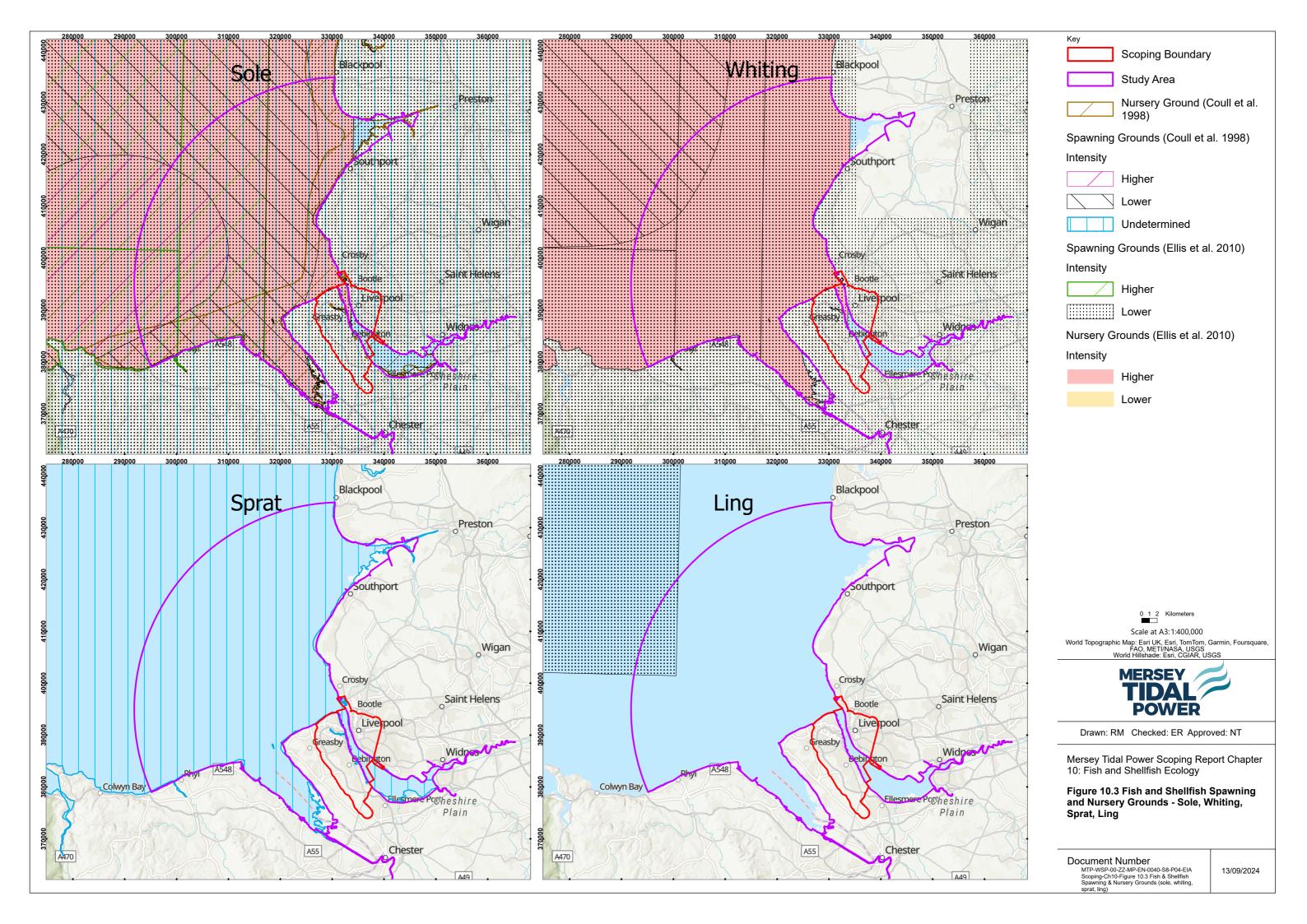


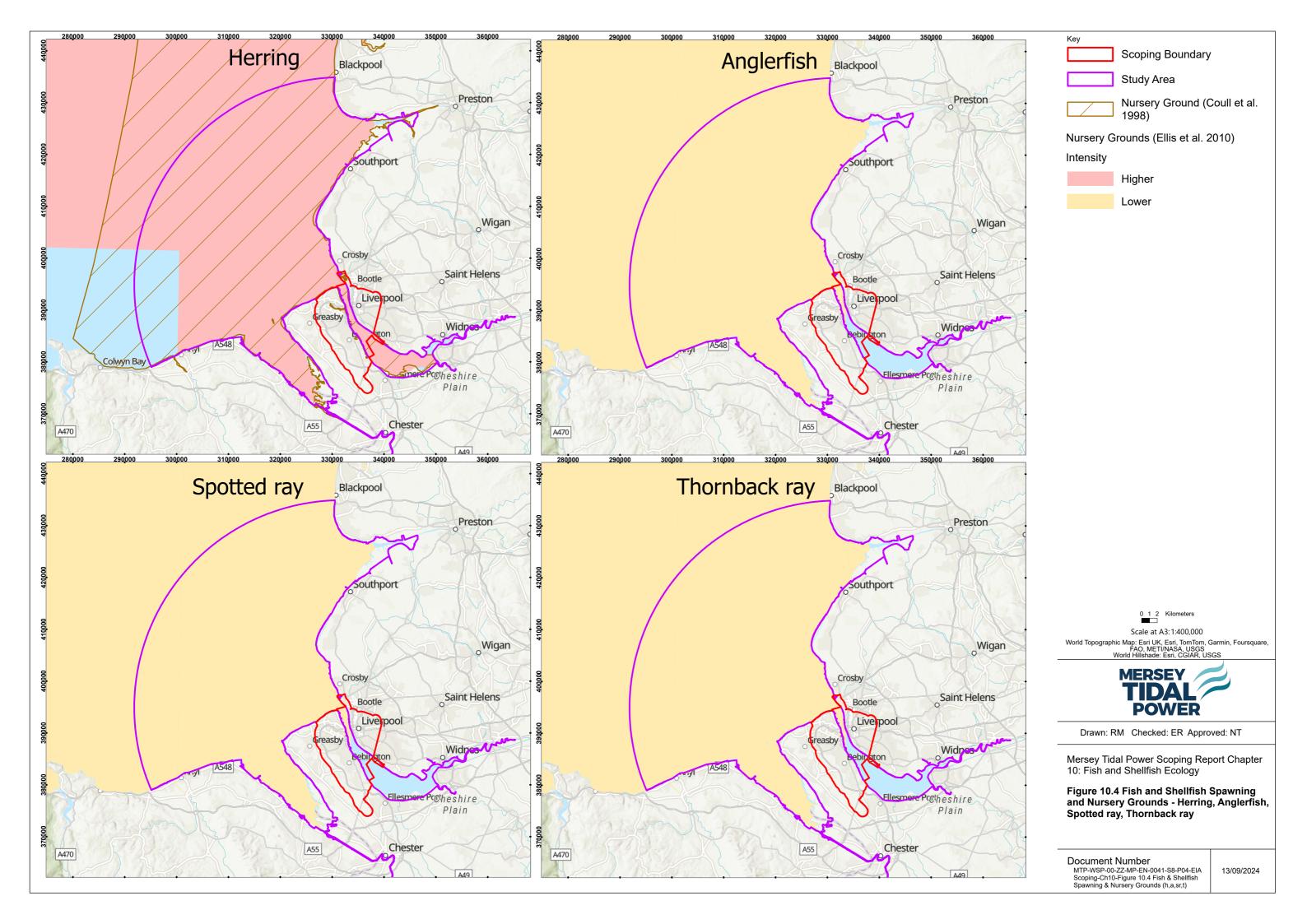


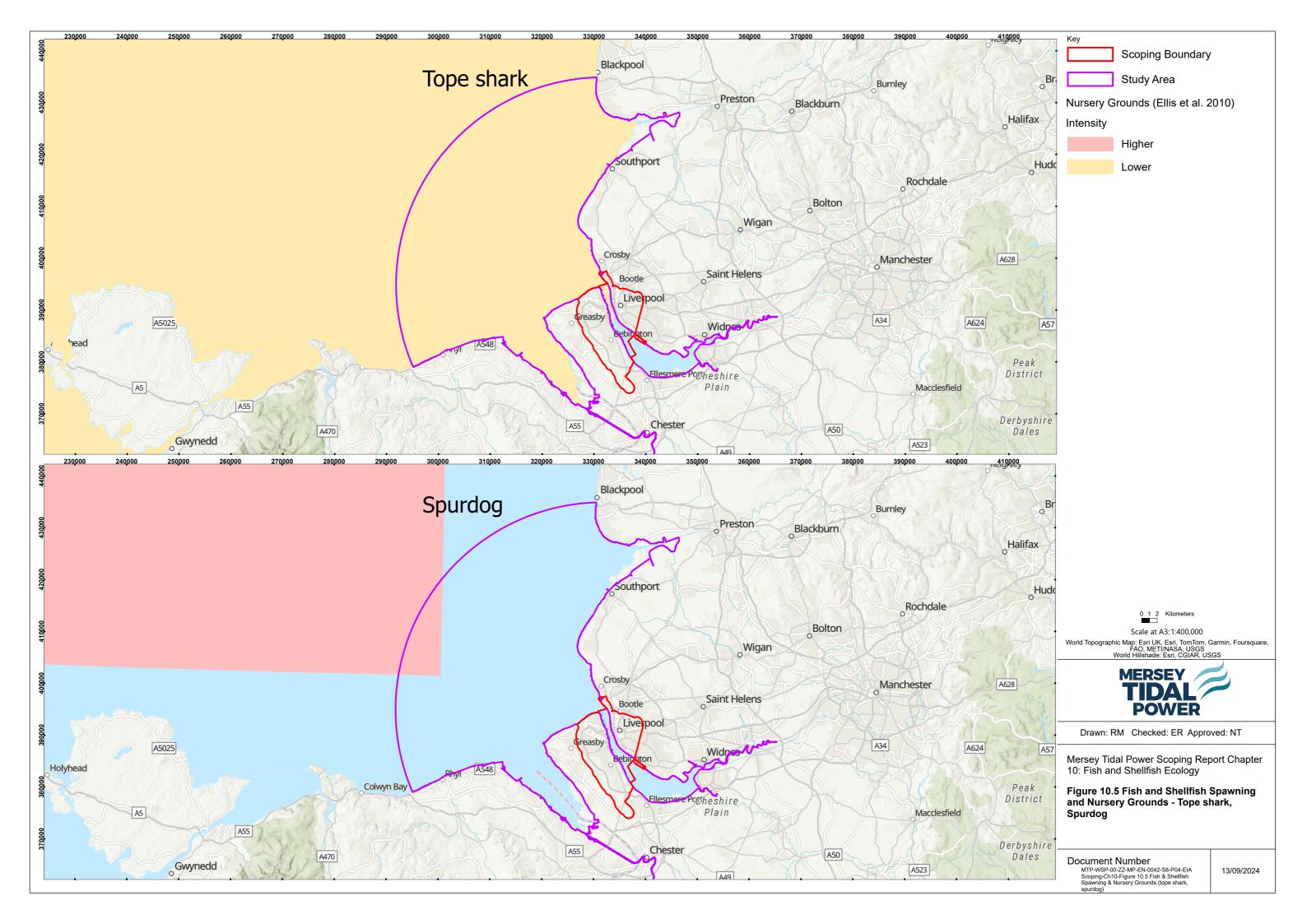


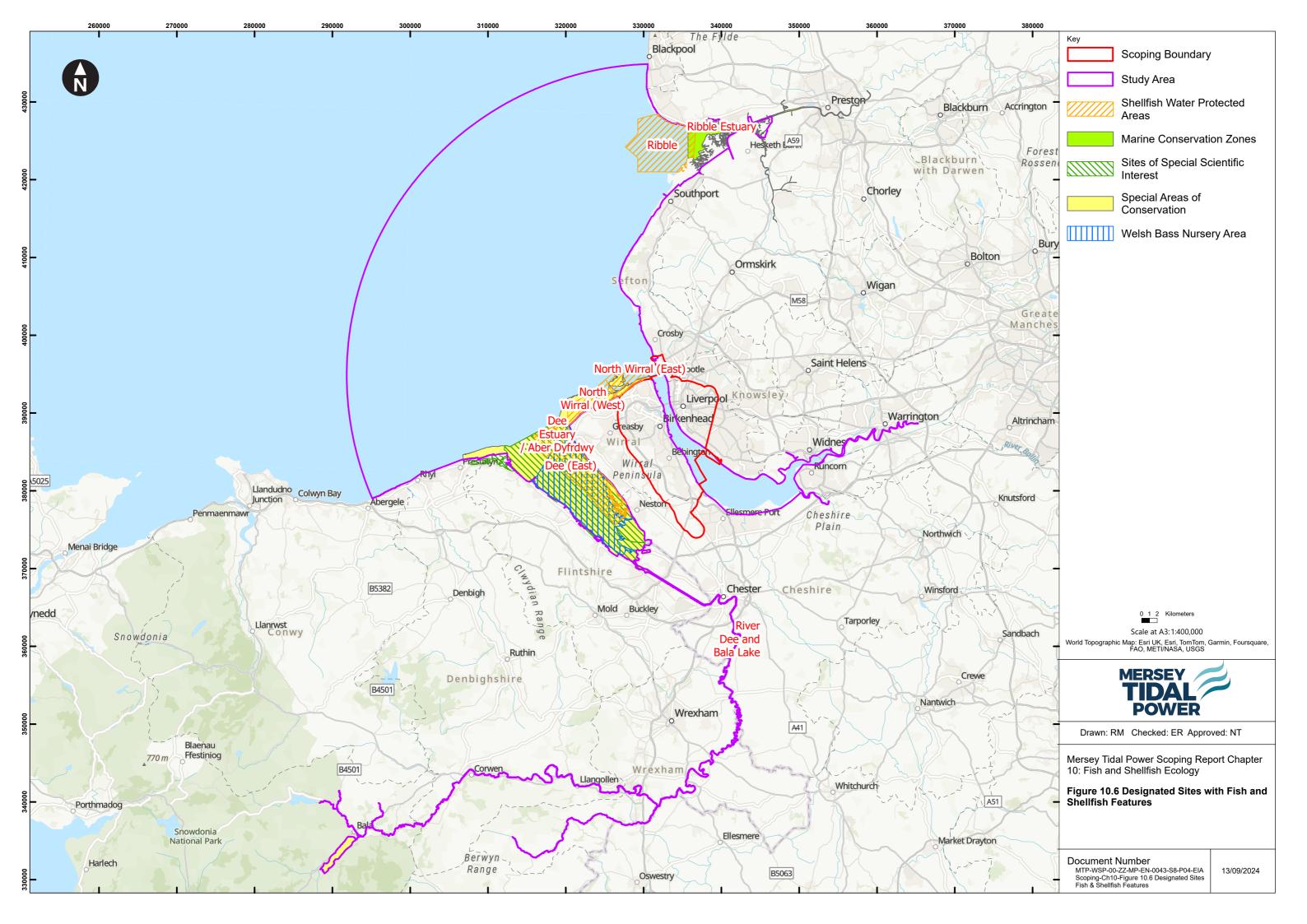


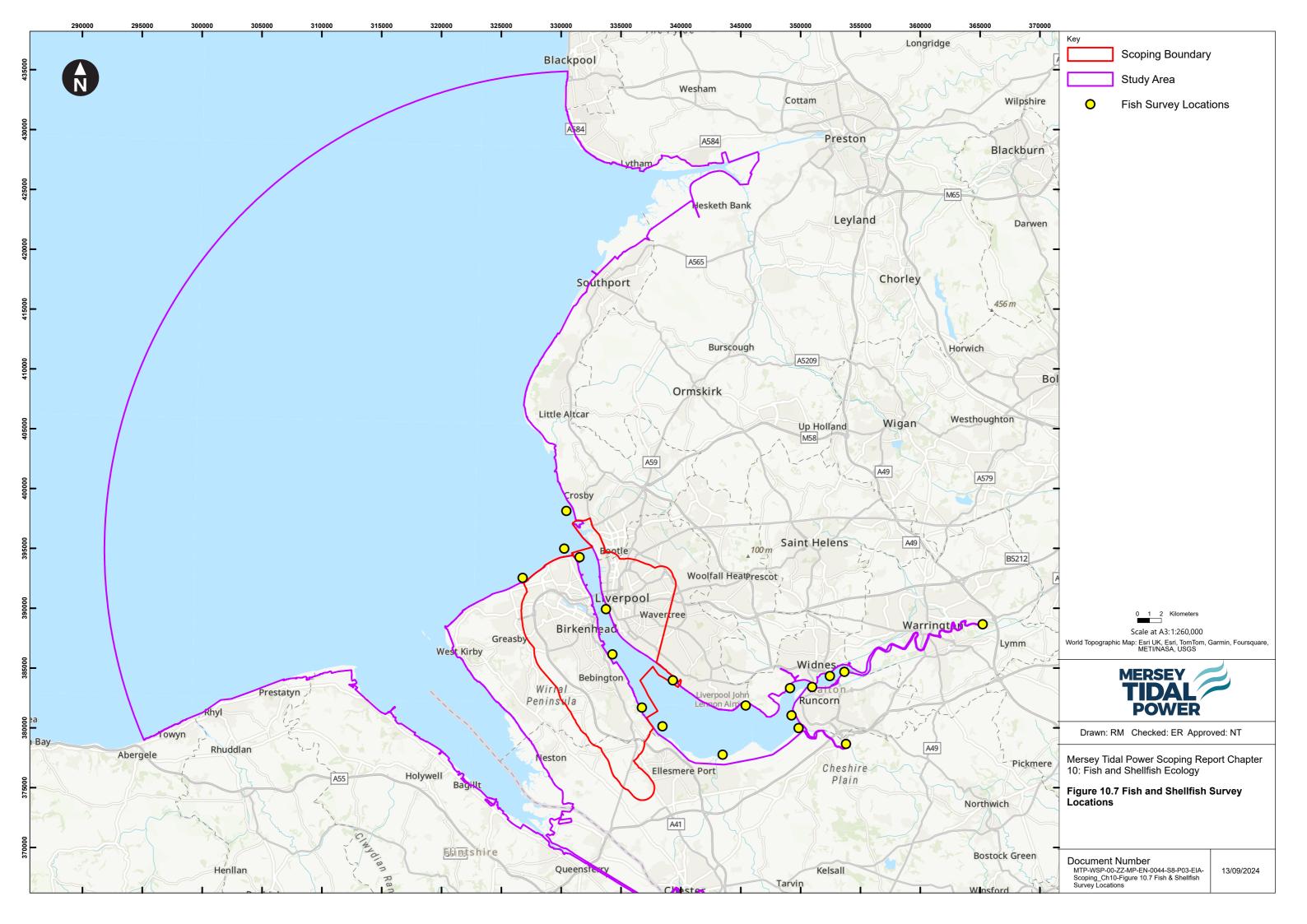


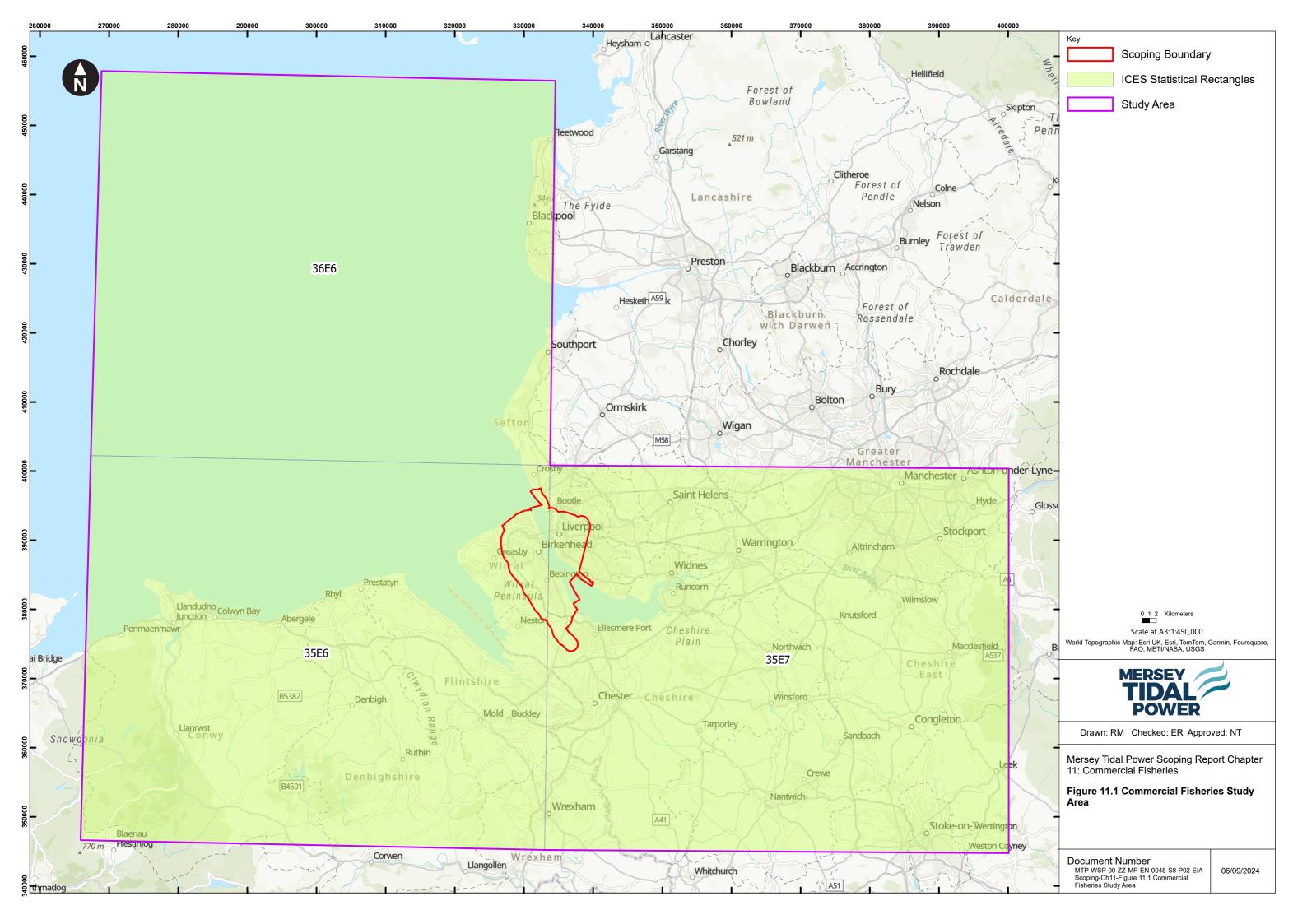


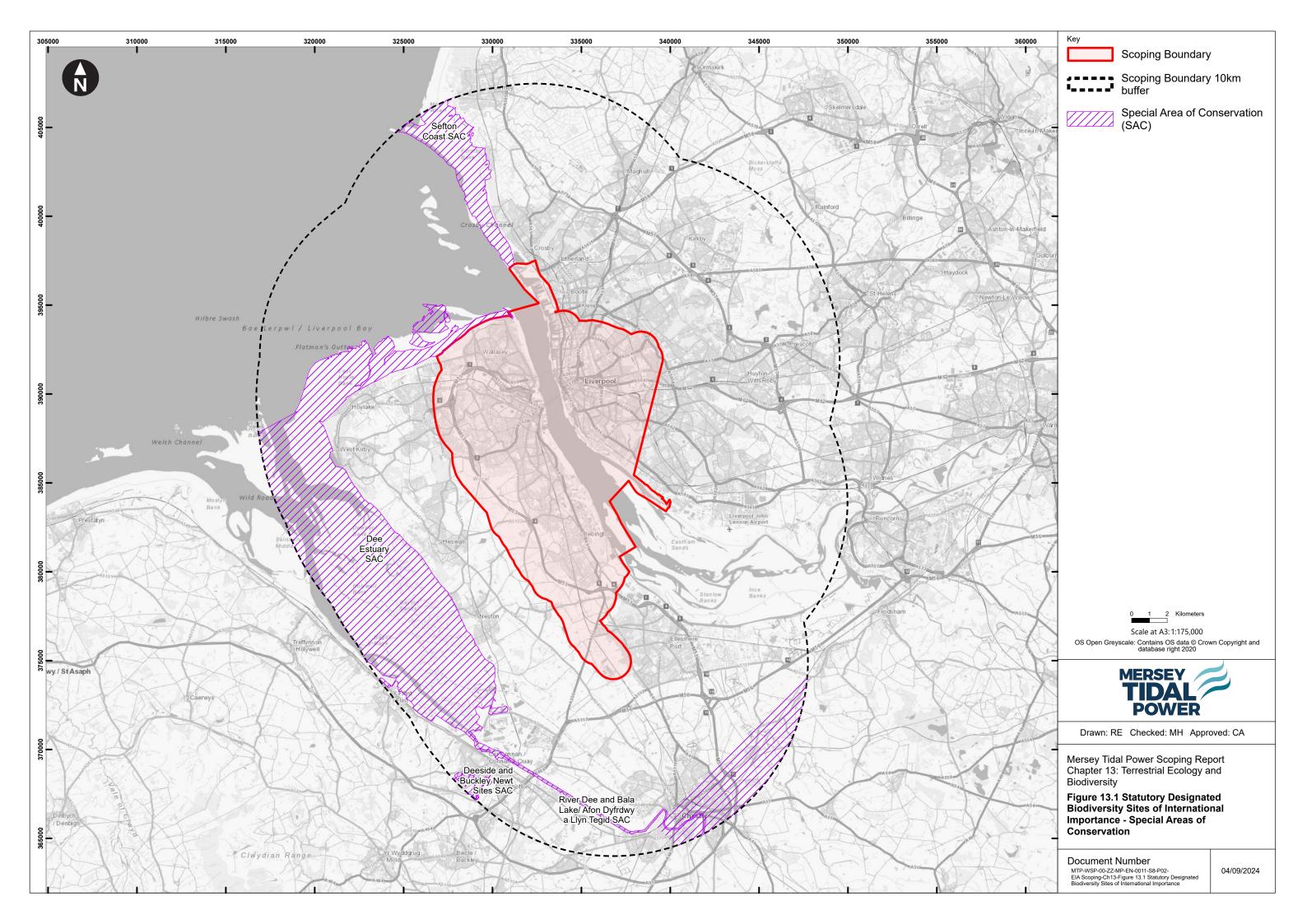


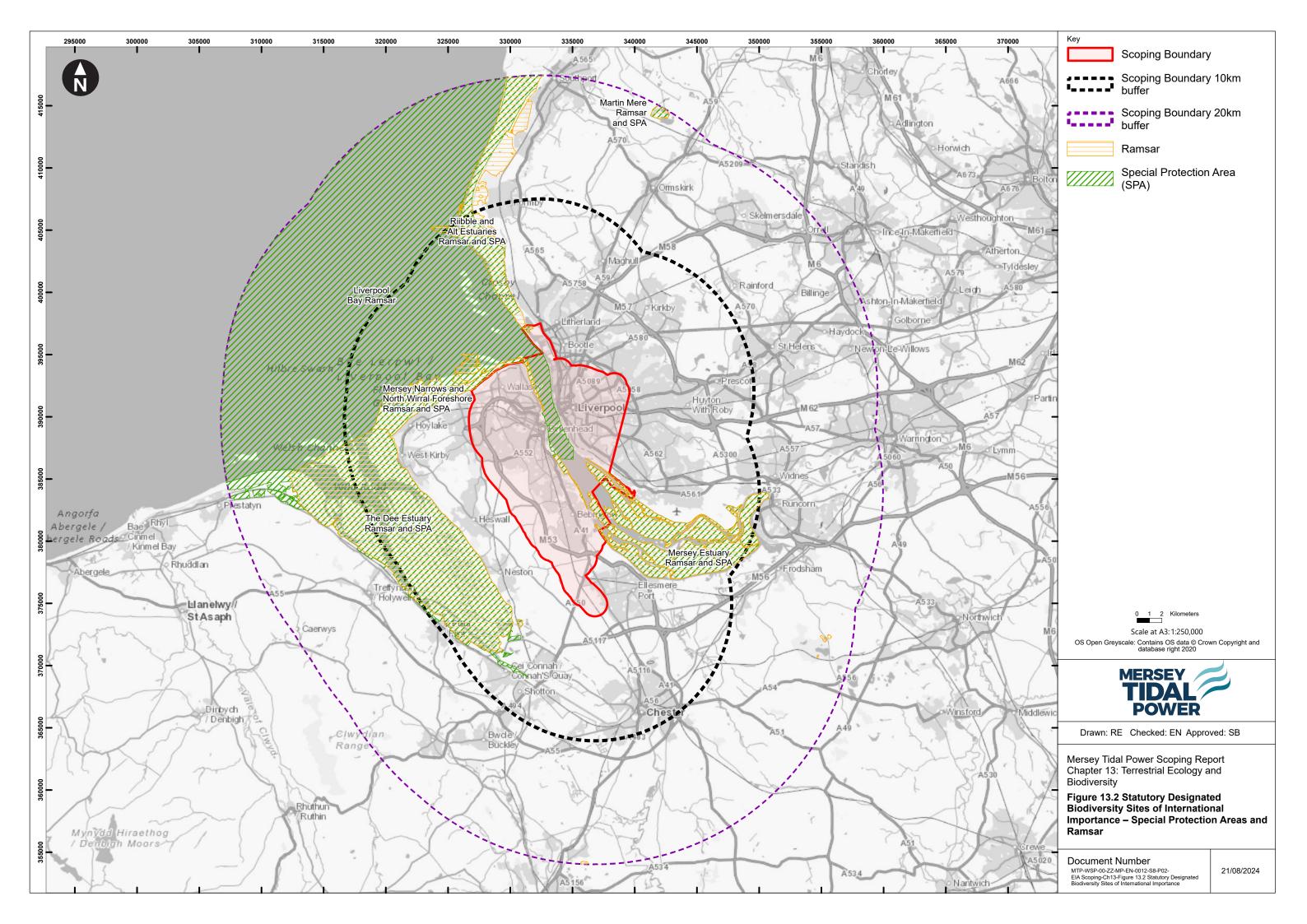


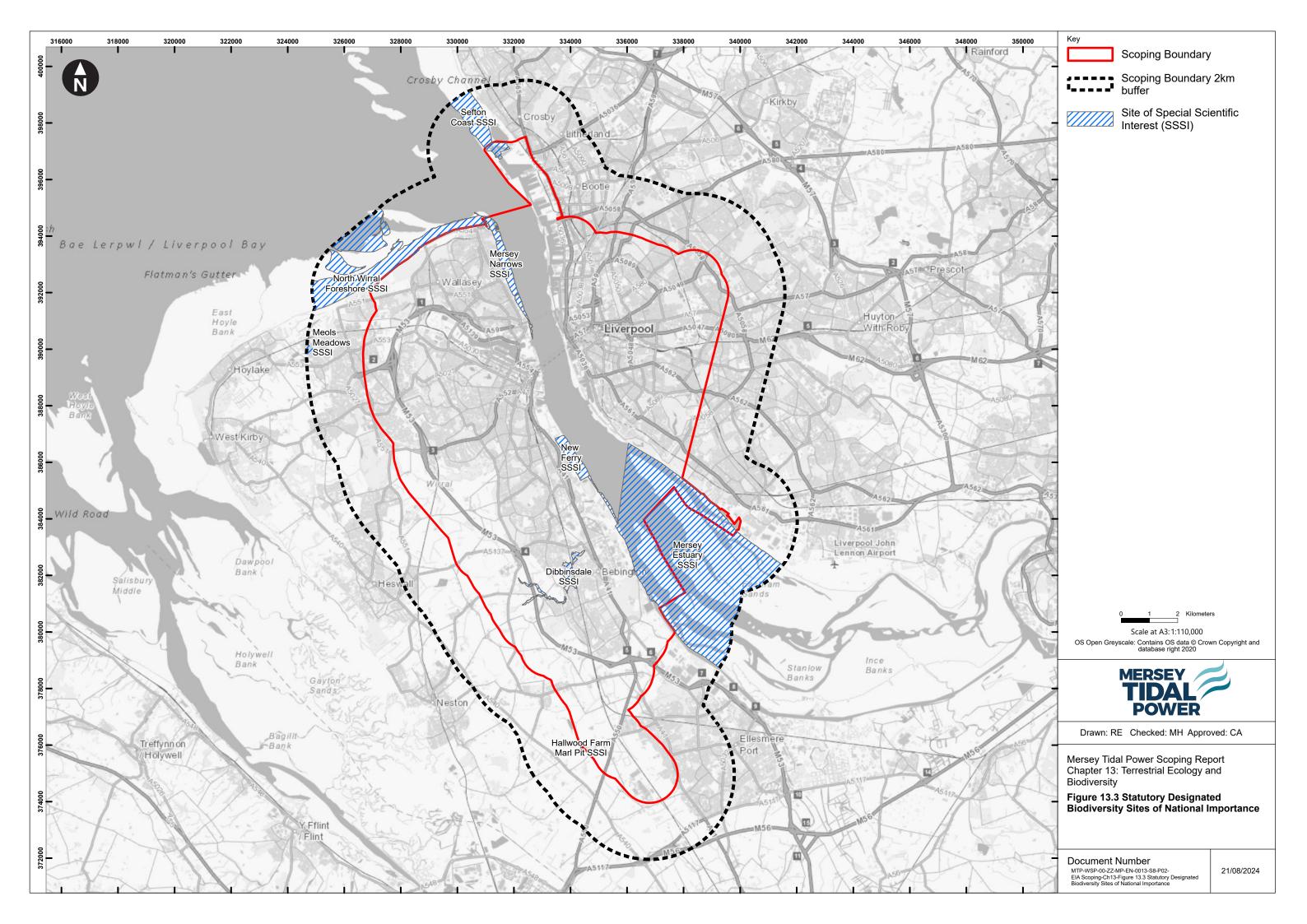


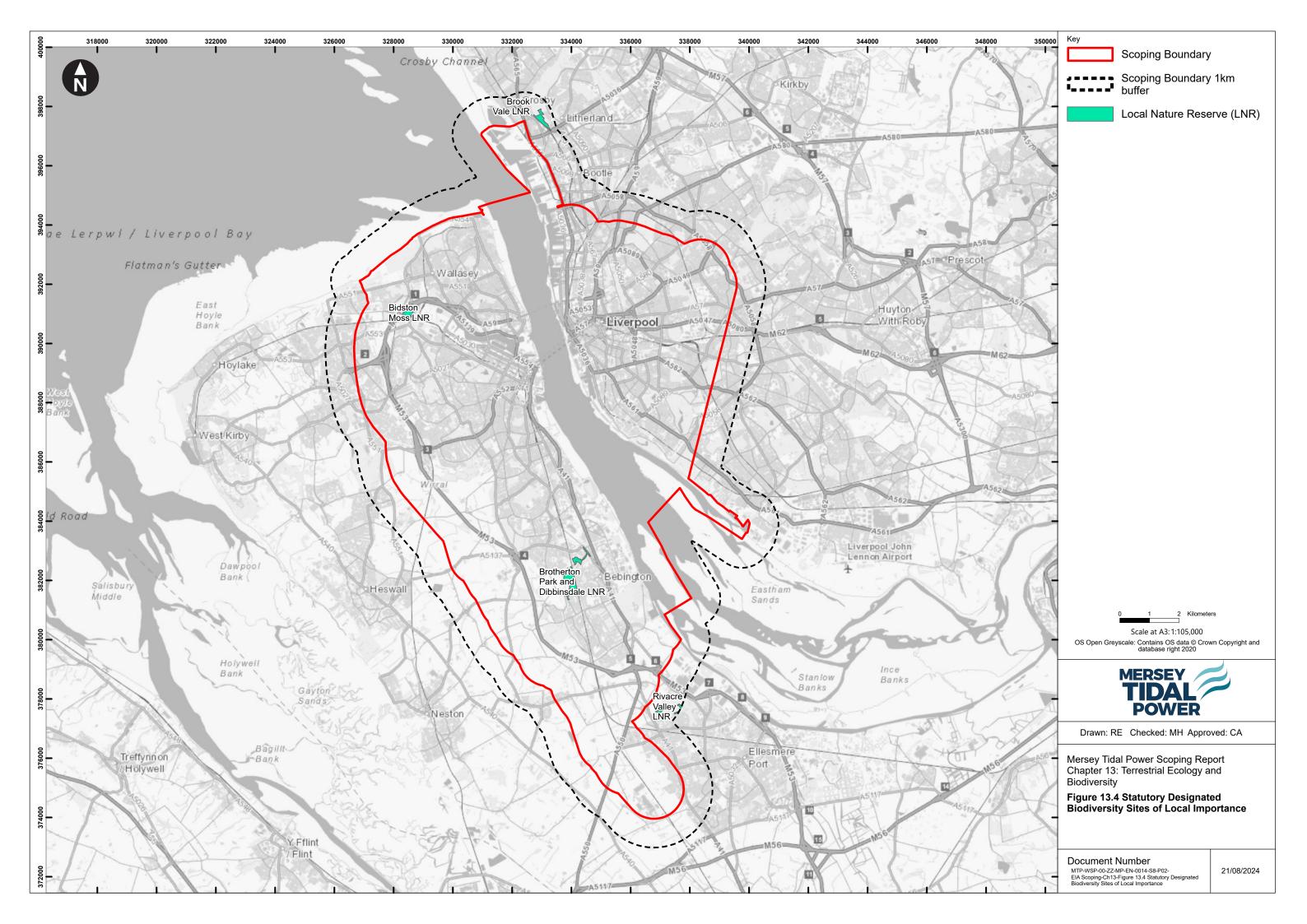


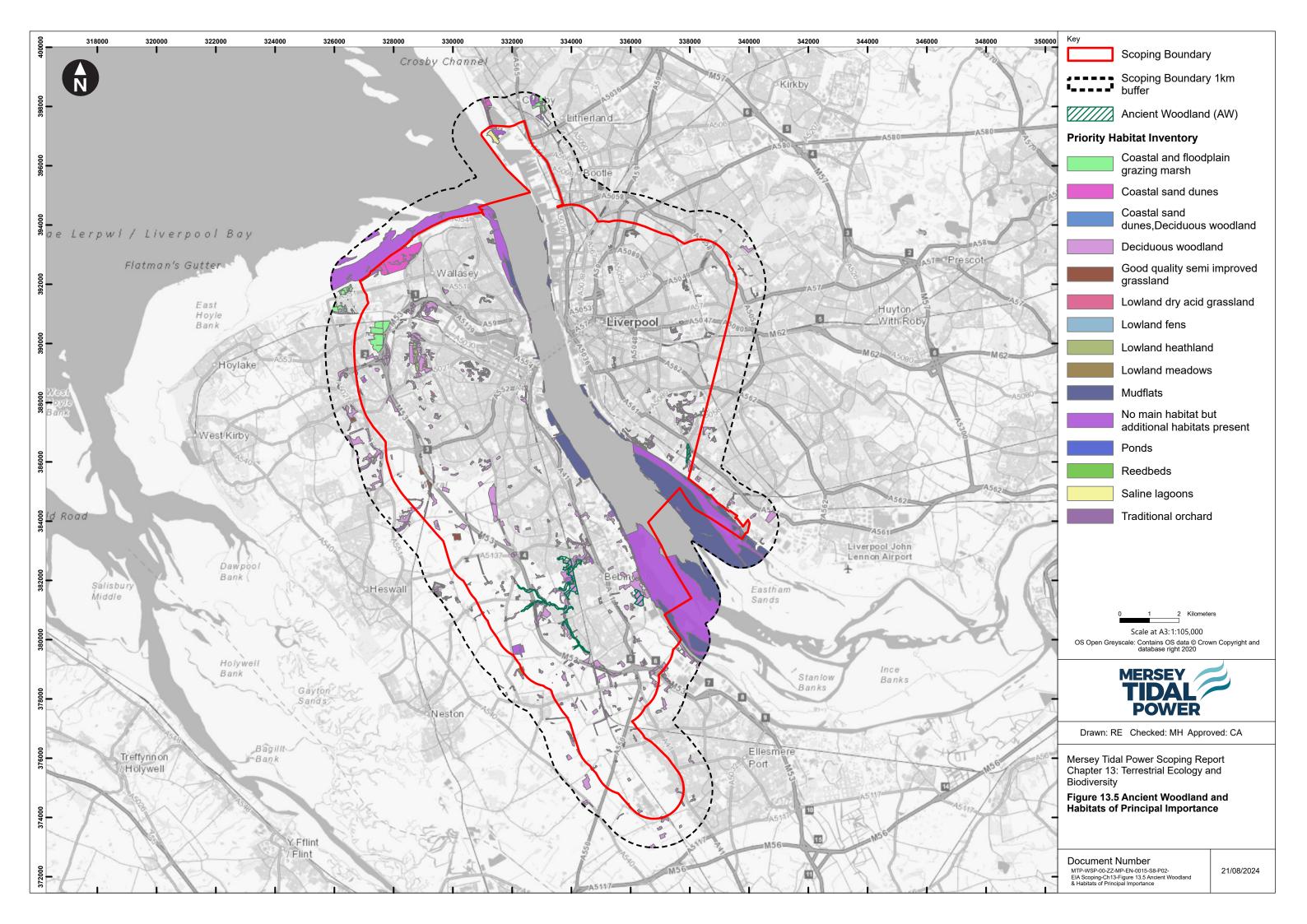














ITS TIME FOR TIDAL