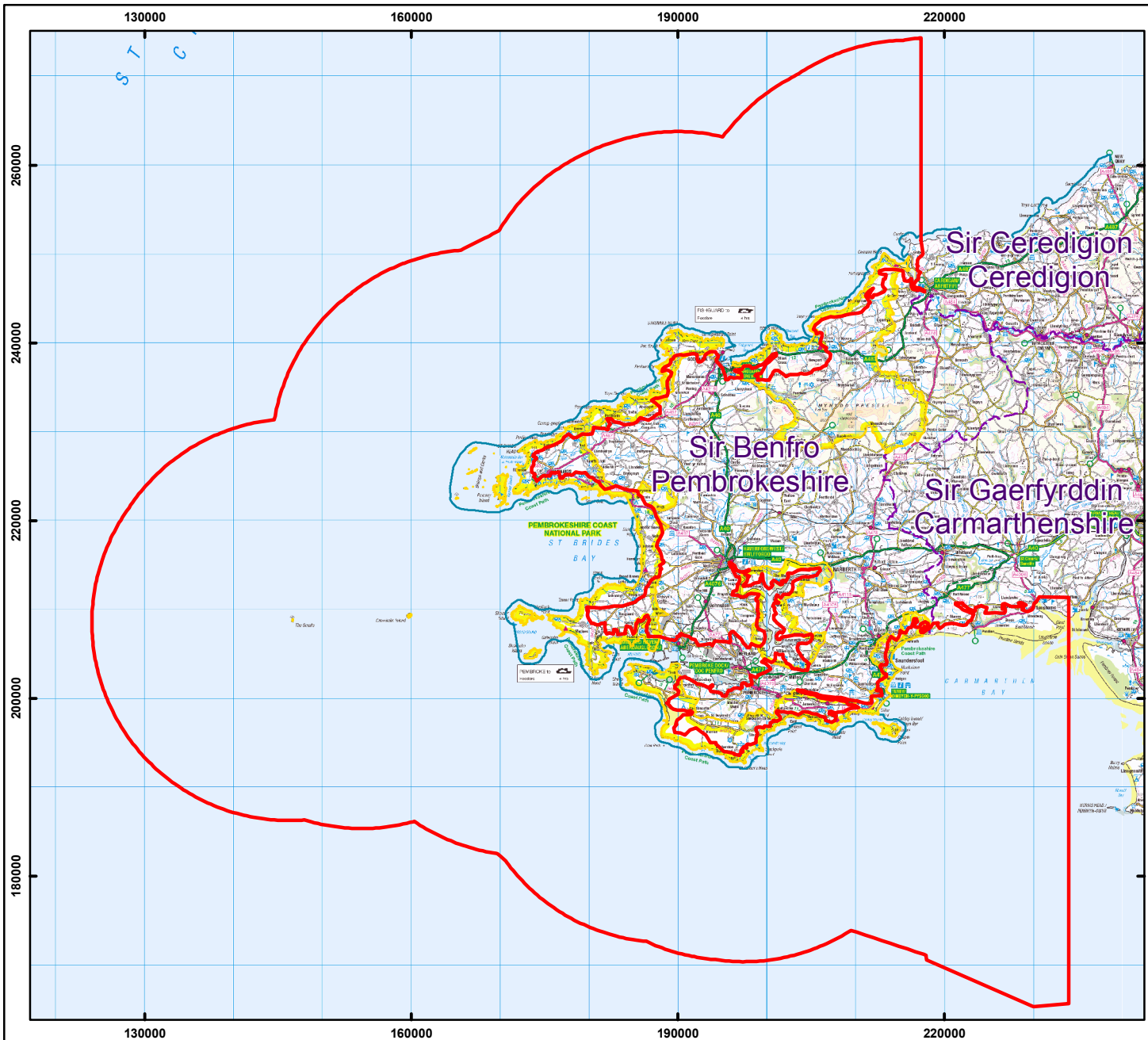


Summary Figures

FIGURES

Figure 1	Study area
Figure 2	Bathymetry and topography
Figure 3	Geology
Figure 4	Wave climate
Figure 5	Intervisibility of land with sea
Figure 6	Landscape character and regional seascape character units
Figure 7	Biodiversity and Geological designations
Figure 8	Heritage
Figure 9	Fishing
Figure 10	Recreational activity- marine
Figure 11	Recreational activity- coast
Figure 12	Access
Figure 13	Commercial and military activities
Figure 14	Seascape Character Types
Figure 15	Seascape Character Areas



Key

- Study Area
- Pembrokeshire Coast National Park
- Administrative Boundary
- Heritage Coast

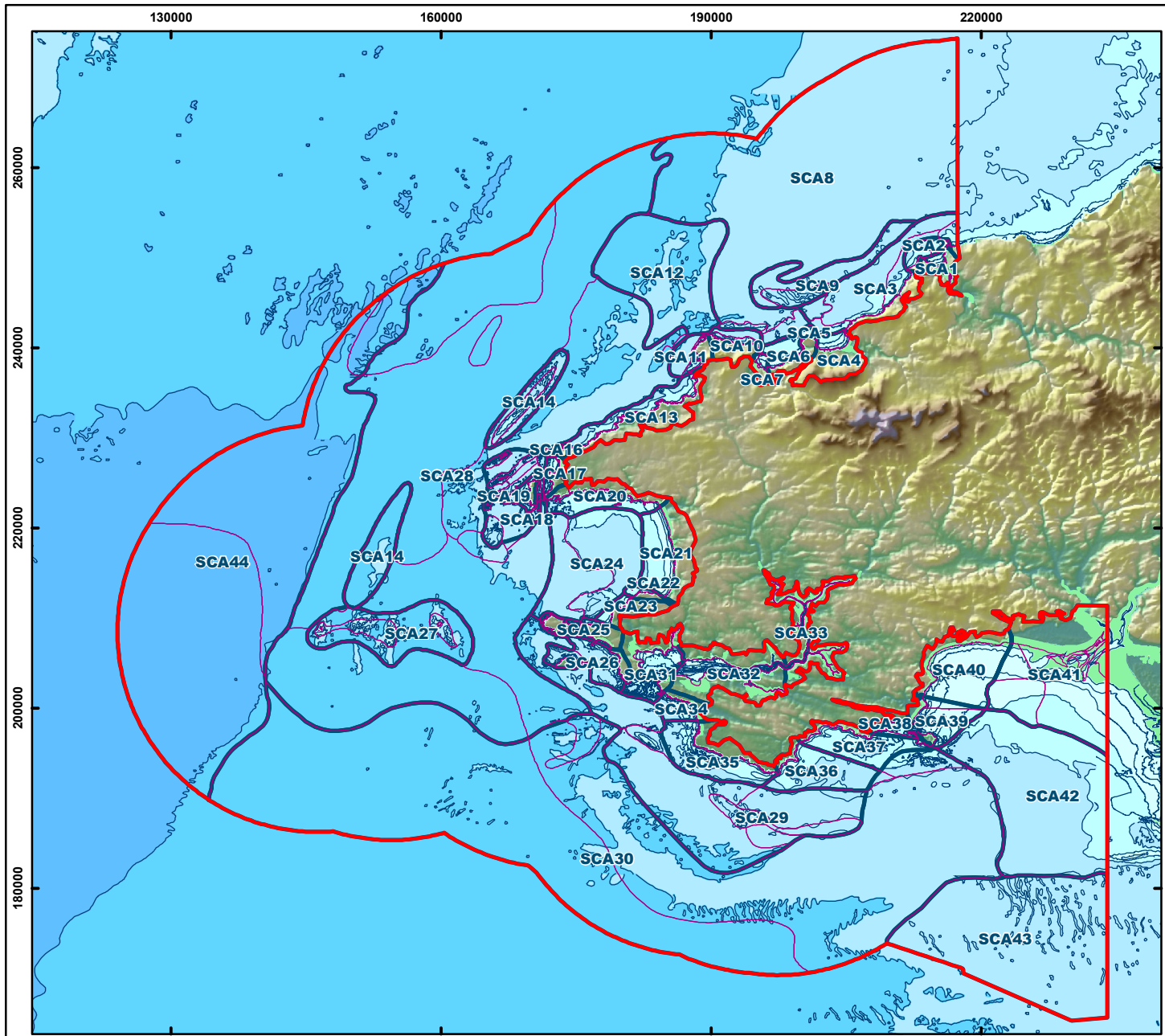
Supplementary Planning Guidance:
Seascape Character Assessment December
2013



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Seascape Character Assessment
Client: PCNPA/CCW
Date: 23/04/2013

Figure 1: Study Area



Key

- Study Area
- Seascape CharacterTypes- marine
- Seascape Character Areas

Depth Areas

- Drying
- <=10m
- <=20m
- <=50m
- <=100m
- <=500m

Elevation (metres)

High : 526.43

Low : 0

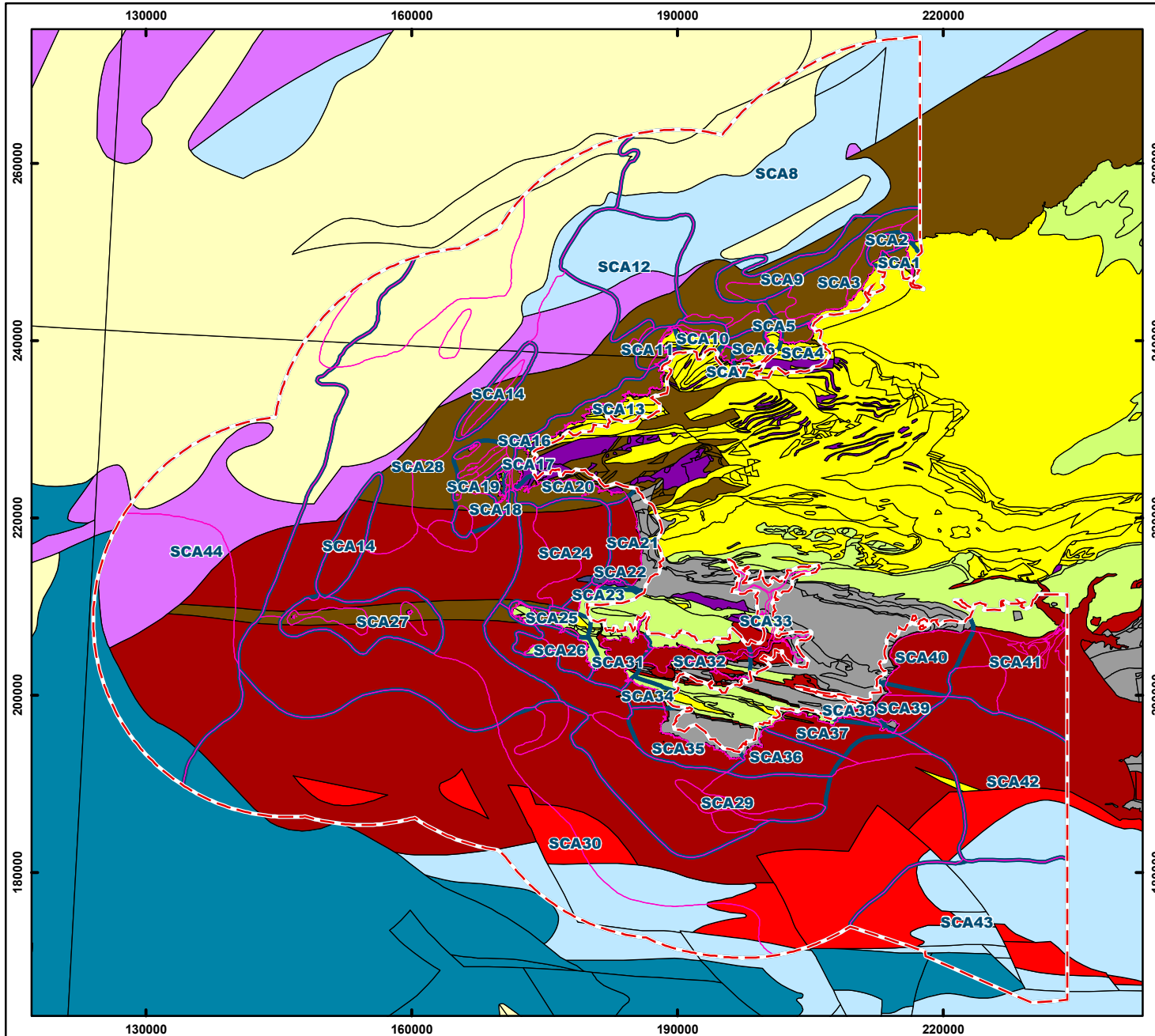


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 Date: 23/04/2013

Figure 2: Bathymetry & Topography



Key

- Study Area
 - Seascape Character Types - marine
 - Seascape Character Areas
- Bedrock Offshore**
- PALAEOGENE
 - CRETACEOUS
 - JURASSIC
 - TRIASSIC
 - PERMIAN
 - DEVONIAN
 - ORDOVICIAN
 - CAMBRIAN
 - PRECAMBRIAN UNDIFF
- Bedrock Onshore**
- CARBONIFEROUS
 - DEVONIAN
 - SILURIAN
 - ORDOVICIAN
 - CAMBRIAN
 - IGNEOUS INTRUSION

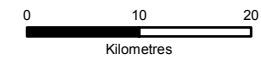


Figure 3a: Geology and Seabed Geology

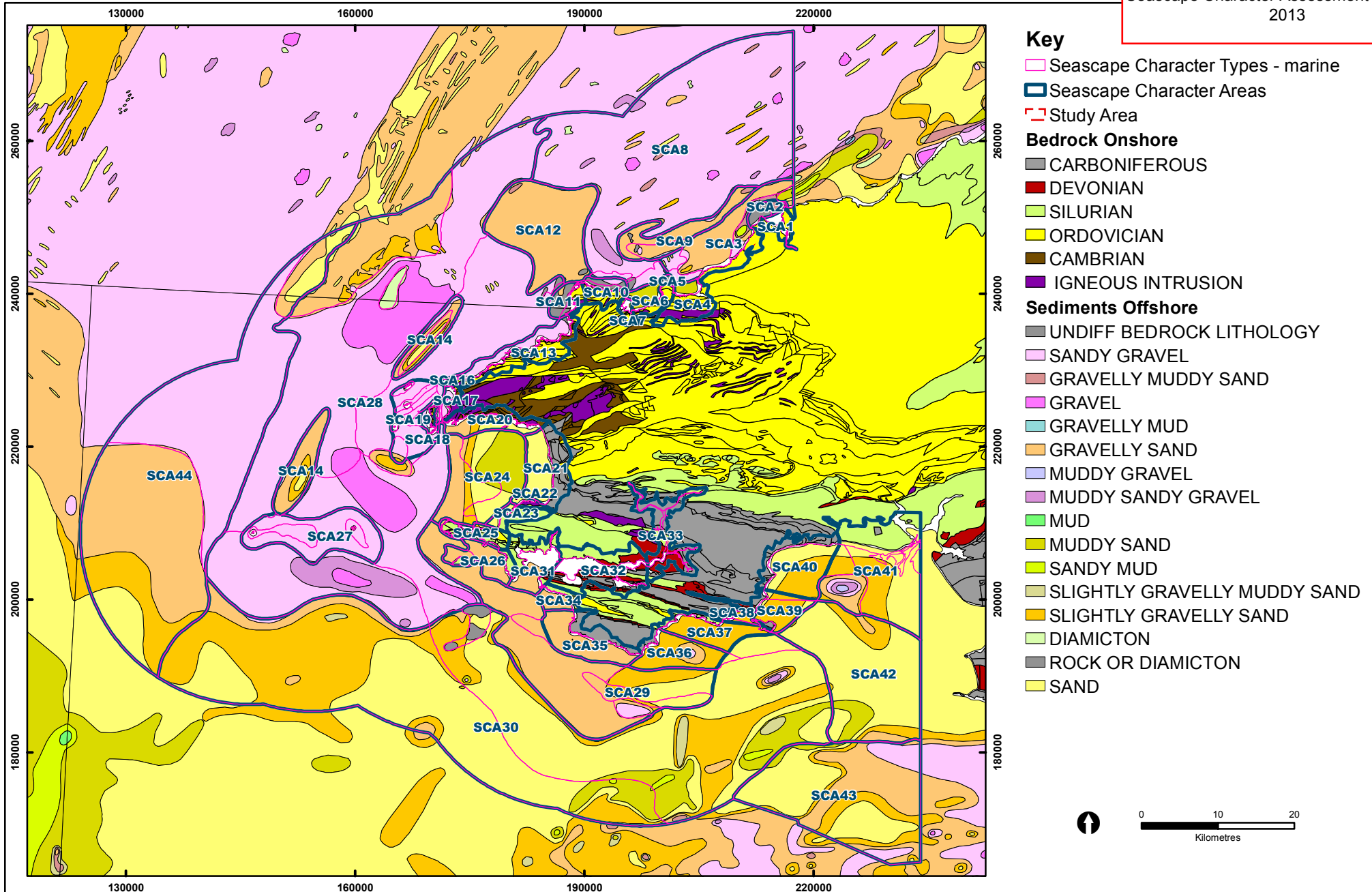


Figure 3b: Geology and Seabed Sediments

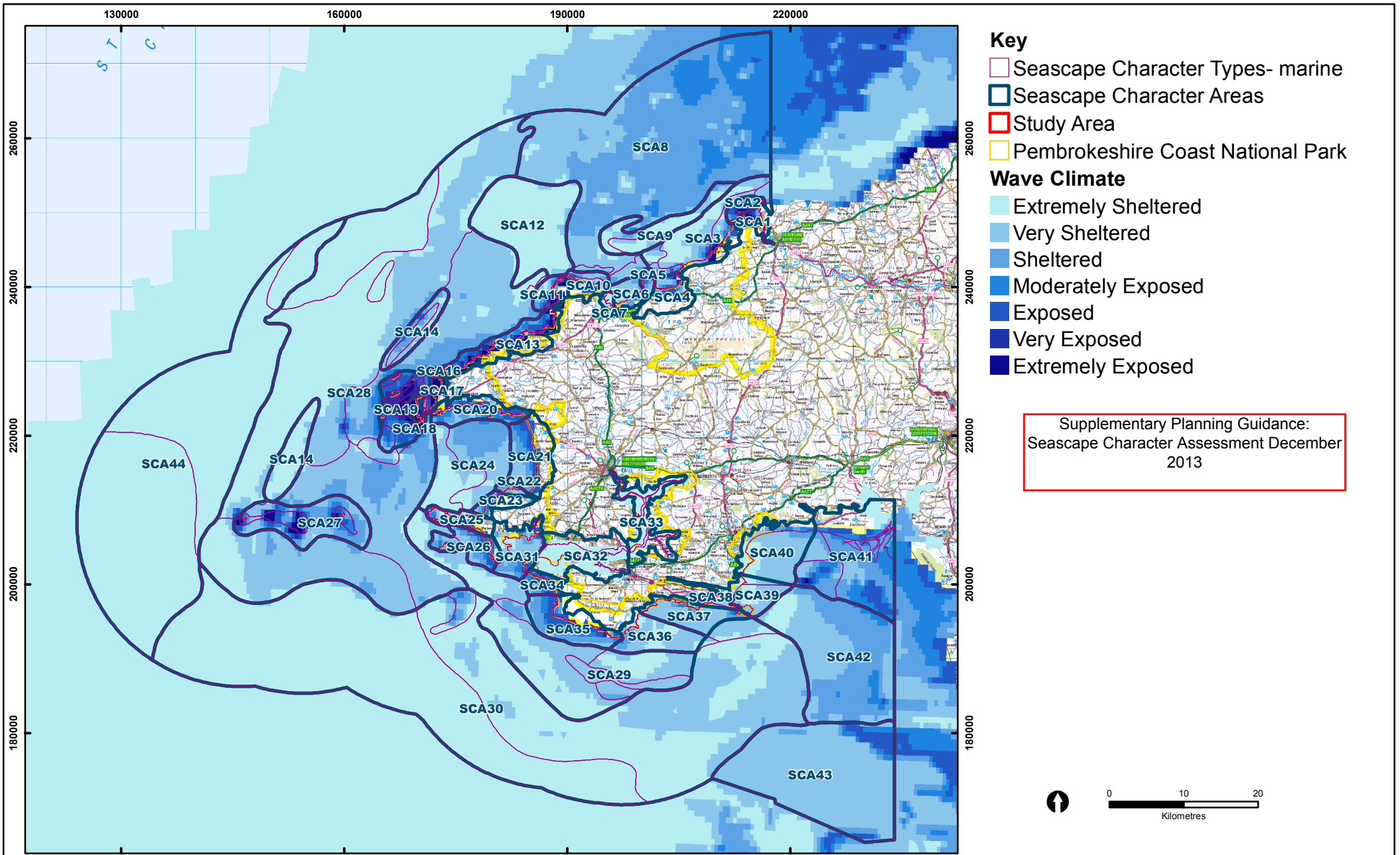


Figure 4: Wave Climate

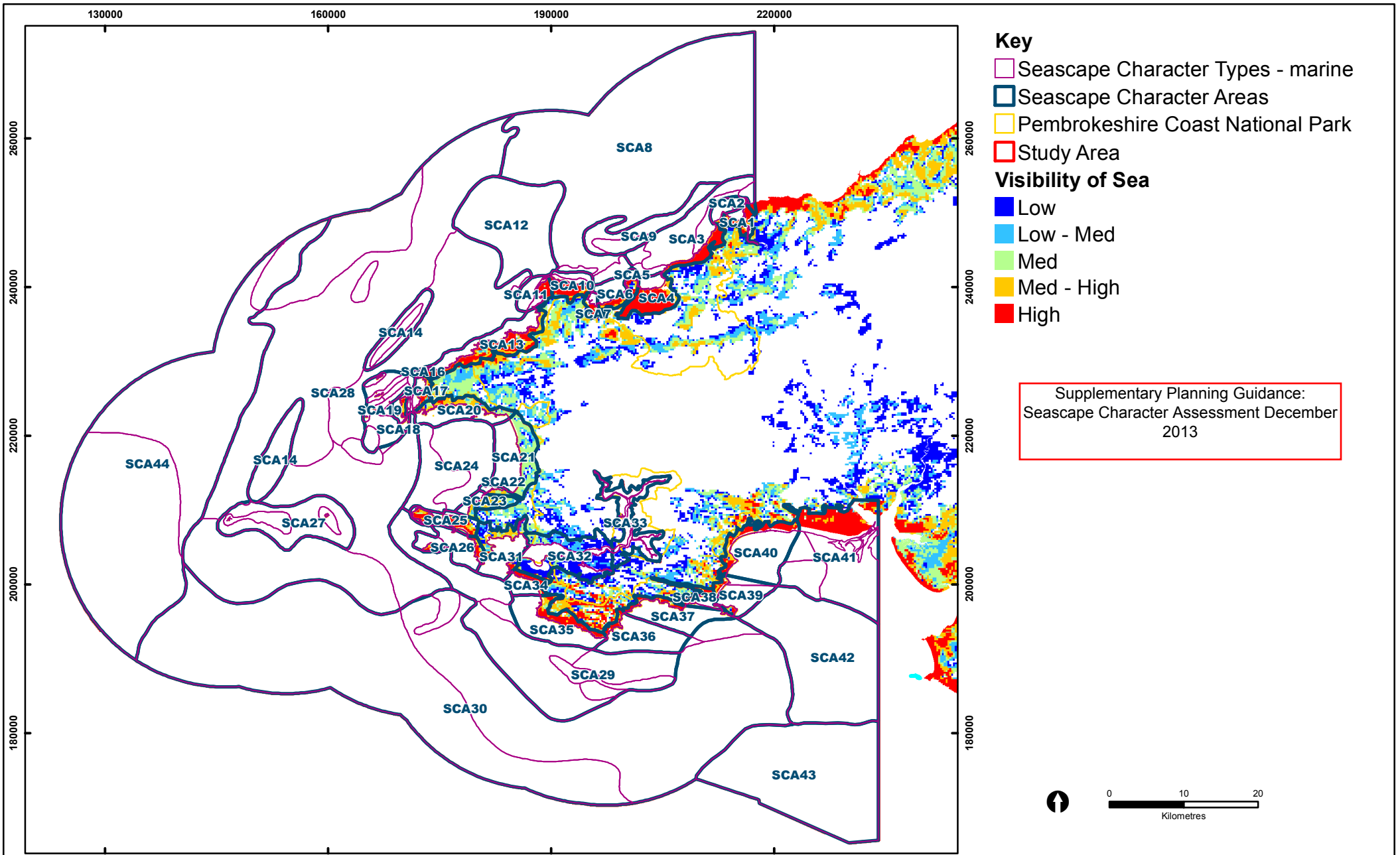
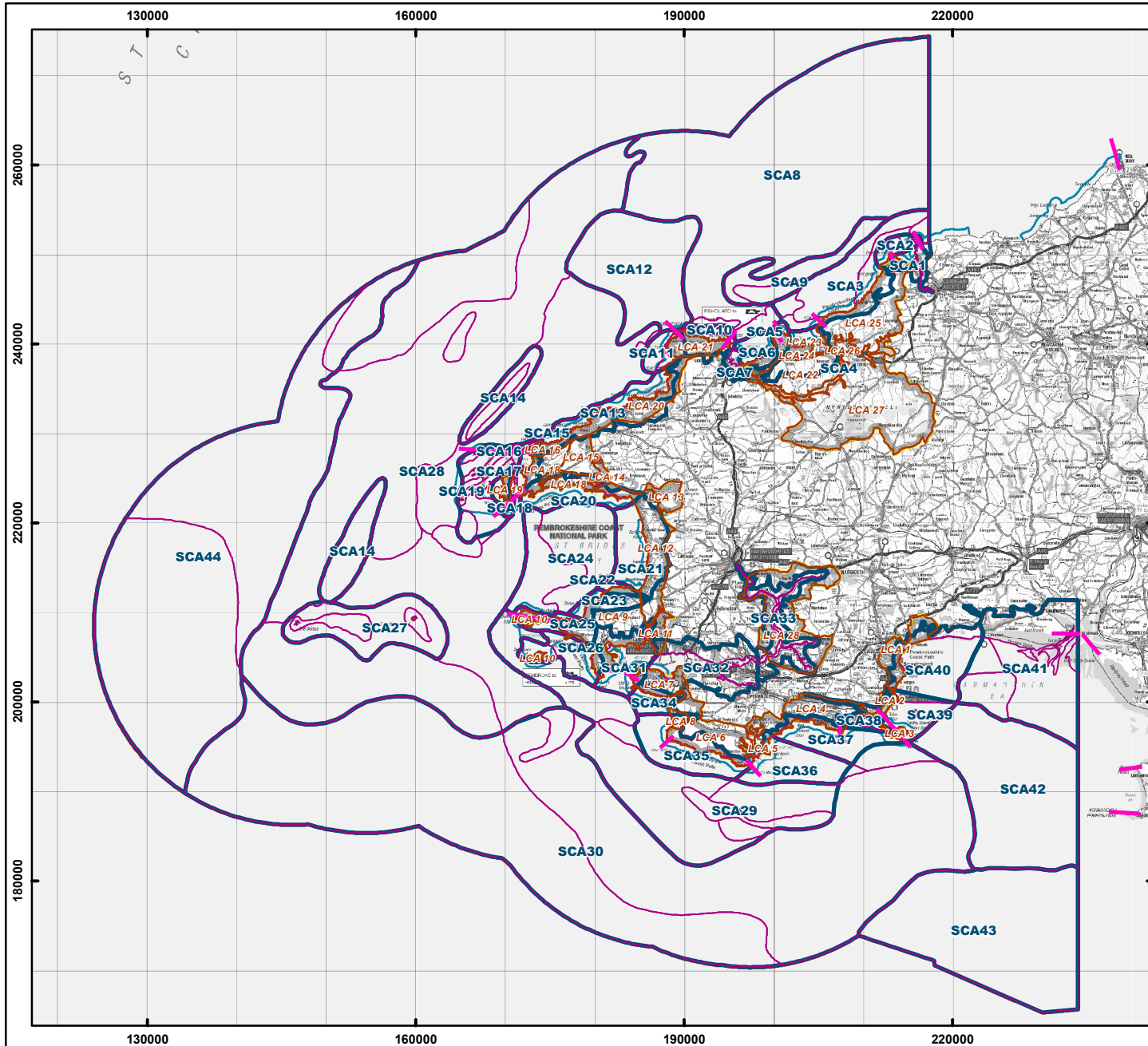


Figure 5: Intervisibility of land with the sea



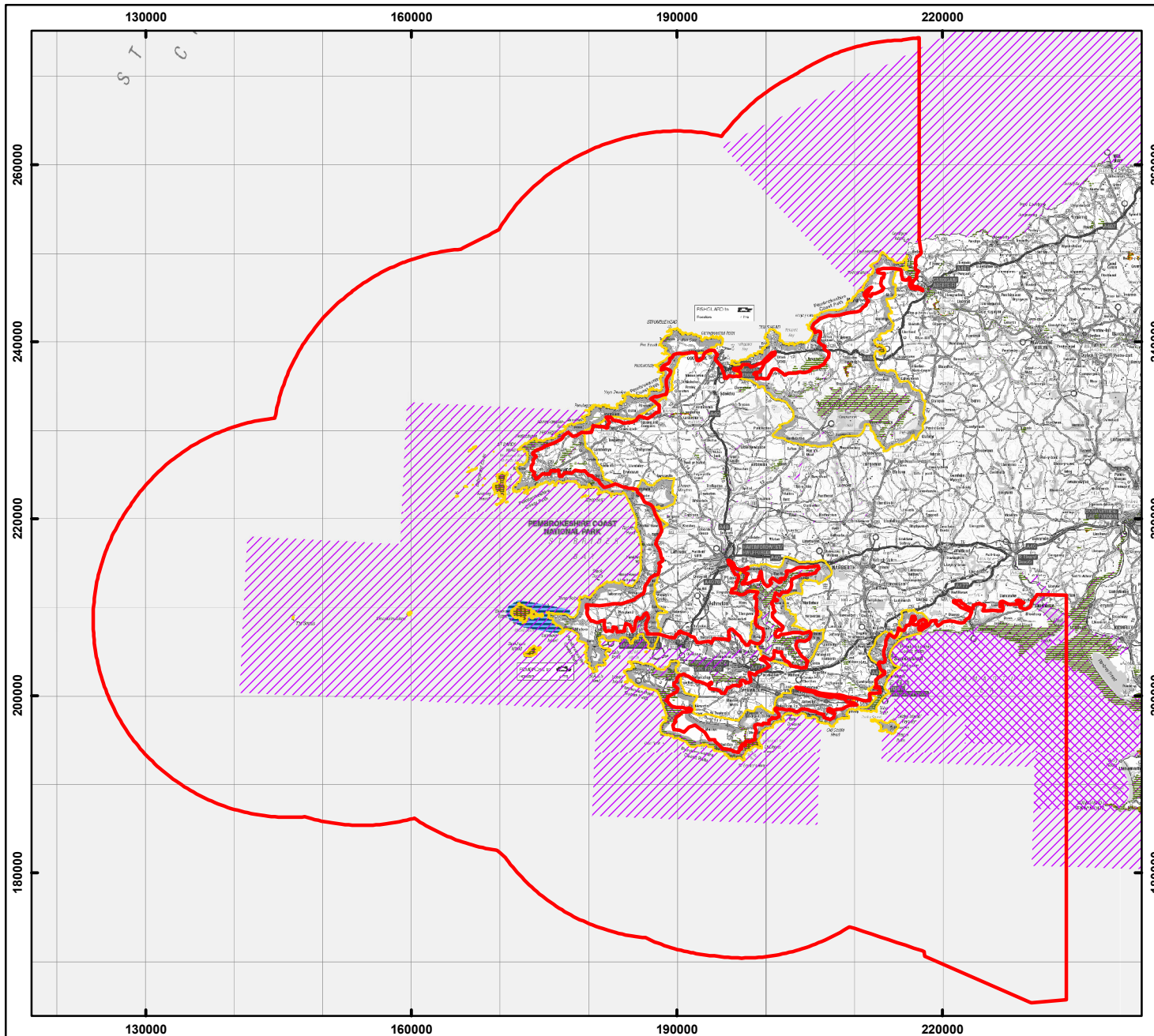
Key

- Regional Seascape Boundary
- Seascape Character Types - marine
- Seascape Character Areas
- Pembrokeshire Coast National Park
- Study Area
- Heritage Coast
- PNCP Landscape Character Areas

LCA Code	LCA Name
LCA 1	Saundersfoot settled coast
LCA 2	Tenby
LCA 3	Caldey Island
LCA 4	Manorbier/Freshwater East
LCA 5	Stackpole
LCA 6	Castlemartin/Merrion Ranges
LCA 8	Freshwater West/Brownslade Burrows
LCA 7	Angle Peninsula
LCA 9	Marloes
LCA 10	Skomer & Skokholm
LCA 11	Herbrandston Refinery Fringe
LCA 12	St Brides Bay
LCA 13	Brandy Brook
LCA 14	Solva Valley
LCA 15	Dowrog & Tretio Commons
LCA 16	Carn Llidi
LCA 17	St Davids
LCA 18	St Davids Headland
LCA 19	Ramsey Island
LCA 20	Trefin
LCA 21	Pen Caer/Strumble Head
LCA 22	Mynydd Carningli
LCA 23	Newport
LCA 24	Dinas Head
LCA 25	Cemaes Head
LCA 26	Ow m Gw aun/Afon Nyfer
LCA 27	Mynydd Preseli
LCA 28	Daugleddau



Figure 6: Landscape Character and Regional Seascape Units



Key








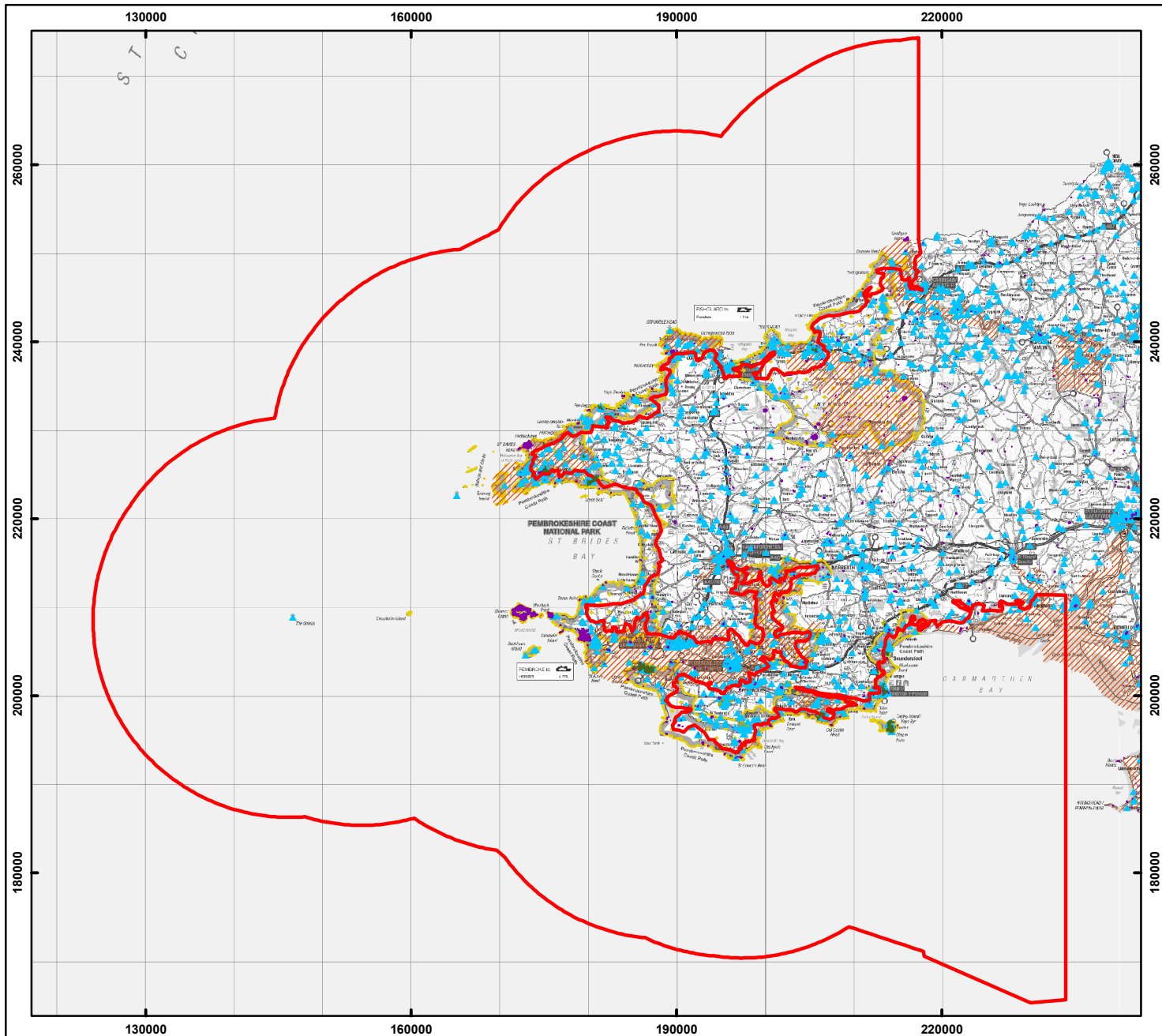
-  Study Area
-  Pembrokehead Coast National Park
-  Site of Special Scientific Interest (SSSI)
-  Special Protection Area (SPA)
-  Special Area of Conservation (SAC)
-  Marine Nature Reserve (MNR)
-  National Nature Reserve (NNR)



Figure 7: Biodiversity and Geological Designations



- Key**
- Study Area
 - Pembroke Coast National Park
 - Scheduled monuments
 - ▲ Cadw listed buildings
 - Landscape of historic interest
 - Historic Parks & Gardens
 - PCNP Conservation Area

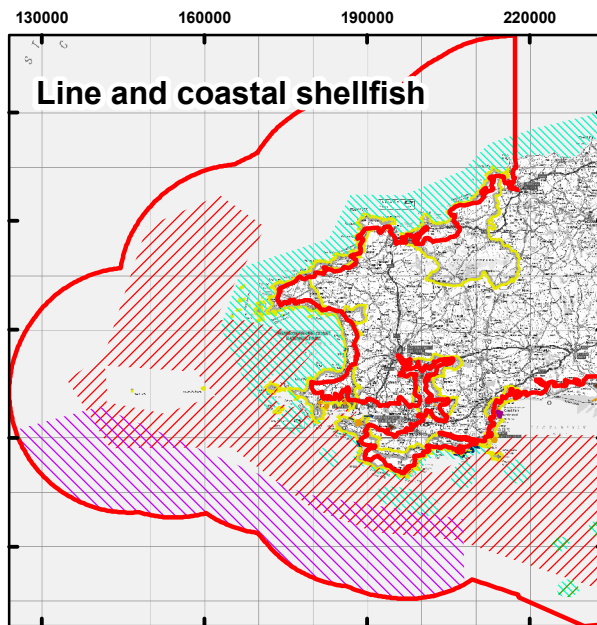
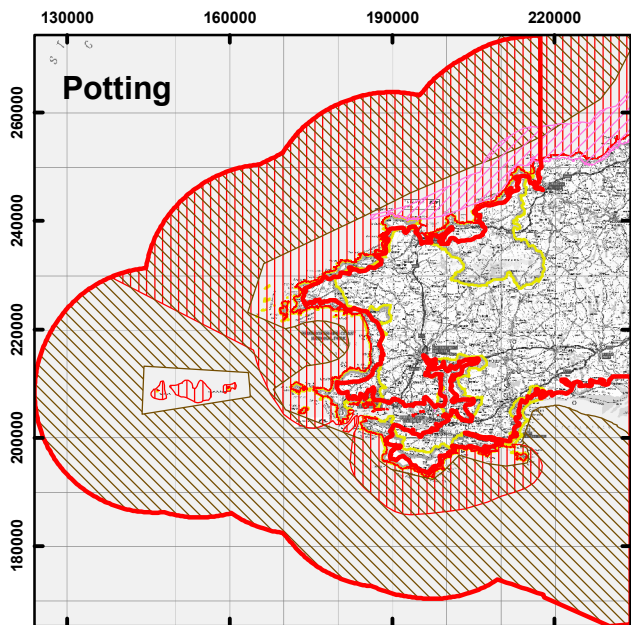
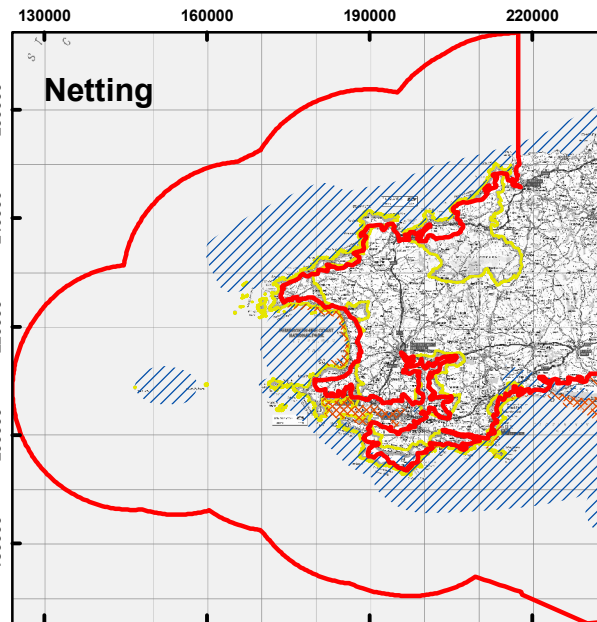
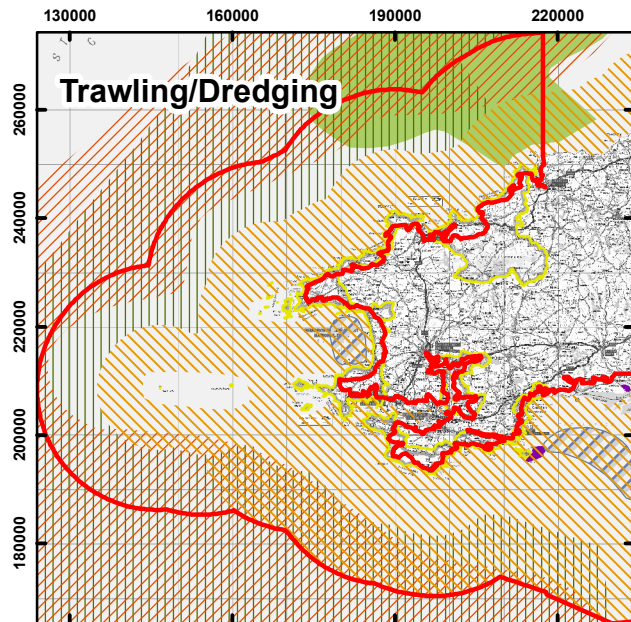


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Figure 8: Heritage



Key

- Study Area
- Pembrokeshire Coast National Park
- Trawling/Dredging**
- Type 1a Heavy Beam Trawling
- Type 1b Scallop Dredging (King and Queen Scallops)
- Type 1c Scallop Dredging (Queen Scallops)
- Type 3a Mussel Seed Dredging
- Type 4a Otter Trawl
- Type 5a Light Otter Trawl
- Type 5b Light Beam Trawling
- Type 5c Shrimp Trawling
- Type 6a Hydraulic Dredging

Netting

- Type 8b Set Nets
- Type 8c Beach Nets
- Type 8d Beach Seining

Potting

- Prawn
- Whelk
- Lobster & Crab

Line fishing and coastal shellfish

- Type 7a Handlines
- Type 7b Commercial Rod and Line
- Type 7c Drift Lines
- Type 8a Longlines
- Type 11a Hand Gathering-Cockles
- Type 11b Hand Gathering-Mussels
- Type 11c Hand Gathering-Periwinkles
- Type 11d Hand Gathering-Razor Clams

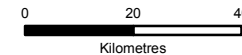
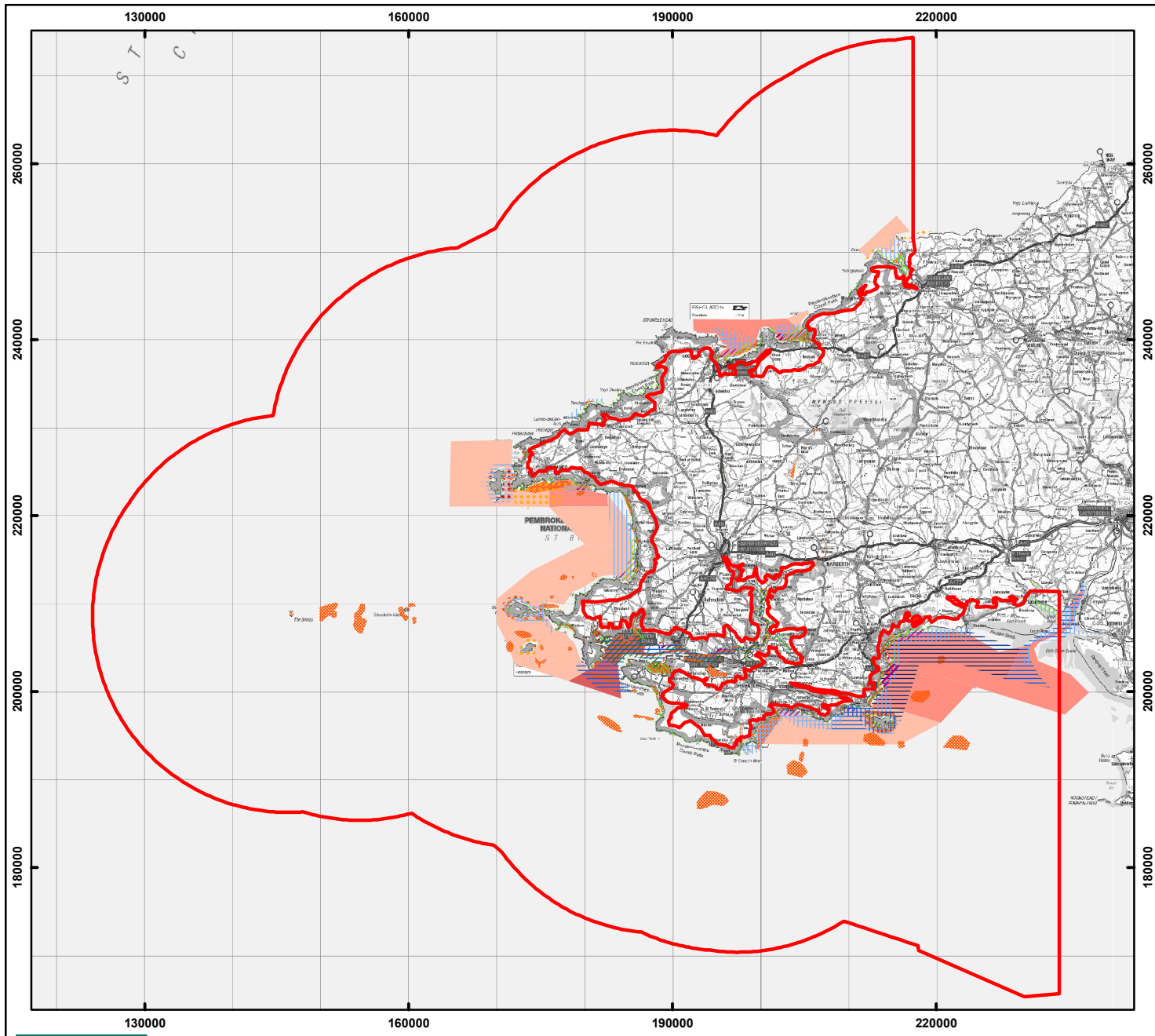
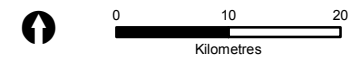


Figure 9: Fishing



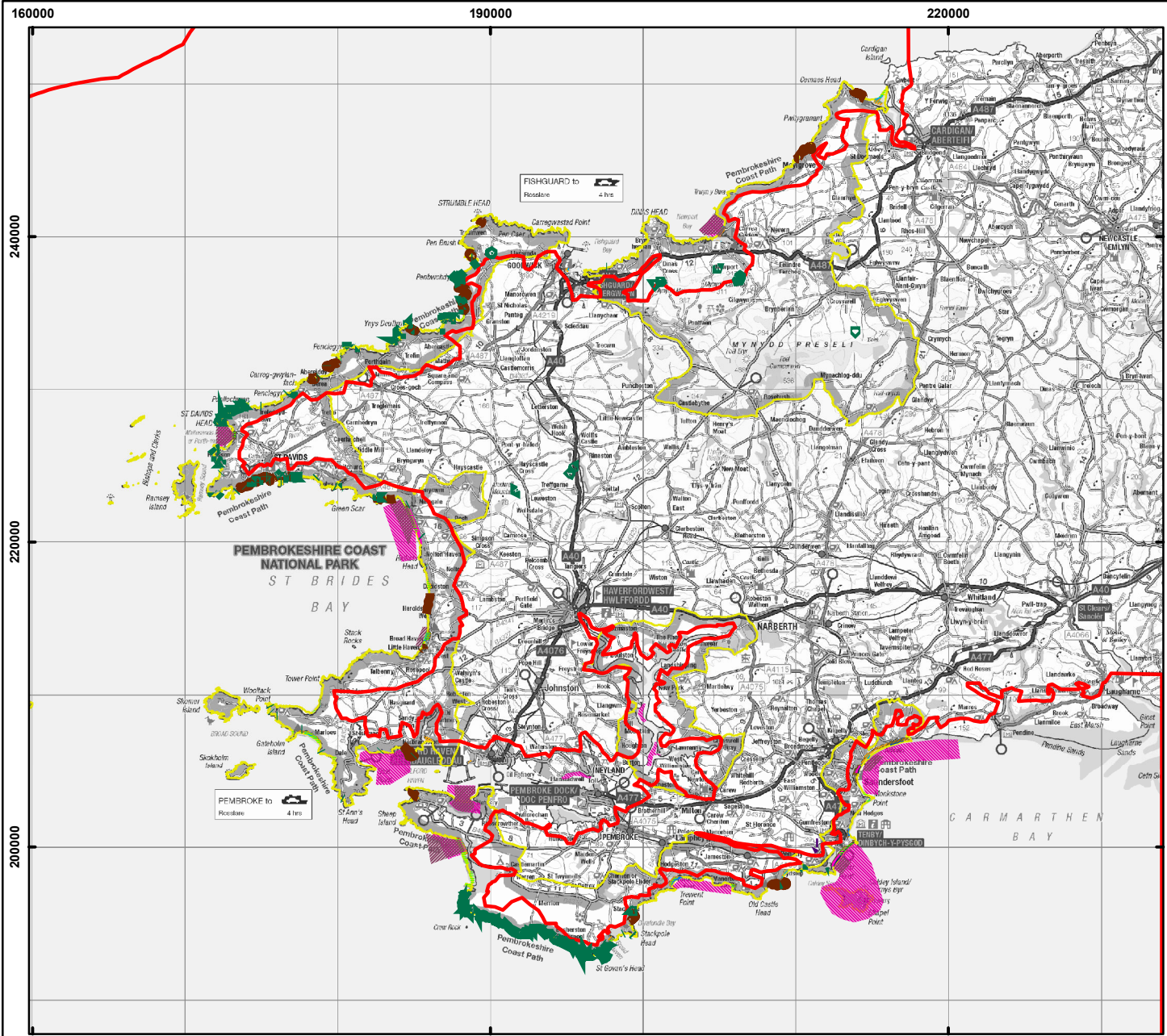
- Key**
- Study Area
 - sea angling
 - Rowing**
 - low - med
 - med - high
 - kayaking**
 - low
 - med
 - high
 - dinghy sailing**
 - low - med
 - med - high
 - jet ski**
 - low
 - med
 - high
 - power boats**
 - low
 - med
 - high
 - wildlife boat trips**
 - low
 - med
 - high
 - cruiser sailing**
 - low
 - med
 - high



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Figure 10: Recreational Activity - Marine



Key

- Study Area
- Pembrokeshire Coast National Park

Beach activities

- Very Low
- Low
- Medium
- High
- Very High

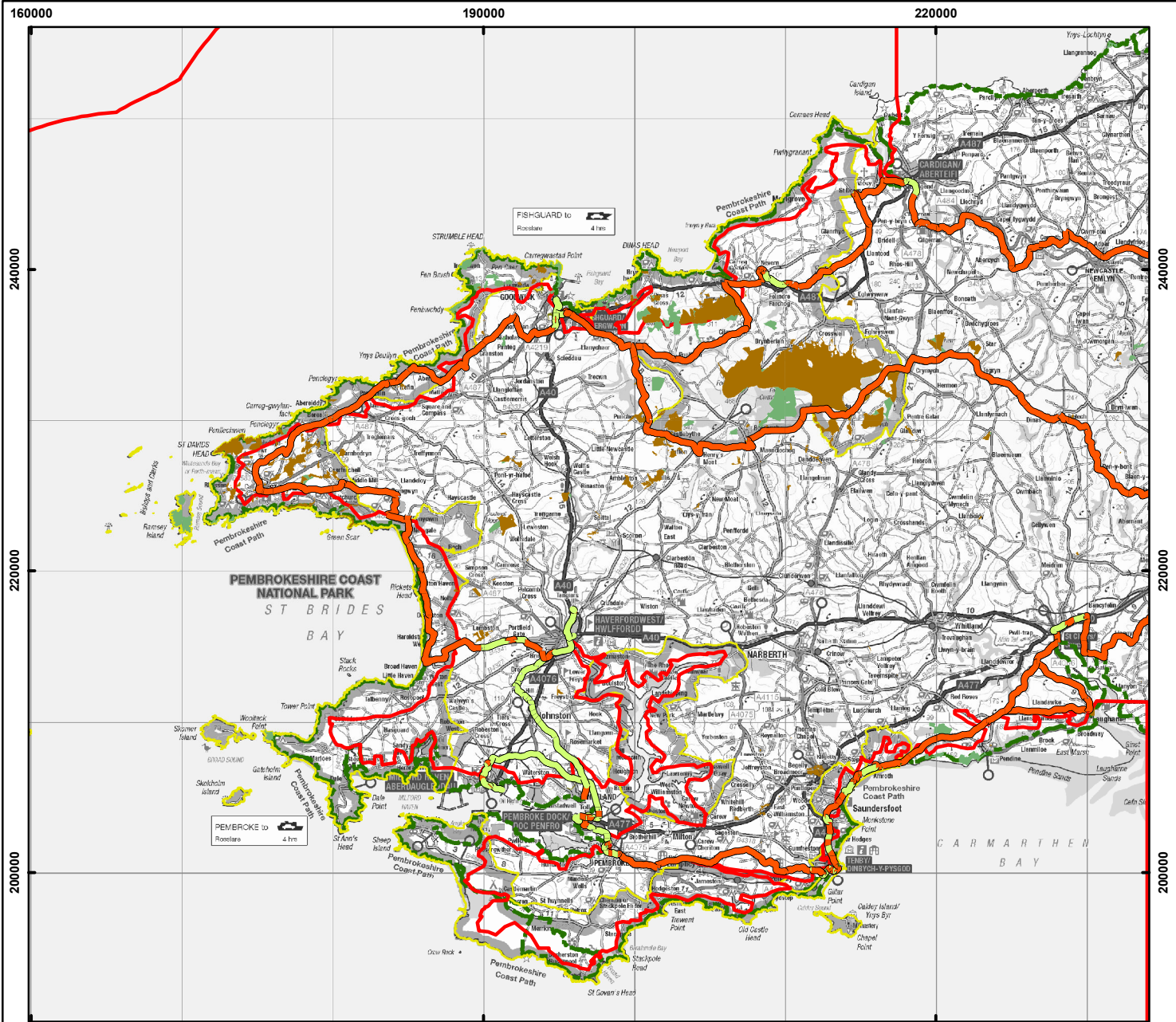
Swimming

- Very Low
- Low
- Medium
- High
- Very High

- Kite surfing
- Land yachting
- Surfing
- Windsurfing
- Caving & potholing
- Climbing
- Coasteering



**Figure 11: Recreational
Activity - Coast**



Key

- Pembrokehead Coast National Park
- Study Area
- CRoW Access
- Registered Common Land
- Other Common Land
- Pembrokehead Coast Path National Trail (part of the Wales Coast Path)

National Cycle Route

- Off Road
- On Road

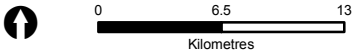
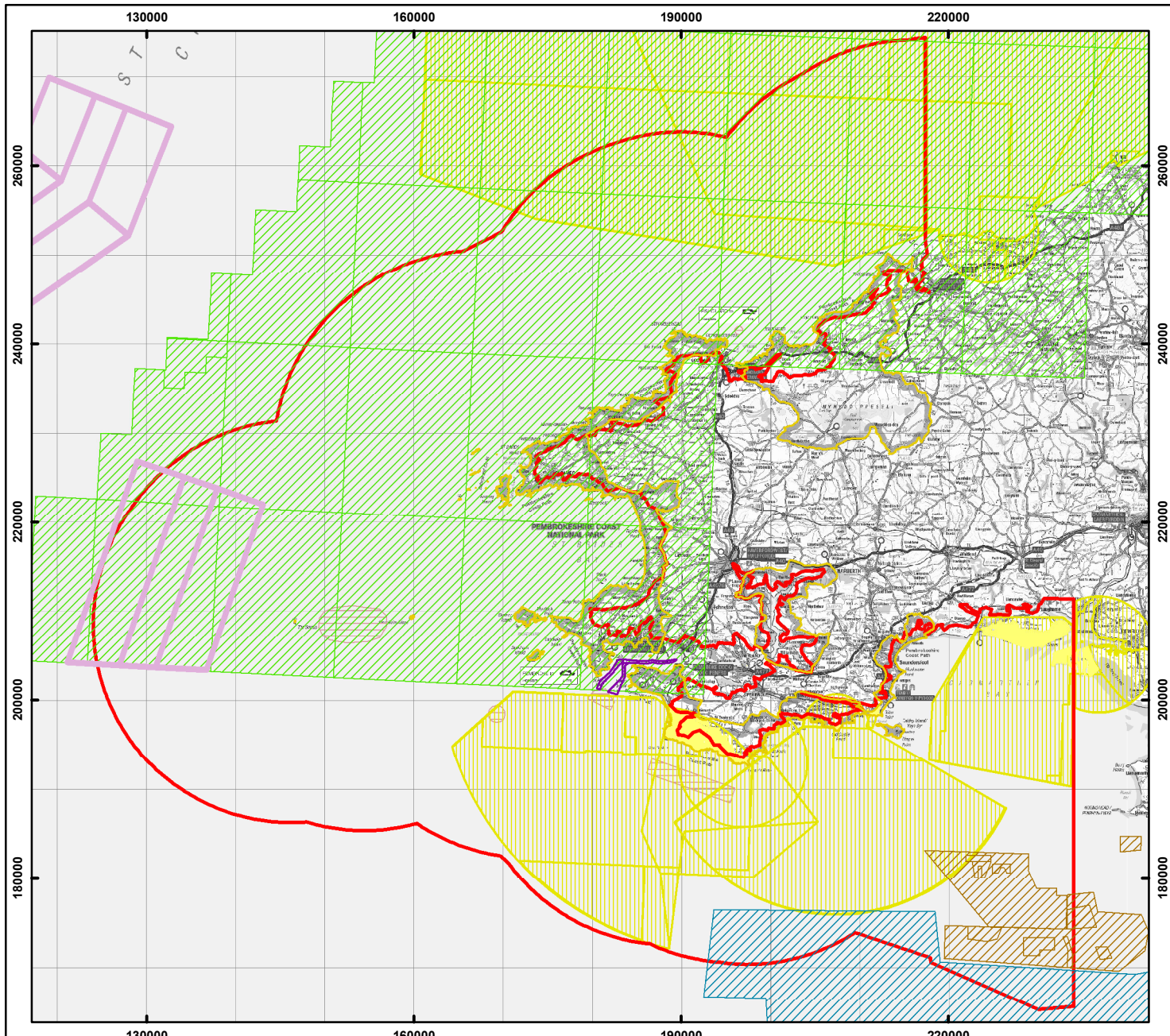


Figure 12: Access



- Key**
- Pembroke Coast National Park
 - Study Area
 - MOD
 - MOD Practice Area
 - Dumping Ground
 - Licenced Dredging Area
 - Oil and Gas Licence Area
 - Licenced Wind Farm Area
 - Traffic Separation
 - Shipping Fairway

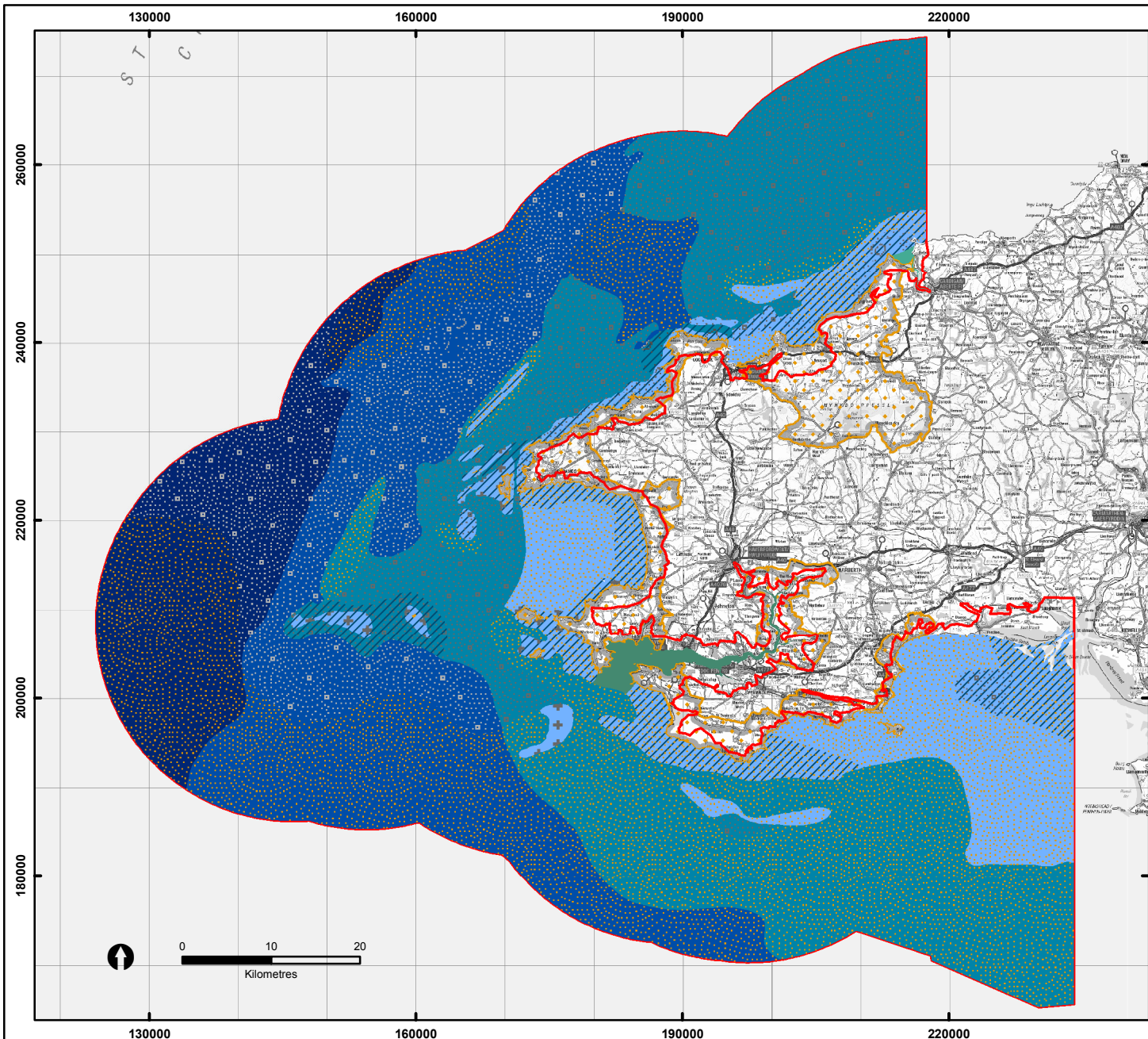


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Figure 13: Commercial and military activities

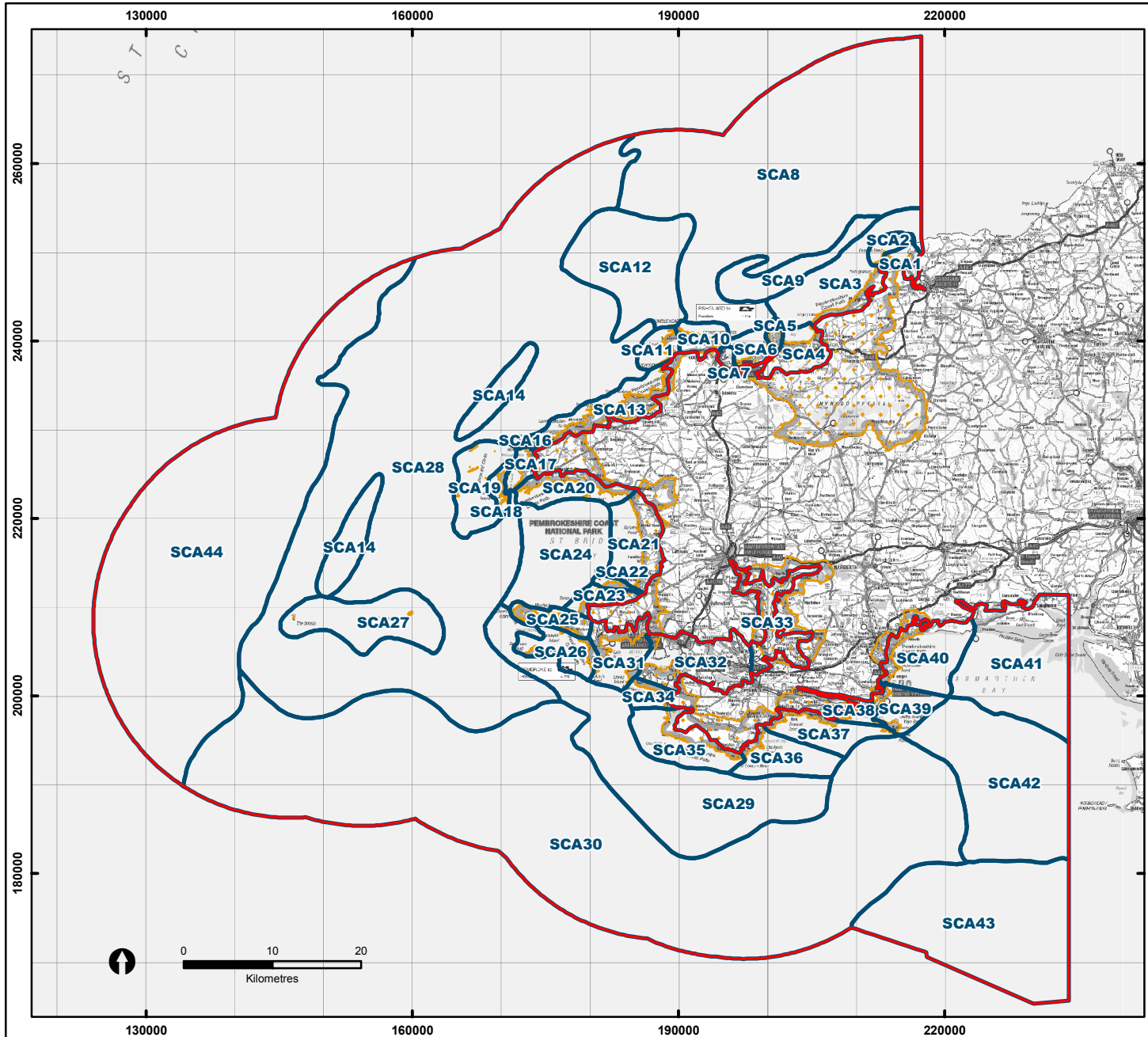


Key

- Study Area
- Pembrokeshire Coast National Park
- Tidal channels, estuary
- Tidal channels, ria
- Shallow, rock, low wave stress
- Shallow, rock, high wave stress
- Shallow, conglomerate, high wave stress
- Shallow, gravel, low wave stress
- Shallow, gravel, high wave stress
- Shallow, sand, low wave stress
- Shallow, sand, high wave stress
- Shallow, mud, high wave stress
- Medium, conglomerate, high wave stress
- Medium, gravel, low wave stress
- Medium, gravel, high wave stress
- Medium, sand, low wave stress
- Medium, sand, high wave stress
- Deep, conglomerate, low wave stress
- Deep, gravel, low wave stress
- Deep, sand, low wave stress
- Very deep, gravel, low wave stress
- Very deep, sand, low wave stress

Note on types above:
 First term-
 shallow, medium, deep etc refers to depth of water
 Second term-
 rock, gravel, sand etc refers to seabed
 Third term-
 refers to wave climate

**Figure 14: Seascape
 Marine Types**



Key

- Study Area
- Pembrokeshire Coast National Park

SCA_ID	SCA Name
SCA1	Teifi Estuary
SCA2	Cardigan Island and Cemmaes Head
SCA3	Pen y Afr to Pen y Bal
SCA4	Newport Bay
SCA5	Dinas Island
SCA6	Fishguard Bay east
SCA7	Fishguard and Goodwick Harbours
SCA8	North open sea
SCA9	Newport and Fishguard outer sand bar
SCA10	Crincoed Point and Strumble Head
SCA11	Strumble Head to Penbwdchy
SCA12	Strumble Head deep water
SCA13	Penbwdchy to Penllechwen
SCA14	Western sand and gravel bars
SCA15	St Davids Head
SCA16	Whitesands Bay
SCA17	Ramsey Sound
SCA18	Ramsey Island coastal waters
SCA19	Bishops and Clerks
SCA20	St Brides Bay coastal waters north
SCA21	St Brides Bay coastal waters east
SCA22	St Brides Bay coastal waters south - Borough Head
SCA23	St Brides Bay south coastal waters - The Nab Head
SCA24	St Brides Bay
SCA25	Skomer Island and Marloes Peninsula
SCA26	Skokholm and Gateholm coastal waters
SCA27	Grassholm and the Smalls
SCA28	West open sea
SCA29	Southern inshore waters
SCA30	Southern offshore waters
SCA31	Outer Milford Haven
SCA32	Inner Milford Haven
SCA33	Daugleddau
SCA34	Freshwater West
SCA35	Castlemartin coastal waters
SCA36	Stackpole coastal waters
SCA37	Freshwater East and Manorbier
SCA38	Lydstep Haven coastal waters
SCA39	Tenby and Caldey Island
SCA40	Carmarthen Bay west
SCA41	Carmarthen Bay north - Pendine Sands
SCA42	Carmarthen Bay
SCA43	Bristol Channel offshore
SCA44	Western offshore - very deep water

**Figure 15: Seascape
Character Areas**