



**DOGGER BANK
TEESSIDE A & B**


**March
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Environmental Statement Glossary

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Abbreviation	Full
AA	Appropriate Assessment
AADT	Annual Average Daily Traffic
AC	Alternating Current
ADBA	Archaeological Desk Based Assessment
ADCP	Acoustic Doppler Current Profiler
ADD	Acoustic Deterrent Device
AET	Apparent Effect Threshold
AEZ	Archaeological Exclusion Zone
AGDS	Acoustic Ground Discrimination System
AIL	Abnormal Invisible Load
AIP	Aeronautical Information Publication
AIS	Automatic Identification System
AL1	Action Level 1
AL2	Action Level 2
ALARP	As Low as Reasonably Practicable
ALB	All-weather Lifeboat
ALC	Agricultural Land Classification
ALE	Abnormal Load Engineering Limited
AMAAA	Ancient Monuments and Archaeological Areas Act 1979
AMSL	Above Mean Sea Level

Abbreviation	Full
ANO	Air Navigation Order
AONB	Area of Outstanding Natural Beauty
AP	Aerial Photograph
AQAP	Air Quality Action Plan
AQMA	Air Quality Management Area
AQMAU	Air Quality Modelling & Assessment Unit
ASCOBANS	Agreement on the Conservation of Small Cetaceans of the Baltic and North Seas
ATC	Air Traffic Control
AtoN	Aids to Navigation
ATS	Air Traffic Service
ATSU	Air Traffic Service Unit
AW	Ancient Woodland
B	Magnetic Field
BAC	Background Assessment Concentrations
BAP	Biodiversity Action Plan
BAT	Bengt Arne Torstensson
BCT	Bat Conservation Trust
BGS	British Geological Survey
BI	British and Irish
BLE	Bundesanstalt für Landwirtschaft und Ernährung

Abbreviation	Full
BMAPA	British Marine Aggregate Producers Association
BMM	Brown and May Marine Limited
BMVL	Best and Most Versatile Land
BoCC	Birds of Conservation Concern
BPM	Best Practicable Means
BS	British Standard
BSI	British Standard Institute
BTO	British Trust for Ornithology
BTS	Beam Trawl Survey
BWEA	British Wind Energy Association (now RenewableUK)
CA	Cruising Association
CAA	Civil Aviation Authority
CAAP	Conservation Area Action Plan
CAD	Computer Aided Design
CAP	CAA Aeronautical Publications
CAP	Civil Aviation Publications
CAST	Coastguard Agreement on Salvage and Towage
CAT	Cable Avoidance Tool
CBD	Convention on Biological Diversity
CBS	Cement Bound Sand

Abbreviation	Full
CCL	Clean Coal Limited
CCME	Canadian Council of Ministers of the Environment
CCS	Carbon Capture and Storage
CCW	Countryside Council for Wales
CDM	Construction Design and Management
Cefas	Centre for Environment, Fisheries and Aquaculture Science
CEH	Centre for Ecology and Hydrology
CEMP	Construction Environmental Management Plan
CFP	Common Fisheries Policy
CIA	Cumulative Impact Assessment
CIHT	Chartered Institute of Highways and Transportation
CIRIA	Construction Industry Research and Information Association
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
CL	Conservation Limits
CL:AIRE	Contaminated Land: Application in Real Environments
CLA	Catch Limit Algorithm
CLG	Communities and Local Government
CNIS	Channel Navigation Information Service
CNS	Communications, Navigation and Surveillance
CNSGL	Centrica North Sea Gas Limited

Abbreviation	Full
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CODA	Cetacean Offshore Distribution and Abundance
COMEAP	Committee on the Medical Effects of Air Pollution
CoP	Code of Practice
COPA	Control of Pollution Act 1974
CORE	Centre for Offshore Renewable Engineering
CoS	Chamber of Shipping
COWRIE	Collaborative Offshore Wind Research In to The Environment
CPA	Coastal Protection Act 1989
CPNBV	Centrica Production Nederland B.V.
CPL	Cleveland Potash Limited
CPT	Cone Penetration Tests
CRH	Collision Risk Height
CRoW	Countryside and Rights of Way Act 2000
CRPMEM	Comité Régional des Pêches Maritimes et des Élevages Marins
CRSA	Cable Route Study Area
CRT	Coastguard Rescue Team
cSAC	candidate Special Area of Conservation
CSEMP	Clean Seas Environmental Monitoring Programme

Abbreviation	Full
CTMP	Construction Traffic Management Plan
CTP	Construction Travel Plan
dB	Decibels
DBFG	Dogger Bank Focus Group
DC	Direct Current
DCLG	Department for Communities and Local Government
DCO	Development Consent Order
DDV	Drop Down Video
DECC	Department of Energy and Climate Change
Defra	Department for Environment, Food and Rural Affairs
DETR	Department of Environment, Transport and the Regions
DFA	Danish Fishermen's Association
DFV	Deutscher Fischerei Verband
DHI	Danish Hydraulic Institute
DIO	Defence Infrastructure Organisation
DMP	DMP Statistical Solutions UK Limited
DMRB	Design Manual for Roads and Bridges
DoE	Department of Environment
DPD	Development Plan Document
DTI	Department of Trade and Industry

Abbreviation	Full
DTM	Digital Terrain Model
E	Electric Field
EA	Environment Agency
EAC	Environmental Assessment Criteria
EC	Environmental Consultancy
EC	European Commission
EC	European Council
EcIA	Ecological Impact Assessment
ECW	Ecological Clerk of Works
EEA	European Economic Area
EEZ	Exclusive Economic Zone
EH	English Heritage
EHHL	Eston Hills Historic Landscape
EIA	Environmental Impact Assessment
ELC	European Landscape Convention
EMF	Electromagnetic Field
EMMP	Environmental Management and Monitoring Plan
EMP	Environmental Management Plan
EMR	Electricity Market Reform
EMS	European Marine Site

Abbreviation	Full
EN-1	Overarching National Policy Statement for Energy
EN-3	National Policy Statement for Renewable Energy Infrastructure
EN-5	National Policy Statement for the Electricity Networks Infrastructure
Envision	Envision Mapping Limited
EPA	Environmental Protection Act 1990
EPS	European Protected Species
EPUK	Environmental Protection UK
EQS	Environmental Quality Standards
ER	Effects Range
ER	Emergency Response
ERCoP	Emergency Response Cooperation Plan
ERIC	Environmental Records and Information Centre
ERL	Effects Range Low
ERM	Effects Range Medium
ERYC	East Riding Yorkshire Council
ES	Environmental Statement
ESAS	European Seabirds at Sea
ESIA	Environment and Social Impact Assessment
ETS	Esmond Transportation System
EU	European Union

Abbreviation	Full
EU ETS	EU Emissions Trading Scheme
EUNIS	European Nature Information System
FCS	Favourable Conservation Status
FEPA	Food and Environmental Protection Act 1985
FIR	Flight Information Region
FL	Flight Level
FLR	Fisheries Liaison Representative
FMC	Fisheries Monitoring Centre
FPSO	Floating Production, Storage and Offloading
FRA	Flood Risk Assessment
FSA	Formal Safety Assessment
FTE	Full time equivalent
Fugro	Fugro GeoConsulting Limited
GB	Great Britain
GBS	Gravity Based Structure
GBTS	Great Britain Tourism Survey
GCN	Great Crested Newt
GDP	Gross Domestic Product
GEART	Guidelines for the Environmental Assessment of Road Traffic
GEL	Gardline Environmental Limited

Abbreviation	Full
GEP	Good Ecological Potential
GES	Good Ecological Status
GGL	Gardline Geosurvey Limited
GGOWF	Greater Gabbard Offshore Wind Farm
GIS	Geographic Information System
GLVIA	Guidelines for Landscape and Visual Impact Assessment
GOV	Grande Ouverture Verticale
GPS	Global Positioning System
GRT	Gross Register Tonnage
GT	Gross Tonnage
GTA	Department for Transport 'Guidance on Transport Assessment' March 2007
GVA	Gross Value Added
GW	Gigawatts
GWh	Gigawatt hours
ha	Hectare
HA	Highways Agency
HAT	Highest Astronomical Tide
HCFIG	Holderness Coast and Fishing Industry Group
HD	High Definition
HD	Hydrodynamic

Abbreviation	Full
HDD	Horizontal Direction Drilling
HDPE	High Density Polyethylene
HDV	Heavy Duty Vehicle
HER	Historic Environment Record
HGV	Heavy Goods Vehicle – vehicles over 7.5 tonnes gross weight
HIA	Health Impact Assessment
HLC	Historic Landscape Characterisation
HMRs	Helicopter Main Routes
HO	Hydrographic Office
HPA	Health Protection Agency
HR	Habitats Regulations 2010
HRA	Habitats Regulation Assessment
HSC	Historic Seascape Characterisation
HSE	Health and Safety Executive
HSI	Habitat Suitability Index
HV	High Voltage
HVAC	High Voltage Alternating Current
HVDC	High Voltage Direct Current
IALA	International Association of Lighthouse Authorities
IAN	Interim Advice Note

Abbreviation	Full
IAQM	Institute of Air Quality Management
IBTS	International Beam Trawl Survey
ICES	International Council for the Exploration of the Sea
ICNIRP	International Commission of Non-Ionizing Radiation Protection
ICPC	International Cable Protection Committee
IECS	Institute of Estuarine and Coastal Studies
IEEM	Institute of Ecology and Environmental Management
IEMA	Institute of Environmental Management and Assessment
IfA	Institute for Archaeologists
IFCA	Inshore Fisheries and Conservation Authorities
IFREMER	Institut Francais de Recherché pour l'Exploitation de la Mer
IHLS	International Herring Larval Survey
ILB	Inshore Lifeboat
ILVO	Instituut voor Landbouw-en Visserijonderzoek
IMARES	Institute for Marine Resources and Ecosystem Studies
IMC	Instrument Meteorological Conditions
IMO	International Maritime Organisation
IMS	Industrial Methylated Spirits
INCA	Industry Nature Conservation Association
IPC	Infrastructure Planning Commission

Abbreviation	Full
IPCC	Intergovernmental Panel on Climate Change
IROPI	Imperative Reasons of Overriding Public Interest
ISQGs	Interim Sediment Quality Guidelines
ITAW	Institute of Terrestrial and Aquatic Wildlife Research
IUCN	International Union for Conservation of Nature
IWC	International Whaling Commission
JCP	Joint Cetacean Protocol
JNCC	Joint Nature Conservation Committee
kJ	Kilojoule
km	Kilometre
kV	Kilovolts
LAQM	Local Air Quality Management
LAT	Lowest Astronomical Tide
LBAP	Local Biodiversity Action Plan
LCU	Landscape Character Unit
LCV	Light Commercial Vehicle
LDF	Local Development Framework
LEI	Landbouw Economisch Instituut
LEP	Local Economic Partnership
LEP	Local Enterprise Partnership

Abbreviation	Full
LGM	Last Glacial Maximum
LI	Landscape Institute
LNR	Local Nature Reserve
LoD	Limit of Detection
LTP	Local Transport Plan
LVIA	Landscape and Visual Impact Assessment
LWS	Local Wildlife Site
MAFF	Ministry of Agriculture, Fisheries and Food
MarLIN	Marine Life Information Network
MATL	Marine Atlantic
MCA	Marine and Coastguard Agency
MCAA	Marine and Coastal Access Act 2009
MCEU	Marine Consents and Environment Unit
MCZ	Marine Conservation Zone
MEHRA	Marine Environmental High Risk Area
MESH	Marine European Seabed Habitat
MESL	Marine Ecological Surveys Limited
mg	Milligram
mg.m-3	Milligram Per Cubic Metre
mg/l	Milligram Per Litre

Abbreviation	Full
MHWM	Mean High Water Mark
MHWS	Mean High Water Spring
MLWS	Mean Low Water Spring
mm	Millimetre
MMMP	Marine Mammal Mitigation Protocol
MMO	Marine Management Organisation
MNCR	Marine Nature Conservation Review
MNR	Marine Nature Reserve
MOC	Maritime Operations Centre
MOD	Ministry of Defence
MPA	Marine Protected Area
MPS	Marine Policy Statement
MRCC	Maritime Rescue Co-ordination Centres
MRSC	Maritime Rescue Sub-Centres
MSA	Marine Study Area
MT	Mud Transport
MW	Megawatt
MWh	Megawatt hours
N/m ²	Newton per square metre
NAMMCO	North Atlantic Marine Mammal Commission

Abbreviation	Full
NATA	New Approach to Appraisal
NATO	North Atlantic Treaty Organisation
NATS	National Air Traffic Services
NAVTEX	Navigational Telex
NCA	National Character Area
NE	Natural England
NEIFCA	North East Inshore Fisheries Conservation Authority
NERC	National Environment Research Council
NERC	Natural Environment and Rural Communities Act 2006
NERI	National Environment Research Institute
NERL	NATS (En-Route) Limited
NETS	National Electricity Transmission Systems
NEWS	Non-Estuarine Coastal Waterbird Survey
NFA	Norwegian Fishermen's Association
NFFO	National Federation of Fishermen's Organisations
NGC	National Grid Company
NGET	National Grid Electricity Transmission
NLO	Net Limitation Order
NLS	National Laboratory Service
NM	Nautical Mile

Abbreviation	Full
NMBAQC	National Marine Biological Analytical Quality Control
NMFS	National Marine Fisheries Service
NNR	National Nature Reserve
NO ₂	Nitrogen Dioxide
NOTAM	Notice to Airmen
NO _X	Oxides Of Nitrogen
NPPF	National Planning Policy Framework
NPL	National Physical Laboratory
NPS	National Policy Statement
NPSE	Noise Statement for England
NRA	Navigational Risks Assessment
NRHE	National Record of the Historic Environment
NRMM	Non-Road Mobile Machinery
NSIP	Nationally Significant Infrastructure Project
NSRAC	North Sea Regional Advisory Council
NTS	Non-Technical Summary
NUC	Not Under Command
NUTFA	New Under Ten Fishermen's Association
NVQ	National Vocational Qualification
O&M	Operation and Maintenance

Abbreviation	Full
OFTO	Offshore Transmission Owner
OMR	Offshore Marine Regulations 2009
OREI	Offshore Renewable Energy Installations
ORJIP	Offshore Renewable Joint Industry Programme
ORPAD	Offshore Renewables Protocol for Archaeological Discoveries
OS	Ordnance Survey
OSPAR	Oslo and Paris Convention for the Protection of the Marine Environment of the North-East Atlantic
OWEZ	Offshore Wind Farm Egmond aan Zee
Pa	Pascal
PAH	Polyaromatic Hydrocarbons
PAM	Passive Acoustic Monitoring
PBR	Potential Biological Removal
PCB	Polychlorinated Biphenyl
PCoD	Population Consequences of Disturbance
PE	Progressive Energy
PEI	Preliminary Environmental Information
PEL	Probable Effect Levels
PEXA	Practise and Exercise Areas
PL	Propagation Loss
PM10	Particles with a mean aerodynamic diameter of less than 10 Micrometres

Abbreviation	Full
PM2.5	Particles with a mean aerodynamic diameter of less than 2.5 Micrometres
pMCZ	Proposed Marine Conservation Zone
PMRA	Protection of Military Remains Act 1986
PMSL	Precision Marine Survey Limited
PO	Producer Organisation
PPE	Personal Protective Equipment
PPG	Planning Policy Guidance
PPG	Pollution Prevention Guidance
PPL	Peak Pressure Level
PPS	Planning Policy Statement
PRoW	Public Rights of Way
PSA	Particle Size Analysis
PSD	Particle Size Distribution
PSR	Primary Surveillance Radar
PTS	Permanent Threshold Shift
PWA	Protection of Wrecks Act 1973
QA	Quality Assurance
QHSE	Quality, Health, Safety and Environment
QSHE	Quality, Safety, Health and Environment
RACON	Radars and Beacons

Abbreviation	Full
RAF	Royal Air Force
RBMP	River Basin Management Plan
RCBC	Redcar and Cleveland Borough Council
RCLDF	Redcar and Cleveland Local Development Framework
REP	Renewable Energy Plant
REZ	Regional Economic Zone
REZ	Renewable Energy Zone
RIGS	Regionally Important Geological and Geomorphological Sites
RL	Received Level
rMCZ	Recommended Marine Conservation Zone
RN	Royal Navy
RNLI	Royal National Lifeboat Institution
RO	Renewable Obligation
ROV	Remotely Operated Vehicle
RSPB	Royal Society for the Protection of Birds
RSS	Regional Spatial Strategy
RWE	RWE npower renewables (an RWE Innogy Company)
RYA	Royal Yachting Association
SA	Sandeel Area
SAC	Special Area of Conservation

Abbreviation	Full
SAFESIMM	Statistical Algorithms For Estimating the Sonar Influence on Marine Mega fauna
SAR	Search and Rescue
SCADA	Supervisory Control and Data Acquisition
SCANS	Small Cetaceans in the European Atlantic and North Sea
SCI	Sites of Community Importance
SCOS	Special Committee on Seals
SEA	Strategic Environmental Assessment
SEAL	Shearwater Elgin Area Line
SEL	Sound Exposure Level
SF6	Sulphur Hexafluoride
SFF	Scottish Fishermen's Federation
SMP	Seabird Monitoring Programme
SMP	Shoreline Management Plans
SMRU	Small Mammal Research Unit
SNH	Scottish Natural Heritage
SNSOWF	Southern North Sea Offshore Wind Farm Group
SO2	Sulphur Dioxide
SoS	Secretary of State
SOS	Sussex Ornithological Society
SOSS	Strategic Ornithological Support Services

Abbreviation	Full
SPA	Special Protection Area
SPD	Supplementary Planning Document
SPL	Sound Pressure Level
SPS	Significant Peripheral Structure
SPWG	Spatial Planning Working Group
SPZs	Source Protection Zones
sq. m	Square Mile
SRN	Strategic Road Network
SSC	Suspended Sediment Concentration
SSE	Scottish and Southern Electric plc.
SSR	Secondary Surveillance Radar
SSSI	Site of Special Scientific Interest
SUDS	Sustainable Drainage System
SVIA	Seascape and Visual Impact Assessment
SW	Spectral Waves
SWFPA	Scottish White Fish Producers Association
SWMP	Site Waste Management Plan
SWNS	South-western North Sea and Eastern Channel
T	Tesla
TA	Transport Assessment

Abbreviation	Full
TAC	Total Allowable Catch
TBC	Teemouth Bird Club
TBT	Tributyl Tin
TEL	Threshold Effect Level
TEMPro	Trip End Model Presentation Programme
TEU	Twenty foot Equivalent Unit
THLS	Trinity House Lighthouse Service
Titan	Titan Environmental Surveys Limited
TL	Transmission Loss
TMA	Traffic Management Act
TN	Target Note
TOC	Total Organic Carbon
TPH	Total Petroleum Hydrocarbons
TRCIS	Trip Rate Information Computer System
TREPUC	Tees Renewable Energy Plan Underground Cable
TTS	Temporary Threshold Shift
TVWT	Tees Valley Wildlife Trust
TWh	Terawatt hours
UCG	Underground Coal Gasification
UK	United Kingdom

Abbreviation	Full
UK BAP	UK Biodiversity Action Plan
UKCS	UK Continental Shelf
UKHO	United Kingdom Hydrographic Office
UKMLFS	UK Military Low Flying System
UNECE	United Nations Economic Commission for Europe
USA	Updating and Screening Assessment
USEPA	United States Environmental Protection Agency
UXO	Unexploded Ordnance
V/m	Volts per metre
VER	Valued Ecological Resource
VER	Valued Ecological Receptor
VHF	Very High Frequency
VisNed	Netherlands Fishermen's Federation
VMS	Vessel Monitoring System
VTs	Vessel Traffic Services
WeBS	Wetland Birds Survey
WFD	Water Framework Directive
WoRMS	World Register of Marine Species
WRAP	Waste Recycling Action Programme
WSI	Written Scheme of Investigation

Abbreviation	Full
WTG	Wind Turbine Generator
XLPE	Cross-linked Polyethylene
YPP	York Potash Project.
ZAP	Zone Appraisal and Planning
ZDE	Zone Development Envelope
ZoC	Zonal Characterisation
ZTV	Zone of Theoretical Visibility
$\mu\text{g.m-3}$	Microgram Per Cubic Metre