

East Anglia THREE

Acronyms and Glossary of Terms

Environmental Statement

Volume 1

Document Reference – 6.1.31

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East Anglia THREE Limited

Date – November 2015

Revision History – Revision A



ACRONYMS

Acronym	Definition
AA	Appropriate Assessment
AADT	Annual Average Daily Traffic
AARA	Air to Air Refuelling Area
AAS	Assisted Area Status
AAWT	Annual Average Weekday Traffic
ACP	Airspace Change Proposal
AC	Alternating Current
ACT	Air Combat Training
AcTUP	Acoustic Toolbox User interface and Post processor
AD	Air Defence
ADCP	Acoustic Doppler Current Profiler
ADD	Acoustic Deterrent Device
ADMS	Atmospheric Dispersion Modelling System
AEZ	Archaeological Exclusion Zone
AGL	Above Ground Level
AIC	Aeronautical Information Circulars
AILs	Abnormal Indivisible Loads
AIP	Aeronautical Information Publication
AIS	Aeronautical Information Services
AIS	Automatic Identification System
ALARP	As low as reasonably practicable
ALB	All Weather Lifeboat
ALC	Agricultural Land Classification
ALO	Agricultural Liaison Officer
AMD	Acoustic Mitigation Device
AMSL	Above Mean Sea Level
AMD	Acoustic Mitigation Device
ANSP	Air Navigation Service Provider
AOD	Above Ordnance Datum
AoL	Ampullae of Lorenzini
AONB	Area of Outstanding Natural Beauty
APIS	Air Pollution Information System
AQAP	Air Quality Action Plan
AQMA	Air Quality Management Areas
AQMP	Air Quality Management Plan
ARPA	Automatic Radar Plotting Aid
ASNW	Ancient and Semi-Natural Woodland
ATA	Aerial Tactics Area
ATC	Air Traffic Control
ATC	Automatic Traffic Counts
ATS	Air Traffic Services
ATSOCAs	Air Traffic Services outside Controlled Airspace
AWAC	Acoustic Wave and Current meter
BAP	Biodiversity Action Plan
BCT	Bat Conservation Trust
BDC	Babergh District Council
BDMPS	Biologically Defined Minimum Population Scales
BDS	Background Data Search
BERR	The Department for Business, Enterprise and Regulatory Reform

Acronym	Definition
BGS	British Geological Survey
BMAPA	British Marine Aggregates Producers Association
BMML	Brown and May Marine Limited
BNB	Brown Bank Formation
BoCC	Birds of conservation concern
BOD	Below Ordnance Datum
BS	British Standard
BSI	British Standard Institute
BTO	British Trust for Ornithology
BULSI	Build, Use, Loss, Survival, Investigation
BWEA	British Wind Energy Association
CA	Cruising Association
CAA	Civil Aviation Authority
CAP	Civil Aviation Policy
CAS	Controlled Air Space
CBS	Cement Bound Sand
CCC	Committee on Climate Change
CCS	Construction Consolidation Sites
CCW	Countryside Council for Wales
CDM	Construction Design and Management
Cefas	Centre for Environment, Fisheries and Aquaculture Science
CfD	Contracts for Difference
CFP	Common Fisheries Policy
CFWG	Commercial Fisheries Working Group
CGS	County Geodiversity Sites
CI	Confidence Interval
CION	Connection and Infrastructure Options Note
CIA	Cumulative Impact Assessment
CIEEM	Chartered Institute of Ecology and Environmental Management
CIS	Celtic and Irish Sea
CL	Critical Loads
CLVIA	Cumulative Landscape and Visual Assessment
CMACS	Centre for Marine and Coastal Studies Ltd
CNPMEM	Comité National des Pêches Maritime et des Elevages Marins
CNS	Communication Navigation & Surveillance
CO ₂	Carbon Dioxide
CoCP	Code of Construction Practice
CODA	Cetacean Offshore Distribution and Abundance
COLREGS	International Regulations for Preventing Collisions at Sea
COPA	The Control of Pollution Act (1974)
CORE	Centre for Offshore Renewable Engineering
COWRIE	Collaborative Offshore Wind Research into the Environment
CPA	Coast Protection Act
CPT	Cone Penetration Tests
CPUE	Catch per Unit Effort
CRM	Collision Risk Model
CRoW	Countryside Right of Way Act
CRPMEM	Comité Régional des Pêches Maritimes et des Elevages Marins
CRTN	Calculation of Road Traffic Noise
cSAC	Candidate Special Area of Conservation
CSCS	Seabed Scour Control Systems

Acronym	Definition
CSFR	Core Strategy Focused Review
CTV	Crew Transfer Vessel
CUFES	Continuous Underway Fish Egg Sampler
CV	Co-efficient of Variance
CWS	County Wildlife Site
°C	Degrees centigrade
DAOPA	Dredging Application, Option and Prospecting Area
dB	Decibels
DBA	Desk-Based Assessment
dBi	Decibels (isotropic)
dBm	Decibels (milliwatt)
DBT	Dibutyltin
DC	Direct Current
DCLG	Department for Communities and Local Government
DCO	Development Consent Order
DECC	The Department of Energy and Climate Change
DEFRA	Department of Environment, Food and Rural Affairs
DEPONS	Disturbance Effects on the Harbour Porpoise Population in the North Sea
DETR	Department for Environment, Transport and the Regions
DfCLG	Department for Communities and the Local Government
DfT	Department for Transport
DGPS	Differential Global Positioning System
dML	Deemed Marine Licence
DMRB	Design Manual for Roads and Bridges
DP	Dynamic Positioning
DPD	Development Plan Documents
DrWPA	Drinking Water Protected Areas
DTI	Department of Trade and Industry
DTS	Distributed Temperature Sensing
DWR	Directional Wave Rider
DWR	Deep Water Route
EA	Environment Agency
EAOL	East Anglia ONE Limited
EAOW	East Anglia Offshore Wind Limited
EATL	East Anglia THREE Limited
EC	European Council
EC	European Commission
EclA	Ecological Impact Assessment
ECoW	Ecological Clerk of Works
EE	Eem Formation
EEA	European Economic Area
EEZ	Exclusive Economic Zone
EfW	Energy from Waste
EH	English Heritage
EHO	Environmental Health Officer
EIA	Environmental Impact Assessment
EIFCA	Eastern Inshore Fisheries and Conservation Authority
ELS	Entry level Stewardship
EMF	Electromagnetic Fields
EMP	Environmental Management Plan

Acronym	Definition
EMR	Electricity Market Reform
EPA	The Environmental Protection Act (1990)
EPS	European Protected Species
EPUK	Environmental Protection UK
EQS	Environmental Quality Standards
EQI	Environmental Quality Indicator
ERCoP	Emergency Response and Cooperation Plan
ES	Environmental Statement
ESAS	Environmentally Sensitive Areas
ESIDB	East Suffolk Internal Drainage Board
ESS	Environmental Stewardship Schemes
ETG	Expert Topic Group
ETS	Emissions Trading Scheme
EU	European Union
EUNIS	European Nature Information System
FAD	Fish Aggregation Device
FAME	Future of the Atlantic Marine Environment
FCS	Favourable Conservation Status
FEPA	Food and Environment Protection Act
FERA	Food and Environment Research Agency
FHWG	Fisheries Hydroacoustics Working Group
FL	Flight Level
FLOWW	Fishing Liaison with Offshore Wind and Wet Renewables Group
FO	Fibre Optic
FRA	Flood Risk Assessment
FSA	Formal Safety Assessment
FTE	Full-time equivalent
GASIL	General Aviation Safety Information Leaflet
GBS	Gravity Base Structure
GCR	Geological Conservation Review
GEART	Guidelines for the Environmental Assessment of Road Traffic
GEBCO	General Bathymetric Chart of the Oceans
GEMS	Geotechnical Engineering and Marine Surveys
GES	Good Environmental Status
GHG	Greenhouse gas
GIB	Green Investment Bank
GIS	Geographic Information System
GLVIA3	Guidelines for Landscape and Visual Assessment: Third Edition 2013
GPS	Global Positioning system
GT	Gross Tonnage
GTA	Guidance on Transport Assessment
GVA	Gross Value Added
GW	Gigawatts
Ha	Hectares
HAT	Height Above Threshold
HAT	Highest Astronomical Tide
HDD	Horizontal Directional Drill
HDVs	Heavy Duty Vehicles
HE	Historic England
HER	Historic Environment Record
HF	High-Frequency (relating to marine mammal functional hearing groups)

Acronym	Definition
HGV	Heavy Goods Vehicle
HLC	Historic Landscape Character
HLS	Higher Level Stewardship
HM	Her Majesties (HM Government)
HMRs	Helicopter Main Route(s)
HMSO	Her Majesty's Stationary Office
HRA	Habitat Regulations 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
Hz	Hertz
IALA	International Association of Marine Aids to Navigation and Lighthouse Authorities
IAMMWG	Inter-Agency Marine Mammal Working Group
IAQM	Institute of Air Quality Management
IBC	Ipswich Borough Council
IBTS	International Beam Trawl Surveys
ICAO	International Civil Aviation Organisation
ICCA	Indicative Cable Corridor Area
ICES	International Council for the Exploration of the Seas
ICNIRP	International Commission on Non-Ionizing Radiation Protection
ICPC	International Cable Protection Committee
ICZM	Integrated Coastal Zone Management
IDB	Internal Drainage Board
IEA	Institute of Environmental Assessment
IECS	Institute of Estuarine and Coastal Studies
IEEM	(Chartered) Institute of Ecology and Environmental Management
IEMA	Institute of Environmental Management & Assessment
IFA	Institute for Archaeologist
IFCA	Inshore Fisheries and Conservation Authority
IFP	Instrument Flight Procedure
IFREMER	L'Institut Français de Recherche pour l'Exploitation de la Mer
IGBT	Insulated-gate bipolar transistors
IHLS	International Herring Larvae Survey
ILB	Inshore Life Boat
ILE	Institute of Lighting Engineers
ILT	Inspectie Leefomgeving en Transport – the NL CAA
ILVO	Institute for Agricultural and Fisheries Research
IMARES	Institute for Marine Resources and Ecosystem Studies
IMO	International Maritime Organisation
IPC	Infrastructure Planning Commission (now the Planning Inspectorate)
IPCC	Intergovernmental Panel on Climate Change
IPMP	In Principle Monitoring Plan
IROPI	Imperative reasons of overriding public interest
ISO	International Standards Organisation
ISQG	Interim marine Sediment Quality Guidelines
ITAR	International Traffic in Arms Regulations
IWC	International Whaling Commission

Acronym	Definition
JCP	Joint Cetacean Protocol
JNAPC	Joint Nautical Archaeology Policy Committee
JNCC	Joint Nature Conservation Committee
KM	Kilometre(s)
KJ	Kilojoule(s)
KW	Kilowatt(s)
LAQM	Local Air Quality Management
LAT	Lowest Astronomical Tide
LBAP	Local Biodiversity Action Plan
LCA	Local Character Areas
LCT	Landscape Character Type
LCV	Light Commercial Vehicle
LDF	Local Development Frameworks
LDO	Local Development Orders
LEI	Landbouw Economisch Instituut
LFAC	Low Frequency Alternating Current
LF	Low-Frequency (relating to marine mammal functional hearing groups)
LiDAR	Light Detection and Ranging
LLFA	Local Lead Flood Authority
LNR	Local Nature Reserve
LoS	Line of Sight
LSE	Likely Significant Effect
LSOA	Lower Super Output Area
LV	Low Voltage
LVIA	Landscape and Visual Assessment
LVNL	Luchtverkeersleiding Nederland – the NL equivalent of NATS
MBS	Maritime Buoyage System
m	Metres
MAA	Military Aviation Authority
MAFF	Ministry of Agriculture, Fisheries and Food
MAGIC	Multi-Agency Geographic Information for the Countryside
MAIB	Marine Accident Investigation Branch
MALSF	Marine Aggregate Levy Sustainability Fund
MAREA	REC
MarLIN	Marine Life Information Network
MARPOL	International Convention for the Prevention of Pollution from Ships
MaRS	Marine Resource System
MCA	Maritime and Coastguard Agency
MCAA	Marine and Coastal Access Act
MCEU	Marine Consents and Environment Unit
MCZ	Marine Conservation Zones
MEHRA	Marine Environmental High Risk Area
MESH	Mapping European Sea bed Habitat
MESL	Marine Ecological Surveys Limited
MF	Mid-Frequency (relating to marine mammal functional hearing groups)
MGN	Marine Guidance Note
MHWS	Mean High Water Springs
MHz	Megahertz
MIEA	Major Infrastructure and Environment Unit
MMMP	Marine Mammal Mitigation Protocol
MMO	Marine Management Organisation

Acronym	Definition
MMO	Marine Mammal Observer
MNCR	Marine Nature Conservation Review
MOD	Ministry of Defence
MPA	Marine Protected Area
MPP	Monument Protection Plan
MPS	Marine Policy Statement
MSD	Minimum Separation Distance
MSDC	Mid Suffolk District Council
MSFD	Marine Strategy Framework Directive
MSL	Mean Sea Level
MU	Management Units
MV	Medium Voltage
MW	Mega Watt
NAIZ	Non-Auto Initiation Zone
NANT	No Adastral New Town
NATMAC	National Air Traffic Management Advisory Committee
NATS	NATS Holdings Limited (formerly National Air Traffic Services)
NCA	National Character Areas
NE	Natural England
NCC	Norfolk County Council
NERC	Natural Environment and Rural Communities Act
NERL	NATS En Route Limited
NGETS	National Grid Electricity Transmission System
NHLE	National Heritage List for England
NIEA	Northern Ireland Environment Agency
NL	Netherlands
NLO	Named Location
nm	Nautical Miles (1 nautical mile= 1,852 metres)
NMFS	National Marine Fisheries Service
NNG	Night Noise Guidelines
NNR	National Nature Reserve
NO ₂	Nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NOREL	Navigation and Offshore Renewable Energy Liaison Group
NOTAM	Notice to Airmen
NOTAMs	Notices to Airmen
NOx	Nitrogen
NPL	National Physical Laboratory
NPPF	National Planning Policy Framework
NPPG	National Planning Practice Guidance
NPS	National Policy Statement
NPSE	Noise Policy Statement for England
NRA	Navigational Risk Assessment
NRHE	National Records of the Historic Environment
NRMM	Non-Road Mobile Machinery
NRW	Natural Resource Wales
NS	North Sea
NSIPs	Nationally Significant Infrastructure Projects
NSL	NATS (Services) Limited
NtM	Notice to Mariners
NTS	Non-Technical Summary

Acronym	Definition
NUC	Not Under Command
NVC	National Vegetation Classification
O&M	Operation and Maintenance
OASES	Ocean Acoustic and Seismic Exploration Synthesis
OCoCP	Outline Code of Construction Practice
OD	Ordnance Datum
ODPM	Office of the Deputy Prime Minister
OELS	Organic Entry Level Stewardship
OEESEA	Offshore Energy Strategic Environmental Assessment
OETG	Ornithology Expert Topic Group
OFTO	Offshore Transmission Owner
OLEMS	Outline Landscape and Ecological Management Strategy
OLS	Obstacle Limitation Services
OOCEMP	Offshore Outline Construction Environmental Management Plan
OOOMP	Outline Offshore Operation and Management Plan
OREI	Offshore Renewable Energy Installation
ORPAD	Offshore Renewables Protocol for Archaeological Discoveries
OS	Ordnance Survey
OSPAR	Oslo/Paris convention (for the Protection of the Marine Environment of the North-East Atlantic)
OWA	Offshore Wind Accelerator
OWF	Offshore Wind Farm
PAH	Polycyclic Aromatic Hydrocarbons
PAM	Passive Acoustic Monitoring
PAW	Plantation Ancient Woodlands
PBR	Potential Biological Removal
PCB	Polychlorinated Biphenyls
PCoD	Population Consequences of Disturbance
Pd	Probability of Detection
PDS	Particle Size Distribution
PDV	Phocine Distemper Virus
PE	Parabolic Equation
PEI	Preliminary Environmental Information
PEIR	Preliminary Environmental Information Report
PEL	Probable Effect Levels
PEXA	(Military) Practice and Exercise Areas
PIC	Personal Injury Collision
PINS	Planning Inspectorate
PL	Propagation Loss in water
PLGR	Pre-lay Grapple Run
PM ₁₀	Particulate Matter (up to 10 micrometres in size)
PMoW	Precautionary Method of Working
PO	Producer Organisation
PPE	Personal Protective Equipment
PPG	Planning Policy Guidance
PPG	Pollution Prevention Guidance
PPL	Peak Pressure Level
PPS	Planning Policy Statement
PPV	Peak Particle Velocity
PRIMER	Plymouth Routines in Multivariate Ecological Research
PRoW	Public Rights of Way

Acronym	Definition
PSA	Particle Size Analysis
PSD	Particle Size Distribution
pSPA	Potential Special Protection Area
PSRs	Primary Surveillance Radars
PTS	Permanent Threshold Shift
PW	Pinniped in water (relating to marine mammal functional hearing groups)
RAF	Royal Air Force
RAM	Range-dependent Acoustic Model
RCS	Radar Cross Section
RCZAS	Rapid Coastal Zone Assessment Survey
REC	Regional Environmental Characterisation
RES	Renewable Energy Strategy
RHDHV	Royal HaskoningDHV
RIGS	Regionally Important Geological Sites
RL	Received Level
RMS	Root mean square
RNLI	Royal National Lifeboat Institute
RO	Renewables Obligations
Ro-Ro	Roll on Roll off
ROV	Remotely Operated Vehicle
ROWIP	Rights of Way Improvement Plan
RSPB	Royal Society for the Protection of Birds
RTK	Real Time Kinematic
Rx	Receiver
RYA	Royal Yacht Association
SAC	Special Area of Conservation
SAR	Search and Rescue
SARG	UK CAA Safety and Airspace Regulation Group
SARPs	Standards and Recommended Practices
SC	Sub-committee (within ISO)
SCI	Sites of Community Importance
SCADA	Supervisory Control and Data Acquisition
SCANS	Small Cetacean Abundance in the North Sea and Adjacent Waters
SCC	Suffolk County Council
SCDC	Suffolk Coastal District Council
SCOS	Special Committee on Seals
SEA	Strategic Environmental Assessment
SEL	Sound Exposure Level
SI	International System of Units
SL	Source Level
SLA	Special Landscape Area
SMRU	Sea Mammal Research Unit
SMS	Safety Management System
SNCAs	Statutory Nature Conservation Authorities
SNCB	Statutory Nature Conservation Body
SNH	Scottish Natural Heritage
SNSOWF	Southern North Sea Offshore Wind Farm Forum
SoCG	Statement of Common Ground
SOLAS	Safety of Life at Sea
SoS	Secretary of State

Acronym	Definition
SPA	Special Protection Area
SPD	Supplementary Planning Document
SPL	Sound Pressure Level
SPM	Suspended Particulate Matter
SPR	Scottish Power Renewables Limited
S-P-R	Source-pathway-receptor
SPZ	Source Protection Zones
SSC	Suspended Sediment Concentration
SSCS	Seabed Scour Control Systems
SSR	Secondary Surveillance Radar
SSRs	Secondary Surveillance Radars
SSSI	Site of Special Scientific Interest
STAR	Seabird Tracking And Research
SuDS	Sustainable Drainage Systems
SWT	Suffolk Wildlife Trust
SWTS	Suffolk Wildlife Trust Sites
TAC	Total Allowable Catch
TBT	Tributyltin
TCPA	Town and Country Planning Act 1990
TC	Technical Committee (within ISO)
TCE	The Crown Estate
TEL	Threshold Effect Levels
TEMPro	Department for Transport Trip End Model Presentation Programme
THLS	Trinity House Lighthouse Service
TL	Transmission Loss
TMA	Traffic Management Act
TMZ	Transponder Mandatory Zone
TN	Target Notes
TOB	Third Octave Bands
TP	Transition Piece
TPO	Tree Preservation Order
TSEG	Trilateral Seal Expert Group
TSHD	Trailer Suction Hopper Dredger
TSS	Traffic Separation Scheme
TTS	Temporary Threshold Shift
UARs	Upper Air Routes
UELS	Uplands Entry Level Stewardship
UK	United Kingdom
UKBAP	UK Biodiversity Action Plan
UKC	Under Keel Clearance
UKCPC	UK Cable Protection Committee
UKCS	UK Continental Shelf
UKFEN	UK Fisheries Economic Network
UKHO	UK Hydrographic Office
UKTI	UK Trade and Investment
UNECE	United Nations Economic Commission for Europe
UPS	Uninterruptible Power Supply
US	United States
USA	United States of American
UXO	Unexploded Ordnance
VFR	Visual Flight Rules

Acronym	Definition
VMS	Vessel Monitoring System
VWPL	Vattenfall Wind Power Ltd
WCA	Wildlife and Countryside Act 1981
WeBS	Wetland Bird Survey
WFD	Water Framework Directive
WG	Working Group (within ISO)
WHO	World Health Organisation
WIYBY	What's in Your Backyard
WS	West Scotland
WSI	Written Scheme of Investigation
WTS	Woodland Trust Site
WWI	World War I
WWII	World War II
WWT	Wildfowl and Wetland Trust
XLPE	Cross-linked polyethylene
YM	Yarmouth Roads
ZAP	Zone Appraisal and Planning
ZEA	Zonal Environmental Appraisal
ZEA	Zonal Environmental Assessment
ZTA	Zonal Technical Appraisal
ZTV	Zone of Theoretical Visibility
μT	Microteslas

Acronym list ends here

GLOSSARY OF TERMS

Term	Definition
Area of Outstanding Natural Beauty	An area of countryside in England, Wales or Northern Ireland which has been designated for conservation due to its significant landscape value
Collector stations	The substation that receives the power from the offshore wind turbines for transportation to shore.
Construction Consolidation Sites	A distribution site through which material deliveries are channelled to construction sites.
Converter stations	Substations associated with High voltage direct current transmission. It receives power from collector stations and converts the alternating current produced by the turbines to a direct current for export to shore.
Development consent order	The statutory instrument granted by the Secretary of State to authorise the construction and development of Nationally Significant Infrastructure Projects.
Dynamic positioning vessel	Vessel which can maintain a precise position through use of its propellers and side thrusters.
East Anglia THREE site	The 305km ² area within the offshore windfarm boundary including the following infrastructure: wind turbines, inter-array cables, platform link cables, fibre optic cables, offshore electrical platforms, offshore accommodation platform, operational meteorological masts, floating LiDARs wave buoys and guard buoys.
Export cable corridor	The corridor of seabed within which the, up to four, export cables would be located. This is displayed in (Figure 1.1)
Geophysical survey	Systematic collection of geophysical data (physical properties and processes of geological phenomena) for spatial studies.
Geotechnical survey	Collection of information on the physical properties of soil and rock around a site to design earthworks and foundations for proposed structures.
Gravity base structure	Foundation using ballast weight to hold the wind turbine in place through gravity.
High voltage direct current	A long-distance bulk power transmission system that uses direct-current to keep transmission losses down.
Highest Astronomical Tide	The height of the water at the highest possible theoretical tide.
Horizontal Directional Drilling	A method of installing underground cables in an arc from the drilling rig to the point the cable comes to the surface of the seabed or onshore.
IALA Maritime buoyage system	The world wide system developed by the IALA for marking navigational buoys.
Inter-array cables	Sub-sea cables that typically link/join/connect wind turbines with each other and with offshore platforms
Interconnector cable corridor	The corridor of seabed within which the, up to four, interconnector cables would be located. This is displayed in (Figure 1.1)
Jacket	A trussed foundation structure, through which pin-piles or suction caissons are installed to hold the wind turbine in place.
Landfall location	The area where the offshore export cables would make contact with land (within the intertidal area) and connect to the onshore cables.
Low frequency alternating current	A long-distance bulk power transmission system that uses an alternating current. It is an alternative system to the High voltage direct current transmission.
Lowest Astronomical tide	The height of the water at the lowest possible theoretical tide.
Mean High water	The average heights of two successive high waters during those periods

Term	Definition
springs	of 24 hours when the range of the tide is greatest.
Mean low water springs	The average height obtained by two successive low waters during those periods of 24 hours when the range of the tide is greatest.
Mean sea level	Mean sea level is the average level of the sea surface over a long period or the average level which would exist in the absence of tides.
Meteorological masts	The tool used to collect site condition data. It contains instruments that measure wind speed, wind direction and atmospheric conditions.
Monopile	A single pole embedded into the seabed to hold the wind turbine in place.
Offshore cable corridor	Up to 166km long and up to approximately 8km wide corridor, within which up to four individual offshore export cables and up to two fibre optic cables would be laid from the East Anglia THREE site to the landfall location.
Offshore transmission owner	The party that takes responsibility for the offshore assets under long term licenses. They are neither the windfarm developer or the onshore transmission operator
Onshore cable route	37km long and nominal 75m wide corridor within which up to 12 (single core) cables and up to two fibre optic cables would be installed in ducts to connect the proposed East Anglia THREE project to the onshore substation.
Onshore substation location	The location of the onshore substation for the proposed East Anglia THREE project at Bramford. The substation compound would cover a maximum area of 160m by 190m.
Platform link cables	Sub-sea cables that would link or connect two or more offshore platforms within the East Anglia Three site. These cables can be of several different sizes and have different configurations depending on the length of the link
Ramsar sites	Wetland sites of international importance
Scour	The removal of seabed material in the vicinity of coastal structures by hydrodynamic forces.
Single Phase	A single phase (up to 12MW installed in a single construction period.
Sites of Community importance	Sites which have been adopted by the European Commission, but not yet formally designated by governments of Member States are known as Sites of Community Importance
Sites of Special Scientific Interest	Sites providing statutory protection for the best examples of the UK's flora, fauna, or geological or physiographical features. These sites are also used to underpin other national and international nature conservation designations
Special Area of Conservation	Protected sites designated under the EC Habitats Directive. Article 3 of the Habitats Directive requires the establishment of a European network of important high-quality conservation sites that will make a significant contribution to conserving the 189 habitat types and 788 species identified in Annexes I and II of the Directive (as amended)
Special Protection Area	Sites providing statutory protection for a number of rare, threatened or vulnerable bird species and also for regularly occurring migratory species.
Spoil material	Unconsolidated, randomly mixed sediments extracted from the seabed during dredging or pilling activities.
Suction caisson	Foundation system using a hollow structure where the air is removed to create a seal with the seabed.
Supervisory control and data acquisition system	A category of software application program for process control, the gathering of data in real time from remote locations in order to control equipment and conditions.

Term	Definition
The proposed East Anglia THREE project	The complete project being proposed, consisting of all wind turbines, offshore electrical platforms, offshore accommodation platform, inter-array cables, interconnection cables, platform link cables, operational meteorological masts, floating LiDARs, wave buoys, guard buoys, offshore export cables, fibre optic cables, landfall infrastructure, onshore cables and ducts, onshore substation(s) and cable connection from the proposed onshore substation to the National Grid at Bramford.
Transition bays	The area at the landfall site containing the connection between the offshore and onshore cables
Two Phased	Two phases of up to 600MW each, with the start date of each phase of works separated by no more than 18 months.
Unexploded ordinance	Explosive such as, bombs, shells, grenades, naval mines etc. that did not explode when they were employed and still pose a risk of detonation.
Vibrocore	A core of sediment taken from the upper stratigraphy of the sea bed to a designated depth.
Wind farm service vessels	Vessels used to support the construction, operation and maintenance of the offshore wind farm. These can include crew transfer vessels, service-operation vessels, and accommodation vessels.

Acronyms and Glossary ends here