

Buchan Offshore Wind

Overarching Acronyms

Acronym	Full Text
(B)	Magnetic field
(E)	Electric field
(iE) field	Induced electric field
A/HMWB	Artificially/Heavily Modified Water Bodies
AA	Appropriate Assessment
AC	Alternating Current
AD	Air Defence
ADCP	Acoustic Doppler Current Profiler
ADD	Acoustic Deterrent Device
ADR	Alternative Dispute Resolution
AEoSI	Adverse Effect on Site Integrity
AEZ	Archaeological Exclusion Zone
AfL	Agreement for Lease
AHV	Anchor Handling Vessel
AIS	Automatic Identification System
Al	Aluminium (metal)
AL	Action Levels
AL1	CEFAS Action Level 1
AL2	CEFAS Action Level 2
ALARP	As Low As Reasonably Practicable
ANO	Air Navigation Order
AON	Apparently Occupied Nests
AOS	Apparently Occupied Sites
AR	Avoidance rate
As	Arsenic (metal)
ASCOBANS	Agreement on the Conservation of Small Cetaceans of the Baltic, North-East Atlantic, Irish and North Seas
ASL	Above Sea Level
ATBA	Area To Be Avoided
ATC	Air Traffic Control
AtoN	Aid to Navigation
ATS	Air Traffic Services
Ba	Barium (metal)
BAC	Background Assessment Concentration
BAP	Biodiversity Action Plan
BB	Berwick Bank
BC	Background Concentration
BDMPS	Biologically Defined Minimum Population Scale
BERR	Department for Business, Enterprise and Regulatory Reform
BGS	British Geological Survey
BoCC	Birds of Conservation Concern
BODC	British Oceanographic Data Centre
BOW	Buchan Offshore Wind Limited
BP	British Petroleum
BSB	Below Seabed

Acronym	Full Text
BSI	British Standards Institute
BT	British Telecom
BTO	British Trust for Ornithology
BWEA	British Wind Energy Association
CAA	Civil Aviation Authority
CAP	Civil Aviation Publication
CaP	Cable Plan
CBD	Convention on Biological Diversity
CBDC	Convention of Biological Diversity
CBRA	Cable Burial Risk Assessment
CCC	Climate Change Committee
CCGT	Combined-Cycle Gas Turbine
CCME	Canadian Council of Ministers of the Environment
CCoP	Construction Code of Practice
CCR	Climate Change Risk
CCRA	The Climate Change Risk Assessment
CCTV	Closed Circuit Television
CCUS	Carbon Capture, Utilisation and Storage
Cd	Cadmium (metal)
C _{dis}	Dissipation coefficient
CDM	Construction Design and Management
CDS	Climate Data Store
CEA	Cumulative Effects Assessment
CEF	Cumulative Effects Framework
Cefas	Centre for Environment, Fisheries and Aquaculture Science
CEMP	Construction Environmental Management Plan
CES	Crown Estate Scotland
CfD	Contract for Difference
CFL	Courant-Friedrichs-Lewy
CFLO	Company Fisheries Liaison Officer
CFP	Common Fisheries Policy
CGOC	Coastguard Operations Center
CGR	Counterfactual Growth Rate
CH ₄	Methane
CI	Confidence Interval
CIA	Cumulative Impact Assessment
CIEEM	Chartered Institute of Ecology and Environmental Management
CIs	Confidence Intervals
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
CLM	Community Liaison Manager
CMEMS	Copernicus Marine Environment Monitoring Service
CMS	Construction Method Statement
CoMS	Convention on Migratory Species
CNS	Communication, Navigation and Surveillance

Acronym	Full Text
CO ₂	Carbon Dioxide
CO ₂ e	Carbon Dioxide Equivalent
CoCP	Code of Construction Practice
COLREGS	International Regulations for Preventing Collisions at Sea
COMAH	Control of Major Accident Hazards Regulations
COP	Conference of Parties
COSHH	<u>Control of Substances Hazardous to Health</u>
COWRIE	Collaborative Offshore Wind Research into The Environment
CPA	Coast Protection Act
CPI	Carbon Preference Index
CPS	Counterfactual Population Size
Cr	Chromium (metal)
CRH	Collision Risk Height
CRM	Collision Risk Modelling
CRP	Clear Range Procedure
Cspd	Current velocity magnitude
CTD	Conductivity, Turbidity, and Depth
CTV	Crew Transfer Vessel
Cu	Copper (metal)
cUXOs	Confirmed UXOs
CV	Coefficient of Variation
DAS	Digital Aerial Survey
DAS	Digital Aerial Survey
DBT	Dibutyltin (organotin)
DCO	Development Consent Order
DECC	Department for Energy and Climate Change
Defra	Department for Environment, Food and Rural Affairs
DESNZ	Department for Energy Security and Net Zero
DfT	Department for Transport
DHI	Danish Hydraulic Institute
Dir	Direction of flow
DNA	Deoxyribonucleic Acid
DP	Decommissioning Programme
DPO	Draft Plan Option
DSC	Digital Selective Calling
DSLP	Development Specification and Layout Plan
DTI	Department of Trade and Industry
DTM	Digital Terrain Model
DVV	Dual van Veen
EA	Environment Agency
EC	European Commission
ECC	Export Cable Corridor
EclA	Ecological Impact Assessment
ECMWF	European Centre for Medium Range Weather Forecasts
ECOW	Environmental Clerk of Works

Acronym	Full Text
ECR	Export Cable Route
eDNA	Environmental DNA
EDR	Effective Deterrence Range
EDRs	Effective Deterrent Ranges
EEA	European Economic Areas
EEC	European Economic Community
EEZ	Exclusive Economic Zone
EIA	Environmental Impact Assessment
EIAR	Environmental Impact Assessment Report
EM	Embedded Mitigation
EMF	Electromagnetic Field
EMODNet	European Marine Observation and Data Network
EMP	Environmental Management Plan
EMR	Electricity Market Reform
EMSA	European Maritime Safety Agency
EOWDC	European Offshore Wind Deployment Centre
EPA	Environmental Protection Agency
EPS	European Protected Species
EPSG	European Petroleum Survey Group
EQS	Environmental Quality Standards
EQSD	Environmental Quality Standards Directive
ERCOP	Emergency Response Cooperation Plan
ERL	Effect Range Low
ES	Environment Statement
ESJTP	Energy Strategy and Just Transition Plan
ESO	Electricity System Operator
EU	European Union
EU SeaMap	European Union Sea Map
EUNIS	European Nature Information System
FCS	Favourable Conservation Status
FEPA	Food and Environment Protection Act
FFPV	Flexible Fall-Pipe Vessel
FGMT	Fledermaus GeoCoder Toolbox
FIR	Fisheries Industry Representative
FLO	Fisheries Liaison Officer
FLOW	Floating Offshore Windfarm
FLOWW	Fishing Liaison with Offshore Wind and Wet Renewables Group
f_{\min}	Minimum frequency
FMMCP	Fisheries Mitigation, Monitoring and Communication Plan
FOWT	Floating offshore wind turbine
FPSO	Floating Production, Storage and Offloading
FSA	Formal Safety Assessment
ft	feet
FTU	Formazin Turbidity Units
FUE	Follow Up Exercise

Acronym	Full Text
GC-FID	Gas Chromatography-Flame Ionization Detection
GCR	Geological Conservation Review
GDP	Gross Domestic Product
GDPR	General Data Protection Regulation
GEN	General Planning Policies
GHG	Greenhouse Gas
GIS	Geographic Information System
GLA	General Lighthouse Authority
GloMEEP	Global Maritime Energy Efficiency Partnerships Project's
GNSS	Global Navigation Satellite System
GPS	Global Positioning System
GSA	Geophysical Study Area
GVA	Gross Value Added
GW	Gigawatt
HAT	Highest Astronomical Tide
HAZID	Floating Offshore Wind Hazard Identification
HDD	Horizontal Directional Drilling
HDPE	High-Density Polyethylene
HE	High Explosive
HER	Historic Environment Records
HES	Historic Environment Scotland
HF	High-Frequency
Hg	Mercury (metal)
HG	Hamon Grab
HGV	Heavy Goods Vehicle
HLV	Heavy Lift Vessel
HM	His Majesty
HMCG	His Majesty's Coast Guard
HMPA	Historic Marine Protected Area
HMR	Helicopter Main Route
HMRI	Helicopter Main Route Indicator
HND	Holistic Network Design
HPAI	Highly Pathogenic Avian Influenza
HRA	Habitats Regulations Appraisal
H _s	Significant wave height
H _s	Significant wave height
HSE	Health and Safety Executive
HSE	Health and Safety Executive
HVAC	High Voltage Alternating Current
HVDC	High Voltage Direct Current
Hz	Hertz
IAC	Inter-array cables
IALA	International Association of Marine Aids to Navigation and Lighthouse Authorities
IAMMWG	Inter-Agency Marine Mammal Working Group

Acronym	Full Text
IC	Inorganic Carbon
ICCI	In-combination Climate Change Impact
ICE	Inventory of Carbon and Energy
ICES	International Council for the Exploration of the Seas
ICPMS	Inductively Coupled Plasma Mass Spectrometry
ICPOES	Inductively Coupled Plasma Optical Emission Spectroscopy
IEMA	Institute of Environmental Management and Assessment
IFG	Inshore Fisheries Groups
IFO	Intermediate Fuel Oil
IFP	Instrument Flight Procedures
IHO	International Hydrographic Organisation
IMC	Instrument Meteorological Conditions
IMO	International Maritime Organisation
INNS	Invasive Non-Native Species
INNSMP	Invasive Non-Native Species Management Plan
INSPIRE	Impulsive Noise Sound Propagation and Impact Range Estimator
INTOG	Innovation and Targeted Oil and Gas
IOER	Integrated Offshore Emergency Response
IOF	Important Ornithological Feature
IPC	Infrastructure Planning Commission
IPCC	Intergovernmental Panel on Climate Change
iPCoD	Interim Population Consequences of Disturbance
IPS	Intermediate Peripheral Structures
IRC	Intermediate Reactive Compensation Platform
IROPI	Imperative Reasons of Over-Riding Public Interest
ISO	International Organisation for Standardisation
ISQG	Interim Sediment Quality Guidelines
IUCN	International Union for Conservation of Nature
IWRAP	IALA Waterway Risk Assessment Program
J m ⁻³	Joules per cubic meter
JNAPC	Joint Nautical Archaeology Policy Committee
JNCC	Joint Nature Conservation Committee
JONSWAP	Joint North Sea Wave Project
JRC	Joint Radio Company
JUV	Jack Up Vessel
KIS-ORCA	Kingfisher Information Service – Offshore Renewable & Cable Awareness project (KIS-ORCA)
kJ	Kilojoules
km	kilometre
K _n	Nikuradse roughness
KP	Kilometre Point
KPAL	Kenneth Pye Associates Limited
kV	Kilovolts
LAT	Lowest Astronomical Tide
LCA	Life Cycle Analysis

Acronym	Full Text
LCCC	Low Carbon Contracts Company
LDP	Local Development Plan
LF	Low-Frequency Cetaceans
LiDAR	Light Detection and Ranging
LMP	Lighting and Marking Plan
LNG	Liquified Natural Gas
LOA	Length Overall
LoD	Level of Detection
LOI	Loss on Ignition
LPS	Local Port Service
LSE	Likely Significant Effect
m	Metre
MAA	Military Aviation Authority
MAE	Mean Absolute Error
MAG	Magnetometer
MAIB	Marine Accident Investigation Branch
MAPE	Mean Absolute Percentage Error
MarESA	Marine Evidence based Sensitivity Assessment
MarLIN	The Marine Life Information Network
MARPOL	Marine Pollution
MAU	Marine Analytical Unit
MBES	Multibeam Echo Sounder
MBNL	Mobile Broadband Network Limited
MBT	Monobutyltin (organotin)
MCA	Maritime and Coastguard Agency
MCC	Marine Corridor Cable
MCCIP	Marine Climate Change Impacts Partnership
mCRM	Migratory Collision Risk Modelling
MCZ	Marine Conservation Zones
MD	Marine Directorate
M _{dir}	Mean wave direction
MD-LOT	Marine Directorate – Licensing Operations Team
MDS	Maximum Design Scenario
MD-SEDD	Marine Directorate - Science, Evidence, Digital and Data;
MEDIN	Marine Environment Data and Information Network
MEPC	Marine Environment Protection Committee
Met	Meteorological
MGN	Marine Guidance Note
MGO	Marine Gas Oil
MHW	Mean High Water
MHWN	Mean High Water Neap
MHWS	Mean High Water Springs
Mil AIP	Military Aeronautical Information Publication
MLS	Most likely scenario (relating to wind turbine generator parameters)

Acronym	Full Text
MLWN	Mean Low Water Neap
MLWS	Mean Low Water Springs
MMMP	Marine Mammal Mitigation Protocol
MMO	Marine Management Organisation
MMO	Marine Mammal Observer
MNR	Mean Neap Range
MoD	Ministry of Defence
MPA	Marine Protected Area
MPCP	Marine Pollution Contingency Plan
MPS	Marine Policy Statement
MRCC	Maritime Rescue Coordination Centre
MRSea	Marine Renewables Strategic Environmental Assessment
MSA	Minimum Safe Altitude
MSC	Marine Safety Committee
MSFD	Marine Strategy Framework Directive
MSI	Marine Safety Information
MSL	Mean Sea Level
MSR	Mean Spring Range
MSS	Marine Scotland Science
Mt	Million tonnes
MTD	Marine Technical Directorate
MU	Management Unit
MW	Megawatt
N ₂ O	Nitrous Oxide
NAS	Noise Abatement System
NATS	National Air Traffic Services
NC	Nature Conservation
NCMPA	Nature Conservation Marine Protected Area
NCSR	Navigation, Communications and Search and Rescue
NE	North east
NE8 PO	North East Plan Option Area 8
NEA	Norwegian Environment Agency
NEEOG	North East and East Ornithology Group
NEPVA	Natural England Population Viability Analysis
NEQ	Net Explosive Quantity
NERC	Natural Environment Research Council
NETS	National Electricity Transmission System
NF ₃	Nitrogen Trifluoride
NGESO	National Grid Electricity Systems Operator
Ni	Nickel (metal)
NLB	Northern Lighthouse Board
nm	nautical miles
NMBAQC	National Marine Biological Analytical Quality Control
NMFS	National Marine Fisheries Service
NMP	National Marine Plan

Acronym	Full Text
NMP2	National Marine Plan 2
NMPI	National Marine Plan Interactive
NOAA	National Oceanic and Atmospheric Administration
NOTAM	Notice to Aviation
NP	Nautical Publication
NPD	Napthalenes, Phenathrenes and Dibenzothiophenes
NPF	National Planning Framework
NPF4	National Planning Framework 4
NPL	National Physical Laboratory
NPS	National Policy Statement
NPV	Net Present Value
NRA	Navigation Risk Assessment
NREL	National Renewable Energy Laboratory
NSA	Nutrient Sensitive Areas
NSIP	Nationally Significant Infrastructure Project
NSTA	North Sea Transition Authority
NSVMP	Navigational Safety and Vessel Management Plan
nT	nanotesla
NtM	Notice to Mariners
NTS	Non-Technical Summary
NTSLF	National Tidal and Sea Level Facility
O&M	Operation and Maintenance
OA	Option Area
OAA	Offshore Array Area
OC	Organic Carbon
ODA	Offshore Development Area
OECC	Offshore Export Cable Corridor
OFLO	Offshore Fisheries Liaison Officer
OGA	Oil and Gas Authority (OGA)
OGI	Offshore Generation Infrastructure
OI	Ocean Infinity Group Holding (Sweden) AB
ONS	Office of National Statistics
OPRC	Oil Pollution Preparedness, Response and Co-operation
ORD	Offshore Renewable Development
OREI	Offshore Renewable Energy Installation
OSP	Offshore Substation Platform
OSPAR	Oslo and Paris Convention for the Protection of the Marine Environment of the North-East Atlantic
OTI	Offshore Transmission Infrastructure
OWEPS	Offshore Wind Energy Policy Statement
OWF	Offshore Wind Farm
OWIC	Offshore Wind Industry Council
PAC	Pre-application Consultation
PAD	Protocol for Archaeological Discoveries
PAH	Polycyclic Aromatic Hydrocarbons

Acronym	Full Text
PAM	Passive Acoustic Monitoring
PAN	Planning Advice Note
Pb	Lead (metal)
PBR	Potential Biological Removal
PCA	Principal Component Analysis
pCRH	Proportion at collision risk height
PCW	Phocid Carnivores in Water
PD	Project Director
PEA	Potential Energy Anomaly
PEL	Probable Effect Level
pEMP	Proposed Environmental Management Plan
PEXA	Military Practice and Exercise Area
PEXA	Practice and Exercise Area
pFMMCP	Proposed Fisheries Mitigation, Monitoring and Communication Plan
PIANC	The World Association for Waterborne Transport Infrastructure
pINNSMP	Proposed Invasive Non-native Species Management Plan
PINS	UK Planning Inspectorate
Pk _{Dir}	Peak wave direction
PLGR	Pre-lay Grapnel Run
PLONOR	Poses Little Or No Risk
PMF	Priority Marine Feature
pEMP	Proposed Environmental Management Plan
pMMMP	Proposed Marine Mammal Mitigation Protocol
PMP	Proposed Management Plan
PoMP	Population Management Plan
pMPCP	Proposed Marine Pollution Contingency Plan
pNSVMP	Proposed Navigational Safety and Vessel Management Plan
PNT	Positioning, Navigation and Timing
PO	Plan Option
PPM	Parts Per Million
PPV	Peak Particle Velocity
PRIMER	Plymouth Routines in Multivariate Ecological Research
PS	Piling Strategy
PSA	Particle Size Analysis
PSD	Particle Size Distribution
PSR	Primary Surveillance Radar
PSU	Practical salinity units
PTS	Permanent Threshold Shift
PVA	Population Viability Analysis
pWSI	Proposed Written Scheme of Information
RAF	Royal Air Force
RAMS	Risk Assessment and Method Statement
RAP	Recognized Air Picture
RBD	River Basin District

Acronym	Full Text
RBMP	River Basin Management Plan
RCP	Representative Concentration Pathways
REZ	Renewable Energy Zone
Rho	Density (ρ)
RIAA	Report to Inform Appropriate Assessment
RIVM	Dutch National Institute for Public Health and the Environment
RLOS	Radar Line of Sight
RMP	Regional Marine Plan
RMPP	Regional Marine Planning Partnership
RMS	Root Mean Square
RMSE	Root Mean Square Error
RNLI	Royal National Lifeboat Institute
ROFI	Regions of Freshwater Influence
ROV	Remotely Operated Vehicle
RRH	Remote Radar Head
RSPB	Royal Society for the Protection of Birds
rUK	Rest of the UK
RYA	Royal Yachting Association
S.36	Section 36
SA	Sustainability Appraisal
SAC	Special Area of Conservation
SAR	Search and Rescue
SBI	Sub bottom Imager
SBL	Scottish Biodiversity List
SBP	Sub-bottom Profiler
SCADA	Supervisory Control And Data Acquisition system
SCANS	Small Cetaceans in European Atlantic waters and the North Sea
SCDS	Supply Chain Development Statement
SCHISM	Semi-implicit Cross-scale Hydrosience Integrated System Model
SCOS	Special Committee on Seals
ScotMER	Scottish Marine Energy Research
SD	Standard Deviation
SDS	Safety Data Sheet
SE	South east
SEA	Strategic Environmental Assessment
SEDD	Marine Directorate -Science, Evidence, Data and Digital
SEIA	Socio-economic Impact Assessment
SEL	Sound Exposure Level
SEL ($L_{E,p}$)	Sound Exposure Level
SEL _{cum} ($L_{E,p,t}$)	Cumulative Sound Exposure Level
SEL _{ss} ($L_{E,p,ss}$)	Single Strike Sound Exposure Level
SEPA	Scottish Environment Protection Agency
SF ₆	Sulphur hexafluoride
SFF	Scottish Fishermen Federation
SG	Scottish Government

Acronym	Full Text
SHA	Statutory Harbour Authority
SI	Site Investigation
SIMPER	Similarity Percentage
SIMPROF	Similarity profiling algorithm
SLVR	Seascape, Landscape, Visual Resources
SMP	Sectoral Marine Plan
SMP-OWE	Sectoral Marine Plan for Offshore Wind Energy
SMR	Scottish Marine Region
SMWWC	Scottish Marine Wildlife Watching Code
SNCB	Statutory Nature Conservation Body
SNH	Scottish Natural Heritage
SOLAS	Safety Of Life At Sea
SPA	Special Protection Area
SPFA	Scottish Pelagic Fisheries Association
SPL	Sound Pressure Level
$SPL_{peak} (L_{p,pk})$	Peak Sound Pressure Level
$SPL_{RMS} (L_p)$	Root Mean Square Sound Pressure Level
SPM	Suspended Particulate Material
SPS	Significant Peripheral Structure
SSC	Suspended Sediment Concentrations
SSE	Scottish and Southern Electricity
SSS	Dual Frequency Side Scan Sonar
SSSI	Site of Special Scientific Interest
SST	Sea Surface Temperature
SSW-RS	Scottish Shelf Waters Reanalysis Service
SV	Service Visit
SW	Spectral Wave
SWFPA	Scottish White Fish Producers Association
SWMP	Site Waste Management Plan
TAC	Total Allowable Catch
TAR	Transportation Audit Report
TBT	Tributyltin (organotin)
TCA	Trade and Cooperation Agreement
TEU	Twenty-foot Equivalent Unit
THC	Total Hydrocarbon Content
TJB	Transition Joint Bay
TLP	Tension Leg Platform
TNT	Trinitrotoluene (explosive)
TNUoS	Offshore Transmission Network Use of System
TOC	Total Organic Carbon
TOM	Total Organic Matter
T_p	Peak wave period
TPT	Triphenyltin (organotin)
TRSA	Tourism and Recreation Study Area
TTBT	Tetrabutyltin (organotin)

Acronym	Full Text
TTS	Temporary Threshold Shift
T_z	Mean zero-crossing wave period
U_{cr}	Critical current velocity magnitude
UHRS	Ultra-high Resolution Seismic
UK	United Kingdom
UK IAIP	United Kingdom Integrated Aeronautical Information Package
UKAS	United Kingdom Accreditation Service
UKC	Under Keel Clearance
UKCP	United Kingdom Climate Projection
UKCP	UK Climate Projection
UKCS	United Kingdom Continental Shelf
UKHO	United Kingdom Hydrographic Office
UKOOA	Offshore Operators Association (UK)
UKRI	UK Research and Innovation
UN	United Nations
UNCLOS	The United Nations Convention on the Law of the Sea 1982
UNFCCC	United Nations Framework Convention on Climate Change
USBL	Ultra-Short Baseline
USEPA	United States Environmental Protection Agency
UWN	Underwater Noise
UXO	Unexploded Ordnance
VER	Valued Ecological Receptor
VFR	Visual Flight Rules
VHF	Very High Frequency
VMC	Visual Meteorological Conditions
VMP	Vessel Management Plan
VMS	Vessel Monitoring System
VTMP	Vessel Traffic Management Plan
VTs	Vessel Traffic Service
W	West
WA	Wessex Archaeology
WAM	Wave Analysis Model
WCS	Worst case scenario
WeBS	Wetland Bird Survey
WETREP	Western European Tanker Reporting System
WFD	Water Framework Directive
WMP	Waste Management Plan
WNoO	Weekly Notice of Operations
WSI	Written Schemes of Investigation
WTG	Wind Turbine Generator
WWT	Wildfowl & Wetlands Trust
Zn	Zinc (metal)
Zol	Zone of Influence
Δ_{dis}	Dissipation exponent
τ	Shear stress

Acronym	Full Text
τ_c	Critical Shear Stress