



Buchan Offshore Wind Additional Environmental Information Report

Overarching Acronyms

Acronym	Full Text
τ_{mix}	Mixing Timescale
τ_{adv}	Advective Timescale
ADD	Acoustic Deterrent Device
AC	Alternating Current
AEIR	Additional Environmental Information Report
AEM	Additional Embedded Mitigation
AEOSI	Adverse Effect on Site Integrity
AfL	Agreement for Lease
AIR	Additional Information Report
AtoN	Aids to Navigation
BDMPS	Biologically Defined Minimum Population Scale
BODC	British Oceanographic Data Centre
CaP	Cable Plan
CBRA	Cable Burial Risk Assessment
CEA	Cumulative Effects Assessment
CEF	Cumulative Effects Framework
CIEEM	Chartered Institute of Ecology and Environmental Management
CRM	Collision Risk Modelling
CTD	Conductivity, Temperature and Depth
D	Mixing advection dominance metric
dB	Decibel
DAS	Digital Aerial Survey
DDV	Drop Down Video
DEFRA	DEFRA Department of Agriculture, Environment and Rural Affairs
ECC	East Coast Current
ECC	Export Cable Corridor
eDNA	Environmental Deoxyribonucleic Acid
EDR	Effective Deterrence Range
EIA	Environmental Impact Assessment
EIAR	Environmental Impact Assessment Report
EMF	Electromagnetic Field
EMP	Environmental Management Plan
EOWDC	European Offshore Wind Deployment Centre
EPS	European Protected Species
ERCoP	Emergency Response Co-operation Plan
FMMCP	Fisheries Mitigation, Monitoring and Communication Plan
FMP	Fish Mitigation Plan
FMS	Fisheries Management Scotland
GVA	Gross Value Added
HDD	Horizontal Directional Drilling
HPAI	Highly Pathogenic Avian Influenza
HRA	Habitats Regulations Appraisal
HVAC	High Voltage Alternating Current
HVDC	High Voltage Direct Current
ICES	International Council for the Exploration of the Sea

Acronym	Full Text
IHLS	International Herring Larvae Survey
INTOG	Innovation and Targeted Oil & Gas
iPCoD	Interim Population Consequences of Disturbance
IRC	Intermediate Reactive Compensation Platform
IROPI	Imperative Reasons of Overriding Public Interest
JNCC	Joint Nature Conservation Committee
JUV	Jack-up Vessel area
KP	Kilometre Point
LE _n	Sound Exposure Level
LE _{p,t}	Sound Exposure Level (cumulative)
L _p	Sound Pressure Level
L _{p,pk}	Sound Pressure Level Peak
LSE	Likely Significant Effect
MarESA	Marine Evidence based Sensitivity Assessment
MCA	Maritime and Coastguard Agency
MD-LOT	Marine Directorate Licensing Operations Team
MDS	Maximum Design Scenario
MD-SEDD	Marine Directorate – Science, Evidence, Data and Digital
MHWS	Mean High Water Springs
MLD	Mixed Layer Depth
MLWS	Mean Low Water Springs
MMMP	Marine Mammal Mitigation Plan
MOD	Ministry of Defence
MPA	Marine Protected Area
MRF	Marine Recovery Fund
MSP	Mean Seasonal Peak
MU	Management Unit
NAIZ	Non-Automatic Initiation Zone
NATS	National Air Traffic Services
NE8	North East Area 8
NEEOG	North East & East Ornithology Group
NLB	Northern Lighthouse Board
NMPi	National Marine Plan interactive
NRA	Navigational Risk Assessment
NSTA	North Sea Transition Authority
OGI	Offshore Generation Infrastructure
O&M	Operation and Maintenance
OSP	Offshore Substation Platform
OTI	Offshore Transmission Infrastructure
OWF	Offshore Wind Farm
PD	Project Description
PEA (ϕ)	Potential Energy Anomaly
PEA (ϕH)	Potential Energy of Stratification per Unit Area
PLGR	Pre-lay grapnel run
PMF	Priority Marine Feature

Acronym	Full Text
PS	Piling Strategy
PSA	Particle Size Analysis
PTS	Permanent Threshold Shift
PVA	Population Viability Analysis
RAEI	Request for Additional Environmental Information
R_f	Mixing Efficiency
RFI	Request for Further Information
RIAA	Report to Inform the Appropriate Assessment
RSPB	Royal Society for the Protection of Birds
RYA	Royal Yachting Association
SAC	Special Area of Conservation
SAR	Search and Rescue
SBP	Sub-bottom Profiler
SCANS	Small Cetaceans in European Atlantic Waters and the North Sea
SCM	Site Condition Monitoring
SCOS	Special Committee on Seals
ScotMER	Scottish Marine Energy Research
SEL	Sound Exposure Level
SEL _{cum}	Sound Exposure Level (cumulative)
SEL _{ss}	Sound Exposure Level (single strike)
SEPA	Scottish Environmental Protection Agency
SFF	Scottish Fishermen's Federation
SOWEC	Scottish Offshore Wind Energy Council
SPA	Special Protection Area
SPL	Sound Pressure Level
SPL _{peak}	Sound Pressure Level Peak
SSC	Suspended Sediment Concentrations
SSW-RS	Scottish Shelf Waters Reanalysis Service
TKE	Turbulent Kinetic Energy
τ_{mix}	Mixing timescale
TMZ	Transponder Mandatory Zone
TTS	Temporary Threshold Shift
TKE	Turbulent Kinetic Energy
UK	United Kingdom
UK BAP	UK Biodiversity Action Plan
USBL	Ultra-short Baseline
UXO	Unexploded Ordnance
VER	Valued Ecological Receptor
WOD	World Ocean Database
WTG	Wind Turbine Generator