

LIST OF ACRONYMS

Abbreviation	Explanation
AA	Appropriate Assessment
AC	Alternating Current
AD	Anno Domini
ADCP	Acoustic Doppler Current Profiler
ADD	Acoustic Deterrent Device
AES	Annual Energy Statement
AGDS	Acoustic Ground Discrimination System
AHT	Anchor Handling Tug
AIP	Aeronautical Information Publication
AIS	Aeronautical Information Service
AIS ¹	Automated Identification System
ALB	All Weather Lifeboat
AMSL	Above Mean Sea Level
ANSP	Air Navigation Service Provider
ARPA	Automatic Radar Plotting Aid
ASFB	Association of Salmon Fishery Boards
ATC	Air Traffic Control
Atmos	Atmos Consultancy
AWAC	Acoustic Wave and Current Meter
BAP	Biodiversity Action Plan
BC	Before Christ
BE	Best Estimate
BERR	Department for Business, Enterprise and Regulatory Reform
BGS	British Geological Survey



¹ Used with reference to Shipping and Navigation.

Abbreviation	Explanation
BOP	Balance of Plant
BP	Before Present
BS	British Standards
CA	Cruising Association
CAA	Civil Aviation Authority
CAP	Civil Aviation Publication
CAR	Controlled Activities Regulations
CBD	Convention on Biological Diversity
CCGT	Combined Cycle Gas Turbine
CCS	Carbon Capture and Storage
CCTV	Closed Circuit Television
CEFAS	Centre for Environment, Fisheries and Aquaculture Science
CEH	Centre for Ecology and Hydrology
CEMP	Construction Environmental Management Plan
CHSP	Construction Health and Safety Plan
CI	Confidence Interval
CIA	Cumulative Impact Assessment
CO ₂	Carbon Dioxide
COLREGS	International Regulations for the Prevention of Collisions at Sea
CoS	Chamber of Shipping
COWRIE	Collaborative Offshore Wind Research Into The Environment
CPT	Cone Penetration test
CRM	Collision Risk Modelling
CV	Co-efficient of Variation
DAP	Directorate of Airspace policy
DCB	Deep Case Bedrock
DECC	Department of Energy and Climate Change
DEE	Daily Energy Expenditure

Abbreviation	Explanation
DFO	District Fishery Office
DfT	Department for Transport
DGPS	Differential Global Positioning System
DP	Dynamic Positioning
DSC	Digital Selective Calling
DSFB	District Salmon Fishery Board
DUKES	DECCs Annual Digest of United Kingdom Energy Statistics
DWR	Directional Waverider
EC	European Commission
ECMA	East Coast Management Area
ECON	ECON Ecological Consultants
ECR	Export Cable Route
EEC	European Economic Community
EGA	Expert Geomorphological Assessment
EGPS	Draft Electricity Generation Policy Statement ²
EIA	Environmental Impact Assessment
EMF	Electric and Magnetic Fields
EPS	European Protected Species
ERCoP	Emergency Response Co-operation Plan
ES	Environmental Statement
ESAS	European Seabirds at Sea team
EU	European Union
FCS	Favourable Conservation Status
FEED	Front End Engineering Development
FIR ³	Flight Information Region



² Published by the Scottish Government 2012

³ Used with reference to Commercial Fisheries.

Abbreviation	Explanation
FIR	Fishing Industry Representative
FLO	Fisheries Liaison Officer
FRS	Fisheries Research Services (now part of Marine Scotland)
FSA	Formal Safety Assessment
FTOWDG	Forth and Tay Offshore Wind Developers Group
GAM	General Additive Model
GBS	Gravity Base Structure
GCR	Geological Conservation Review
GHGs	Greenhouse Gases
GIS	Geographical Information System
GPS	Global Positioning System
GT	Gross Tonnage
GW	Gigawatt
HAT	Highest Astronomical Tide
HCA	Helideck Certification Agency
HDD	Horizontal Directional Drilling
HDPI	Highest Posteriori Density Interval
HGDL	Historical Gardens and Designed Landscapes
HLV	Heavy Lift Vessel
HM	Her Majesty's
HMR	Helicopter Main Route
HRA	Habitats Regulations Appraisal
Hs	Significant Wave Height
HSE	Health, Safety and Environment
HTA	Historical Trend Analysis
HV	High Voltage
HVAC	High Voltage Alternate Current
HVDC	High Voltage Direct Current

Abbreviation	Explanation
IALA	International Association of Lighthouse Authorities
IAM	Impact Assessment Matrix
IBTS	International Bottom Trawl Survey
ICAO	International Civil Aviation Organisation
ICOMOS	International Council on Monuments and Sites
IECS	Institute of Estuarine and Coastal Studies
IEEM	Institute of Ecological and Environmental Management
IFR	Instrumental Flight Rules
IMO	International Maritime Organization
INSPIRE	Impulse Noise Sound Propagation And Impact Range Estimator
IPC	Infrastructure Planning Commission
IPCC	Intergovernmental Panel on Climate Change
IROPI	Imperative Reasons of Overriding Public Interest
IS	Intermediate Structure
ISA	Immediate Study Area
ISQG	Interim marine Sediment Quality Guidelines
ITU	International Telecommunications Union
IWC	International Whaling Commission
JNAPC	Joint Nautical Archaeology Policy Committee
JNCC	Joint Nature Conservation Committee
kJ	Kilo Joules
km	Kilometres
km ²	Square Kilometres
kWh	Kilowatt Hours
LAT	Lowest Astronomical Tide
LCA	Landscape Character Area
LIDAR	Light Detection and Ranging
LNR	Local Nature Reserve

Abbreviation	Explanation
LSA	Local Study Area
LSE	Likely Significant Effect
Ltd	Limited
LVIA	Landscape Visual Impact Assessment
MAIB	Maritime Accident Investigation Branch
MaRS	Marine Resource System
MARPOL	International Convention for the Prevention of Pollution from Ships
masb	Metres Above Seabed
mbsl	Metres Below Sea Level
MCA	Maritime and Coastguard Agency
MCB	Mean Case Bedrock
MCC	Marine Control Centre
MCS	Marine Conservation Society
MDA	Managed Danger Area
MGN	Marine Guidance Note
MHWS	Mean High Water Springs
ML	Most Likely
MLS	Most Likely Scenario
MLWS	Mean Low Water Springs
MMO	Marine Management Organisation
MMO ⁴	Marine Mammal Observer
MMMP	Marine Mammals Mitigation Protocol
MOD	Ministry of Defence
MOWDG	Moray Offshore Wind Developers Group
MPA	Marine Protected Area
MRCC	Marine Rescue Coordination Centre



⁴ Used with reference to Marine Mammals.

Abbreviation	Explanation
MRSC	Marine Rescue Sub Centre
MRT	Multi Radar Tracking
m/ s	Metres Per Second
MS	Marine Scotland
MSL	Mean Sea Level
MS-LOT	Marine Scotland Licensing Operations Team
MSFA	Multi Species Feeding Aggregations
MSS	Marine Scotland Science
MtCO2	Metric Tonne Carbon Dioxide Equivalent
MW	Megawatt
MWh	Megawatt Hour
NAMMCO	North Atlantic Marine Mammal Commission
NATS	National Air Traffic Services
NENNS	North-Eastern North Sea and Skaggerak
NLB	Northern Lighthouse Board
NM	Nautical Miles
NMP	National Marine Plan
NMRS	National Monument Records for Scotland
NNR	National Nature Reserve
NPF2	National Planning Framework 2
NPS	National Policy Statement
NPS EN-3	National Policy Statement for Renewable Energy Infrastructure
NRA	Navigational Risk Assessment
NREAP	National Renewable Energy Action Plan
NTS	Non-Technical Summary
PAM	Passive Acoustic Monitoring
O&M	Operations and Maintenance
OBS	Obstacle Backscatter Metre

Abbreviation	Explanation
OESEA	Offshore Energy Strategic Environmental Assessment
Ofgem	Office of Gas and Electricity Markets
OFTO	Offshore Transmission Owner
OREI	Offshore Renewable Energy Installation
OS	Ordnance Survey
OSP	Offshore Substation Platform
OSPAR	Convention for the Protection of the Marine Environment of the North-East Atlantic (Oslo and Paris Conventions)
OWF	Offshore Wind Farm
OWIG	Offshore Wind Industry Group
PAH	Polycyclic Aromatic Hydrocarbons
PAN	Planning Advice Note
PBR	Potential Biological Removal
PCB	Polychlorinated Biphenyls
PCPT	Piezocone Cone Penetration Test
PEL	Probable Effect Levels
PEXA	Military Practice and Exercise Areas
PLGR	Pre Lay Grapnel Run
PMF	Priority Marine Features
Project Alpha	Seagreen Alpha OWF
Project Bravo	Seagreen Bravo OWF
PSA	Particle Size Analysis
PSR	Primary Surveillance Radar
PTS	Permanent Threshold Shift
PVA	Population Viability Analysis
R3	Round 3 Offshore Wind Programme
RAF	Royal Air Force
RAP	Renewables Action Plan

Abbreviation	Explanation
RAP ⁵	Recognised Air Picture
RBMP	River Basin Management Plan
RCAHMS	Royal Commission on the Ancient and Historical Monuments of Scotland
RCS	Radar Cross Section
REZ	Renewable Energy Zone
RMNC	Review of Marine Nature Conservation
RNLI	Royal National Lifeboat Institute
ROW	Receiver of Wreck
ROV	Remotely operated vehicle
RSA	Regional Study Area
RSPB	Royal Society for the Protection of Birds
RYA	Royal Yacht Association
SAC	Special Areas of Conservation (SACs) designated under the Habitats Directive
SAFESIMM	Statistical Algorithms For Estimating the Sonar Influence on Marine Megafauna
SANA	Scottish Anglers Association
SAWEL	Seagreen Alpha Wind Energy Limited
SAR	Search and Rescue
SBP	Sub-bottom Profiler: Low frequency echosounder that maps the seabed and underlying sediments.
SBWEL	Seagreen Bravo Wind Energy Limited
SCA	Seascape Character Area
SCADA	Supervisory Control and Data Acquisition System
SCANS	Small Cetacean Abundance In North Sea
SCANS II	Small Cetacean Abundance In North Sea II
SCOS	Special Committee on Seals
SD	Standard Deviation



⁵ Used with reference to Military and Civil Aviation.

Abbreviation	Explanation
SDSR	Strategic Defence and Security Review
SEA	Strategic Environmental Assessment
Seagreen	Seagreen Wind Energy Limited
SEL	Sound Exposure level
SEMP	Site Environmental Management Plan
SEPA	Scottish Environmental Protection Agency
SFF	Scottish Fishermen's Federation
SHE	Safety, Health and the Environment
SLA	Special Landscape Area
SLVIA	Seascape Landscape Visual Impact Assessment
SMRU	Sea Mammal Research Unit Ltd
SMS	Safety Management System
SNCB	Statutory Nature Conservation Body
SNH	Scottish Natural Heritage
SPA	Special Protected Areas
SPEAR	Simple Propagation Estimator And Ranking
SPL	Sound Pressure Level
SPP	Scottish Planning Policy
SPS	Significant Peripheral Structure
SRTM	Shuttle Radar Topographical Mission
SSC	Suspended Sediment Concentrations
SSCV	Semi-Submersible Crane Vessel
SSR	Secondary Surveillance Radar
SSSI	Site of Special Scientific Interest
STG	Sea Trout Group
STW	Scottish Territorial Waters
SWNS	South-western North Sea and Eastern Channel
SWT	Scottish Wildlife Trust

Abbreviation	Explanation
TAC	Total Allowable Catch
TBT	Tributyltin
TCE	The Crown Estate
the Applicants	SAWEL and SBWEL
the Grid	National Electricity Transmission Grid
the Zone	Firth of Forth Round 3 (R3) Zone 2
Transmission Asset Project	Seagreen Offshore Transmission Owner Assets
TSO	The Stationery Office
TSS	Total Suspended Solids
TSS ⁶	Traffic Separation Schemes
TTS	Temporary Threshold Shift
TWh	Terawatt Hours
UB	Upper Bonds
UK	United Kingdom
UKCP	United Kingdom Climate Projections
UKHO	United Kingdom Hydrographic Office
UKLFS	UK Low Flying System
UN	United Nations
UNESCO	United Nations Education, Scientific and Cultural Organisation
UNFCCC	United Nations Framework Convention on Climate Change
UXO	Unexploded Ordnance
VFR	Visual Flight Rules
VHF	Very High Frequency
VMS	Vessel Monitoring System
VP	Vantage Point



⁶ Used in reference to Scoping response.

Abbreviation	Explanation
WC	Worst Case
WCS	Worst Case Scenario
WFD	Water Framework Directive
WSA	Wider Study Area
WTG	Wind Turbine Generators
ZAP	Zone Appraisal and Planning
ZDA	Zone Development Agreement
ZTV	Zone of Theoretical Visibility