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Seagreen Offshore Wind Farm List of Acronyms

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Document Change Summary

Rev	Date	Detail of Change	Changed by
02	05/09/2018	Updated for formal submission	NIRAS

LIST OF ACRONYMS

Acronym	Explanation
AA	Appropriate Assessment
ADD	Acoustic Deterrent Device
AIS	Automatic Identification System
AHT	Anchor Handling Tug
AGLV	Area of Great Landscape Value
AIP	Aeronautical Information Publication
AIS	Automated Identification System
ALARP	As low as reasonably practicable
AMSGA	Arbroath and District Creel Association
AOWF	Aberdeen Offshore Wind Farm
ARPA	Automatic Radar Plotting Aids
ASA	American Society of Acoustics
ASCOBANS	Agreements under the Convention, including the Agreement on the Conservation of Small Cetaceans in the Baltic, North-East Atlantic, Irish and North Seas
ASFA	Anglo-Scottish Fishermen's Association
ATC	Air Traffic Control
AtoN	Aid to Navigation
ATS	Air Traffic Service
BAP	Biodiversity Action Plan
BDMPS	Biologically Defined Minimum Population Scales
BMM	Brown and May Marine Limited
BNG	British National Grid
BTO	British Trust for Ornithology
CA	Cruising Association
CAA	Civil Aviation Authority
CAP	Civil Aviation Publication
CAPEX	Capital Expenditure
CC	Climate Change
CCC	Committee on Climate Change
CCS	Carbon Capture and Storage

CCTV	Closed Circuit Television
CEFAS	Centre for Environment, Fisheries and Aquaculture Science
CEH	Centre for Ecology and Hydrology
CEMPs	Construction Environmental Management Plans
CES	Crown Estate Scotland
CfD	Contract for Difference
CFP	Common Fisheries Policy
CFWG	Commercial Fisheries Working Group
CHSPs	Construction Health and Safety Plans
CIA	Cumulative Impact Assessment
(C)IEEM	(Chartered) Institute of Ecology and Environmental Management
CMS	Conservation of Migratory Species
COLREG	Convention for the Prevention of Collisions at Sea
CoS	Chamber of Shipping
COWRIE	Collaborative Offshore Wind Research Into the Environment
CPT	Core Penetration Test
CRM	Collision Risk Modelling
CTV	Crew Transfer Vessel
Db	Decibels
DECC	Department of Energy and Climate Change
DEFRA	Department for Environment, Food and Rural Affairs
DP	Dynamic Positioning or Decommissioning Programme
DSLIP	Development Specification and Layout Plan
DTI	Department of Trade and Industry
ECOMMAS	East Coast Marine Mammal Acoustic Survey
ECoW	Ecological Clerk of Works
ECR	Export Cable Route
EGPD	ICAO Code for Aberdeen Airport
EGPS	Electricity Generation Policy Statement
EGQL	ICAO Code for Leuchars Station (formerly RAF Leuchars)
EIA	Environmental Impact Assessment
ELC	European Landscape Convention
EMF	Electromagnetic Field

EMP	Environmental Management Plan
EMR	Electricity Market Reform
ENR	En-Route
EOWDC	European Offshore Wind Deployment Centre
EPMC	Engineering, Procurement, Construction and Maintenance
ERCoP	Emergency Response Cooperation Plan
ERRV	Emergency Response and Rescue Vehicle
ES	Environmental Statement
ETS	Emissions Trading Scheme
EU	European Union
FAME	Future of the Atlantic Marine Environment
FIR	Fisheries Industry Representative
FLO	Fisheries Liaison Officer
FLOWW	Fisheries Liaison with Offshore Wind and Wet Renewables
FSA	Formal Safety Assessment
FTE	Full-Time Equivalent
FTOWDG	Forth and Tay Offshore Wind Developers Group
FTRAG	Forth and Tay Regional Advisory Group
GAM	Generalised Additive Model
GBS	Gravity Base Structure
GES	Good Environmental Status
GLVIA3	The Guidelines for Landscape and Visual Impact Assessment (2013), Third Edition. Landscape Institute with the Institute of Environmental Management and Assessment (IEMA).
GT	Gross Tonnage
GVA	Gross Value Added
GW	Gigawatt
GWFL	Galloper Wind Farm Limited
HES	Historic Environment Scotland
HLV	Heavy Lift Vessel
HM	Her Majesty's
HSC	High Speed Craft
HRA	Habitats Regulations Appraisal
HV	High Voltage

Hz	Hertz
IALA	International Association of Lighthouse Authorities
IBTS	International Bottom Trawl Survey
ICAO	International Civil Aviation Organisation
ICES	International Council for the Exploration of the Sea
IEMA	Institute of Environmental Management and Assessment
IMO	International Maritime Organisation
iPCoD	Interim Population Consequences of Disturbance
IPS	Intermediate Peripheral Structures (lighting)
ISA	Immediate Study Area
IUCN	International Union for Conservation of Nature
JNCC	Joint Nature Conservation Committee
JV	Joint Venture
km	kilometre
km ²	square kilometres
kV	kilovolts
kJ	kilojoule
KOWF	Kincardine Offshore Wind Farm
LAT	Lowest Astronomical Tide
LCA	Landscape Character Area
LCT	Landscape Character Type
LI	Landscape Institute
LiDAR	Light Detective and Ranging Equipment
LMP	Lighting and Marking Plan
m	metre
MAIB	Marine Accident Investigation Branch
m ³	Cubic metres
MCA	Maritime and Coastguard Agency
MCAA	Marine and Coastal Access Act
MCEU	Marine Consents and Environment Unit
MEHRA	Marine Environmental High Risk Area
MGN	Marine Guidance Note
MHWS	Mean High Water Springs

MLS	Minimum landing size
MLWS	Mean Low Water Springs
MMO	Marine Management Organisation
MOD	Ministry of Defence
MPA	Marine Protected Area
MPS	Marine Policy Statement
MRCC	Maritime Rescue Co-ordination Centre
m/s	metres per second
MSC	Marine Stewardship Council
MSFD	Marine Strategy Framework Directive
MS-LOT	Marine Scotland Licensing Operations Team
MSS	Marine Scotland Science
MSY	Maximum Sustainable Yield
MSW	Multi-Sea Winter
MU	Management Unit
NATS	UK Civil Radar Operator (Formerly National Air Traffic Services)
NCA	National Character Area (Landscape)
NE	Natural England
NLB	Northern Lighthouse Board
nm	Nautical Miles
NnG	Neart na Gaoithe
NnGOWL	Neart na Gaoithe Offshore Wind Limited
NMP	National Marine Plan
NOAA	National Oceanic and Atmospheric Administration
NPPF	National Planning Policy Framework
NPS	National Policy Statement
NRA	Navigational Risk Assessment
NREAP	National Renewable Energy Action Plan
N-RIP	National Renewables Infrastructure Plan
NSIP	Nationally Significant Infrastructure Project
NSP	Navigational Safety Plan
NtM	Notice to Mariners
NTS	Non-Technical Summary

O&M	Operations and Maintenance
OESEA	Offshore Energy Strategic Environmental Assessment
OfCom	Office of Communications
OFLO	Offshore Fisheries Liaison Officer
OFTO	Offshore Transmission Owner
OMP	Operation and Maintenance Programme
OPEX	Operating Expenditure
ORE	Offshore Renewable Energy
OREI	Offshore Renewable Energy Installation
ORJIP	Offshore Renewables Joint Industry Programme
OSP	Offshore Substation Platform
OSPAR	Oslo/Paris convention (for the Protection of the Marine Environment of the North-East Atlantic)
OWF	Offshore Wind Farm
OWIG	Offshore Wind Industry Group
PAD	Protocol for Archaeological Discoveries
PEMP	Project Environmental Management Plan
PEXA	Practice and Exercise Area
PLGR	Pre Lay Grapnel Run
PMF	Priority Marine Feature
POWERS	Prototyping for Offshore Wind Energy Renewables Scotland
PPG	Planning Policy Guidance
PPP	Planning Permission in Principle
PPS	Planning Policy Statement
PRMS	Primary Radar Mitigation Scheme
pSPA	Potential Special Protection Area
PSR	Primary Surveillance Radar
PTS	Permanent Threshold Shift
PVA	Population Viability Analysis
R3	Round 3
RAF	Royal Air Force
RAP	The Renewables Action Plan
REIF	Renewable Energy Investment Fund
REZ	Renewable Energy Zone

RIFG	Regional Inshore Fisheries Group
RLOS	Radar Line of Sight
RMP	Regional Marine Plan
RNLI	Royal National Lifeboat Institution
ROV	Remotely Operated Vehicle
RSA	Regional Study Area
RSPB	Royal Society for the Protection of Birds
RSU	Regional Seascape Unit
RYA	Royal Yachting Association
RWCS	Realistic Worst Case Scenario
SAC	Special Area of Conservation
SAFESIMM	Statistical Algorithms for Estimating the Sonar Influence on Marine Megafauna
SAR	Search and Rescue
SAWEL	Seagreen Alpha Wind Energy Limited
SBWEL	Seagreen Bravo Wind Energy Limited
SCADA	Supervisory Control And Data Acquisition
SEL	Sound Exposure Level
SELcum	Cumulative Sound Exposure Level
SEPA	Scottish Environment Protection Agency
SFF	Scottish Fishermen's Federation
SIFT	Scottish Innovative Foundation Technologies
SLA	Special Landscape Area
SLVIA	Seascape, Landscape and Visual Amenity
SMS	Safety Management System
SNCBs	Statutory Nature Conservation Bodies
SNH	Scottish Natural Heritage
SOLAS	Safety of Life at Sea
SOV	Service Operation Vessel
SPA	Special Protected Areas
SPL	Sound Pressure Level
SPP	Scottish Planning Policy
SSCV	Semi-Submersible Crane Vessel
SSER	SSE Renewables Developments (UK) Limited

SSMEG	Scottish Strategic Marine Environment Group
SSSI	Sites of Special Scientific Interest
STAR	Seabird Tracking and Research
STW	Scottish Territorial Waters
TMZ	Transponder Mandatory Zone
TTS	Temporary Threshold Shift
TV	Towed Video
UIC	Unique Identification Characters
UK	United Kingdom
UKFEN	UK Fisheries Economic Network
UKHO	UK Hydrographic Office
UNFCCC	United Nations Framework Convention on Climate Change
VHF	Very High Frequency
WCS	Worst Case Scenario
WGIPS	Working Group of International Pelagic Surveys
WSA	Wider Study Area
WSI	Written Scheme of Investigation
WTG	Wind Turbine Generator
ZAP	Zone Appraisal and Planning
VHF	Very High Frequency
ZDA	Zone Development Agreement
ZTV	Zone of Theoretical Visibility