

Document Release and Authorisation Record			
Job No:	J/1/6/1664		
Report No:	12/J/1/06/1664/1354		
Date:	09/017/2012		
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Glossary

AA	Appropriate Assessment	BGS	British Geological Survey
AAA	Anti-Aircraft Artillery	BIS	UK Department for Business, Innovation and Skills
ACP	Airspace change process	BMAPA	British Marine Aggregate Producers Association
AD	Air Defence	BMEWS	Ballistic Missile Early Warning System
ADS	Archaeology Data Service	BoC	Base of Cover
AIS	Automatic Identification System	BODC	British Oceanographic Data Centre
AGDS	Acoustic Ground Discrimination System	BOP	Balance of plant
AHD	Acoustic Harassment Device	BP	Before present
AIL	Abnormal Indivisible Loads	BRE	Buildings Research Establishment
AIS	Automatic Identification System	BSF	Below sea floor
ALARP	As low as reasonably practical	BTO	British Trust for Ornithology
ALB	All Weather Lifeboat	BTU	British Thermal Units
AMSL	Above Mean Sea Level	BWEA	British Wind Energy Association (now RenewableUK)
ANSP	Air Navigation Service Providers	CA	Cruising Association
AON	Apparently Occupied Nests	CAA	Civil Aviation Authority
AONB	Area of Outstanding Natural Beauty	CAPEX	Capital Expenditure
AoS	Area of Search	CBD	Convention on Biodiversity
AOS	Apparently Occupied Sites	CCl ₄	Chemical symbol for carbon tetrachloride
AQMA	Air Quality Management Area	CCS	Carbon Capture and Storage
ARPA	Automatic Radar Plotting Aid	CCTV	Closed Circuit Television
AST	Atlantic Salmon Trust	CD	Chart Datum
ASFB	Association of Salmon Fisheries Board	CDM	Construction, Design and Management Regulations
ATBA	Area to be avoided	CEC	Crown Estate Commission
ATC	Air Traffic Control	Cefas	Centre for Environment, Fisheries and Aquaculture Science
ATCO	Air Traffic Control Officer	CEMP	Construction and Environmental Management Plan
AWACs	Acoustic Doppler Wave and Current Profilers	CEO	Chief Executive Officer
AWACS	Airborne Warning and Control System	CERT	Carbon Emissions Reduction Target
BAA	British Airports Authority	CH ₄	Chemical symbol for methane
BAG	Before-After-Gradient	CMACS	Centre for Marine and Coastal Studies
BAP	Biodiversity Action Plan	CO ₂	Carbon dioxide
BBC	British Broadcasting Corporation	CO ₂ e	Carbon dioxide emissions
Bc/s	Blow count per second	COLREGS	Collision Regulations 1972
BCT	Botney Cut Formation	COWRIE	Collaborative Offshore Wind Research into the Environment
BDK	Bolders Bank Formation	CPA	Coastal Protection Act
BERR	Department for Business Enterprise and Regulatory Reform (now BIS)	CPT	Cone Penetration Test
		CREEM	Centre for Research into Ecological and Environmental Modelling
		DAB	Digital Audio Broadcasting

DAP	Directorate of Airspace Policy	ERCoP	Emergency Response Co-operation Plan
DASSH	Data Archive for Seabed Species and Habitats	ERMC	Environmental Risk Management Capability
DBA	Desk Based Assessment	ERP	Emergency Response Procedures
dB	Decibel	ES	Environmental Statement
dB _{ht}	Decibel hearing threshold (a unit for measuring noise responses by marine species)	ESAS	European Seabirds at Sea
DCLG	Department for Communities and Local Government	ESRC	Economic and Social Research Centre
DCO	Development Consent Order	EST	Energy Savings Trust
DECC	Department of Energy and Climate Change	EU	European Union
Defra	Department for Environment, Food and Rural Affairs	EUNIS	European Union Nature Information System
DF	Direction Finding	FCS	Favourable Conservation Status
DFT	Department for Transport	FEPA	Food and Environmental Protection Act
DGPS	Differential GPS	FIR	Fishing Industry Representatives
DME	Distance Measuring Equipment	FLOWW	Fishing Liaison with Offshore Wind and Wet renewables group
DMRB	Design Manual for Roads and Bridges	FM	Frequency Modulation
DP	Dynamic positioning	FMA	Fishermen's Mutual Association
dSAC	Draft Special Area of Conservation	FPSO	Floating Production, Storage and Offloading vessel
DSC	Digital Selective Calling	FRA	Flood Risk Assessment
DTI	Department of Trade and Industry (now Department for Business Innovation and Skills)	FREDS	Forum for Renewable Energy Development in Scotland
DTLR	Department for Transport, Local Government and the Regions (now called Communities and Local Government)	FRPB	Forth River Purification Board
DWR	Deep Water Routes	FRS	Fisheries Research Service (now Marine Scotland Science)
DWT	Dead Weight Tonnage	FSA	Formal Safety Assessment
EA	Environment Agency	FT	Full time
EA 1989	Electricity Act 1989	FTOWDG	Forth and Tay Offshore Wind Developers Group
EC	European Commission	G8	Assembly of world leaders who meet annually to discuss global issues. Also known as the Group of 8
EclA	Ecological Impact Assessment	GCR	Geological Conservation Review
ECS	European Cetacean Society	GDP	Gross Domestic Product
ECU	Energy Consents Unit	GH	General handling
EEA	European Environment Agency	GHG	Greenhouse gas
EEZ	Economic Exclusion Zone	GIS	Geographical Information Systems
EIA	Environmental Impact Assessment	GLOSS	Global Sea Level Observing System
ELT	Emergency locator transmitters	GMDSS	Global Maritime Distress Safety System
EMF	Electromagnetic Fields	GOOSAG	Global Ocean Observing System Action Group
EO	Earth Observation	grt	Gross registered tonnage
EPIRB	Emergency Position-Indicating Radio Beacon	GPS	Global Positioning System
EPS	European Protected Species	GVA	Gross Value Added
EQRs	Ecological quality ratios	GW	Gigawatt
		GWRS	Greater Wash Regional Scheme

HAP	Habitat Action Plans	IWEA	Irish Wind Energy Industry
HAT	Highest astronomical tide	JNAPC	Joint Nautical Archaeology Policy Committee
HDD	Horizontal directional drilling	JNCC	Joint Nature Conservation Committee
HER	Historic Environment Records	JRC	Joint Radio Company
HS	Historic Scotland	kHz	Kilohertz
HGDL	Historic Garden and Designed Landscape	kJ	Kilo joule
HGV	Heavy Good Vehicle	km	Kilometre
HMR	Helicopter Main Routes	kV	Kilo volt
HRA	Habitat Regulations Assessment	LA	Local Authority
HVAC	High Voltage Alternating Current	LBAP	Local Biodiversity Action Plan
HVDC	High Voltage Direct Current	LCA	Lifecycle Carbon Analysis
Hz	Hertz	LCES	Low Carbon Economic Strategy
IALA	International Association of Lighthouse Authorities	LFA	Low Flying Area
IAPP	International Air Pollution Prevention Certificate	LHA	Local Highways Authority
IBA	Important Bird Area	LI	Landscape Institute
ICAO	International Civil Aviation Organization	LiDAR	Light Detection and Ranging
ICES	International Council for the Exploration of the Sea	LLP	Limited Liability Partnership
ICOMAS	International Council on Monuments and Sites	LNR	Local Nature Reserve
ICPC	International Cable Protection Committee	LOIS	Land-Ocean Interaction Study
IEEM	Institute of Ecology and Environmental Management	LORAN	Long Range Navigation
IEMA	Institute of Environmental Management and Assessment	LoS	Line of Sight
IFA	Institute for Archaeologists	LSE	Likely Significant Effect
IFR	Instrument flight rules	LVIA	Landscape and Visual Impact Assessment
IFREMER	French institute for exploitation of the sea	MAIB	Marine Accident Investigation Branch
IFG	Inshore Fisheries Group	MAGIC	Multi-Agency Geographic Information for the Countryside
IHO	International Hydrographic Organisation	MAIB	Marine Accident Investigation Branch
ILS	Instrument Landing Systems	MarLIN	United Kingdom Marine Life Information Network
IMC	Instrument Meteorological Conditions	MARPOL	The International Convention for the Prevention of Pollution from Ships
IMO	International Maritime Organisation	MaRS	Marine Resource System
INCA	Industry Nature Conservation Association	MCA	Maritime and Coastguard Agency
IODE	International Oceanographic Data and Information Exchange	MCEU	Marine Consents and Environment Unit
IP	Institute of Petroleum	MCZ	Marine Conservation Zone
IPCC	Intergovernmental Panel on Climate Change	MDA	Managed Danger Area
IRPCS	International Regulations for Preventing Collisions at Sea	MEDIN	Marine Environment Data information Network
ISQG	Interim Sediment Quality Guidelines	MEHRA	Marine Environmental High Risk Areas
IUCN	International Union for the Conservation of Nature	MESH	Mapping European Seabed Habitats
IWC	Integrated Water Column	MHWS	Mean High Water Springs

MFOWDG	Moray Firth Offshore Wind Farm Developers	NPF2	National Planning Framework 2
MGN	Marine Guidance Note	NPS	National Policy Statement
MIPU	Major Infrastructure Planning Unit	NRA	Navigation Risk Assessment
MLS	Microwave Landing System	NRMM	Non Road Mobile Machinery
MLWS	Mean Low Water Springs	NSRAC	North Sea Regional Advisory Council
MMO	Marine Mammal Observer	NtM	Notice to Mariners
(MMO	Marine Management Organisation)	NTS	Non Technical Summary
MOD	Ministry of Defence	NVC	National Vegetation Classification
MPA	Marine Protected Area	O&M	Operation and Maintenance
MPS	Marine Policy Statement	OBS	Optical Backscatter Sensor
MRCC	Marine Rescue Co-ordination Centre	ODPM	Office of the Deputy Prime Minister
MRSC	Marine Rescue Sub Centre	OFGEM	Office of Gas and Electricity Markets
MSD	Minimum Separation Distance	OFLR	Onshore Fisheries Liaison Representative
MSFD	Marine Strategy Framework Directive	OFTO	Offshore Transmission Owner
MS-LOT	Marine Scotland Licensing Operations Team	OLS	Obstacle Limitation Surfaces
MTZ	Mandatory Transponder Zones	ONS	Office of National Statistics
MVAC	Median Voltage Alternating Current	OPEC	Organisation of Petroleum Exporting Countries
MW	Mega Watt	OREI	Offshore Renewable Energy Installation
NAEI	National Atmospheric Emissions Inventory	OS	Ordnance Survey
NATO	North Atlantic Treaty Organization	OSPAR	The Convention for the Protection of the Marine Environment of the North-East Atlantic
NATS	National Air Traffic Service	OWE	Offshore Wind Energy Europe
Nav aids	Aeronautical Navigation Aids	PACC	Pre-application Consultation with Communities Report
NBN	National Biodiversity Network	PAD	Protocol for Archaeological Discoveries
NDB	Non-Directional Beacons	PAM	Passive Acoustic Monitoring
NERL	NATS En Route Plc.	PAR	Precision Approach Radar
NFFO	National Federation Fishermen's Organisation	PBT	Persistent, bioaccumulative, toxic
NG	National Grid	PEL	Probable effects levels
NGDC	National Geosciences Data Collections	PEXA	Practice and Exercise Area
NGET	National Grid Electricity Transmission	PLB	Personal Locator Beacon
NLB	Northern Lighthouse Board	PPS	Planning Policy Statement
NLH	National Lobster Hatchery	PROW	Public Rights of Way
NM	Nautical Mile	PMF	Priority Marine Feature
NMBAQC	National Marine Biological Analytical Quality Control Scheme	PSA	Particle size analysis
NMRS	National Monuments Record of Scotland	pSAC	Possible Special Area of Conservation
NNR	National Nature Reserve	pSPA	Possible Special Protection Area
NO ₂	Chemical symbol for nitrogen dioxide	PSD	Particle size distribution
NO _x	Chemical symbol for nitrogen oxides	PSR	Primary Surveillance Radar

PT	Part time	SMP	Shoreline Management Plan
PTS	Permanent Threshold Shift	SNFAS	Salmon Net Fishing Association of Scotland
PVA	Population Viability Analysis	SNH	Scottish Natural Heritage
RAF	Royal Air Force	SNS	Southern North Sea Sediment Transport Study
Ramsar	The Ramsar Convention on Wetlands	SoCC	Species of Conservation Concern
RAP	Renewables Action Plan	SOCC	Statement of Community Consultation
RAP	Recognised Air Picture	SOLAS	Safety of Life at Sea
RBMP	River Basin Management Plan	SOV	Service Operations Vessel
RCAHMS	Royal Commission on the Ancient and Historical Monuments of Scotland	SO _x	Sulphur Oxides
RCS	Radar Cross Section	SPA	Special Protection Area
RDA	Regional Development Agency	SP=EED	Scottish Planning = Effective Engagement and Delivery
RNLI	Royal National Lifeboat Institution	SPM	Suspended Particulate Matter
RO	Renewables Obligation	SPP	Scottish Planning Policy
ROV	Remotely Operated Vehicle	SQW	SQW (Socio-economic consultants)
ROW	Receiver of Wreck	SRA	Synthetic Radar Aperture
Rpm	Revolutions per minute	SSC	Suspended sediment concentration
RSL	Relative Sea Level	SSR	Secondary Surveillance Radar
RSPB	Royal Society for the Protection of Birds	SSSI	Site of Special Scientific Interest
RUK	RenewableUK	STW	Scottish Territorial Waters
RYA	Royal Yachting Association	TACAN	Tactical Air Navigation
SAC	Special Area of Conservation	TCE	The Crown Estate
SAM	Scheduled Ancient Monument	TCP	Town and Country Planning Act
SAP	Species Action Plans	TEZ	Temporary Exclusion Zone
SAR	Search and Rescue	TMP	Traffic Management Plan
SART	Search and Rescue Transponders	TMZ	Transponder Mandatory Zone
SCADA	Supervisory Control and Data Acquisition	TSS	Traffic Separation Scheme
SDME	Spatial Data Management Environment	TTS	Temporary Threshold Shift
SDP	Strategic Development Plan	UK	United Kingdom
SEA	Strategic Environmental Assessment	UKAPP	United Kingdom Air Pollution Prevention Certificate
SEL	Sound Exposure Level	UKAS	United Kingdom Accreditation Service
SEMP	Site environmental management plan	UKBAP	United Kingdom Biodiversity Action Plan
SEPA	Scottish Environmental Protection Agency	UKCS	United Kingdom Continental Shelf
SESplan	South East Scotland Strategic Development Plan Authority	UKHO	United Kingdom Hydrographic Office
SF	Chemical symbol for sulphur hexafluoride	ULSD	Ultra low sulphur diesel
SFF	Scottish Fishermen's Federation	UN	United Nations
SFPA	Scottish Fisheries Protection Agency (now Marine Scotland Compliance)	UNECE	United Nations Economic Commission for Europe
SMRU	Sea Mammal Research Unit (Ltd)	UNEP	United Nations Environment Programme

UNESCO	United Nations Educational, Scientific and Cultural Organization
UPS	Uninterruptable Power System
US	United States
USA	United States of America
USAF	United States Air Force
UXO	Unexploded Ordnance
VFR	Visual Flight Rules
VHF	Very High Frequency
VMC	Visual Meteorological Conditions
VMS	Vessel Monitoring System
VOR	VHF Omni-directional Radio Range
VRLA	Valve regulated lead acid battery
VTs	Vessel Traffic Services
WEDCA	Wind Energy, Defence & Civil Aviation
WFD	Water Framework Directive
WQTAG	Water Quality Technical Advisory Group
WSI	Written Scheme of Investigations
WWI	First World War
WWII	Second World War
XLPE	Cross linked polyethylene
ZTV	Zone of Theoretical Visibility