

## APPENDIX 3 STATEMENTS OF COMPETENCE - AECOM AND XODUS

### AECOM

Discipline	Name	Qualifications	Years of Experience	Professional Memberships	Position
Air Quality	HW	Pollution Monitoring and Control MSc Environmental Biogeoscience BSc (Hons)	21	N/A	Air Quality Lead
Surface Water	OT	Physical Sciences MSc Geography BSc (Hons)	18	Member of the Chartered Institute of Water and Environmental Management (CIWEM) (MCIWEM), Chartered Environmentalist (CEnv).	Water Environment Lead
Contaminated Land	DE	Environmental Rehabilitation MSc Agricultural Biochemistry BSc (Hons.)	28	Member of the Institution of Environmental Sciences (MIEnvSc), CEnv, Chartered Scientist (CSci)	Land Contamination Lead
Noise and Vibration	JE	Applied Acoustics MSc Environmental Science BSc (Hons) Institute of Acoustics (IoA) Diploma in Acoustics and Noise Control	24	Member of Institute of Acoustics (MIoA)	Noise and Vibration Lead

<b>Discipline</b>	<b>Name</b>	<b>Qualifications</b>	<b>Years of Experience</b>	<b>Professional Memberships</b>	<b>Position</b>
Terrestrial Ecology	DB	Conservation and Utilisation of Plant Genetic Resources MSc Heathlands of the Falkland Islands MPhil Botany and Zoology BSc (Joint Hons)	20	Chartered Environmentalist (CEnv); Member of Chartered Institute of Ecology and Environmental Management (MCIEEM)	Terrestrial Ecology Lead
Aquatic Ecology	NG	Water Quality and Treatment MSc Biology of Populations and Ecosystems MSc Aquatic Ecology / Microbiology Diplome Universitaire (DU) Biology/Biological Sciences BSc	18	Chartered Ecologist (CEcol), Chartered Environmentalist (CEnv), Member of Chartered Institute of Ecology and Environmental Management (MCIEEM)	Aquatic Ecology Lead
Marine Ecology	JH	Marine Ecology PhD Marine Biology BSc (Hons)	18	Member of the Chartered Institute of Ecology and Environmental Management (CIEEM), Member of the Marine Biological Association (MBA) of the UK.	Marine Ecology Lead

<b>Discipline</b>	<b>Name</b>	<b>Qualifications</b>	<b>Years of Experience</b>	<b>Professional Memberships</b>	<b>Position</b>
Ornithology	RW	Environmental Science MSc Plant Science BSc (Hons)	23	Member of the Chartered Institute of Ecology and Environmental Management (CIEEM) (MCIEEM),  Member of the Royal Society of Biology (RSB) (MRSB), Chartered Biologist (CBiol),  Member of the Society for the Environment (SocEnv), CEnv.	Lead Ornithologist
Traffic and Transportation	SM	Civil Engineering BEng (Hons)	28	Member of the Chartered Institution of Highways & Transportation, Chartered Engineer (CEng) MICE	Traffic and Transportation Lead
Landscape and Visual	RC	BA (Hons) Landscape Architecture GradDip Landscape Architecture	20	Chartered Member of the Landscape Institute (CMLI)	Landscape and Visual Lead
Cultural Heritage	CM	Ancient History & Archaeology, British prehistory, Romano- British Archaeology BA (Hons)	35	Member of the Chartered Institute for Archaeologists	Lead (Heritage-Terrestrial)
	AC	Archaeology Dip HE	25	N/A	Lead (Archaeology-Terrestrial)

<b>Discipline</b>	<b>Name</b>	<b>Qualifications</b>	<b>Years of Experience</b>	<b>Professional Memberships</b>	<b>Position</b>
Socio-Economics	BP	Geography BA (Hons) Regeneration PG Dip	24	Member of the Institute of Economic Development (MIED)	Socio-Economics Lead
Climate Change	ID	Environmental Studies BA (Hons)	22	Member of the Institute of Environmental Management and Assessment (MIEMA), CEnv	Climate Lead
Major Accidents	RL	Tropospheric Ozone Modelling PhD MSC Environmental Pollution Control MSc Physics BSc	25	N/A	Major Accidents Lead and Project Director
Population and Human Health	IC	Engineering Geology PhD Environmental Science MSc Geology and Chemistry BSc (Combined Hons)	29	Chartered Geologist (CGeol) Fellow of the Geological Society (FGS)	EIA Lead

## XODUS

Expert	Project Role	Xodus Technical Authority	Years of Experience	Qualifications	Professional Memberships
MD	Project Manager and Environmental Technical Expert for Offshore EIA Regulatory Requirements and Atmospheric Emissions and Climate	EIA and Climate and Carbon	21	EngD in Offshore Renewable Energy MSc Environmental Change & Management (Distinction) BSc (1st Class Hons) Environmental Science JNCC certified Marine Mammal Observer	Chartered Environmentalist, Institute of Environmental Management & Assessment Full Member, Institute of Environmental Management & Assessment
AW	Environmental Description and Seabed Disturbance	Benthic Ecology	33	BSc (1st Class Hons) Marine Biology	N/A
AM	Discharges to Sea and Formation Water Displacement and Accidental Events	Environmental Engineering and Risk Assessment	27	Ph.D. Biochemistry M.Sc. Toxicology B.Sc. (Hons) Biochemistry & Microbiology Prizes: Awarded the 1990 Celltech Undergraduate Prize for Microbiology	Institute of Marine Engineers, Scientists & Technology (MiMarEST) Society for Environmental Toxicology and Chemistry Society for Chemistry in Industry, Offshore Engineering Society

<b>Expert</b>	<b>Project Role</b>	<b>Xodus Technical Authority</b>	<b>Years of Experience</b>	<b>Qualifications</b>	<b>Professional Memberships</b>
JA	Underwater Sound	Marine Mammals and Underwater Sound	17	MRes (Masters by Research) Marine Mammal Science - BSc (Hons) Marine and Environmental Biology Experienced Passive Acoustic Monitoring (PAM) Technician – SMRU Marine Experienced JNCC Marine Mammal Observer – Carolyn Barton Training IoA Certificate of Competence in Environmental Noise Monitoring	Practitioner level, Associate Member of the Institute of Environmental Management & Assessment
JL	Coastal Processes and Geospatial	Marine Physical Processes	17	PhD Oceanography MSc Applied Physical Oceanography (Distinction) BSc Physics (Hons)	N/A
MF	Ornithology	Ornithology	14	PhD Zoology, BSc Zoology (1 <sup>st</sup> Class Hons)	N/A
JM	Marine Traffic	Geospatial including Navigational Risk	11	MSc Marine Environmental Protection (Distinction), BSc Zoology (Hons)	N/A
GJ	Commercial Fisheries	Commercial Fisheries	20	BSc Zoology (Hons) in Marine Biology	Practitioner level, Associate Member of the Institute of Environmental Management & Assessment

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GR	Sponsor and Environmental Specialist	Governance and Assurance	41	BSc Zoology (Hons 2:1) MSc Biology of Water Management Ph.D. Marine Dispersion and Bioavailability, Association for Project Management Level C qualification	N/A