

From: [Dominika Phillips](#)
To: [Hornsea Project Three](#); [KJ Johansson](#); [Kay Sully](#)
Cc: [Andrew Guyton](#); [Stuart Livesey](#)
Subject: Hornsea Project Three (UK) Ltd response to Deadline 4 (Part 2)
Date: 15 January 2019 22:56:05
Attachments: [image003.png](#)
[D4_HOW03_BoR Schedule of Changes.pdf](#)
[D4_HOW03_CASchedule_Annex A_rev2.pdf](#)
[D4_HOW03_Hearing_Speaker_Biographies.pdf](#)
[D4_HOW03_SoComm.pdf](#)
[D4_HOW03_Statement of Reasons Clean Copy.pdf](#)
[D4_HOW03_Statement of Reasons Tracked Changes.pdf](#)
[HOW03_SoCG_BDC_January 2019.pdf](#)
[HOW03_SoCG_Highways England 15 January 2019.pdf](#)
[HOW03_SoCG_MMO_January 2019.pdf](#)
[HOW03_SoCG_NCC_January 2019.pdf](#)
[HOW03_SoCG_SNC_January 2019_Final.pdf](#)
[HOW03_SoCG_Vanguard_Boreas_D4_signed.pdf](#)

Dear Kay, K-J

Please find attached the 2nd instalment of documents.

Best regards,
Dr Dominika Chalder PIEMA
Environment and Consent Manager



Environmental Management UK | Wind Power
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Hornsea Project Three
Offshore Wind Farm



Hornsea Project Three Offshore Wind Farm

Applicant's Hearing Speaker Biographies and Statement of Experience

Date: 15th January 2019

Document Control			
Document Properties			
Organisation	Ørsted Hornsea Project Three		
Author	Ørsted		
Checked by	Dominika Chalder		
Approved by	Andrew Guyton		
Title	Applicant's Hearing Speaker Biographies and Statement of Experience		
PINS Document Number	n/a		
Version History			
Date	Version	Status	Description / Changes
15/01/2019	A	Final	Submitted for Deadline 4 (15/01/2019)

Ørsted

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London, SW1P 1WG

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Front cover picture: Kite surfer near a UK offshore wind farm © Ørsted Hornsea Project Three (UK) Ltd., 2019.

Table of Contents

1. Statement of Appearances:	1
Introduction	1
2. Legal Advisors.....	4
3. Navigation and other offshore operations.....	7
Others 20	
4. The Applicant (Orsted Hornsea Project Three Ltd).....	21

1. Statement of Appearances:

Introduction

- 1.1 This documentation sets out the biographies and statement of experience for those speaking and presenting on behalf of the Applicant at the first set of Issue Specific Hearings (04-07/12/2018).
- 1.2 Table 1 sets out biographies and statement of experience of those individuals and relevant Issue Specific Hearing. Biographies have categorised as follows:
 - 1.2.1 Biographies of the Applicant's legal representation.
 - 1.2.2 Biographies of experts, being third parties and appointed by the Applicant to speak on its behalf on a range of technical and specialist areas.
 - 1.2.3 Biographies of those who are employed by Ørsted and spoke to the application.

Table 1 - Biographies and Statement of Experience

Name	Company	Hearing
Legal Advisors		
Gareth Phillips	Partner at Pinsent Masons LLP	Issue Specific Hearing 1, 3, 4
Gary McGovern	Partner at Pinsent Masons LLP	Issue Specific Hearing 1, 2
Claire Brodrick	Pinsent Masons LLP	Issue Specific Hearing 1, 2, 3, 4
Peter Cole	Pinsent Masons LLP	Issue Specific Hearing 1, 2, 3, 4
Ørsted, Hornsea Project Three Ltd		
Stuart Livesey	Hornsea Project Three Development Manager	Issue Specific Hearing 1, 2, 4
Andrew Guyton	Hornsea Project Three Consents Manager	Issue Specific Hearing 1, 2, 3, 4
Gareth Parker	Hornsea Project Three Electrical Project Manager	Issue Specific Hearing 1, 2
Oliver Palasmith	Hornsea Project Three Commercial Manager	Issue Specific Hearing 1
Celestia Godbehere	Hornsea Project Three Onshore Environmental Manager	Issue Specific Hearing 1, 4
Meltem Duran	Hornsea Project Three Concept and Layout Manager	Issue Specific Hearing 1, 3
Felicity Browner	Hornsea Project Three Lead Offshore Environmental Manager	Issue Specific Hearing 2
Laurence Cross	Hornsea Project Three Lead Geotechnical Engineer	Issue Specific Hearing 2
Sarah Drljaca	Hornsea Project Three Onshore Lead Environmental Manager	Issue Specific Hearing 3, 4
Karma Leyland	Hornsea Project Three Lead Offshore Human Environment Manager	Issue Specific Hearing 3, 4
Richard Grist	Hornsea Project Three Lead Land and Property Manager	Issue Specific Hearing 3, 4

Name	Company	Hearing
Onshore matters		
Robin Ward	Senior Ornithologist at NIRAS Consulting Ltd	Issue Specific Hearing 1
Paul Zanna	Transport and highway safety – Technical Director at Create	Issue Specific Hearing 4
Enar Chouse	Senior Infrastructure Engineer, Create Consulting Engineers Ltd	Issue Specific Hearing 4
Dan Slatcher	Historic Environment – Director at RPS	Issue Specific Hearing 4
Stephen Scott	Noise and other impacts during construction – Senior Consultant in Acoustics at RPS	Issue Specific Hearing 4
Julia Tindale	Land use and recreation – Senior Director in Land Use and Recreation at RPS)	Issue Specific Hearing 4
Neil Evans	Socio-Economic – Director at Hatch Regeneris	Issue Specific Hearing 4
Philip Brashaw	Landscape and visual impacts – Associate at LDA Design.	Issue Specific Hearing 4
Offshore Environment		
Dr Tim Norman	Managing Director at NIRAS Consulting Ltd	Issue Specific Hearing 2

Name	Company	Hearing
Matthew Hazleton	Senior Ornithologist at NIRAS Consulting Ltd	Issue Specific Hearing 2
Alun Williams	Director, RPS Group plc	Issue Specific Hearing 2
Dr Kevin Linnane	Principal Marine Ecologist at RPS Group plc	Issue Specific Hearing 2
Peter Gaches	Technical Director, GoBe Consultants Ltd	Issue Specific Hearing 3
Navigation and other offshore operations		
Samantha Westwood	Principal Risk Analyst, Anatec Ltd	Issue Specific Hearing 1
Mark Prior	Aviation Consultant at Anatec Ltd	Issue Specific Hearing 1
Richie Hinchcliffe	Team Leader - Instrument Flight Procedure Design at Osprey Consulting Services Ltd	Issue Specific Hearing 1
Dr Emily Wood	Project Director, RPS	Issue Specific Hearing 1
Ali MacDonald	Principal Risk Analyst. Anatec Ltd	Issue Specific Hearing 1
Fiona Nimmo	Director, Poseidon Aquatic Resource Management	Issue Specific Hearing 1

2. Legal Advisors

Introduction

2.1 The legal advocates described below appeared for the Applicant as follows:

Date	Hearing Topic(s)	Advocate(s)
3 December 2018	Open Floor Hearing	Claire Brodrick & Peter Cole
4 December 2018	ISH1 into alternatives/design flexibility (offshore and onshore); onshore ecology; navigation/other offshore operations	Gareth Phillips & Gary McGovern
5 December 2018	ISH2 into offshore ecology	Gary McGovern & Peter Cole
6 December 2018	ISH3 into the draft DCO	Gareth Phillips & Peter Cole
7 December 2018	ISH4 into other onshore matters	Gareth Phillips & Peter Cole

Statement of Experience: Gareth Phillips

- 2.2 Gareth Phillips is the lead advocate and legal advisor to the Applicant.
- 2.3 Gareth is a Partner and Solicitor in the Planning and Environment & Energy and Infrastructure Team at the law firm, Pinsent Masons LLP. Gareth has 15 years post-qualification experience.
- 2.4 Gareth holds an LLB Hons degree in law and business studies from the University of Wales, Swansea and completed the Legal Practice Course at the College of Law, Guildford. Gareth is a member of the National Infrastructure Planning Association and has advised the Offshore Wind Programme Board and Southern North Sea Offshore Wind Forum.
- 2.5 Gareth is a projects lawyer and strategic advisor, with experience of the consenting, financing, acquisition and disposal of energy related infrastructure. He specialises in obtaining development consent for large-scale energy projects. Gareth has advised on project consenting, development, divestment and OFTO matters in relation to a number of offshore generation and transmission assets, and over 100 onshore wind farms and solar projects.
- 2.6 Gareth has advised on several energy-related projects promoted under the Planning Act 2008 and the Electricity Act 1989, and other linear projects promoted under the Transport and Works Act 1992, including:
- Westernmost Rough Offshore Wind Farm
 - Barrow Offshore Wind Farm
 - West of Duddon Sands Offshore Wind Farm
 - London Array Offshore Wind Farm
 - Walney Extension Offshore Wind Farm
 - Burbo Extension Offshore Wind Farm
 - Hornsea Project 3 & 4 Offshore Wind Farms
 - Cleve Hill Solar Park
 - BritNed Interconnector
 - Isle of Grain LNG Importation Facility
 - Felixstowe Branch Line
 - Mersey Gateway Bridge

Statement of Experience: Gary McGovern

- 2.7 Gary McGovern is an advocate and legal advisor to the Applicant, focusing on the offshore environment and HRA matters.
- 2.8 Gary is a Partner and Solicitor in the Planning and Environment & Energy and Infrastructure Team at the law firm, Pinsent Masons LLP. Gary has 12 years post-qualification experience.
- 2.9 Gary holds an LLB Hons degree in law from the University of Glasgow and completed the Legal Diploma at the University of Strathclyde. Gary is a member of Scottish Renewables and has advised the Offshore Wind Programme Board.

2.10 Gary specialises in consenting and environmental matters relating to energy and renewable energy projects. He has advised on project consenting, development, divestment and OFTO matters in relation to a number of offshore generation and transmission assets, as well as a range of other technologies including onshore wind farms, solar projects, hydro and biomass. He has advised on developments promoted under the Planning Act 2008, the Electricity Act 1989 and other national regimes for infrastructure, including linear flood protection schemes under Flood Legislation:

- Hornsea Project 3 & 4 Offshore Wind Farms
- Cleve Hill Solar Park
- Rampion Offshore Wind Farm
- Beatrice Offshore Wind Farm
- London Array Offshore Wind Farm
- Walney Extension Offshore Wind Farm
- Golticlay Onshore Wind Farm Inquiry
- Benbrack Onshore Wind Farm Inquiry
- Whitesands Flood Protection Scheme Inquiry
- Abergelli Gas Fired Power Station

Statement of Experience: Claire Brodrick

2.11 Claire Brodrick is an advocate and legal advisor to the Applicant, focusing on compulsory acquisition and land assembly matters.

2.12 Claire is a Senior Associate and Solicitor in the Planning and Environment & Energy and Infrastructure Team at the law firm, Pinsent Masons LLP. Claire has 10 years post-qualification experience.

2.13 Claire holds an LLB Hons degree in law from University College London and completed the Legal Practice Course at the College of Law, London.

2.14 Claire specialises in securing development consent orders for nationally significant infrastructure projects, including fossil fuel and renewable energy generation projects, overhead lines, road schemes and airports. Claire has significant experience of the use of compulsory acquisition powers and negotiating protective provisions and asset protection agreements with statutory undertakers and private utilities. Claire also has experience of compulsory purchase compensation claims and the judicial review of development consent orders.

Statement of Experience: Peter Cole

2.15 Peter Cole is an advocate and legal advisor to the Applicant, supporting the advocates above on all matters.

2.16 Peter is an Associate and Solicitor in the Planning and Environment & Energy and Infrastructure Team at the law firm, Pinsent Masons LLP. Peter has 7 years post-qualification experience.

2.17 Peter holds an LLB Hons degree in law from the University of Cardiff and completed the Legal Practice Course at the same institution.

- 2.18 Peter has experience of advising on, and assisting, the grant of planning permissions and other statutory consents (including Development Consent Orders) for both private and public sector clients, in respect of a range of major redevelopment proposals. Peter has advised on project consenting, development, divestment and OFTO matters in relation to a number of offshore generation and transmission assets, and over 100 onshore wind farms and solar projects, including Westernmost Rough, West of Duddon Sands, Walney Extension offshore wind farms and Cleve Hill Solar Park.

3. Offshore Environment

Introduction

- 3.1 The Offshore Environment advisors described below appeared for the Applicant as follows:

Date	Hearing Topic(s)	Advocate(s)
5 and 6 December 2018	ISH2 into offshore ecology and ISH3 into the draft DCO (Peter Gaches)	Dr Tim Norman, Matthew Hazleton, Alun Williams, Dr Kevin Linnane, Peter Gaches (ISH3)

Statement of Experience: Dr Tim Norman

- 3.2 Dr Tim Norman is an environmental consultant in private practice. He holds degrees in Biology, Conservation and Environmental Management. He is a member of the Chartered Institute of Ecology and Environmental Management and a Chartered Environmentalist.
- 3.3 Dr Norman is currently Managing Director of NIRAS Consulting Limited, a UK subsidiary business of the NIRAS Group, which provides specialist advice on ecology, ornithology, environmental impact assessment and Habitats Regulations Assessment. Prior to establishing NIRAS Consulting Limited, he worked as Senior Manager, Planning for The Crown Estate (between 2008 and 2010) and prior to that a Senior Director at the RPS Group. During this period the majority of his work has focused on the assessment of the potential impacts of offshore wind farms on birds and other wildlife.
- 3.4 Dr Norman has provided ornithological and HRA advice on the following UK offshore wind farm projects: Shell Flat, West of Duddon Sands, Walney, Barrow, Gwynt y Môr, Atlantic Array, London Array, Gunfleet Sands, Galloper, Lincs, Docking Shoal, Race Bank, Triton Knoll, EA ONE, Westernmost Rough, Seagreen Projects Alpha and Bravo, Aberdeen Bay, Argyll Array, Burbo Bank Extension, Walney Extension and Hornsea Project One and Hornsea Project Two. At The Crown Estate he managed the production of the plan-level Round 3 Appropriate Assessment on behalf of the competent authority for that plan (The Crown Estate Commissioners). He was Project Director of the recently completed ORJIP Bird Collision Avoidance study.
- 3.5 Dr Norman has advised on guidance used to inform the assessment of offshore wind farms, including that related to Ecological Impact Assessment (for the Institute of Ecology and Environmental Management), Cumulative Impact Assessment (for COWRIE) and the use of the design ('Rochdale') envelope in wind farm applications (for The Crown Estate).

Statement of Experience: Matthew Hazelton

- 3.6 Matthew Hazelton is an environmental consultant in private practice. He holds an MSc in Marine Environmental Protection and an BSc in Marine Biology and Zoology from Bangor University.
- 3.7 Matthew Hazelton is a Senior Ornithologist at NIRAS Consulting Ltd. which provides specialist advice on ecology, ornithology, environmental impact assessment and Habitats Regulations Assessment. Matthew has six years' experience in Environmental Impact Assessment and Habitat Regulations Assessment with specific knowledge in relation to the impacts upon offshore ornithology at offshore wind farms.
- 3.8 Matthew has conducted assessments and provided ornithological advice for numerous offshore wind farm projects including: Burbo Bank Extension, Walney Extension, Walney 1&2, West of Duddon Sands, Barrow, Gunfleet Sands, Race Bank, Hornsea Project One, Hornsea Project Two, Moray West, Moray East and Seagreen Alpha and Bravo.

Statement of Experience: Alun Williams

- 3.9 Alun Williams is a Technical Director at RPS and has over 19 years' experience in the field of Marine Processes, with particular emphasis on coastal processes and coastal / seabed geomorphology.
- 3.10 He has extensive knowledge of coastal and marine processes having been involved in a range of R&D studies in coastal, estuarine and nearshore environments (such as the UK Estuaries Research Programme and the Southern North Sea Sediment Transport Study).
- 3.11 Alun has undertaken and been involved in the coastal / marine processes assessments to inform EIA for numerous offshore wind farm projects, from Round 1 sites, Round 2 through to more recent and ongoing inputs to Round 3 Zones including:
- Lynn and Inner Dowsing,
 - Teeside,
 - London Array.
 - Lincs,
 - Docking Shoal,
 - Race Bank,
 - Triton Knoll,
 - Atlantic Array,
 - Gunfleet Sands 3;
 - Hornsea Projects One and Two
- 3.12 Alun has also provided the coastal process inputs to EIA's and related studies for a range of other marine and coastal industries (e.g. port development and various shoreline management activities (from strategic level work to individual schemes).

- 3.13 Alun has had involvement in the marine processes assessment during the pre-application consultation phases, post application phase and examination phase. Alun's role has encompassed the management, technical direction and review of the marine processes work as well as ongoing dialogue with stakeholders. Alun undertook the same role on Hornsea Projects One and Two.

Statement of Experience: Dr Kevin Linnane

- 3.14 Dr Kevin Linnane is a Principal Marine Ecologist at RPS and has over 14 years' experience in the field of marine ecology, specialising in benthic subtidal and intertidal ecology and fish ecology. He has extensive knowledge of coastal and offshore ecological systems having completed a PhD at Newcastle University on intertidal ecology and having been involved in a wide range of coastal, estuarine and offshore developments and industries, including offshore wind farms, marine aggregate extraction, oil and gas (including exploration, drilling and pipelines), port developments, interconnectors and marine renewables (wave and tidal energy). Dr Linnane is an Associate Member of the Chartered Institute of Ecology and Environmental Management.
- 3.15 Dr Linnane has acted on behalf of the Applicant as technical lead on all benthic ecology issues, including assessments on Annex I habitats of the Natura 2000 sites and protected features of MCZ/pMCZs. He has fulfilled this role throughout the pre-application consultation phase, post application phase and examination phase. Dr Linnane has also acted on behalf of the Applicant as technical lead on all issues related to fish and shellfish ecology.

Specific offshore wind farm career experience includes:

- Triton Knoll;
- Atlantic Array;
- Beatrice offshore wind farm;
- Hornsea Projects One and Two;
- Lynn and Inner Dowsing; and
- Gunfleet Sands 3.

Statement of Experience: Peter Gaches

- 3.16 Peter is a Technical Director at GoBe Consultants Ltd. Peter has been providing development support to Hornsea Three since the pre-application phase. Specifically, he has been responsible for consenting advice (focus on offshore matters), third party review of deliverables and management of the marine mammal topic.
- 3.17 Peter holds a BSC Hons in Marine Biology and a MSc in Environmental Science.

3.18 Peter has 18 years' experience in consenting marine infrastructure projects in the North Sea and specialises in the planning and consenting of offshore wind farms. Peter has worked on 26 offshore wind farm projects within the UKCS across the pre-application, examination / determination and post consent compliance phases.

3.19 Specific career experience includes:

- Galloper offshore wind farm covering pre-application (EIA management) and examination (offshore consent management) phases.
- Hornsea Project One covering pre-application (third party review and development support), examination (management of the process) and post consent compliance phases (drafting of pre-commencement plans).
- Hornsea Project Two covering pre-application (third party review and development support), examination (co-ordination of the process) and post consent compliance phases (drafting of pre-commencement plans).
- Hornsea Project Three covering pre-application (third party review and development support), examination (offshore consenting advice and management of marine mammals).
- Further post consent compliance support for Burbo Bank Extension, Greater Gabbard, Gunfleet Sands I, II and III, Race Bank, Sofia Offshore Wind Farm, East Anglia ONE, Walney Extension, Naert Na Gaoithe.
- Further pre-application / examination phase support on Atlantic Array, Kentish Flats Extension, Thanet Extension, Triton Knoll, Dogger Bank Creyke Beck, Lincs offshore wind farm, Scarweather Sands offshore wind farm, West of Duddon Sands offshore wind farm, Westernmost Rough, Navitus Bay, Moray West, Bay States offshore wind farm.

4. Onshore Matters

Introduction

4.1 The Onshore matters advisors described below appeared for the Applicant as follows:

Date	Hearing Topic(s)	Advocate(s)
4 and 7 December 2018	ISH1 into alternatives/design flexibility (offshore and onshore); onshore ecology; navigation/other offshore operations (Robin Ward); ISH4 into the other onshore matters	Robin Ward (ISH1), Paul Zanna, Enar Chouse, Dan Slatcher, Stephen Scott, Julia Tindale, Neil Evans, Philip Brashaw

Statement of Experience: Robin Ward

4.2 Robin Ward is a Senior Ornithologist at NIRAS Consulting Ltd. with 33 years' experience in ornithological monitoring and impact assessment, whilst chiefly studying waterbirds in the employment of universities, NGOs, UK Government agencies and consultancies.

- 4.3 Robin holds a Master's degree from the University of Durham by written thesis assessing the potential impact of tidal power barrage on waterbirds. He also holds a Bachelor of Science in Applied Biology from Coventry (Lanchester) Polytechnic. Robin is a full member of the Chartered Institute of Ecology and Environmental Management.
- 4.4 For the past six years, Robin's has specialised on the assessment of the potential impacts of offshore wind farms on birds, both in the intertidal and offshore environment.
- 4.5 Specific career experience includes providing ornithological advice on the following offshore wind farm projects:
- Walney Extension;
 - London Array;
 - Galloper;
 - Race Bank;
 - Burbo Bank Extension
 - Moray West
 - Revised Seagreen Phase 1; and
 - Hornsea Projects One, Two and Three.
- 4.6 Robin has acted on behalf of the Applicant as technical lead on all issues relating to onshore ornithology, during the pre-application consultation phase, post application phase and examination phase.

Statement of Experience: Paul Zanna

- 4.7 Paul Zanna is the Technical Director for Create Consulting Engineers. He is directly responsible for the highway and transport division within Create, managing the transport team across all offices including Norwich, London, Milton Keynes, Chelmsford and Glasgow.
- 4.8 He has over 25years of knowledge in major scheme projects, both in the UK and abroad. Paul has represented both private and public sector clients with expert transport consultancy support and evidence, which includes;
- HS1
 - HS2
 - HS3
 - East West Rail Link
 - DRIFT Rugby
 - Edinburgh Tram
 - A11 Strategic Road Network

- A421 Bedford Southern Bypass

4.9 Paul has also provided the highway and transport inputs to EIA's and related studies for a range of onshore windfarms across Scotland and coastal activities from port developments through to the development of tourist services in the Scottish Isles.

Statement of Experience: Enar Chouse

4.10 Enar Chouse Devesa is a Principal Infrastructure Engineer for Create Consulting Engineers. She is also assisting the Technical Director for the highway and transport division within Create.

4.11 She has over 5 years of experience in transport and infrastructure design. Enar has provided professional consultancy services to the public and private sector for the delivery of construction schemes across the business, including large residential, educational and commercial schemes, which includes;

- Tollgate, Colchester
- Bicester, Phase 2
- University of Brighton, Travel Plan

Statement of Experience: Dan Slatcher

4.12 Dan Slatcher is currently employed as a director with RPS and has been involved in archaeology since 1989. Dan was awarded a Bachelor of Arts degree in Archaeology and History by the University of York 1992 and a Master of Arts degree in Historical Archaeology by the University of Sheffield in 1999.

4.13 Dan is a Member of the Institute of Field Archaeologists (MIfA) and is chair of the Validation Committee, a Member of the Society for Post Medieval Archaeology and a member of the Charles Close Society for the Study of Ordnance Survey Maps.

4.14 Prior to joining RPS Dan was employed by John Samuels Archaeological Consultants as a project manager and before that by Staffordshire County Council and Stoke on Trent City Museum and Art Gallery.

4.15 Specific career experience includes providing archaeological advice on linear projects such as:

- Hornsea Projects One and Two;
- A11 Attleborough Bypass;
- M6 Carlisle to Guards Mill Extension;
- A249 Iwade to Queenborough;
- A5117 Deeside Park Junctions;
- The Yorkshire Water East Coast Pipeline;

- Yorkshire Water Beverley to Kelgate Pipeline;
 - Yorkshire Water Cryptosporidium and Concessionary Pipelines; and
 - Alford Trunk Main Upgrade, Alford, Aberdeenshire.
- 4.16 In addition, Dan has been involved in numerous schemes where the setting of heritage was a principal issue including:
- Westfield Wind Farm;
 - Galawhistle Wind Farm;
 - Corriemoillie Wind Farm;
 - Earls Seat Wind Farm;
 - Moy Wind Farm; and
 - Tesco, Accrington and Allerton Waste Recovery Park, North Yorkshire.

Statement of Experience: Stephen Scott

- 4.17 Stephen Scott is a Senior Consultant in Acoustics at RPS. He holds a Master of Engineering degree in Engineering Acoustics and Vibration from Southampton University.
- 4.18 Stephen is a Corporate Member of the Institute of Acoustics and has more than 20 years of experience in acoustics, noise and vibration. He is expert in acoustic modelling of a variety of environmental noise and vibration sources and assessment.
- 4.19 Stephen's project experience includes major energy and waste infrastructure including waste and biomass power stations; wind farm construction; operational noise and grid connection substations for major offshore wind farms and electrical interconnector projects.
- 4.20 Specific career experience includes a number of linear schemes, including:
- Hornsea Projects One and Two;
 - National Grid Viking Link.;
 - M4 Corridor around Newport; and
 - Tetney Oil Pipeline Replacement.
- 4.21 Stephen has also provided expert witness for Al Qatrana QEPC, an international arbitration hearing to assist in the resolution of a dispute between power station commissioner and procurement supplier.

Statement of Experience: Julia Tindale

- 4.22 Julia Tindale is currently employed as a Senior Director in Land Use and Recreation at RPS. Julia holds a BSc Hons in Geography and Agriculture and is a member of the Institute of Professional Soil Scientists (MiSoilSci).

- 4.23 Julia worked for the Ministry of Agriculture Fisheries and Food from 1985 – 1988 in the Resource Planning Group, carrying out agricultural land classification and other resource management work based at Bristol and Reading. Since 1988. During this time, Julia has carried out agricultural, recreation and environmental appraisal work for an extensive range of projects in Wales, England, Scotland and Northern Ireland
- 4.24 Specific career experience on linear projects includes:
- M4 Corridor around Newport;
 - A465 Heads of the Valley Road Section 2;
 - Hornsea Projects One and Two;
 - Atlantic Array Offshore Wind Farm;
 - Burbo Bank Extension;
 - A3 Hindhead Improvement Scheme;
 - A4/A5 Dungannon to Ballygawley (Northern Ireland) (2004 – 2006);
 - Bexhill to Hastings Link Road (2009); and
 - Stansted Airport (Second Runway proposals).

Statement of Experience: Neil Evans

- 4.25 Neil Evans is currently a Director at Hatch Regeneris, an economic development consultancy which specialises in assessing the national, regional and local economic impact of a wide range of investments, policies and economic shocks.
- 4.26 Neil has worked extensively on economic impact assessments relating to the offshore wind sector and has undertaken various national studies for Government and related agencies as well as for developers.
- 4.27 Specific career experience includes the provision of socio-economic advice to inform planning applications for a number of UK offshore wind farms including:
- Atlantic Array;
 - Burbo Bank Extension;
 - Celtic Array;
 - Gywnt y Mor;
 - Hornsea Projects One and Two;
 - Moray West;
 - North Hoyle;
 - Thanet Extension; and
 - Walney extension.

Statement of Experience: Philip Brashaw

- 4.28 Philip is an Associate at LDA Design. Philip led the preparation of the Landscape and Visual Resources chapter of the Environmental Statement, and the landscape mitigation and design of Hornsea Three onshore works.
- 4.29 Philip holds a post-graduate degree in Landscape Design and an Honours degree in Environmental Science.
- 4.30 Philip is a Chartered Member of the Landscape Institute with over 30 years' experience and specialises in the landscape planning and design of new developments, and in landscape and visual impact assessment.
- 4.31 Specific career experience includes:
- Landscape and Visual Impact Assessment and landscape design for Galloper Offshore Wind Farm including the offshore and onshore components.
 - Dudgeon Offshore Wind Farm onshore grid connection, preparation of landscape evidence for two Public Inquiries; one for the landfall and 27.7km of buried cable within North Norfolk District, and the second for a substation and grid connection within Breckland District.
 - Landscape and Visual Impact Assessment and preparation of landscape evidence for Llaithddu Wind Farm for the Mid Wales Conjoined Public Inquiry where five wind farms (each over 50MW) and grid connection to England were examined together.
 - Landscape and visual impact assessment and design for numerous onshore wind farms and other development projects.
 - Philip has presented evidence at seven Public Inquiries and six Hearings, and prepared evidence for a number of other Inquiries, Hearings and Examinations.

5. Navigation and other offshore operations

Introduction

- 5.1 The navigation and other offshore operations advisors described below appeared for the Applicant as follows:

Date	Hearing Topic(s)	Advocate(s)
4 December 2018	ISH1 into alternatives/design flexibility (offshore and onshore); onshore ecology; navigation/other offshore operations	Samantha Westwood, Ali MacDonald, Mark Prior, Richie Hinchcliffe, Dr Emily Wood, Fiona Nimmo

Statement of Experience: Samantha Westwood

- 5.2 Samantha Westwood is currently employed as a Principal Risk Analyst with Anatec Limited. Sam has over 20 years of experience within the maritime industry dealing with port and vessel operations as well as offshore installations. Her career started as a Deck Officer Cadet and after completing her NVQ in Merchant Vessel Operations she went on to gain a B.Sc. in Shipping Operations and continued with post graduate study in Shipping, Ports and the Environment.
- 5.3 In the marine consultancy industry, Sam has been actively involved in numerous offshore renewable projects as well other offshore developments from both marine operations and Health, Safety and Environment (HSE) aspects. Areas of expertise include undertaking Navigational Risk Assessments and Environmental Impact Assessments (including cumulative and transboundary assessments), marine risk management both pre and post consent including identification of control measures; marine spatial planning and collision and allision risk modelling.
- 5.4 Renewable project experience includes undertaking Navigational Risk Assessments and/or project manager for numerous projects including:
- Round 1 and 2 projects;
 - Hornsea Project One;
 - Hornsea Project Two;
 - Dogger Bank Creyke Beck;
 - Dogger Bank Teesside A & B;
 - East Anglia One;
 - East Anglia Three; and
 - Offshore wind farms within Scottish Waters.
- 5.5 Sam has also assisted with and led on previous Planning Inspectorate processes including examination hearings. Sam has also provided input to a number of projects around the world including projects in the United States and Europe.

Statement of Experience: Ali MacDonald

- 5.1 Ali MacDonald became a Director of Anatec in 2001. Ali has over 25 years of experience working in risk assessment in the offshore renewable, oil and gas and marine sectors and gained a M.Sc. in Petroleum and Offshore Engineering from the Robert Gordon University in Aberdeen. Ali has project managed marine risk assessments for a large number of both onshore and offshore installations and facilities including; Liquid Nitrogen Gas (LNG) terminals, nuclear

- intakes/outfalls, marinas, oil and gas pipelines, gas storage facilities, cable routes, floating production facilities, drilling rigs, satellite platforms, offshore wind farms and ports.
- 5.2 Areas of expertise include marine risk assessment of offshore wind farms, Hazard identification and Hazardous Operation (HAZOP) studies, offshore oil & gas collision risk analysis, risk assessments for offshore cables and pipelines.
- 5.3 Renewable project experience includes undertaking Navigational Risk Assessments and/or project manager for numerous projects including:
- Round 1 to 3 Projects within the Irish Sea;
 - Multiple Round 1 and 2 projects within the Southern North Sea;
 - Offshore wind farm & wave/tidal projects in Scottish Water;
 - Hornsea Project One;
 - Hornsea Project Two; and
 - Rampion.
- 5.4 Ali has also assisted with and led on previous Planning Inspectorate Processes including examination hearings.
- 5.5 Ali has also provided input to a number of projects around the world including oil & gas and offshore renewables projects in the United States, Baltic, Middle East, Europe and Australasia.

Statement of Experience: Mark Prior

- 5.6 Mark Prior is an aviation consultant with 39 years of experience in the industry. He is a graduate of the French Test Pilot Course (EPNER) and holds an EASA Class 1 Test Pilot Rating.
- 5.7 Mark is a Fellow of the Royal Aeronautical Society
- 5.8 Specific career experience includes:
- Royal Air Force (RAF) pilot, with the last six years as an Experimental Test Pilot testing new aircraft and systems. This included the certification of the Sea King Mk3A Search and Rescue (SAR) helicopter.
 - Chief Test Pilot for the Bristow Group, this included responsibility for running the Project Jigsaw SAR Trial and the testing of SAR equipment, such as twin hoists, FLIR and avionic systems.
 - Head of Global Operational Standard and SAR for the Bristow Group.
 - Member of industry regulatory and working groups belonging to ICAO, EASA, JAA, RTCA, EUROCAE and HeliOffshore.
- 5.9 Current projects include:

- Two safety related projects for the Civil Aviation Authority.
- Providing operational advice to the Irish Coastguard.
- Providing operational and safety support to the North Sea oil & gas iSARH consortium.
- Providing expert witness services to the Scottish Crown and Procurator Fiscal Service.
- Providing technical assistance to the Ministry of Defence on aligning military aircraft certification standards with civil standards.

Statement of Experience: Richie Hinchcliffe

- 5.10 Richie Hinchcliffe is an aviation specialist. He has over 38 years' aviation experience at every level from operational aircrew, operational airspace manager, national policy maker and regulator with the Civil Aviation Authority (CAA) and international Technical Advisor to the Single European Skies Air Traffic Management (ATM) Research Programme.
- 5.11 From 1978-2012, he served in the Royal Air Force. He amassed in excess of 5,000 flying hours (primarily on the Hawk, Phantom and Tornado); as an instructor and authoriser in numerous supervisory roles on different squadrons.
- 5.12 In 2012 he joined Osprey CSL as a specialist aviation consultant, working primarily for UK aviation interests, including support to many UK Airports. He has also represented airports and wind developers in assessing the impact of wind turbines on aviation activities. He has assessed, or assisted in assessing, more than 50 individual wind farms.
- 5.13 From 2005-2012 he was seconded to the CAA Directorate of Airspace Policy (now Airspace Regulation [AR]). CAA AR is responsible for the planning and regulation of all UK airspace, including the navigation and communications infrastructure to support safe and efficient operations. The power to make decisions regarding the use of UK airspace is vested within the CAA AR. As such he had the following specific responsibilities:
- Policy, advice, guidance and design approval for UK airspace
 - Management of Airspace Change Proposals;
 - Airspace aspects of Military Low Flying;
 - Interface with the MoD and HQ Air staff on low flying policy and procedures, including representing the CAA on the UKSAR Maritime and Aviation Consultative Committee
 - Interaction with other lower airspace users including policy and regulation of general lower airspace operations, onshore and offshore;
 - Airspace Policy aspects and ATS provision for helicopter ops in support of UK offshore oil and gas industry.
- 5.14 Richie's academic qualifications include the following:
- MoR: Management of Risk Foundation and Practitioner.
 - Project Management: PRINCE2 Foundation and Practitioner; Financial & Accounting.
 - Graduate of Bristol University, Aeronautical Engineering Honours Degree.
 - Masters Degree in Business Administration from the Open University.

- Ministry of Defence, RAF, weapon systems operator ground and airborne instructor.

Statement of Experience: Emily Wood

- 5.15 Dr Emily Wood is an Associate Project Director at RPS Energy. Dr Wood holds a doctorate in Environmental Chemistry from the University of North Wales, a postgraduate diploma in Analytical chemistry from the University of North Wales, a postgraduate diploma in Environmental Management from the University of Surrey and a Bachelor of Science in Marine Chemistry from the University of North Wales. She is a Chartered Environmentalist from the Institute of Environmental Management and Assessment (IEMA) and a member of the Institute of Impact Assessors (IIA).
- 5.16 Dr Wood has worked as an environmental advisor to the oil and gas and renewable energy sector for 25 years both in the UK and internationally. She is an approved environmental and social assurance manager for the International Finance Corporation (IFC) part of the World Bank Group for Category A development.
- 5.17 Dr Wood has extensive experience of project management and direction of EIA's including meeting UK regulatory regime, international regulations and the IFC requirements. Relevant project experience includes Project Manager for the Environmental Statement submission for the Bains Gas Storage Project in the East Irish Sea and topic lead for infrastructure and other users (including oil and gas), aviation and shipping for the Environmental Statement for Hornsea Project One and Hornsea Project Two.
- 5.18 Dr Wood has acted on behalf of the Applicant as topic lead for Hornsea Three on infrastructure and other users (including oil and gas) and aviation, during the pre-application consultation phase, post application phase and examination phase.

Statement of Experience: Fiona Nimmo

- 5.19 Fiona Nimmo is currently employed as an Associate Director at Poseidon Aquatic Resource Management Limited. Poseidon are a consultancy company who provide specialist advice on coastal management and environmental assessment; fisheries economics, processing, marketing and trade; fisheries policy, strategic planning, legislation and management; fisheries research and ecosystem-based science; compensation; certification; and aquaculture management.
- 5.20 Fiona is a fisheries consultant with over 10 years' experience and holds degrees in Marine Biology and Chemical Engineering. Fiona is also a member of the UK Fisheries Economic Network (UKFEN) and has been involved in developing guidance for practitioners in undertaking Economic Impact Assessments of special interventions on commercial fishing.
- 5.21 Prior to joining Poseidon, Fiona was a Senior Marine Environmental Consultant with Royal Haskoning DHV (from 2005 to 2009). Prior to that she was a Consultant at Nautilus Consultants Ltd. Throughout her career Fiona has been involved in Environmental Impact Assessments for offshore and onshore wind farms and marine tidal devices.
- 5.22 Fiona has acted on behalf of the Applicant as the commercial fisheries topic lead during the pre application consultation phase, post application phase and examination phase for Hornsea Three.

5.23 Specific career experience includes providing fisheries and/or fish and shellfish ecology advice on the following UK renewable energy projects:

- Hornsea Project One;
- Hornsea Project Two;
- Argyll Tidal Array;
- Navitus Bay Offshore Wind Farm;
- Round 3 zone appraisals for Bristol Channel;
- Irish Sea Projects;
- Moray Firth and Firth of Forth Projects;
- Sound of Islay Tidal Array Project; and
- Thanet Offshore Wind Farm.

Others

5.24 Evidence presented by Samantha Westwood and Ali MacDonald also drew on the experience of John Beattie (who did not speak at ISH1).

Statement of Experience: John Beattie

5.25 John Beattie is a Principal Risk Analyst with Anatec with over 20 years of experience managing risk assessments for the offshore renewables, oil & gas and marine industries. John gained a B.Eng (Hons) in Chemical Engineering and an M.Sc. in Information Technology Systems from Strathclyde University.

5.26 In offshore wind, John has worked on and/or project managed numerous UK wind farm Navigational Risk Assessments including:

- Robin Rigg;
- Hywind;
- Hornsea Project One;
- Hornsea Project Two;
- Humber Gateway;
- London Array;
- Burbo Bank; and
- Walney.

5.27 For Robin Rigg, John was an expert witness at Scottish Parliamentary Committees and for Burbo Bank and Walney Extensions, Mr Beattie provided evidence to the Planning Inspectorate examination hearings.

- 5.28 In oil & gas, John has carried out numerous vessel collision risk assessments for surface and subsea assets, covering risks from passing commercial vessels, visiting (infield) vessels and fishing vessels. These have been used to support Safety Case updates. More generally in oil & gas, Mr Beattie has been involved in Safety Cases, Thorough Reviews and Comparative Risk Assessments, as well as HSE / industry research on vessel collision risk management.

6. The Applicant (Ørsted Hornsea Project Three Ltd)

Introduction

- 6.1 The following project team members described below appeared for the Applicant as follows:

Date	Hearing Topic(s)	Advocate(s)
3 December 2018	Open Floor Hearing	Andrew Guyton, Stuart Livesey
4 December 2018	ISH1 into alternatives/design flexibility (offshore and onshore); onshore ecology; navigation/other offshore operations	Andrew Guyton, Stuart Livesey, Gareth Parker, Oliver Palasmith, Celestia Godbehere, Meltem Duran, Laurence Cross, Richard Grist
5 December 2018	ISH2 into offshore ecology	Andrew Guyton, Felicity Browner
6 December 2018	ISH3 into the draft DCO	Andrew Guyton, Karma Leyland, Sarah Drljaca, Meltem Duran
7 December 2018	ISH4 into other onshore matters	Andrew Guyton, Richard Grist, Sarah Drljaca, Celestia Godbehere

Statement of Experience: Stuart Livesey

- 6.2 Stuart Livesey is currently employed as a Project Development Manager in the Project Development Management team at Ørsted. Stuart has over 10 years' experience in offshore wind energy with a focus on early development, strategy, consenting and overall project development management. Prior to working at Ørsted, Stuart worked as a senior environmental consultant at RSK Environment Ltd, working largely with offshore/estuarine renewables, oil and gas and onshore linear projects) across the low carbon; private energy; and environmental management sectors in the UK, and across the Middle East.
- 6.3 Throughout his time at Ørsted, Stuart has been involved in UK project development with consent management of both development, construction and operational offshore wind farm projects, and also managing large-scale Nationally Significant Infrastructure Projects (such as Hornsea Project Three) in the development phase within Ørsted's Project Development department. Most recently Stuart has worked as a Project Development Manager on the Hornsea Three and Hornsea Four projects, and assisted in due diligence assessments for the recent Round Three extension projects recently leased by The Crown Estate. Stuart's role as Hornsea Three Project Development Manager includes the following responsibilities:

- Secure overall objectives for the project are met;
- Facilitate and manage project development organisation;
- Secure quality of deliveries from the teams within project;
- Ensure HSE is managed and a Safety case is being developed;
- Manage project stakeholders and communication;
- Manage interfaces towards Product Lines;
- Ensure handover to Execution;
- Ensure fulfilment of business objectives;
- Ensure coordination of adequate change management;
- Drive project business case towards optimised and successful pre-FID;
- Define and manage overall development budget, project scope and time schedule;
- Secure DEVEX, CAPEX and OPEX budgets and provide inputs to Business Case;
- Ensure compliance with DEVEX budget;
- Ensure deliverables from project teams;
- Assure compliance to companies internal quality standards and secure proper project documentation;
- Secure the project complies with internal and external HSE requirements; and
- Ensure all project risks are assessed, managed and mitigated (risk register).

Statement of Experience: Andrew Guyton

- 6.4 Andrew Guyton is employed as a Project Manager in the Environment and Consents team at Ørsted since May 2017. Andrew has over 15 years of experience in securing consents under The Planning Act 2008, Town and Country Planning Act 1990 and under international legislation. Andrew has worked across offshore and terrestrial renewables, utilities, commercial, retail and residential sectors.
- 6.5 Andrew's role on Hornsea Three Project is Consents Manager, which includes the following responsibilities:
- Manage the Applicant's environment and consents team.
 - Manage communication of consent matters with the project management, site and land rights, commercial, communications, legal, technical, support services and HSE teams.
 - Act as the Applicants primary point of contact with the Planning Inspectorate and Examining Authority through the post submission / examination period.
 - Manage supporting consultant teams.
 - Manage Applicant's deliverables submitted into the examination.
 - Manage engagement with stakeholders and interested parties.
 - Support community consultation and engagement activities.

Statement of Experience: Gareth Parker

- 6.6 Gareth Parker is employed as an Electrical Project Manager, working mainly on the Hornsea 3 project. Gareth has occupied several technical and management roles across multiple projects and over 6 cumulative years with Ørsted. In total, Gareth has over 12 years' experience in the power industry gained with National Grid, Ørsted and international consultancies; having undertaken electrical design and project management for offshore wind development projects in Europe and Asia-Pacific regions.
- 6.7 Gareth is a Chartered Engineer and holds a MEng Hons in Mechanical Engineering from Bristol University.
- 6.8 Gareth's role as Electrical Project Manager on the Hornsea 3 Project entails:
- Overall responsibility for the design and compliance of the electrical system, from turbine to grid (excluding onshore and offshore substation structures).
 - Responsible for the setting of the design envelope for associated electrical infrastructure.
 - Overseeing planning of the offshore and onshore cable installation works.
 - Coordinating supplier engagement and procurement activities in the development phase.
 - Representing the electrical scope at external meetings and events.
 - Responsible for scheduling and planning of construction & preconstruction activities.
 - Securing connection of the Hornsea 3 project to the National Grid system.

Statement of Experience: Oliver Palasmith

- 6.9 Oli Palasmith is currently employed as a Senior Commercial Manager in the Commercial Management team at Ørsted. Oli has 6 years' experience in offshore wind energy with a focus on early market development, strategy and project commercial management. Prior to working at Ørsted, Oli worked as a management consultant at Accenture, working across the low carbon; retail energy; and telecommunications sectors in the UK.
- 6.10 Throughout his time at Ørsted Oli has been involved in UK market development and European market strategy within Ørsted's Project Development department. Most recently Oli has worked as a Commercial Manager on the Hornsea 3 and Isle of Man development projects. His role as Hornsea 3 Commercial Manager includes the following responsibilities:

- contract negotiation and stakeholder management;
- business case analysis;
- management of commercial fisheries;
- responsibility for delivery of windfarm operations and maintenance solution and associated OPEX modelling;
- internal financial reporting;
- provision and implementation of project financial securities;
- CfD bid preparation and analysis;
- supply chain plan coordination;
- program, resource and budget management

Statement of Experience: Celestia Godbehere

- 6.11 Celestia Godbehere is currently employed as an Environment and Consents Specialist at Ørsted as an Onshore Environment Manager for Hornsea Three, having worked on the project since the pre-application phase. Prior to working at Ørsted Celestia worked as a data and engagement lead for the G+ Global Offshore Wind Health and Safety Organisation, as well as roles in local government (Devon County Council and the London Borough of Waltham Forest) and environmental data collection (Imerys Ceramics).
- 6.12 Celestia holds an MSci in Earth Sciences from University College London and and MSc in Environment, Politics and Development from SOAS University of London, and is an Associate Member of the Energy Institute.
- 6.13 Celestia's key experience during her time at Ørsted includes:
- Co-ordination of the Hornsea Three application submission.
 - Management of specific onshore EIA topics post-Application including Geology and Ground Conditions, Hydrology and Flood Risk and Ecology and Nature Conservation.

Statement of Experience: Meltem Duran

- 6.14 Meltem is the Concept and Layout Manager for Hornsea Project Three. She is in charge of the layout design of the project, as well as the overall technical design and project design envelope.
- 6.15 Meltem holds a M.Sc. in Mechanical Engineering with a focus on Wind Energy from the University of Massachusetts Amherst. She is also currently a PhD candidate in the same area.
- 6.16 Meltem is a mechanical engineer with over 10 years' experience in wind energy, both onshore and offshore. Prior to Ørsted, she worked as a researcher in wind energy, a lecturer in Mathematics, and as a renewables consultant working on projects globally.
- 6.17 Specific career experience includes:

- Technical due diligence of onshore wind and solar PV projects in East Africa, Middle East, Turkey, UK, including planning and environmental review, energy yield assessments.
- Project management for energy yield assessments, wind flow modelling, measurement campaigns, micro-siting and site optimisation.
- Resource engineer on projects in USA, Canada and the Caribbean.
- Micro-siting, geotechnical analysis and environmental impact studies for the proposed Hull Offshore Wind Farm, in Hull, MA, USA.
- Development of a graduate level course in Offshore Wind Power at the University of Massachusetts.
- Lecturer on Introduction to Wind Energy Engineering.

Statement of Experience: Felicity Browner

- 6.18 Felicity Browner is currently employed as a Senior Environmental and Consent Specialist at Ørsted and is currently Lead Offshore Environment Manager for Hornsea Three, having been working on the project since the pre-application phase. Prior to working at Ørsted Felicity worked as an offshore assistant developer at RES UK Ltd and at HS2 Ltd assisting in the Environmental management of the route.
- 6.19 Felicity holds a BSc in Geography and an M.Sc. in Marine Science from the University of Plymouth.
- 6.20 During her time at Ørsted Felicity has been involved in UK project development with environment and consent management in all phases of offshore wind farm projects; development, construction and operations and maintenance.
- 6.21 Felicity's key experience during her time at Ørsted includes:
- Post consent compliance for Burbo Bank Extension including managing the production pre-commencement plans.
 - Consent manager during construction phase of Burbo Bank Extension and contributing to the OFTO transaction.
 - Compliance during the Operations & Maintenance phase for a range of Ørsted projects including Westernmost Rough and West of Duddon Sands.
 - Management of specific offshore EIA topics including Benthic Ecology and Ornithology for pre-application and examination phase for Hornsea Three.
 - All project roles have included range of responsibilities including Stakeholder Engagement, Management of scientific surveys and data analysis and keeping up to date with industry research.

Statement of Experience: Laurence Cross

- 6.22 Laurence Cross is employed as a Lead Geotechnical Engineer within the Subsea Cables Team and works across the Ørsted project portfolio providing specialist support in Development, Design, Execution and Operational Phases. Laurence has 14 years' experience in offshore foundation and cable design. He is the technical lead for 11 engineers whose responsibility it is to manage geotechnical risk for the safe design and installation of subsea cables.
- 6.23 Laurence holds a BEng in Geotechnical Engineering and Engineering Geology
- 6.24 Laurence's role as Lead Geotechnical Engineer on the Hornsea 3 Project entails:
- Scoping and interpretation of geoscience data acquisition to develop a ground model for the site to ensure ground-based risk is managed
 - Tool performance assessments to ensure the optimal installation tool is chosen which meets the burial requirements and ensuring the project design envelope is adhered to
 - Undertaking the Cable Burial Risk Assessment to define burial requirements for the export and inter-array cables
 - Coordinating seabed mobility assessments to ensure seabed risk is fully understood during design of burial and installation
 - Overseeing route clearance and trenching works to ensure all design and consent requirements are adhered
 - Performing as-built risk assessment post installation and defining remedial works strategy if required

Statement of Experience: Sarah Drljaca

- 6.25 Sarah Drljaca is employed as a Senior Project Lead at Ørsted, sat within the Environment and Consents team at Ørsted since May 2017. She is currently Lead Onshore Consents Manager for Hornsea Project Three. Prior to working at Ørsted, Sarah worked within an Environmental Impact Assessment consultancy with experience in securing consents under The Planning Act 2008, Town and Country Planning Act 1990 and under international legislation, working across offshore infrastructure, utilities, commercial, retail and residential sectors.
- 6.26 Sarah holds an MSc in International Marine Environmental Consultancy, and BSc in Biological Sciences; and is a practitioner member of the Institute of Environmental Management and Assessment and the National Infrastructure Planning Association.
- 6.27 Sarah's role on Hornsea Three Project, includes the following responsibilities:
- Manage the Onshore Hornsea Three Environment and Consents team.
 - Manage communication of consent matters with the projects project management, site and land rights, commercial, communications, legal, technical, support services and HSE teams.
 - Manage supporting onshore consultant team.

- Manage Applicant's deliverables as they relate to the onshore environment into the examination.
- Manage engagement with interested parties as they relate to the onshore environment.
- Support community consultation and engagement activities.

Statement of Experience: Karma Leyland

- 6.28 Karma is an Environmental Manager with over 25 years' international experience working in areas of environmental permitting and energy and marine resource policy in the offshore wind power and submarine cabling industries. She holds an MSc in Environmental Management from the Open University.
- 6.29 Karma is currently employed as a Senior Project Lead at Ørsted and is currently Lead Offshore Human Environment Manager for Hornsea Project Three.
- 6.30 During her time at Ørsted Karma has been part of the UK Environment and Consents team supporting work in both the operations and maintenance and development phases of offshore wind farm projects.
- 6.31 Karma's key experience during her time at Ørsted includes:
- Operations and maintenance Consents Manager for London Array, Westernmost Rough and Lincs Offshore Wind Farms.
 - Consents Manager for decommissioning of two offshore meteorological towers on Shell Flat.
 - Project management of human environment issues related to the Hornsea Three Project.
 - Project roles have included a range of responsibilities including compliance, stakeholder engagement, management of scientific surveys, and securing or varying marine licenses, as required.

Statement of Experience: Richard Grist

- 6.32 Richard Grist is currently employed as a Senior Land & Property Manager at Ørsted and has been with the company for 2 years working solely on Hornsea Three. Richard has over 10 years' experience in renewable energy and previously worked for 5 years as England and Wales Property Manager at Renewable Energy Systems (RES) working primarily on onshore wind sites in England and Wales, but also on battery storage and solar sites. Prior to that Richard worked as Regional Director for a solar developer.
- 6.33 Richard holds a BSc Hons in Geography and a MSc in Surveying.
- 6.34 Richard's role as Hornsea 3 Land & Property Manager includes the following responsibilities:
- initial land identification and land referencing;
 - cable route and associated infrastructure site selection;

- negotiation of voluntary agreements;
- management of consultants undertaking transactions on the company's behalf;
- compulsory acquisition submissions for Development Consent Order;
- programme and budget management;
- ensure that construction and operational activities comply with land and other agreements.