(ABP: 3 of 3 – DL7)

Proposed Lake Lothing Third Crossing (TRO10023) Associated British Ports (20013261)

Curriculum Vitaes (CVs)

- ABP has provided short CVs setting out the qualifications and experience of ABP representatives and other various technical experts who have provided evidence and assistance on behalf of ABP in respect of the LLTC scheme:
 - a) Andrew Harston, Regional Director Short Sea Ports, ABP **Annex 1**;
 - b) Michael Stacey, Head of Projects Commercial, ABP **Annex 2**;
 - c) Gary Horton, Harbour Master and Pilot, ABP Lowestoft Annex 3;
 - d) Richard Musgrove, Projects Support, ABP Lowestoft Annex 4;
 - e) Rob Holmes, Estate Manager Short Sea Ports, ABP Annex 5;
 - f) Monty Smedley, Maritime Principal Consultant, ABPmer Annex 6;
 - g) Adam Fitzpatrick, Maritime Senior Consultant, ABPmer Annex 7; and
 - h) Phillip Rowell, Director, Adams Hendry Consulting Ltd Annex 8.
- 2. These CVs are set out in order below.

ANNEX 1 – ANDREW HARSTON

Andrew Harston	Regional Director, Short Sea Ports, ABP
Area Of Specialism and Relevant Work Experience	 Andrew is a proven port industry executive with 35 years' experience in both the UK and overseas. In addition to sector experience, Andrew holds a degree in Maritime Studies and MBA from the University of Wales Cardiff. 2014 to date - Associated British Ports, Regional Director Short Sea Ports
	 Board member of ABP responsible for one of the four ABP Regions; Short Sea, comprising:- 1. Eleven UK ports in Scotland, NW England, SW England and East of England 2. £50 million revenue 3. 300 employees 4. Approx. 5 million tonnes cargo handed 5. A varied business region with strong representation in Agribulk & Construction sectors and military submarine construction at Barrow in Furness and ferry operations to France & Spain via Plymouth. Numerous offshore Wind O&M activities at Barrow in Furness & Lowestoft 2000 to 2014 - Hutchison Ports (UK) Limited

HPUK Port Development Director, 2008 - 2014

- Responsible for obtaining planning consent from the SoS through Public Inquiry and subsequent o time on cost development of the Felixstowe South, Berth 8 & 9 Deep Sea Container Terminal project at the Port of Felixstowe, a £350m investment in expanding capacity & capability at the UK's premier deep sea container port.
- Responsible for maintaining the Bathside Bay Container Terminal planning consent and for promoting the variation of the consent to include Offshore Wind Port capability.
- Responsible for promoting, attending and successfully achieving TWAO consent for the Felixstowe Branch Line rail development works. Responsible for the development of the Port of Felixstowe's strategic approach to development and management of rail terminal capacity and slot allocation.
- Responsible for and managed the development, and construction management of the UK's largest intermodal container terminal, the £36m New North Rail Terminal at the Port of Felixstowe.

Chief Operating Officer – London Thamesport & Harwich International Port, 2010 – 2014

• Responsible to the UK Chief Executive for the Safe & Profitable operation of HPUK's other two UK port investments, London Thamesport and Harwich International Port comprising 400 employees.

General manager Ro Ro, Warehousing & Rail, 2000 - 2008

 Responsible for all none-container activities of Hutchison Ports in the UK including Harwich International Port, Port of Felixstowe Warehousing Division, Port of Felixstowe Rail Division and Felixstowe Tank developments. £50m Revenue, High profitability and 800 employees.

1997 to 2000 – Independent Port Consultant

- Providing services in respect of Commercial & Operational Due Diligence in respect of Europe's largest container terminal operator in Rotterdam; Europe Combined Terminals.
- Employed in a project at the Port of Felixstowe to review business process and operations as a member of a Business Efficiency Programme.

1996 to 1997 - Cardiff Business School – MBA with Distinction, full time one year programme

1995 to 1996 - Killingholme Wharfage Company

General Manager of a busy short sea port operation on the Humber Estuary adjacent to Immingham. A division of The Simon Group.

1993 to 1995 - Business Development executive, Tees & Hartlepool Port Authority Limited

Responsible as Head of Commercial for the busy and highly profitable Docks Division of THPAL.

1988 to 1993 - Maritime Transport Services Ltd, Divisional Ports Director

Responsible for a number of Short Sea port operations in the UK in addition to the Operations Director role at Freeport Terminal Malta a joint venture with the Government of Malta to develop a state of the art container transhipment terminal at Marsaloxx, Malta and also held the role of managing director of MTSL port services company; Paul Magnus Group.

1986 to 1987 - Southern Port Services (Newhaven) Ltd

General Manager responsible for a small, mixed bulk, general & container operation at Newhaven situated on South Coast UK.

1985 to 1987 - Felixstowe Dock & Railway Company

Operations Manager, Northern Division comprising busy RoRo, Warehousing and LoLo container activities.

1983 to 1985 - Associated British Ports

Originally recruited as a graduate trainee and then promoted in April 1984 to Superintendent (Container Operations) at the Port of Southampton.

1979 to 1983

University of Wales Institute of Science & Technology (now Cardiff University). Successfully completed the BSc Maritime studies degree scheme specialising in Maritime Geography, class 2:1.

Qualifications

- Bachelor of Sciences, Maritime Studies
- Master of Business Administration (M.B.A), Business/Commerce, General

ANNEX 2 – MICHAEL STACEY

Michael Stacey	Head of Projects – Commercial, ABP
Area Of Specialism and Relevant Work Experience	Michael has been employed by ABP since 1990 in a variety of roles, initially in finance (including Finance Director of ABP's property arm, Grosvenor Square Properties PLC and Chief Financial Officer of ABP's then US subsidiary, American Port Services), then moving a number of operational roles (including Assistant Port Manager, Southampton and Deputy Port Manager, Hull) and, more recently, project based work such as managing and coordinating ABP's response to the Welsh Government's M4 proposals. Michael was appointed to the role of Head of Projects – Commercial in 2008.
Qualifications	BA honours degree in GeographyQualified Chartered Accountant 1989

ANNEX 3 – GARY HORTON

Gary Horton	Harbour Master/Pilot – ABP Lowestoft
Area Of Specialism and Relevant Work Experience	Commenced career in Merchant Navy 1979. Undertook a structured programme of vessel operational training resulting in qualification as Master II/2 in 1989.
	Obtained first command in 1999 and served as Master until changing career for a shore based position in 2007. Prior to this obtained some experience working as an Assistant Marine Superintendent to help oversee company vessel new build program.
	 Career in the ports industry as follows:- 2007 Qualified as Pilot at the Port of Lowestoft. 2009 Promoted to Deputy Harbour Master/Pilot. 2017 Promoted to Harbour Master/Pilot.
	Has gained extensive experience of Marine Safety Management Systems and navigational risk management at an operational level.
	Extensive ship-handling experience and pilot training. Management of port marine operations. Involvement in the development of port based operations to support Offshore Windfarm Projects from Lowestoft, including Greater Gabbard, Galloper and EAONe. Has been supporting ABP Lowestoft's involvement with the LLTC and the LFRMP projects. PFSO for the Port of Lowestoft.

Qualifications

- Master II/2 LEA <5000GT Warsash College 1989
- Authorised as Lowestoft Harbour Pilot 2007

ANNEX 4 – RICHARD MUSGROVE

Richard Musgrove	Projects Support – ABP Lowestoft
Area Of Specialism and Relevant Work Experience	Richard began his career in the Merchant Navy in 1974 undertaking a structured programme of vessel operational training resulting in qualification as an Unlimited Master Mariner in 1986. During this time he served in vessels ranging in size from 2000-150000 GT.
	 In 1987 Richard began a career in the Ports Industry. During this 32 year career he has served as;- Vessel Traffic Service Manager with Harwich Haven Authority Pilot at the Port of Lowestoft Harbour Master at the Port of Lowestoft Harbour Master at the Port of Great Yarmouth Operations and Marine Manager at the Port of Lowestoft
	Richard has extensive experience of Marine Safety Management Systems and navigational risk management at an operational level. He has extensive ship-handling experience as well as in the management of port marine operations. In 2002 he began supporting Offshore Windfarm Projects working from the Port of Lowestoft. These have included Sroby Sands, Lincs, Greater Gabbard, Sheringham Shoal and EAONe. In March 2017 Richard began supporting ABP Lowestoft's work on the LLTC and the LFRMP projects.
Qualifications	 Master Mariner Unlimited, Plymouth Polytechnic, 1986 Authorised as Lowestoft Harbour Pilot 1990.

• Authorised as Lowestoft Harbour Pilot 1990.

ANNEX 5 – ROB HOLMES

Rob Holmes	Estate Manager – Short Sea Ports, ABP
Area Of Specialism and Relevant Work Experience	Rob has over 30 years' experience dealing and advising in property matters and has been a qualified general practice chartered surveyor since 1997.
	Beginning his property career in Lowestoft as a trainee surveyor Rob quickly progressed to specialising in commercial property predominantly throughout East Anglia from bases in Ipswich, Cambridge, Chelmsford and Northampton and more recently on a national basis in connection with his current role in the management of 11 port estates located between Scotland and the South West of England.
	Rob has extensive experience advising in professional property matters of industrial, office, retail and port related businesses, acting on behalf of private clients, companies and institutions throughout his career. Clients have included Hutchison Whampoa at the Ports of Felixstowe, Harwich and Thamesport, The Wolseley Group on their portfolio of stores throughout the Home Counties and South East, and port related interests of Trinity College Cambridge, as well as high street banks and pension funds.
Qualifications	 Member of the Royal Institution of Chartered Surveyors BSc (Hons) Land Management & Development BTEC Building Studies

ANNEX 6 - MONTY SMEDLEY

Monty Smedley	Maritime Principal Consultant, ABPmer
Area Of Specialism	Monty is a Maritime Principal Consultant with over 20 years' experience as a marine scientist. He is ABPmer's leads on navigation and shipping projects, with a focus on navigational risk management, marine impact assessments and port compliance auditing. Monty has managed a wide range of technical maritime work including support for large infrastructure projects, Development Consent Order (DCO) submissions, harbour authority powers advice and managing marine risk. Monty has authored port authority marine safety management systems, accident/incident reporting systems and developed procedure manuals for ports. He is also a Designated Person under the Port Marine Safety Code.
Qualifications	 BSc (Hons) Maritime Studies, Southampton Institute (Warsash Maritime Academy), 1997
Relevant Work Experience	2019, Wylfa Newydd Nuclear Power Plant (Jacobs, on behalf of Horizon Nuclear Power) Project Manager for the Harbour Authority Powers DCO development project. Joint-technical lead for ports and navigation topics at the DCO Examination.
	2018, M4 Corridor Around Newport (ABP South Wales) Project manager for ABP's navigational risk assessment for the M4 relief road crossing at Newport Docks.
	2018, Two-Pilot Risk Assessment (Port of London Authority) Workshop evaluation of the transit risk from an Ultra Large Container Ship passage from the Sunk, to London Gateway.
	2018, QHM Ports (Ministry of Defence, UK): Working alongside staff from the Queen's Harbour Master department on-site in the Falklands, Gibraltar, Clyde and Portsmouth, project managed the development of Navigational Risk Assessments.
	2017, Peel Ports (Peel Ports Group): Project managed Formal Safety Assessments (FSA) for Vessel Traffic Service at the Ports of London Medway and Great Yarmouth.

ANNEX 7 – ADAM FITZPATRICK

Adam Fitzpatrick	Maritime Senior Consultant, ABPmer
Area Of Specialism	Adam is an experienced mariner, having worked as chief officer for a towage company and a deck officer on cruise vessels for Carnival UK. His experience as a mariner provides a working knowledge of vessel safety management and operational procedures. Adam is an experienced Port Marine Safety Code auditor, leading audit teams on compliance checks. Adam is also an experienced manager for project types including navigational risk assessments (NRAs), vessel mooring analysis, vessel monitoring, berth utilisation and the drafting of port operational guidance. Adam is a graduate of Warsash Maritime Academy with qualifications in marine operations and an Officer of the watch (Unlimited) certificate of competency.
Qualifications	 Officer of the Watch Unlimited (Warsash Maritime Academy) FD Marine Operations (Warsash Maritime Academy) BSc Mathematics Degree (Loughborough University)
Relevant Work Experience	2019, Wylfa Newydd Nuclear Power Plant (Jacobs, on behalf of Horizon Nuclear Power): Project Manager and lead author for the Navigational Risk Assessment. Joint-technical lead for ports and navigation topics at the DCO Examination.
	2018, Peel Ports (Peel Ports Group): Author for the Formal Safety Assessments (FSA) for Local Port Services on the Manchester Ship Canal.
	2017, North West Coast Connections EIA (National Grid): Project manager for the navigational chapter and navigational risk assessment in support of the Morecambe Bay cable crossing for National Grid.
	2016, Kyleakin Feed Mill (Marine Harvest (Scotland) Ltd): Principal risk assessor for the Navigation Risk Assessment in support of a Feed Mill Facility at Kyleakin, Isle Of Skye.

ANNEX 8 – PHILLIP ROWELL

Philip Rowell	Director, Adams Hendry Consulting Ltd
Area Of Specialism and Relevant Work Experience	Philip is a Director of Adams Hendry Consulting Ltd – an independent firm of chartered town planners and environmental consultants.
	Since graduating in 1997 Philip has worked continuously in the field of town planning with Adams Hendry. The professional experience gained over this period has been wide ranging. A large proportion of this experience has been gained in respect of large-scale transport schemes and environmental impact assessment matters. Philip has advised on the undertaking of numerous environmental impact assessments and has authored and been responsible for the production of various Environmental Statements (ES). Philip has also given evidence on environmental assessment matters at various examinations and inquiries.
Qualifications	 Bachelor of Arts Degree in planning studies, 1996 Post Graduate Diploma in planning from Oxford Brookes University, 1997 - 5he Post Graduate Diploma included a specialism in Environmental Impact Assessment (EIA) Member of the Royal Town Planning Institute, 1999

- Member of the Chartered Institution of Highways & Transportation (2011)
- Director responsible for maintaining Adams Hendry's membership of the Institute of Environment Management and Assessment (IEMA) EIA Quality Mark Scheme