



**FRANCE-ALDERNEY-BRITAIN (FAB)
LINK INTERCONNECTOR:**

Alderney Environmental Report - DRAFT

July 2016

On behalf of FAB Link Ltd

Our Ref: OXF 7729

RPS

20 Western Avenue
Abingdon
Oxon
OX14 4SH

Tel: 01235 821888

Email: barrettm@rpsgroup.com

Contents

Chapters

Executive Summary

- 1 Introduction
- 2 Project Description
- 3 Ecology and Nature Conservation
- 4 Archaeology and Cultural Heritage
- 5 Access, Traffic and Transport
- 6 Air Quality and Health
- 7 Noise and Vibration
- 8 Hydrology and Flood Risk
- 9 Geology, Hydrogeology, Ground Conditions and Contamination
- 10 Land Use and Recreation
- 11 Draft Code of Construction Practice (CoCP)

Figures

- Figure 1.1: Schematic Overview of FAB Link Interconnector Project
- Figure 2.1: Cable Route
- Figure 3.1: Phase 1 Habitat Survey
- Figure 4.1: Designated Heritage Assets
- Figure 4.2: Prehistoric and Roman Sites
- Figure 4.3: Post-Roman Sites
- Figure 4.4: World War II Locations
- Figure 4.5: Mapped Location of 'Russian' Cemetery
- Figure 4.6: Aerial Photograph – August 1943
- Figure 4.7: Aerial Photograph – October 1943
- Figure 4.8: Aerial Photograph – May 1944
- Figure 4.9: Cemetery and Proposed Buffer Zone
- Figure 4.10 - 4.11: Caesium Vapour Magnetometry
- Figure 5.1: Local Highway Network and Access Roads

Figure 6.1:	Buffer Zones for Construction Dust Assessment
Figure 7.1:	Noise Sensitive Receptors
Figure 8.1:	Hydrology Study Area
Figure 10.1:	Recreational Resources

Appendices

Appendix 2.1:	Utilities Plan
Appendix 3.1:	AWTE Ecological Assessment Interim Report
Appendix 3.2:	Email Correspondence with Hedgehog Recorder
Appendix 4.1:	Site Gazetteer
Appendix 5.1:	Construction HGV Traffic Flows – Trench Construction
Appendix 5.2:	Construction HGV Traffic Flows – Landfalls
Appendix 5.3:	Construction HGV Traffic Flows – Haul Road
Appendix 5.4:	Construction HGV Traffic Flows - Compounds
Appendix 5.5:	Construction HGV Traffic Flows – Total Per Access
Appendix 5.6:	Construction HGV Traffic Flows – Offsite Storage Calculations
Appendix 6.1:	Electric and Magnetic Fields (EMF) Report
Appendix 6.2:	Construction Dust Assessment Methodology
Appendix 7.1:	Construction Noise Assessment Calculations
Appendix 9.1:	Desk Study for Potential Unexploded Ordnance Contamination
Appendix 9.2:	CIRIA 552 Tables
Appendix 10.1:	Geological Map of Alderney

Definition of Terms

‘Project’	The FAB Link Interconnector Project in its entirety, including all onshore and offshore works in the UK, Alderney and France.
‘Cable route’	The footprint of the temporary land take for the installation of the interconnector cable.
‘Easement’	The permanent 12 metre land take required for the cable to service the cable.

Glossary

AADT:	Annual Average Daily Traffic
ABO:	Alderney Bird Observatory
ALC:	Agricultural Land Classification
ARE:	Alderney Renewable Energy Ltd
BAP:	Biodiversity Action Plan
BPM:	Best Practicable Means
CEMP:	Construction Environmental Management Plan
CHSR:	Conservation of Habitats and Species Regulations
CIEEM:	Chartered Institute for Ecology and Environmental Management
CRoW:	Countryside and Rights of Way Act
CSM:	Conceptual Site Model
CWS:	County Wildlife Site
DECC:	Department for Energy and Climate Change
EA:	Environment Agency
EDDC:	East Devon District Council
EDLP:	East Devon Local Plan
EHO:	Environmental Health Officer
EIA:	Environmental Impact Assessment
FAB:	France-Alderney-Britain
Ha:	Hectare
HDD:	Horizontal Directional Drilling
HDV:	Heavy Duty Vehicle
HR:	Hedgerows Regulations
HVAC:	High Voltage Alternating Current
HVDC:	High Voltage Direct Current
LDV:	Light Duty Vehicle
LNR:	Local Nature Reserve
MW:	Megawatt
NERC:	Natural Environment and Rural Communities Act
NETS:	National Electricity Transmission System

NNR:	National Nature Reserve
NO ₂ :	Nitrogen dioxide
NPPF:	National Planning Policy Framework
NPS:	National Policy Statement
NSR:	Noise Sensitive Receptor
Ofgem:	The Office of Gas and Electricity Markets
OSWI:	Other Site of Wildlife Interest
OFTO:	Offshore Transmission Operator
PBA:	Protection of Badgers Act
PCI:	Project of Common Interest
PM ₁₀ :	Particulate Matter
RSPB:	Royal Society for the Protection of Birds
RTE:	Réseau de Transport d'Électricité
SAC:	Special Conservation Area
SoA:	States of Alderney
SPA:	Special Protection Area
SSSI:	Site of Special Scientific Interest
UK BAP:	United Kingdom Biodiversity Action Plan
UWS:	Unconfirmed Wildlife Site
UXO:	Unexploded Ordnance
WCA:	Wildlife and Countryside Act