

Reference	Project Element					Activity	Project Stage Commitment / Priority	Hornsea Project 4 Commitment	Onshore Topic relevance							Offshore Topic relevance							Classification	Where is the approved commitment secured				
	Onshore ECR	Offshore ECR	Landfall	Onshore Substation	Array				Geology & Ground Conditions	Hydrology & Flood Risk	Historic Environment	Land Use & Recreation	LVA	Noise & Vibration	Ecology	Air Quality & Health	Traffic & Transport	Marine Processes	Benthic	Offshore & Intertidal Ornithology	Fish & Shellfish	Marine Mammals			Commercial Fisheries	Ship & Nav	Marine Archaeology	Seascape & Visual Resource
Co1	X		X	X		Construction	RPSS	All natural watercourses including main rivers and ordinary watercourses (not artificial drainage ditches, flood defences), main roads and railways will be crossed by HDD or other trenchless technology where technically practical.	X	X			X		X											Primary	CoCP and DCO requirement	
Co2	X		X	X		Construction	RPSS	Where practical the following sensitive sites will be avoided by the permanent project footprint: SSSI Units, Ancient woodland, areas of consented development, areas of historic landfill and other known areas of potential contamination, RSPB reserves, Local Nature Reserves, Local Wildlife Sites, Yorkshire Wildlife Trust Sites, National Trust Land, Listing Buildings and Scheduled Monuments. Where possible, unprotected areas of woodland, mature and protected trees (those with Tree Preservation Orders TPOs) shall also be avoided.	X		X		X		X											Primary	DCO Works Plans and Order limits	
Co7	X					Construction	Scoping	The construction working area will typically be 80m working width along the underground cable route to minimise the construction footprint. Other crossings may expand this default to greater than 80m (HDD and local factors, over small lengths). The permanent width will be 60m.	X				X		X											Tertiary	DCO Works Plans and Order limits	
Co10	X		X	X		Construction	Scoping	Post-construction the working area will be reinstated to pre-existing condition as far as reasonably practical in line with DEFRA 2009 Construction Code of Practice for the Sustainable Use of Soils on Construction Sites PB13298.	X	X	X	X	X													Tertiary	CoCP and DCO requirement	
Co22	X		X	X		Construction	Scoping	The following applies to both construction and operation: Refuelling of machinery will be undertaken within designated areas where spillages can be easily contained. Machinery will be routinely checked to ensure it is in good working condition. Any tanks and associated pipe work containing oils and fuels will be double skinned and be provided with intermediate leak detection equipment. Areas at risk of spillage, such as vehicle maintenance areas and hazardous substance stores (including fuel, oils and chemicals) will be bunded and carefully sited to minimise the risk of hazardous substances entering the drainage system or the local watercourses. Additionally the bunded areas will have impermeable bases to limit the potential for migration of contaminants into groundwater following any leakage/spillage. Bunds used will store fuel, oil etc. to have a 110% capacity. Disturbance to areas close to watercourses reduced to the minimum necessary for the work. Excavated material will be placed in such a way as to avoid any disturbance of areas near to the banks of watercourses and any spillage into the watercourses. Construction materials will be managed in such a way as to effectively minimise the risk posed to the aquatic environment. All plant machinery and vehicles will be maintained in a good condition to reduce the risk of fuel leaks. Drainage works to be constructed to relevant statutory guidance and approved via the Lead Local Flood Authority prior to the commencement of construction. Consultation with the Environment Agency to be ongoing throughout the construction period to promote best practice and to implement proposed mitigation measures.	X																		Tertiary	CoCP and DCO requirement
Co25	X					Construction	RPSS	The onshore cable route will be completely buried underground for its entire length.	X	X			X		X											Primary	DCO Works Plans, description of development and requirements	
Co26	X		X	X		Construction	Scoping	Hedgerows and vegetation will be retained where possible. Where it is not possible to retain them, hedgerows will be removed prior to topsoil removal. The width of hedge and vegetation removed will be limited where practical.					X		X											Primary	DCO Works Plans and CoCP	
Co28	X		X			Construction	Scoping	Joint Bays will be completely buried, with the land above reinstated excepting link box chambers where access will be required from ground level, e.g. via manholes.	X				X													Primary	DCO Works Plans, description of development and requirements	
Co33	X		X	X		Construction	Scoping	Where removal of vegetation has to be undertaken during the bird breeding season, vegetation will be checked by a suitably qualified ecologist and where nests are present, the vegetation will not be removed until the chicks have fledged.																		Tertiary	CoCP and DCO requirement	
Co34	X		X	X		Construction	Scoping	Where HDD technologies are not required or practical, the crossing of drainage ditches may be undertaken by open cut methods and / or the installation of temporary culverts or bridges to allow water to continue flowing. This will be in line with advice notes, guidance documents and additional information including Environment Agency Pollution Prevention Guidelines (PPGs) will be adhered to, particularly: • PPG01: General Guide to the Prevention of Water Pollution; • PPG02: Above Ground Oil Storage Tanks; • PPG04: Disposal of Sewage where no Mains Drainage is Available; • PPG05: Works in, Near or Liable to Affect Watercourses; • PPG06: Working at Construction and Demolition Sites; • PPG08: Safe Storage and Disposal of Used Oils; • PPG21: Pollution Incident Response Planning; and • Pollution Prevention: Major Pipeline.		X					X											Primary	CoCP and DCO requirement	
Co36	X		X	X		Construction	Scoping	Core working hours for the construction of the onshore components of Hornsea Four will be as follows: • Monday to Friday: 07:00 - 18:00 hours; • Saturday: 07:00 - 13:00 hours; • Up to one hour before and after core working hours for mobilisation ("mobilisation period"), i.e. 06:00 to 19:00 weekdays and 06:00 to 14:00 Saturdays; and • Maintenance period 13:00 to 17:00 Saturdays. Activities carried out during mobilisation and maintenance will not generate significant noise levels (such as piling, or other such noisy activities).  In certain circumstances, specific works may have to be undertaken outside the normal working hours - such as: • Horizontal Directional Drilling (HDD) or other trenchless construction operations which may require 24 hour machinery operation, dependent on the ground conditions; • Remedial works, for example in the event of severe weather; • Delivery of electrical infrastructure; • Jointing operations along the cable route; and • Security of sites and protection of open assets. We will inform ERYC in writing.								X		X									Primary	CoCP and DCO requirement
Co41	X		X			Construction	Scoping	All trenchless crossings will be undertaken by non-impact methods and, as such, construction vibration will be unlikely to be significant beyond the immediate location of works. No blasting is anticipated.	X						X		X									Primary	CoCP and DCO requirement	
Co44		X				Construction	RPSS	The Holderness Inshore Marine Conservation Zone (MCZ) (designated for Intertidal sand and muddy sand, Moderate energy circalittoral rock, High energy circalittoral rock, Subtidal coarse sediment, Subtidal mixed sediments, Subtidal sand, Subtidal mud, and Spurn head (subtidal)) will be avoided by marine ECR.									X	X						X		Primary	Secured by means of the Order limits as defined in the DCO and dMLs.	
Co45		X				Construction	RPSS	The Holderness Offshore recommended MCZ (rMCZ) (proposed to be designated for North Sea Glacial Tunnel valleys, Subtidal coarse sediment, Subtidal sand, Subtidal mixed sediments and Ocean Quahog ( <i>Arctica islandica</i> )) will be avoided by marine ECR.									X	X						X		Primary	Secured by means of the Order limits as defined in the DCO and dMLs.	
Co46		X			X	Construction	RPSS	The marine ECC (including WTGs and inter-array cables) will be routed so as to avoid any known wrecks (with a buffer of 50m around wreck), further refined following high-resolution geophysical survey post-consent.															X			Primary	Secured in the dMLs through the requirement for a Design Plan.	



