

Hornsea Project Three
Offshore Wind Farm



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Preliminary Environmental Information Report:
Annex 1.3 – Discharge Consents and Permits

Date: July 2017

Environmental Impact Assessment
Preliminary Environmental Information Report

Volume 6
Annex 1.3 – Discharge Consents and Permits

Liability

This report has been prepared by RPS, with all reasonable skill, care and diligence within the terms of their contract with DONG Energy Power (UK) Ltd.

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This report is also downloadable from the Hornsea Project Three offshore wind farm website at:
www.dongenergy.co.uk/hornseaproject3

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Front cover picture: Kite surfer near one of DONG Energy's UK offshore wind farms © DONG Energy Hornsea Project Three (UK) Ltd., 2016.

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1. Introduction

1.1 Purpose

- 1.1.1.1 The purpose of this annex is to present information on the discharges consented by the Environment Agency within a 1 km buffer of the onshore cable corridor search area, the onshore HVAC booster station and the onshore HVDC converter/HVAC substation. This buffer was selected to allow for variance in the final location and alignment of the onshore export cable, onshore HVAC booster station (if required) and onshore HVDC converter/HVAC substation. Only discharges with a current licence/permit have been included. This data has been used to inform the assessment presented in volume 3, chapter 1: Geology and Ground Conditions.
- 1.1.1.2 The discharge consents and permits are set out in Table 1.1 below and their location is shown on Figure 1.1 (sheets 1 to 7).

Table 1.1: Discharge consents and permits.

Easting	Northing	EA Reference	Operator	Effluent Type	Receiving Environment
610930	343460	AEENF12379	Weybourne Pumping Station	Storm overflow	Pond draining to shingle ridge
611700	339500	PR4LF883	Domestic	Final/treated effluent	Soakaway
612048	339371	EPRVP3625GK	Domestic	Final/treated effluent	Tributary of the River Glaven
611479	335816	NPSWQD007307	Domestic and farm	Final/treated effluent	Unnamed drain
611510	339510	PRENF20356	Glaven River Barns	Final/treated effluent	River Glaven
611600	340400	PR4LF396	The Highborough	Final/treated effluent	Soakaway
610400	334550	PRELF1133	Farm	Final/treated effluent	Into land
611470	332320	PRELF02083	Domestic	Final/treated effluent	Into land
610500	330700	PR4NF1524	Domestic	Final/treated effluent	River Bure
610730	329850	PRENF11584	Farm	Final/treated effluent	Tributary of River Bure
609720	328860	PRELF02521	Domestic	Final/treated effluent	Land
610048	327428	EPRCB3696RU	Domestic	Final/treated effluent	Groundwater via a borehole
612600	321730	PRENF21004	Farm	Final/treated effluent	Tributary of the River Wensum
612910	316750	PRENF13713	Domestic	Final/treated effluent	Tributary of the River Wensum
612700	316800	PR4LF477	Domestic	Final/treated effluent	Soakaway
611385	315988	EPRDP3124XR	Public House	Final/treated effluent	Groundwater via infiltration
611340	315330	PRENF10783	Domestic	Final/treated effluent	River Wensum
612420	312990	PRELF2276	Merryhill Farm Park	Final/treated effluent	Land
613317	311370	PRENF04498	Domestic	Final/treated effluent	Tributary of the River Tud
622480	302490	PRELF20038	Domestic	Final/treated effluent	To Land
622560	302510	PRENF11538	Domestic	Final/treated effluent	Tributary of the River Tas
622560	302560	PRENF11559	Dunston Manor	Final/treated effluent	Tributary of the River Tas
619600	302850	AEENF1220	Swardeston Sewage Treatment Works	Sewage Treatment Works, Storm overflow/storm tank –water company	Intwood Stream River Yare NT
622720	302800	PRENF20958	Domestic	Final/treated effluent	Tributary of the River Tas
622700	303000	AW4NF504	Stoke Holy Cross Sewage Treatment Works	Final/treated effluent	River Tas NT
619700	303100	AEENF2228	Common Public Sewer	Sewer Storm Overflow - water company	Main Internal Drainage Board ditch tributary of the River Yare
621449	303759	NPSWQD005602	Domestic	Final/treated effluent -	Groundwater via soakaway
617250	303850	PRELF13102	Ketteringham Highways Depot	Final/treated effluent	To Land
617296	303981	EPRKB3690NY	Ketteringham Household Waste Recycling CT	Trade Discharges - Site Drainage (Contam Surface Water)	Balancing Pond

Eastings	Northing	EA Reference	Operator	Effluent Type	Receiving Environment
616931	304275	PRENF19656	Domestic	Final/treated effluent	Tributary of the River Yare
616150	305370	PRENF20276	Domestic	Final/treated effluent	Ditch tributary of the River Yare
616250	305381	PRENF13196	Domestic	Final/treated effluent	Tributary of the River Yare
616750	306320	PRENF02932	Domestic	Final/treated effluent	Tributary of the River Yare
615952	306320	PRELF21062	Domestic - Farm	Final/treated effluent	To Land
615360	306390	PRENF15395	Domestic	Final/treated effluent	Tributary of the River Yare
615460	306370	PRENF15042	Domestic - Farm	Final/treated effluent	Tributary of the River Yare
615930	306790	AW4NF1037	Mill Road Public Sewer	Sewage discharges - Pumping Station - water Company	Unknown tributary of the River Yare
615136	306806	PRENF16229	Domestic	Final/treated effluent	Tributary of the River Yare
615136	306806	PRENF16229	Domestic	Final/treated effluent	Tributary of the River Yare
613150	309150	PRENF14104	The Bell Public House	Sewage & Trade Combined - Unspecified	Tributary of the River Yare
613160	309120	PRENF15315	Domestic	Final/treated effluent	Tributary of the River Yare
613113	309081	PR4NF1000X	Domestic	Final/treated effluent	Tributary of the River Yare
613120	309040	PRENF10764	Domestic	Final/treated effluent	Tributary of the River Yare
612850	309130	PRENF20059	Domestic	Final/treated effluent	Tributary of the River Yare
612980	309170	PRENF00885	Domestic	Final/treated effluent	Tributary of the River Yare
612970	309140	PRENF11457	Domestic	Final/treated effluent	Tributary of the River Yare
613740	309120	PRENF16586	Domestic	Final/treated effluent	The River Yare
613610	309130	PRENF20419	Domestic	Final/treated effluent	The River Yare
613692	309148	PR4NF1023X	Domestic	Final/treated effluent	The River Yare
613110	309285	PRENF21048	Domestic	Final/treated effluent	Ditch tributary of the River Yare
613690	309950	AW4NF252	Easton Public Sewer 2	Sewage discharges - Pumping Station - water Company	Unknown tributary of the River Yare
613560	309980	NPSWQD009058	Easton College Corporation	Trade Discharges - Cooling Water	Groundwater via Borehole
613317	311370	PRENF04498	Domestic	Final/treated effluent	Tributary of the River Tud
613420	311520	PRENF00759	Domestic - Farm	Final/treated effluent	River Tud
612420	312990	PRELF2276	Domestic	Final/treated effluent	To Land
613317	311370	PRENF04498	Domestic	Final/treated effluent	Tributary of the River Tud
612800	317100	PRENF13605	Domestic - Farm	Final/treated effluent	River Wensum

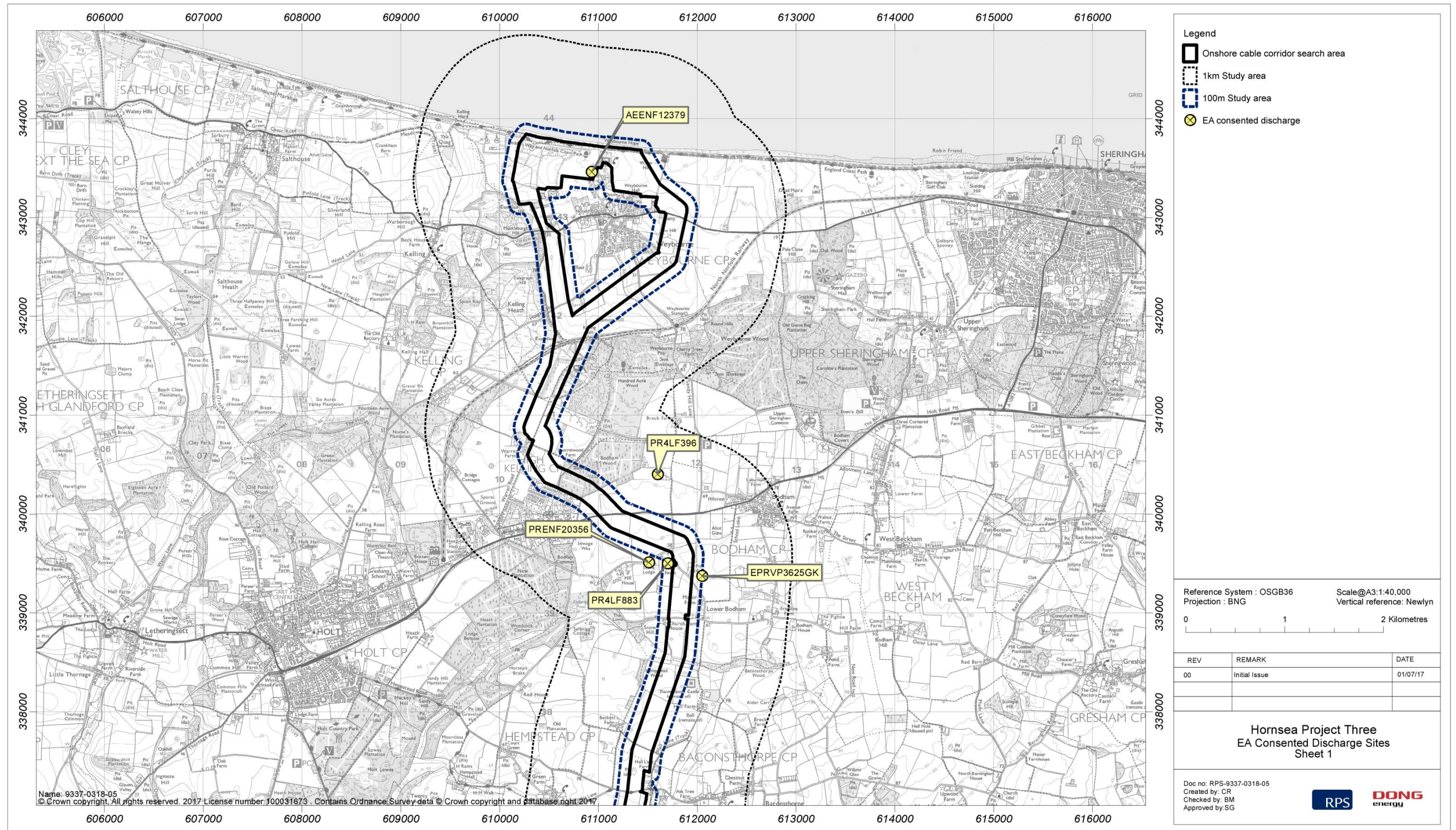


Figure 1.1: Consented discharge sites.

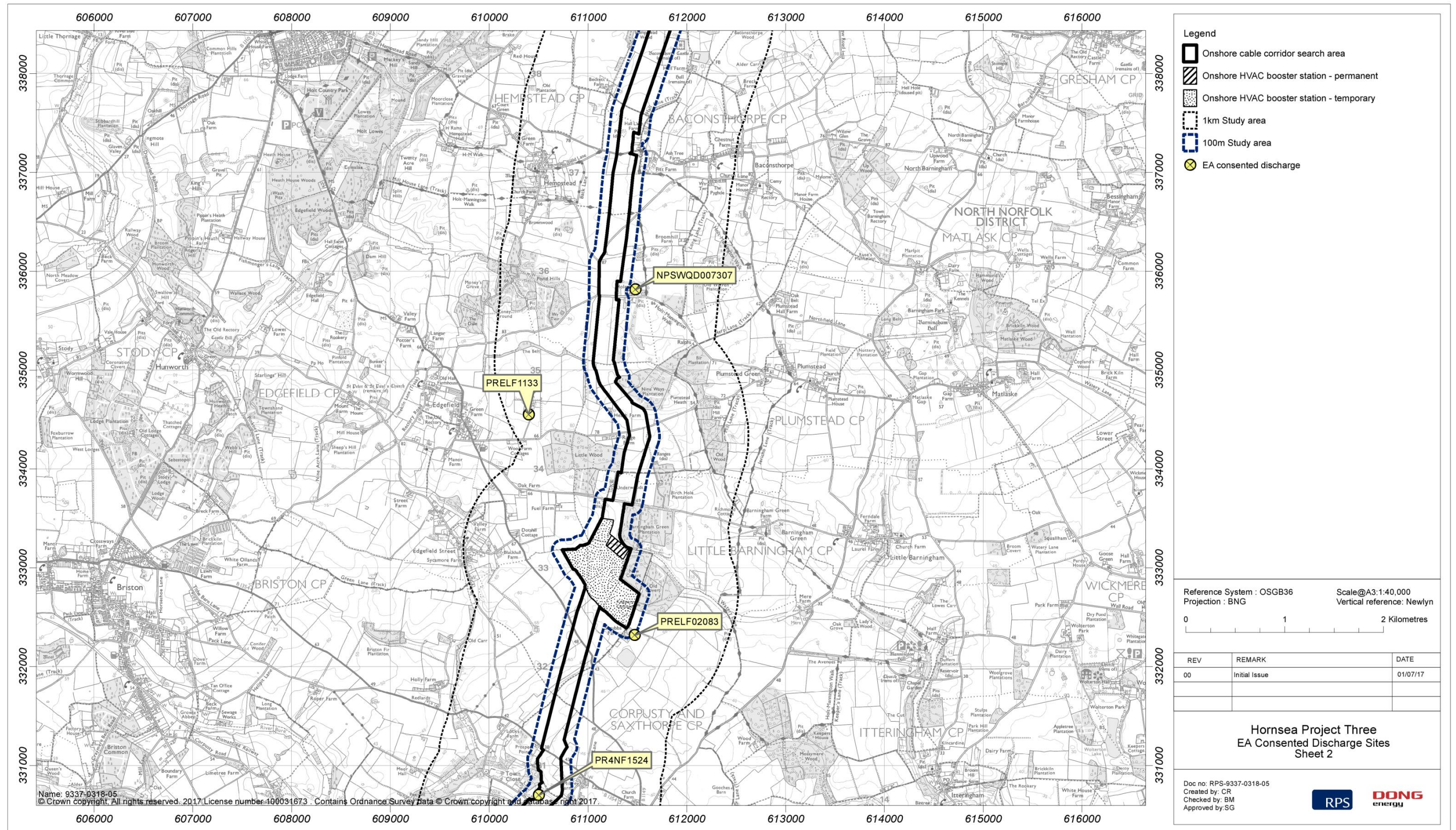


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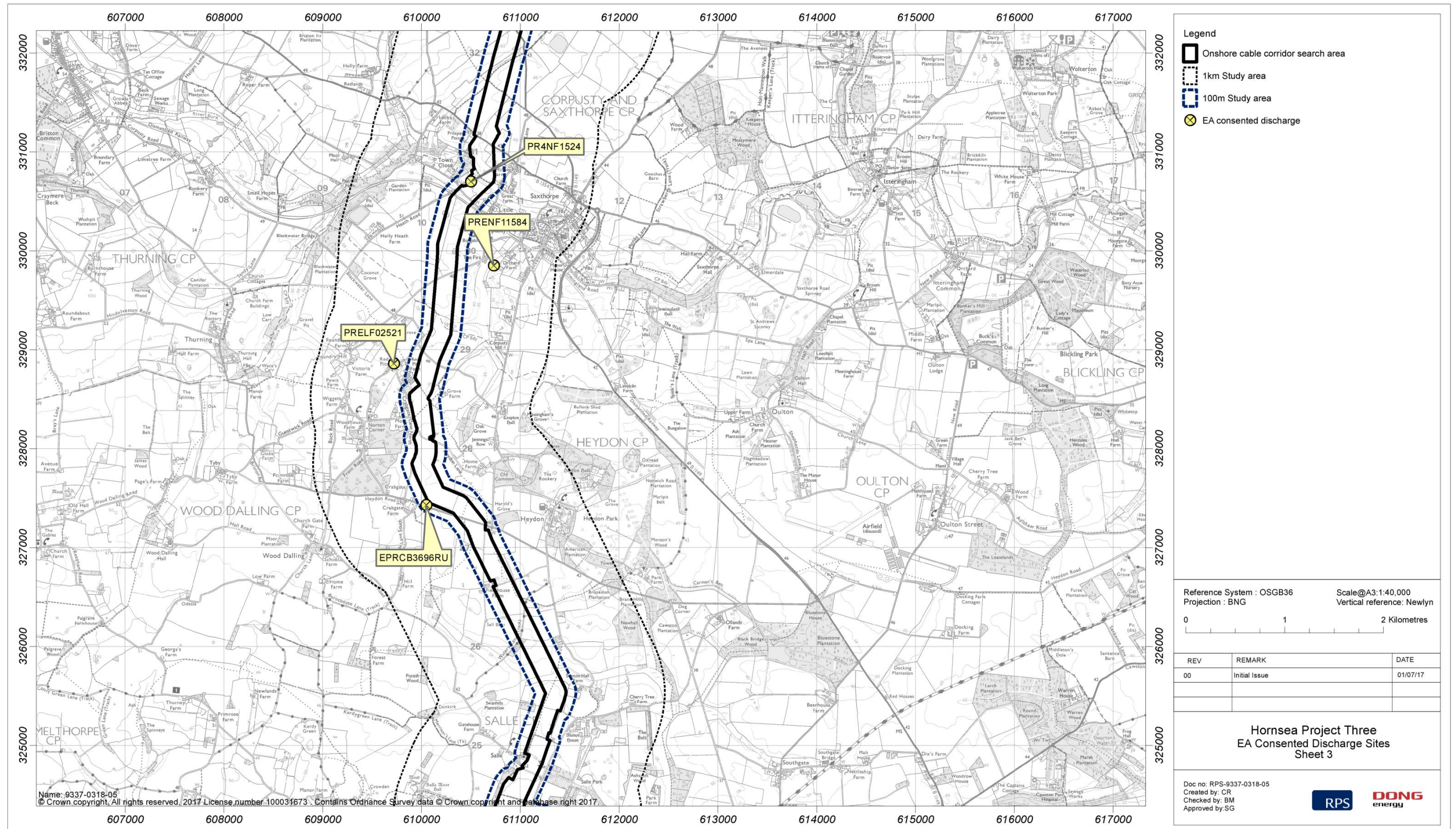


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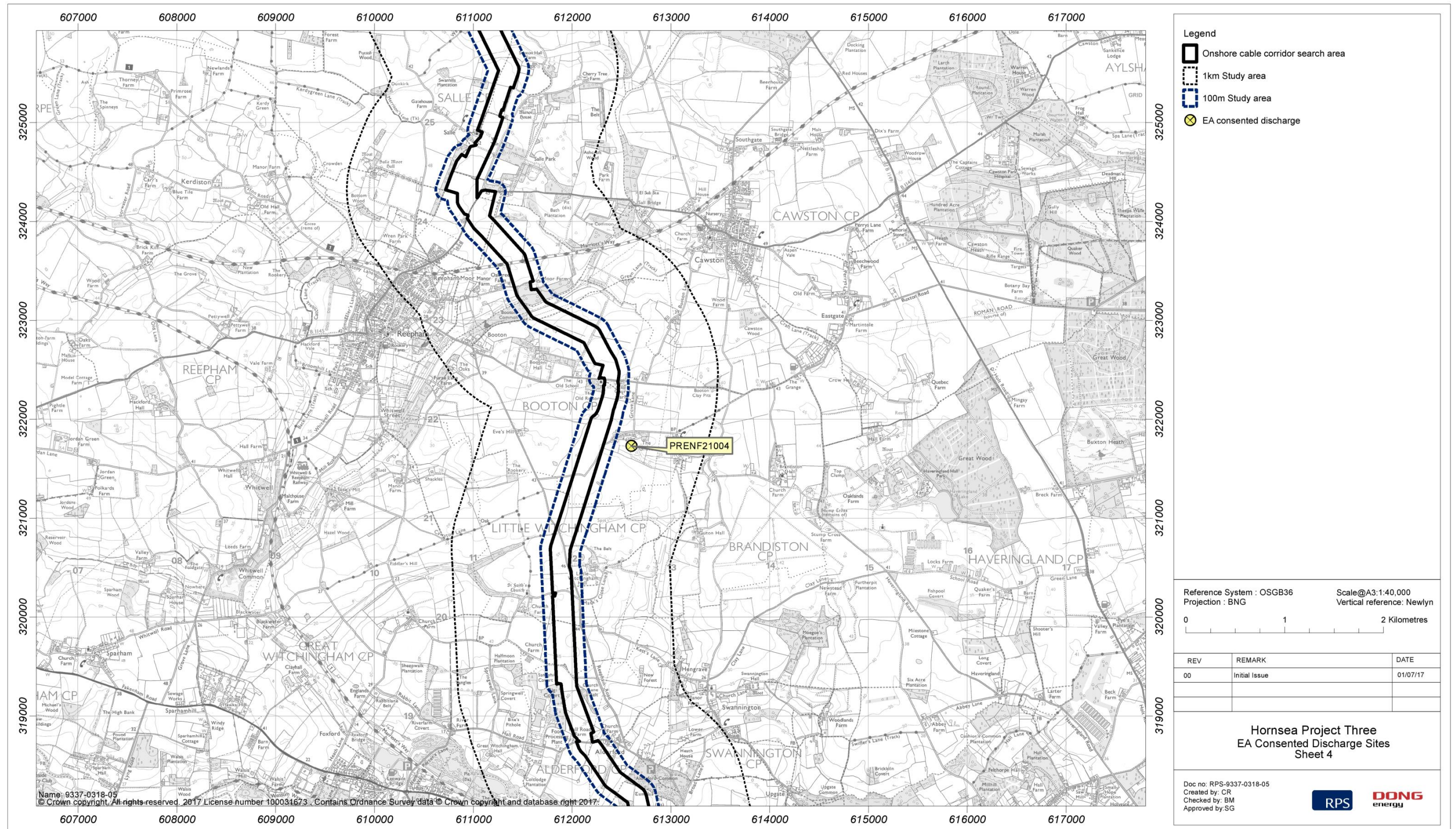


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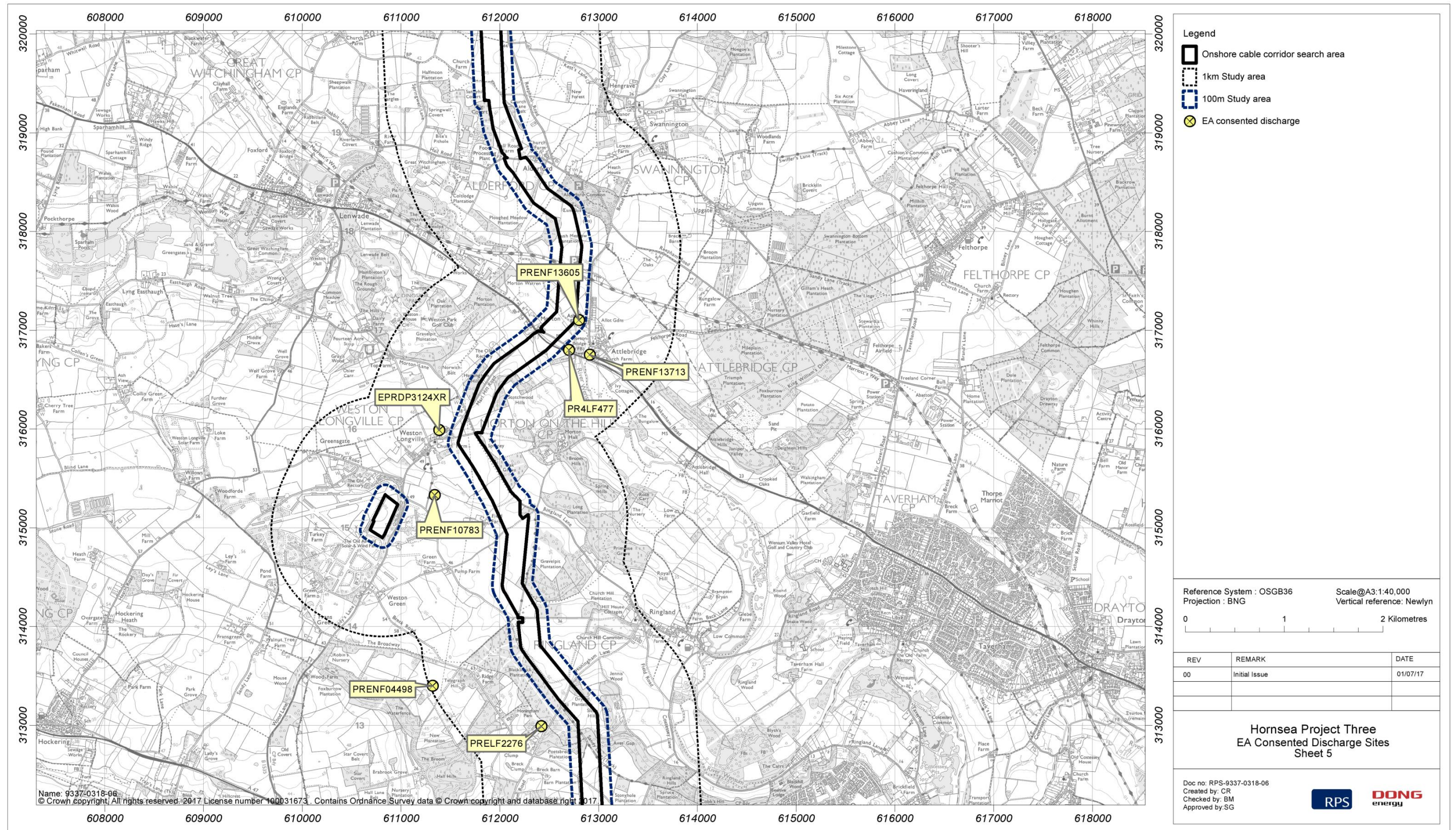


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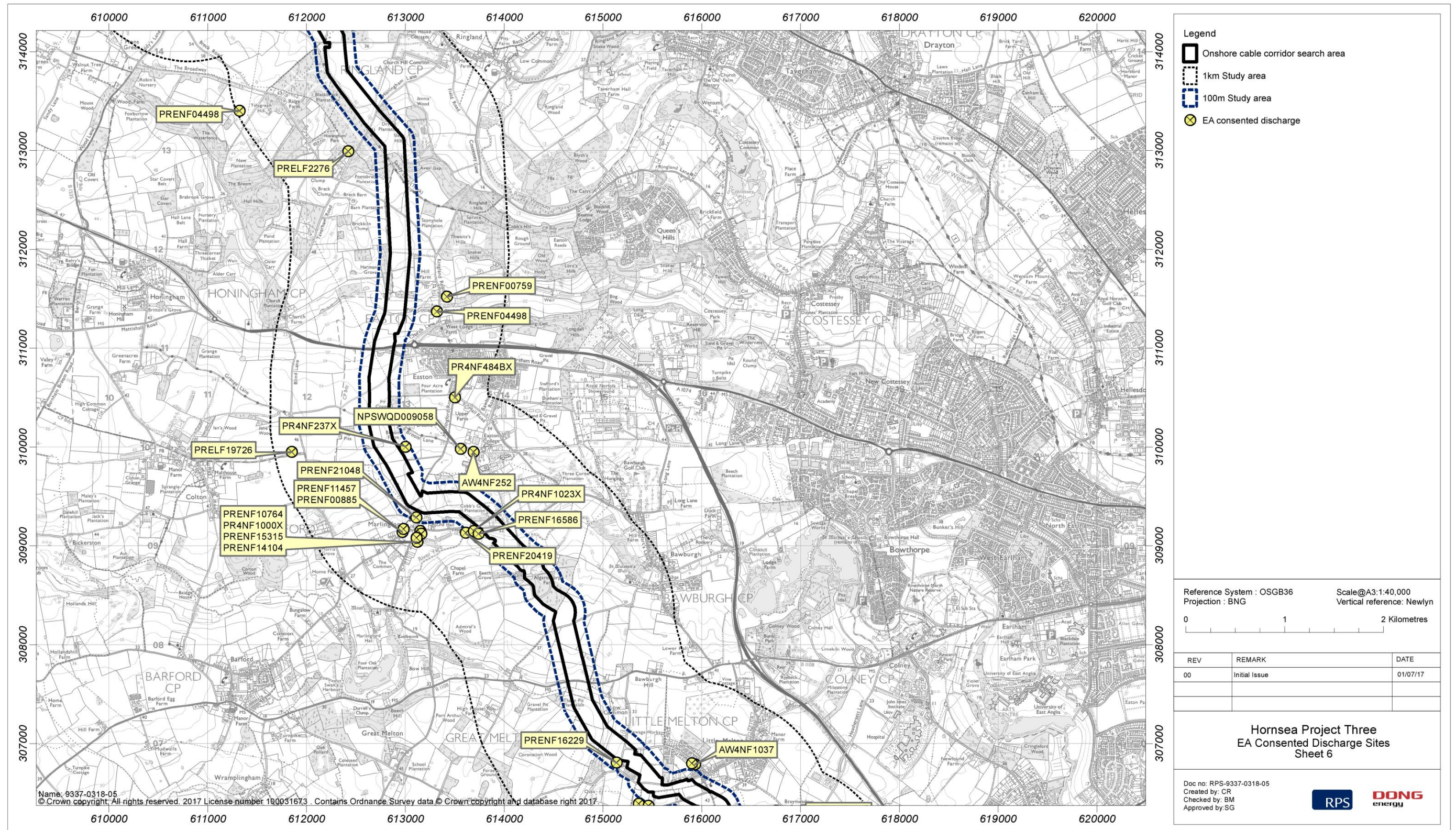


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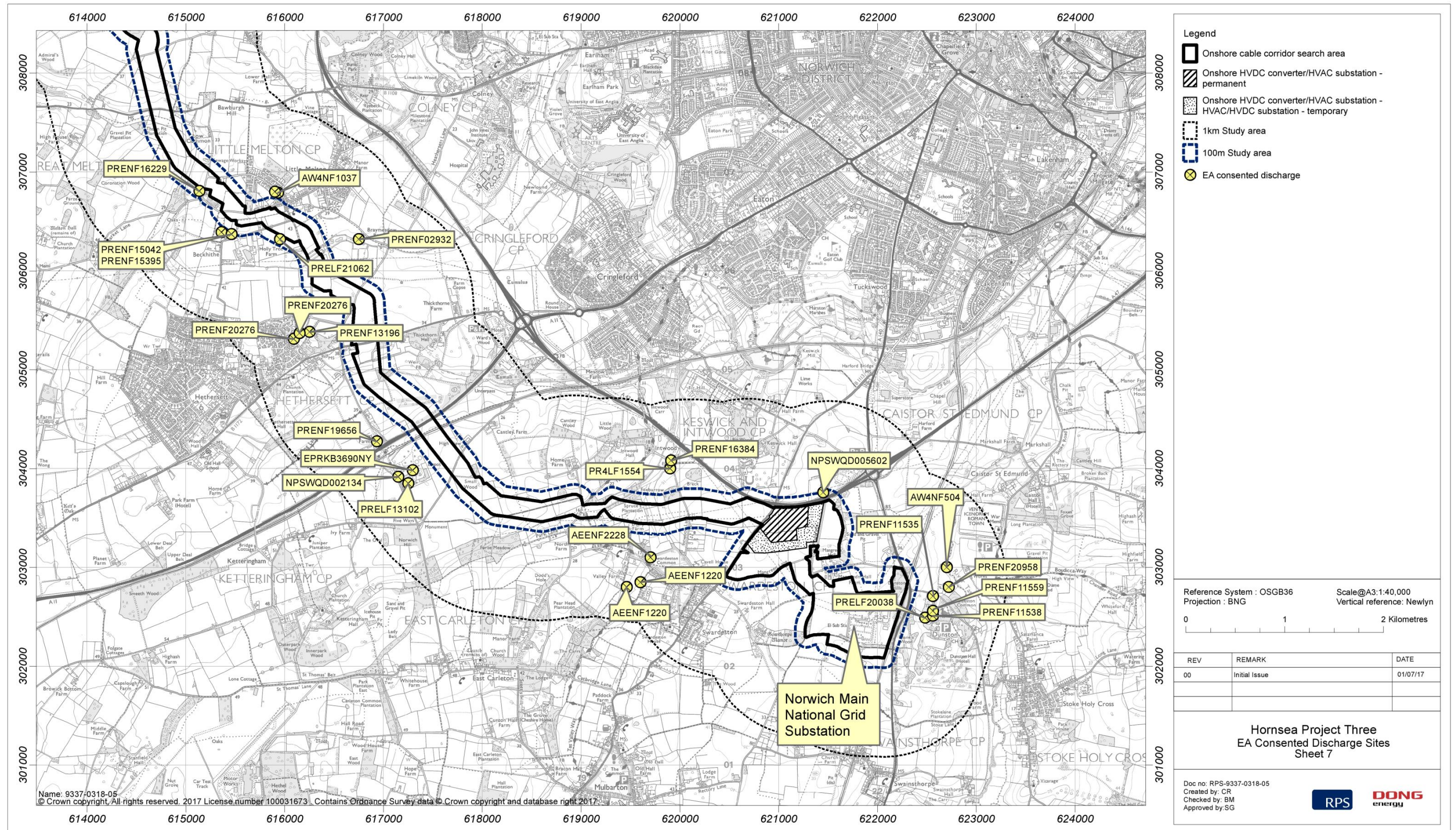


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