

REPORT 2

EPS MR LTD ENVIRONMENTAL PERMIT VARIATION

UPDATED SITE CONDITION REPORT

Report Number 1469r2v1d0316

Commissioned by
EPS Materials Recovery Limited
Graigola Wharf
Kings Dock
Swansea SA1 8QT

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March 2016

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1 INTRODUCTION

1.1 Scope of Report

Geotechnology has been commissioned by EPS MR Ltd to prepare a Permit Variation application for their scrap metal export facility at Swansea Docks. The details of the application are summarised in Table 1-1 and the Site Location is outlined on Figure 1 and 2 and in Appendix 1.

Table 1-1 Application Details

Name of the Applicant	EPS MR Ltd
Activity Address	Kings Dock Swansea SA1 8QT
Date of SCR preparation at application stage	<i>September 2010</i>
Date of SCR at Variation stage	February 2016
SCR document reference at application stage	996r1v1d0910
SCR document reference at Variation	1469r1v1d0216

Included in the suite of documents required by NRW to accompany the Variation application is a Site Condition Report (SCR). The objective of a SCR is to establish the potential current extent of any historical contamination at the site. At this stage the application SCR has been updated based on a review of published information, a site walkover and collation of information gathered since the permit was issued. This stage is aimed at evaluating the new area of land to be used by EPS MR, as shown on Figure 2.

1.2 Report Limitations

This report relies upon information supplied by third parties. Geotechnology has had no input to the development of this information and therefore cannot confirm its accuracy.

2 LAND CONDITION AT APPLICATION STAGE

2.1 Information Sources

To assist with the collation of baseline information relating to the site, an electronic Envirocheck report has been purchased (Envirocheck Report No. 32433245_1_1) from the Landmark Information Group. This report brings together and summarises available environmental information and digital mapping. For the purposes of this report the search area encompassed by the Envirocheck report has been limited to a 1km radius around the site.

Within this SCR the information provided by Envirocheck is presented in the following Appendices:

- Appendix 1 Site Plans and Aerial Photograph
- Appendix 2 Historical Ordnance Survey Maps
- Appendix 3 Historical Building Plans
- Appendix 4 Site Sensitivity Maps
- Appendix 5 Envirocheck Report Datasheet

Reference to Geological Plan SS 69 SE has also been made in order to understand the geology beneath the site. A relevant extract of the geological plan is provided in Figure 3.

2.2 Current Site Use and Access

The site is located south of Kings Dock, Swansea at Ordnance Survey Grid Reference SN 6807 9265. Its position between Kings Dock and Queens Dock is clearly shown in the aerial photograph provided in Appendix 1.

The new area of land EPS MR proposed to Permit surrounds the area benefitting from the current Standard Rules Permit.

2.3 Current Surrounding Land Use

The site is located within the Port of Swansea just southeast of the city centre and forms part of Dockland. The surrounding Quaysides are used by a range of business including several waste operations. The waste operations include temporary storage of RDF for export, inert and non-hazardous soil transfer, glass recycling, wood export and a dry dock for dismantling end of life ships. Other (non-waste) commercial operations include coal and cement handling, and fertiliser production and handling. In addition to these fixed position activities, births in Kings Dock are also used to take delivery of a range of varied goods. Queens Dock, to the south, is also used for the farming of mussels.

A full directory listing of all businesses within 1km of the site is given on pages 47 to 50 in Appendix 5.

Several rail tracks traverse the area surrounding the site and a landing stage and jetties extend into Queens Dock to its south.

Swansea City Centre is located 2km to the northwest of the site and the River Tawe enters Swansea Bay through a barrage system some 1.5km west of the site. Extensive residential and commercial redevelopment of the former docks area to the west of the site is ongoing.

The A483 traverses west-east some 0.5km north of the site.

The nearest residential housing is situated 0.5km north of the site in the Port Tennant area of Swansea.

2.4 Environmental Setting

2.4.1 Superficial Deposits and Geology

Examination of Geological Sheet SN 69 SE shows the site to be underlain by thick marine beach deposits which have largely obscured the solid geology beneath. The geological sheet records data from a number of boreholes in the vicinity of the site which have encountered made ground overlying thick sequences of clay, sand and gravel with some peat bands to in excess of 84 feet. Some 1.2km northwest of the site at Dan-y-Graig Engine Sheds a grey sandstone with underlying mudstone, coal and seatearth beds were encountered at 76 feet depth which are likely to be strata belonging to the Middle Coal Measures, Carboniferous in age.

The area to the north of the site is indicated to lie within a fault bounded block between the Swansea Valley Fault to the west and the Pwll Mawr Fault to the east. The proven east-west trending Tormynydd coal seam crops some 850m north of the site which is shown to have been accessed via an adit. The strata in this area are dipping northwards at around 40° and the area to the north of this seam exhibits many coal seams, several of which are known to have been worked.

South of the Tormynydd coal seam and in the vicinity of the site there is very little information shown on the Geological Sheet with regard to the solid geology and mining. It is considered unlikely, however, that coal mining would have taken place beneath the site due to accessibility constraints, the large thicknesses of superficial cover and the historical site use as a port facility.

An extract from the Geological Plan is provided in Figure 3 of this report.

The following summary indicates geological factors highlighted in the Envirocheck report.

Table 2-1 Geological Hazards identified in Envirocheck Report

Potential Hazard	Recorded Risk	
	On-Site	Off-Site
Coal Mining	Coal Authority Report Recommended	
Mining Instability	Inconclusive	
Compressible Ground Stability	None	
Ground Dissolution Stability	None	
Landslide Ground Stability	Very Low	Low
Potential for Running Sand	None	Very Low to None
Potential for Shrinking and Swelling Clay	Very Low	
Shallow Mining Hazards	Low	

Our independent assessment of this data indicates that no special engineering precautions are required to protect the proposed works from ground conditions beneath the site.

2.4.2 Surface Water

The site lies between the catchments of the River Tawe to the West and the River Neath to the East. The site is southwest of Crymlyn Bog.

The Port Tennant Canal which traverses east-northeast to west-southwest terminates some 570m northeast of the site.

There are no River Quality Biology or Chemistry Sampling points within either of the above watercourses within 1km of the site although the River Quality in the Port Tennant Canal 820m northeast of the site was recorded as GQA River Quality E in 2000.

The directly adjacent Kings Dock and adjoining Docks are part of the Tawe Transitional Waterbody (GB541005900900). The Queens Docks, which is connected to Kings Dock is a Shellfish Water Protected Area (SWPA). The 2015 Water Framework Directive Overall Waterbody Status for the Tawe Transitional Water is Moderate with Moderate Ecological Potential (driven by a failures for Zn) and at Good Chemical Status. The objectives for this waterbody are to achieve Good Overall Waterbody Status by 2027, Good Ecological Potential by 2027 and Good Chemical Status by 2015.

Swansea Bay coastal waterbody is downstream of TTW and includes Swansea Bay East SWPA, Swansea Bay West SWPA and Swansea Bay South SWPA. The 2015 WFD Overall Waterbody Status is Moderate with Moderate Ecological Potential and Failed Chemical Status. The objectives for this waterbody are to achieve Good Overall Waterbody Status by 2027, Good Ecological Potential by 2021 and Good Chemical Status by 2027.

Queens Dock is designated a Bivalve Mollusc Production Area as Thomas Shellfish farm Rope Grown Mussels. This area is currently classified as Long Term Class B.

Monitoring of water quality, and other parameters, in the TTW and the BMPA is undertaken by a range of organisations including NRW, the Port Health Authority, CEFAS and Thomas Shellfish.

2.4.3 Flood Potential

Examination of the Envirocheck report and the Environment Agency Website shows the site to lie within Flood Zone 2 which means that the site is at risk of Extreme Flooding from Rivers or Sea without Defences.

2.4.4 Hydrogeology

The Agency has defined Source Protection Zones (SPZs) for 2000 groundwater sources such as wells, boreholes and springs used for public drinking water supply. These zones show the risk of contamination from any activities that might cause pollution in the area. The closer the activity, the greater the risk. The maps on the Agency website include three main zones (inner, outer and total catchment). The Agency use the zones in conjunction with their Groundwater Protection Policy to set up pollution prevention measures in areas which are at a higher risk, and to monitor the activities of potential polluters nearby. The zones established are as follows:

- Zone 1 (Inner protection zone) - Any pollution that can travel to the borehole within 50 days from any point within the zone is classified as being inside zone 1.

-
- Zone 2 (Outer protection zone) - The outer zone covers pollution that takes up to 400 days to travel to the borehole, or 25% of the total catchment area – whichever area is the biggest. This travel time is the minimum amount of time that the Agency think pollutants need to be diluted, reduced in strength or delayed by the time they reach the borehole.
 - Zone 3 (Total catchment) - this is the total catchment needed to support removal of water from the borehole, and to support any discharge from the borehole.

According to the Environment agency website and the Envirocheck Report the site is not located in any of the above zones.

The site is located in the Western Wales River Basin. Locally, the EA refers to the groundwater body as the Swansea Carboniferous Coal Measures (Waterbody ID GB41002G201000).

The area within which the site is located is considered to have poor groundwater quality and to be a minor aquifer. Unlike principal aquifers which offer significant groundwater resources and which need to be managed through abstraction licensing within a Catchment Abstraction Management Strategy (CAMS), minor aquifers also have significant resources but with hydraulic properties which limit over-exploitation. Minor secondary aquifers would not normally warrant special consideration for CAMS but may still support important abstractions and dependent ecosystems which may be subject to risks associated with pollution pressures.

On the basis of available geological records, and without site specific information, the Envirocheck vulnerability map indicates that the site soils overlying the aquifer beneath the site are classified as having a high leaching potential. Soils of high leaching potential are soils that readily transmit liquid discharges because they are either shallow or susceptible to rapid by-pass flow directly to rock, gravel or groundwater.

According to the Envirocheck report there are 4 water abstractions within 1km of the site. These are all located at JW Aquaculture Ltd. some 797m southwest of the site. Full details of all the abstractions can be seen on the Envirocheck data sheets in Appendix 5 of this report.

Groundwater beneath the site is likely to exist within the coal measures bedrock. This groundwater may be in continuity with groundwater that may exist within the overlying superficial deposits, although this will depend upon local geological controls. Given the proximity of Swansea Bay to the south, it is likely that a component of tidal influence will affect the groundwater flow beneath the site.

2.4.5 Sensitive Land Uses

According to the Protected Sites and Landscapes map on the CCW website and the Sensitive Land Uses map in the Envirocheck Report, the Crymlyn Bog Site of Special Scientific Interest (SSSI Ref: 47433wvp) is located some 513m north of the centre of the site. The SSSI is designated on the basis of its biological significance. Crymlyn Bog is also classified as a Ramsar Site and a Special Area of Conservation.

2.5 Historical Land Use

Examination has been made of old Ordnance Survey plans which cover the site area and which are included in Appendix 2 of this report. Specifically, they include the old

Glamorganshire 1:10,560 scale and 1:2,500 scale series dating from 1884 to 1975 and more recent National Grid and 10k Raster Mapping Series at 1:2,500 and 1:10,000 scale respectively.

Until 1918 the site was situated on the shingle beach just off the Swansea coastline. In 1918 the Swansea Docks were under construction and the northern boundary of the site was traversed by railway lines with mooring posts just to the north.

By 1921 the Prince of Wales Dock and Kings Dock were constructed with associated hoisting machinery. Some new industrial developments are evident which include Graigola Merthyr Patent Fuel Works 630m to the southeast of the site, an Arsenic Works 420m north, Spelter Works 480m north, Wagon Works 630m to the north-northeast and Crymlyn Chemical Works some 1.5km to the northeast. Throughout this time the site was undeveloped apart from the rail link traversing the northern part of the site. By 1938 however, a warehouse is shown on the southern half of the site and is evident on the plans until 1989.

On the 1951 plan Queens Dock is now labelled and is shown extending seawards as far as the High Water Mark in Ordinary Time. Further works in the form of an Aluminium Wire and Cable Works 400m north of the site and a Chemical Works 640m northeast of the site are also indicated on this plan.

By 1979 the Arsenic works, Spelter Works and the Wagon Works are just labelled as “works” which could suggest a change in the industrial use of the buildings and the Graigola Patent Fuel works and Crymlyn Chemical Works are no longer present.

As stated above, in 1989 the Warehouse is no longer present on the site, only the railway lines are evident. On later plans, from 1999 to 2010 the site is then shown to be occupied by a travelling crane.

Examination of Historical Building Plans dated 1926 and presented in Appendix 3 show that the Warehouse constructed on the site was an Emergency Shed for Tin Plate storing steel stanchions of light steel. A small canteen is shown at the western edge of the warehouse and 7 cranes (hydraulic and electric) are positioned along the northern boundary of the site.

2.6 Environmental Searches

This section summarises and draws attention to the results of environmental searches reported in the Envirocheck report. The reader is advised to refer to Appendix 5 for a complete listing of this information in addition to reading this section.

2.6.1 Registered Waste transfer/Landfill Sites

According to the Environment Agency website and Envirocheck Report there is one historical landfill site located within 1km of the site. This is the CEGB Tir John Power Station which deposited industrial and commercial waste.

There is one registered landfill site some 671m northeast of the site. J & C Floorings Ltd. is the licence holder of this facility although its licence is now surrendered.

There are 3 licenced waste management facilities within 1km of the site. These are Tir John Landfill (983m northeast), Stenor Environmental Ltd. (431m southwest) and Swansea City Waste Disposal Co. Ltd. (1km NE).

For further details of these facilities, see page 42 in Appendix 5.

2.6.2 Radioactive Sources

There are no Radioactive Source Authorisations issued within 1km of the site.

2.6.3 Hazardous Substances

There is one notification of Installations Handling Hazardous Substances at BP Oil Ltd. (521m east) and three Planning Hazardous Substances Consents within 1km of the site, at BP Bitumen (174m east), BP Co. Plc (520m east) and BP Chemicals (522m east).

2.6.4 Control of Major Accident Hazards Sites (COMAH)

There is one COMAH site at BP Chemicals Ltd. some 522m east of the site.

2.6.5 Contemporary Trade Entries

There are 30 contemporary trade entries located within 1km of the site.

2.6.6 Fuel Station Entries

There are two fuel station entries within 1km of the site.

2.6.7 Discharge Consents to Controlled Waters

There are 76 recorded discharge consents to controlled waters within 250m of the site, 8 between 251m and 500m from the site and 53 between 501m and 1km from the site.

2.6.8 Integrated Pollution Controls

There are no recorded Integrated Pollution Controls between 500m and 1km of the site.

2.6.9 Integrated Pollution Prevention and Controls

There are 5 recorded Integrated Pollution, Prevention and Controls between 250m and 1km of the site and no local authority Integrated Pollution Prevention and Controls.

2.6.10 Local Authority Pollution Prevention and Controls

There are twelve Local Authority Pollution Prevention and Control within 1km of the site.

2.6.11 Pollution Incidents

According to the Envirocheck report there has been no on site pollution incidents but 8 incidents between 500m and 1km from the site.

A full list of all the pollution incidents in proximity to the site is given in the Envirocheck Report Data Sheets in Appendix 5 of this report. These include pollution incidents by crude sewage, rubbish and heavy fuel oil.

2.6.12 Prosecutions

The Envirocheck Report identifies no prosecutions related to Authorised Processes or Controlled Water.

2.7 Summary

2.7.1 Historical Contamination Potential

The site is located on dockland within the Port of Swansea. Examination of historical plans has shown the site was previously occupied by a Tin Plate warehouse and rail transport facilities. Many other heavy industries were also historically found in close proximity to the site including Arsenic works, Spelter works and Chemical works.

The extent and scale of the historical industrialisation at the site and in the surrounding area took place at a time when there were very few environmental controls in place relative to current practices. Therefore, Geotechnology considers that there is potential for land contamination at the site. There is also the possibility that groundwater below the site may also have been impacted by the historical industrial activities.

Based on the known previous land uses Geotechnology suspects that the made ground used to create the quayside may contain a range of metals, inorganic chemicals, asbestos, hydrocarbons and volatile and semi volatile compounds.

2.7.2 Engineering Implications

The Envirocheck report recommends that as the site is in an area which may be affected by coal mining, a coal mining report should be obtained from the Coal Authority. However, after examination of the Geological Plan, Geotechnology considers that there is an extremely low risk that coal mining may have occurred beneath the site and does not support the requirement to obtain a Coal Authority Report. As stated in Section 2.4.1 Geotechnology considers that the combination of accessibility constraints, the historical site history and large thicknesses of superficial cover are likely to have precluded mining activities in the vicinity of the site.

Our independent assessment of this data indicates that no special engineering precautions are required to protect the proposed works from ground conditions beneath the site.

3 CHANGES TO THE ACTIVITIES

3.1 On-site

Since the Permit was issued the activities undertaken by EPS MR have expanded beyond the boundary set out in the Permit issued by NRW. This has prompted action to be taken by NRW. Copies of key correspondence from NRW is provided in Appendix 6.

The current operation extends beyond the current Standard Rules Permit boundary.

3.2 Off-site

The Standard Rules Permit was issued on 8 October 2010. Since this time the use of the surrounding area has changed. Changes include:

- the temporary storage of RDF at the quayside to the west
- Queens Dock has been designated a BMPA for the farming of Mussels
- Permitting of an end of life vehicle dismantling operation at Swansea Dry Dock to the west
- Permitting of a glass recycling facility to the west

Since the Permit was issued several bodies (including NRW, Swansea Port Health Authority, CEFAS and Food Standards Agency) have scrutinised the water quality in the dock. Data provided by NRW is included in Appendix 7.

4 CONDITION OF ADDITIONAL LAND

As shown by the historical plans and information in Appendices 1 - 5, the additional land that EPS MR propose to permit surrounds the parcel of land currently Permitted. In this context, the land use of the additional land is very similar to that described in Section 2.

The extension of the site to the east does, however, mean that the proposed new Permit boundary is within 500m of a SSSI.

5 MEASURES TAKEN TO PROTECT LAND

EPS MR will update this section as part of the annual review of the Site Condition Report.

6 POLLUTION INCIDENTS

6.1 On-site

Geotechnology is not aware of any recorded pollution incidents at the currently Permitted site.

In the area previously used to store wood waste, which EPS MR now wish to include in the new Permit boundary, a fire broke out in 2012. This Permit has not been operational for several years and is to be surrendered.

6.2 Off-site

Geotechnology is not aware of any pollution incidents off-site.

Since the Permit was issued several bodies (including NRW, Swansea Port Health Authority, CEFAS and Food Standards Agency) have scrutinised the water quality in the dock. As far as Geotechnology is aware no pollution incidents have been identified.

7 MONITORING RESULTS

7.1 On-site

Run-off water quality has been sampled on several occasions since the original Permit was issued. This data is included in Appendix 7.

7.2 Off-site

As the mussels being farmed in Queens Dock are for human consumption CEFAS has been monitoring dock water quality since 2012. NRW has also been monitoring water quality for several years in the Docks. Some of this data is included in Appendix 8.

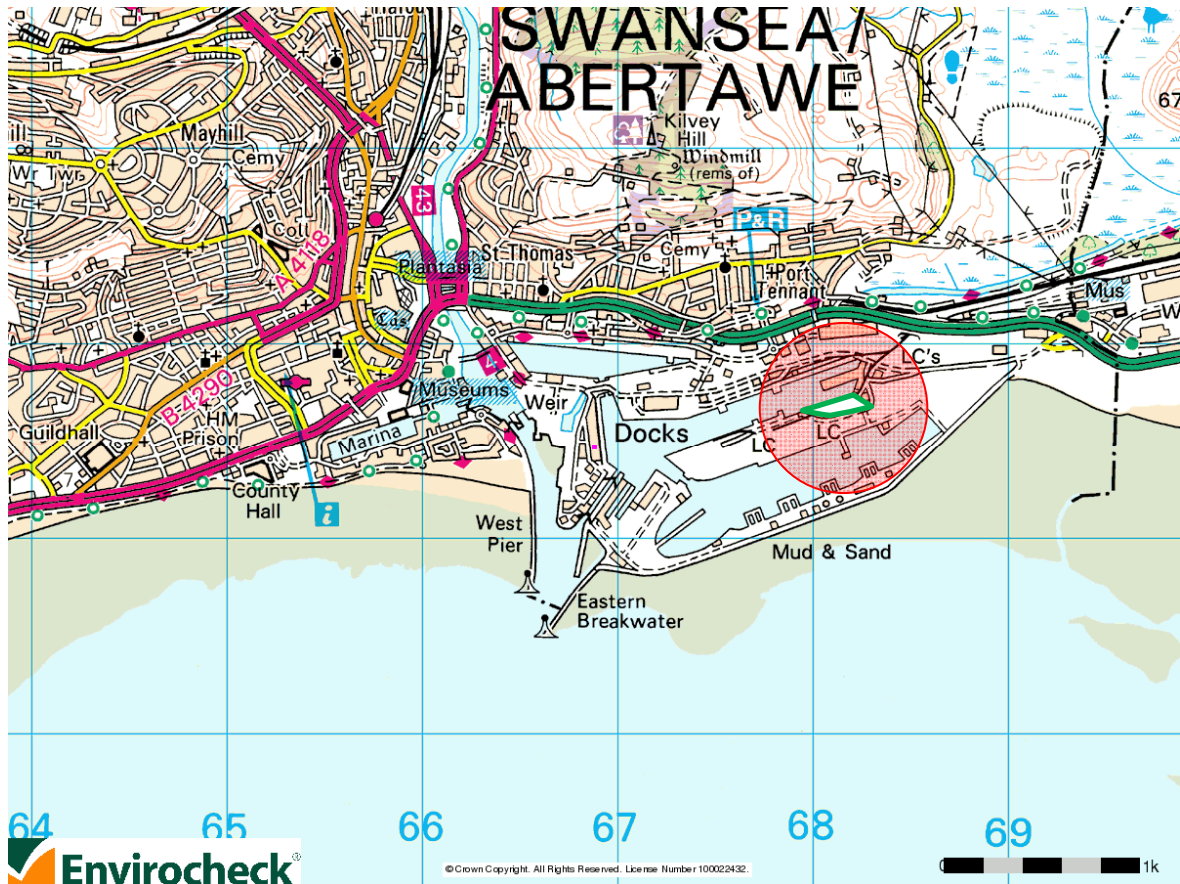
8 DECOMMISSIONING AND REMOVAL OF POLLUTION RISK

EPS MR will review and update this Site Condition Report to ensure all measures taken during decommissioning are documented.

9 REFERENCE DATA AND REMEDIATION

EPS MR will review and update this Site Condition Report to ensure that all reference data relating to any potential future remediation is documented.

Figure 1 Site Location Plan



LEGEND



PERMIT BOUNDARY

Reproduced from the Ordnance Survey Land Ranger Map
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Figure 2 Proposed Permit Boundary

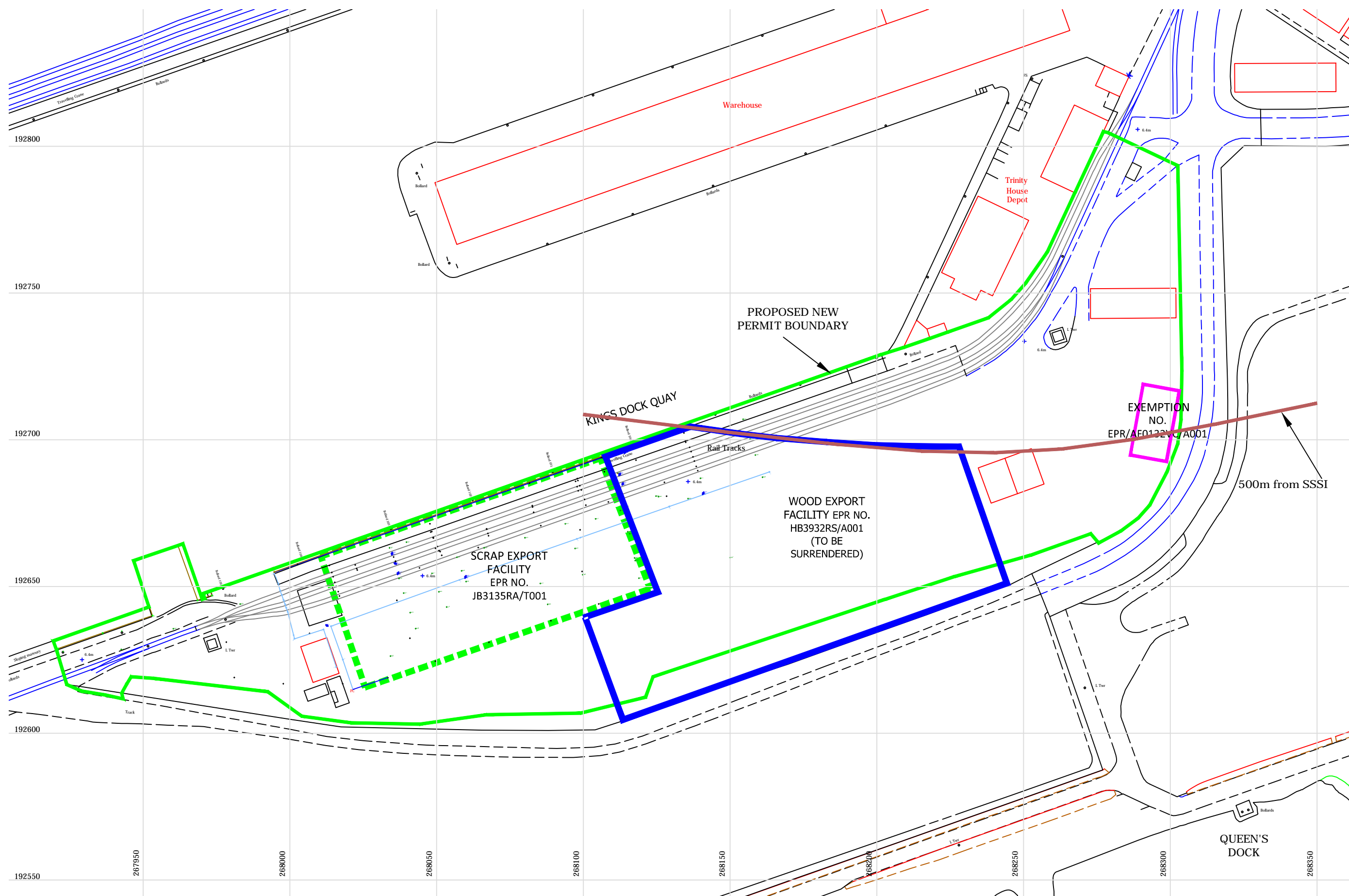
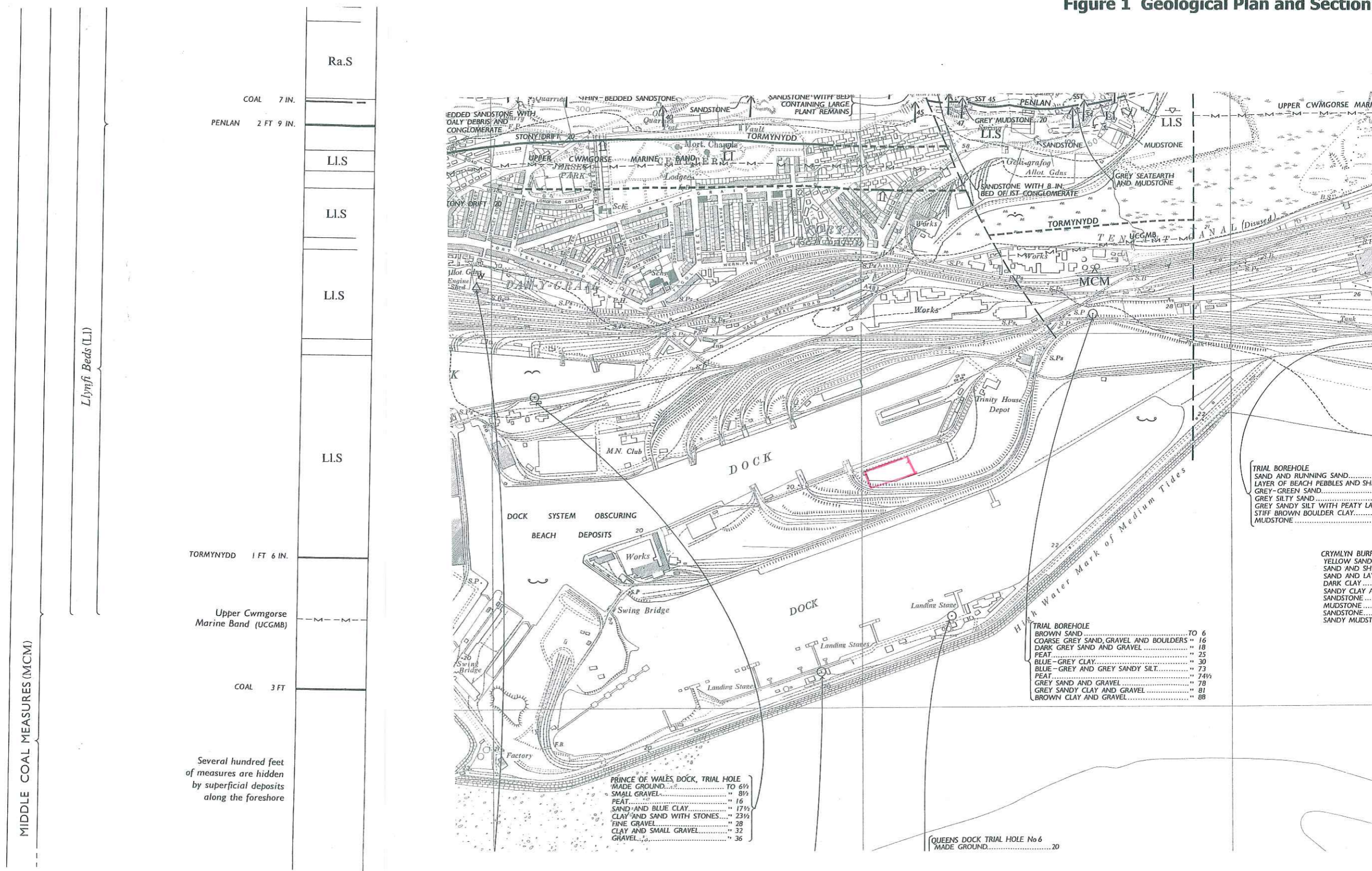


Figure 1 Geological Plan and Section

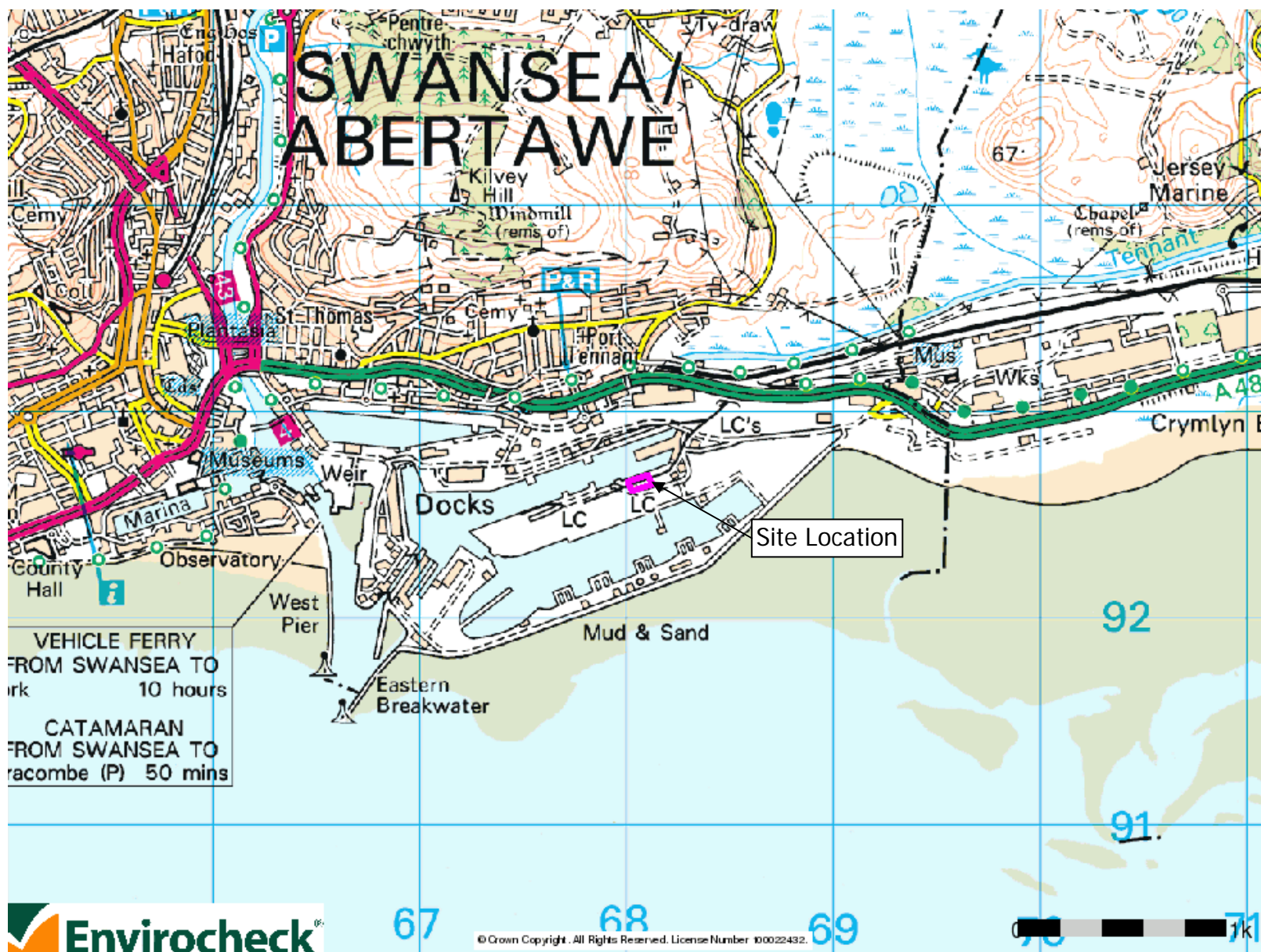


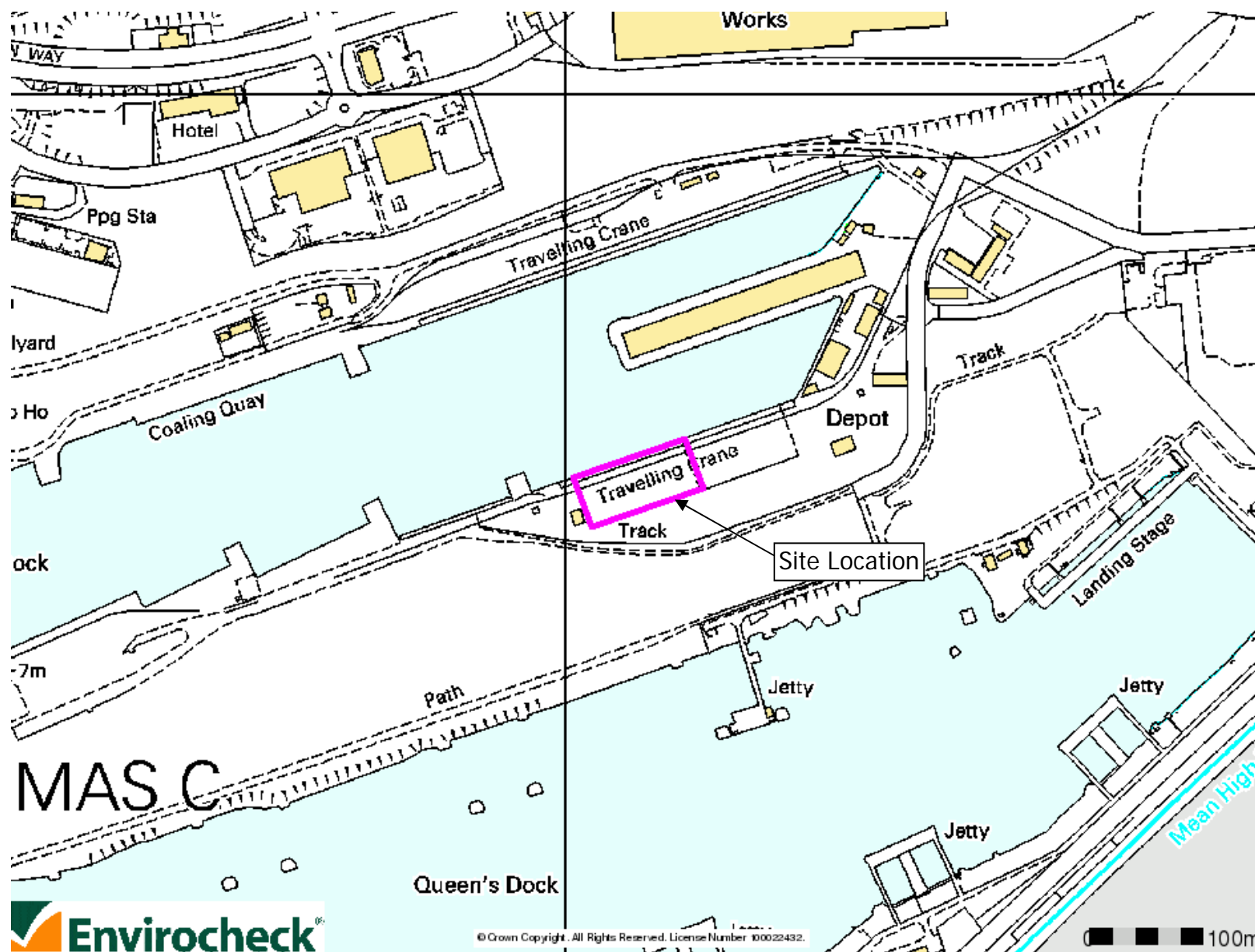
REPORT 2

EPS MR LTD ENVIRONMENTAL PERMIT VARIATION

UPDATED SITE CONDITION REPORT

Appendix 1
Site Plans and
Aerial Photograph
Report Number 1469r2v1d0316







REPORT 2

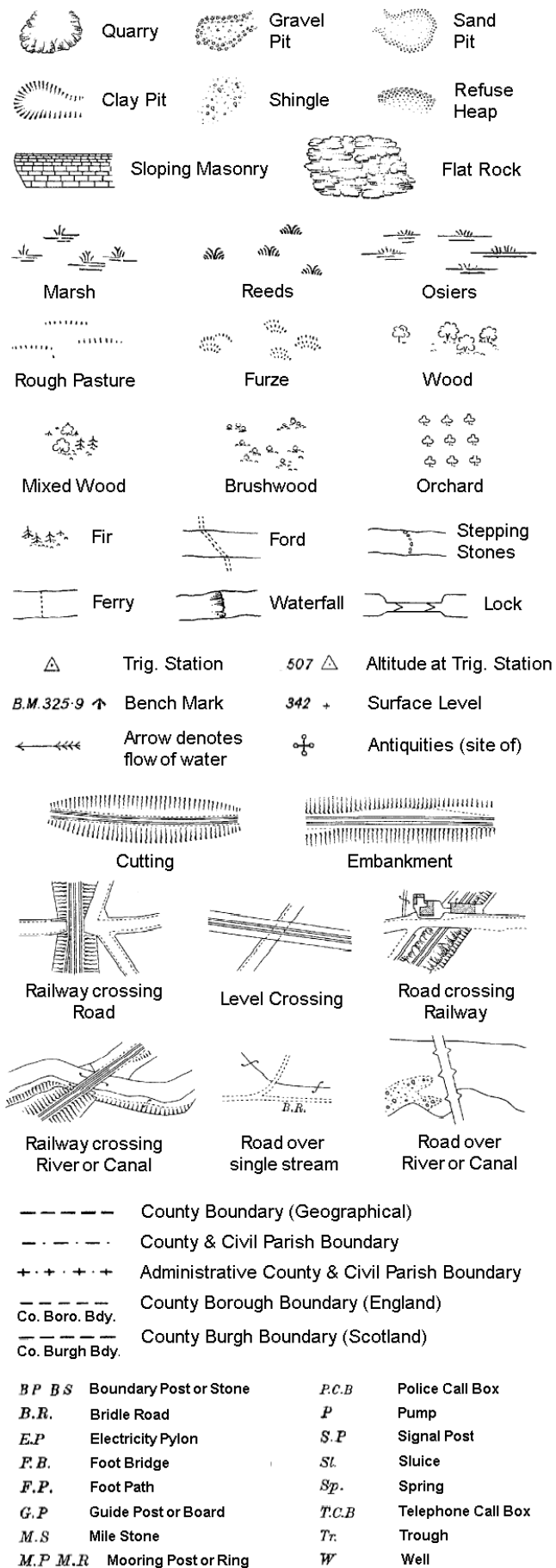
EPS MR LTD ENVIRONMENTAL PERMIT VARIATION

UPDATED SITE CONDITION REPORT

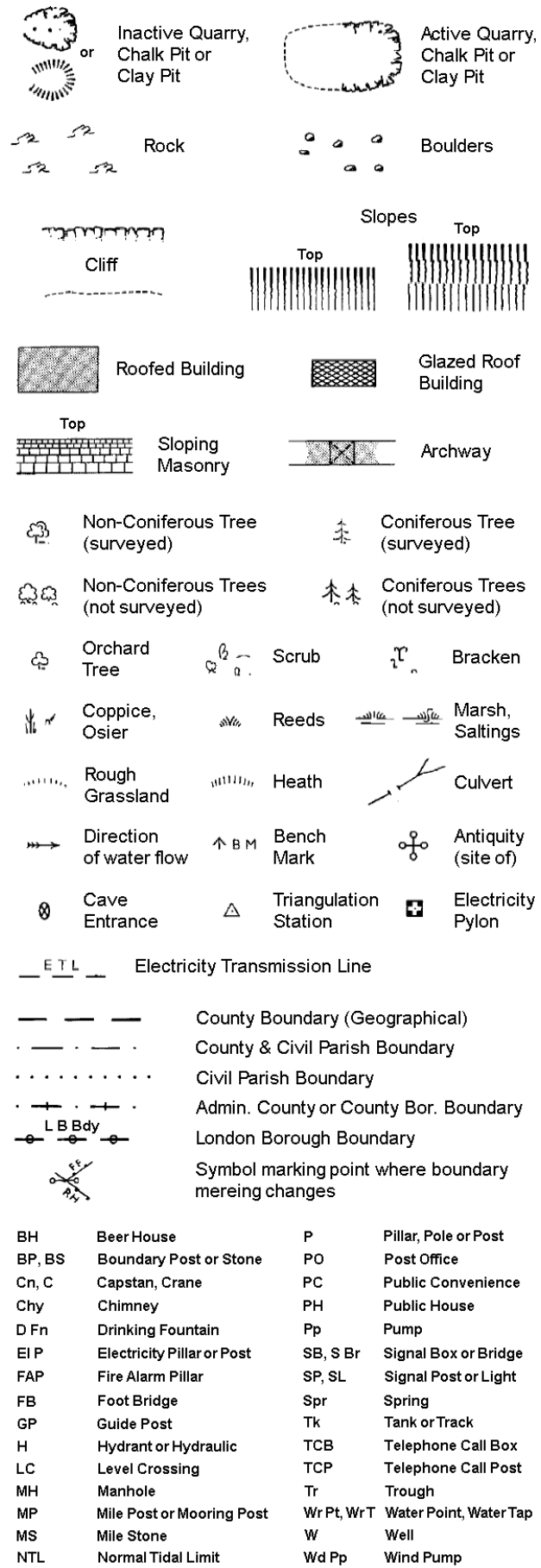
Appendix 2
Historical Ordnance
Survey Maps
Report Number 1469r2v1d0316

Historical Mapping Legends

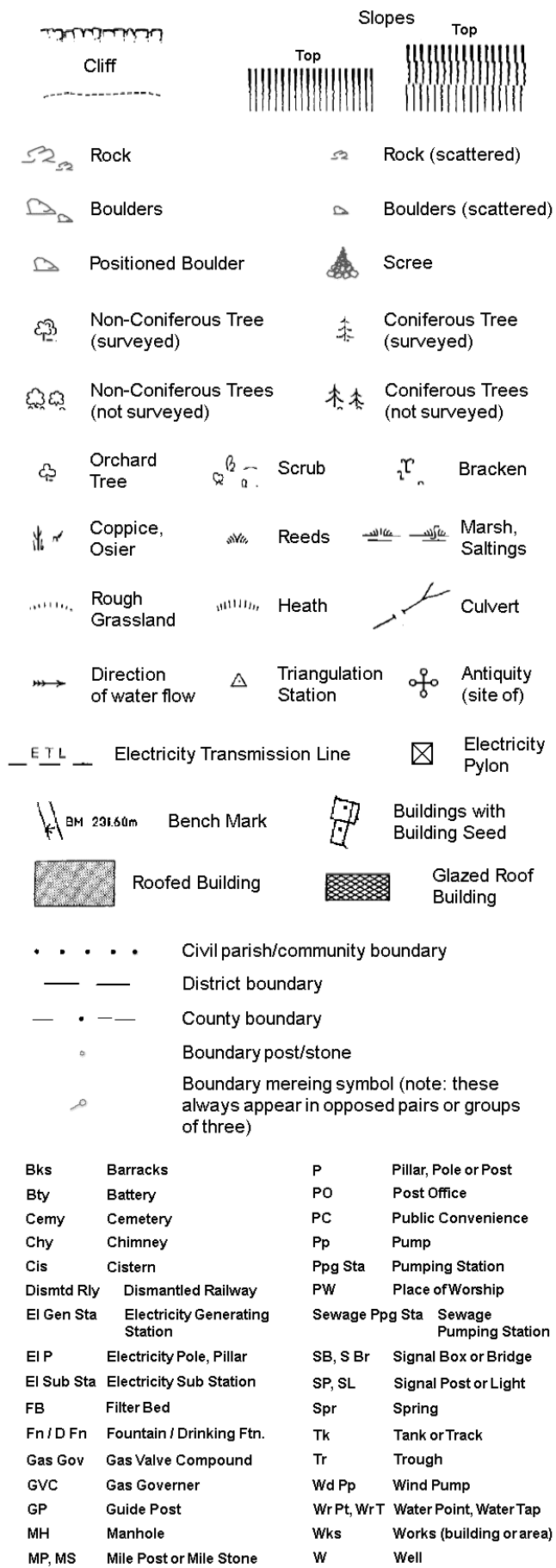
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



Ordinance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



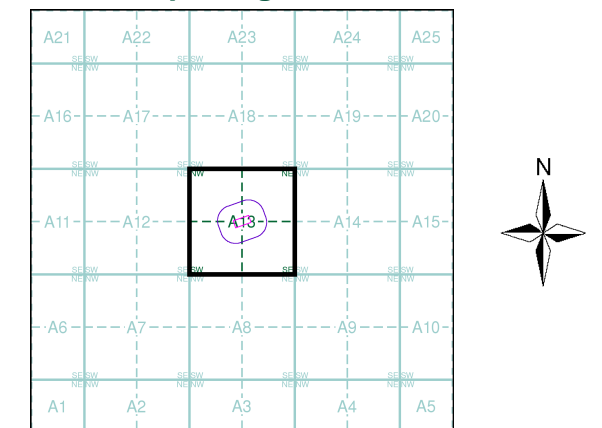
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1879	2
Glamorganshire	1:2,500	1899	3
Glamorganshire	1:2,500	1918 - 1919	4
Ordnance Survey Plan	1:1,250	1948 - 1949	5
Ordnance Survey Plan	1:2,500	1951	6
Ordnance Survey Plan	1:1,250	1960 - 1966	7
Ordnance Survey Plan	1:1,250	1966 - 1975	8
Ordnance Survey Plan	1:2,500	1968	9
Additional SIMs	1:1,250	1991	10
Large-Scale National Grid Data	1:1,250	1992	11
Large-Scale National Grid Data	1:1,250	1993 - 1994	12
Large-Scale National Grid Data	1:1,250	1994	13

Historical Map - Segment A13



Order Details

Order Number: 32433245_1_1
Customer Ref: 996 EPS
National Grid Reference: 268070, 192650
Slice: A
Site Area (Ha): 0.5
Search Buffer (m): 100

Site Details

Site at, Swansea/Abertawe, Swansea



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

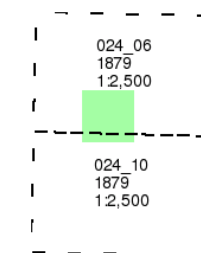
Glamorganshire

Published 1879

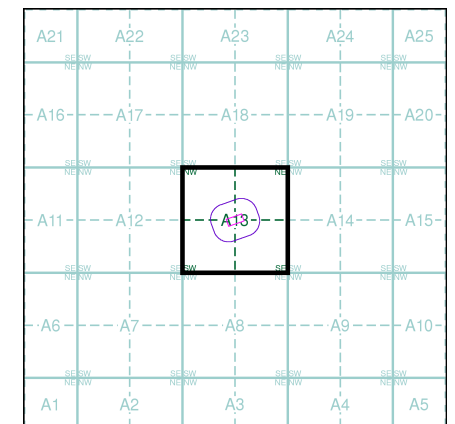
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

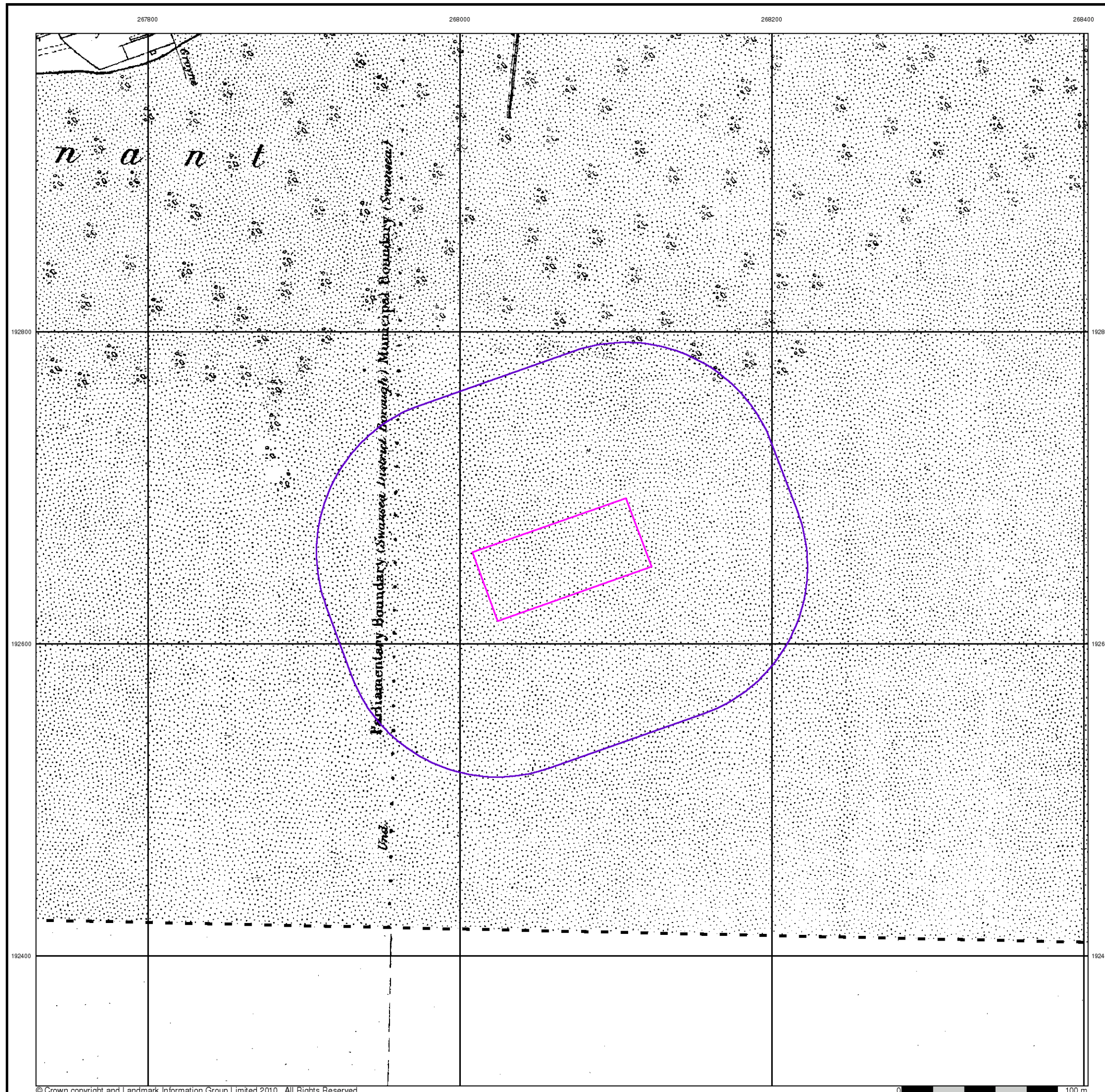


Order Details

Order Number: 32433245_1_1
Customer Ref: 996 EPS
National Grid Reference: 268070, 192650
Slice: A
Site Area (Ha): 0.5
Search Buffer (m): 100

Site Details

Site at, Swansea/Abertawe, Swansea



The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Glamorganshire

Published 1918 - 1919

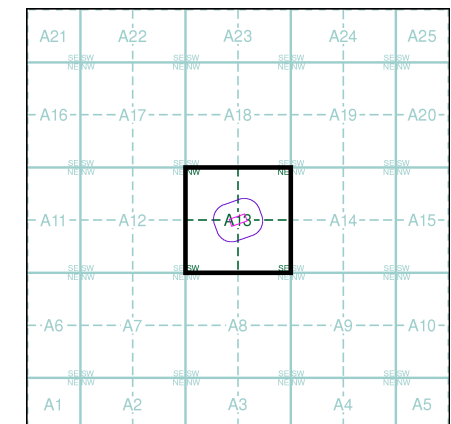
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

024_06	1919	1:2,500
024_10	1918	1:2,500

Historical Map - Segment A13

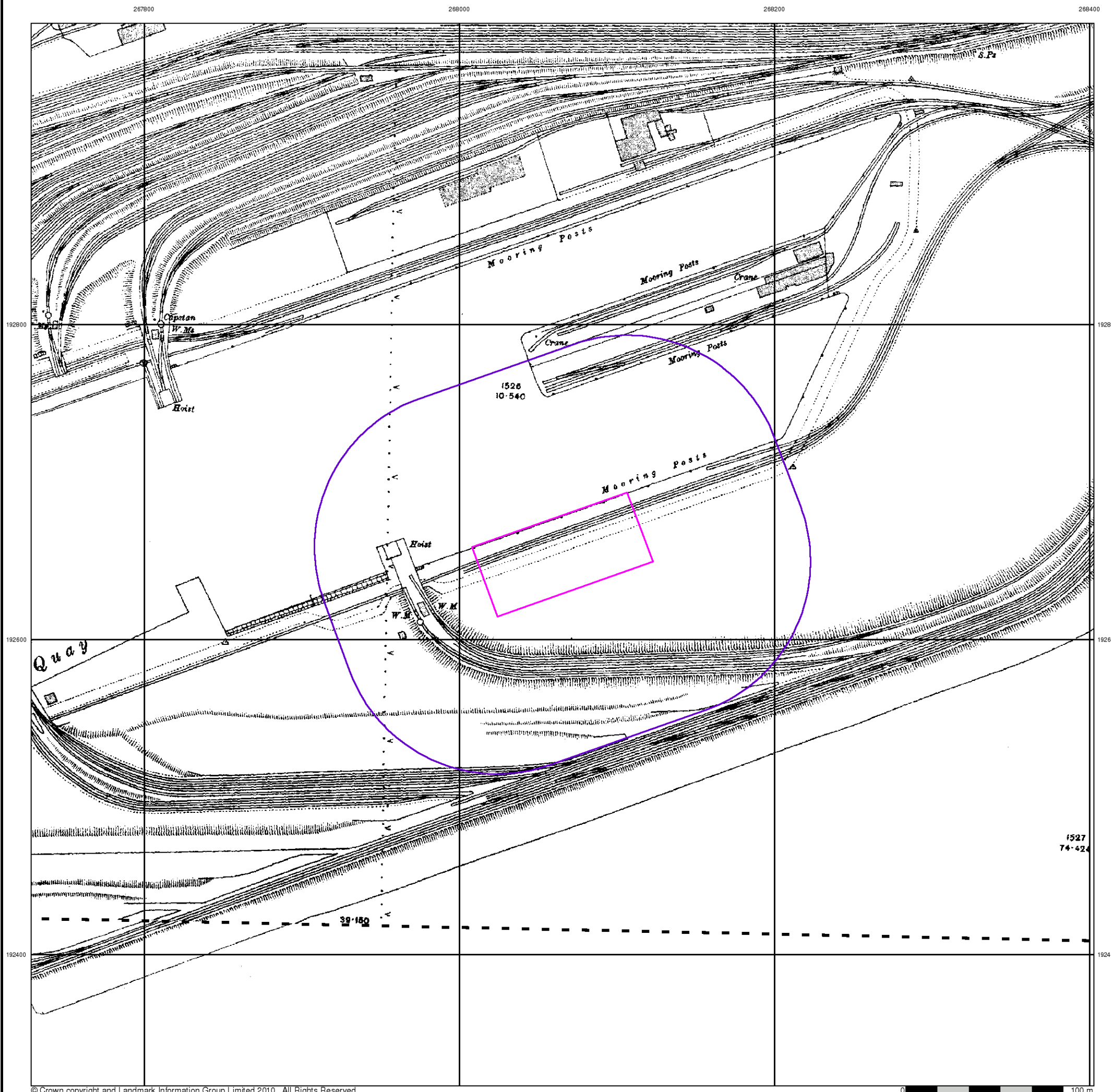


Order Details

Order Number: 32433245_1_1
 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 100

Site Details

Site at, Swansea/Abertawe, Swansea



Ordnance Survey Plan

Published 1948 - 1949

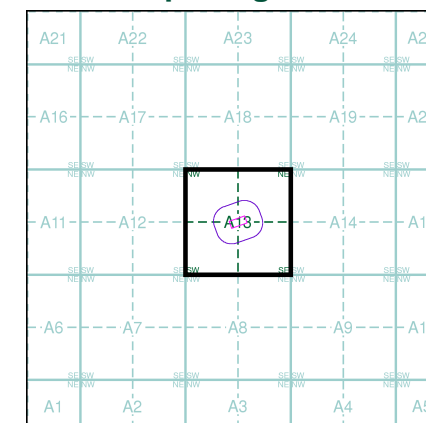
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

SS6792NE	SS6892NW
1949	1948
1:1,250	1:1,250
SS6792SE	SS6892SW
1949	1948
1:1,250	1:1,250

Historical Map - Segment A13

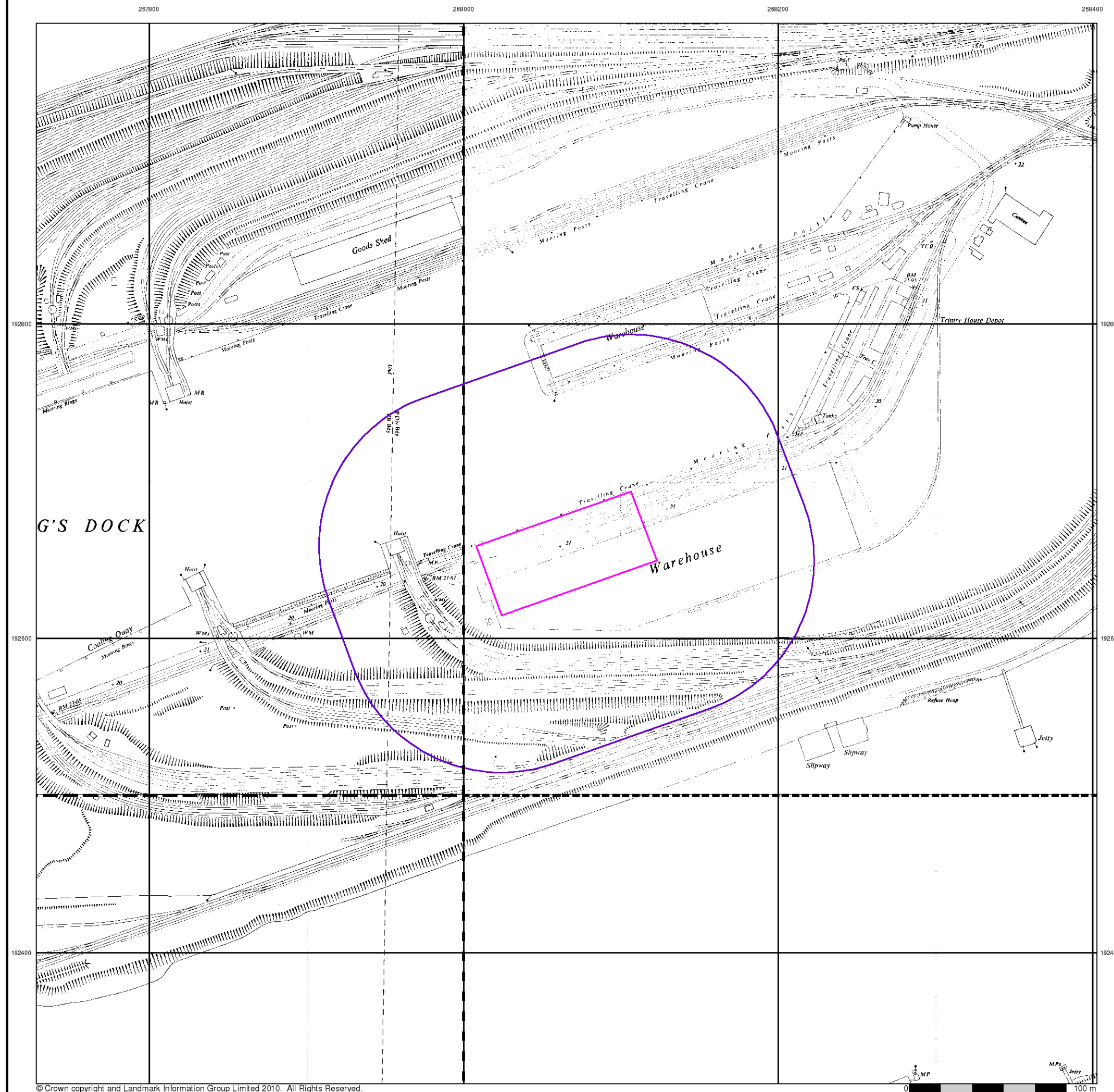


Order Details

Order Number: 32433245_1_1
 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 100

Site Details

Site at, Swansea/Abertawe, Swansea



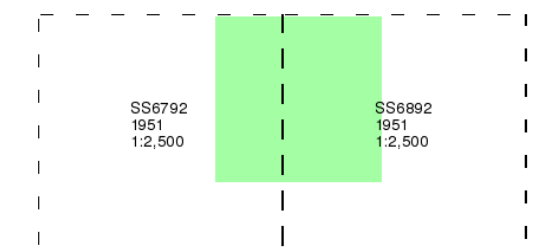
Ordnance Survey Plan

Published 1951

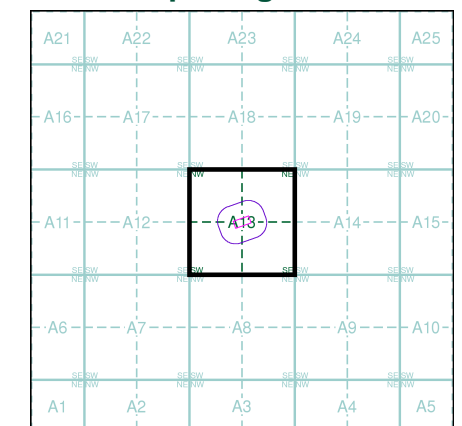
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

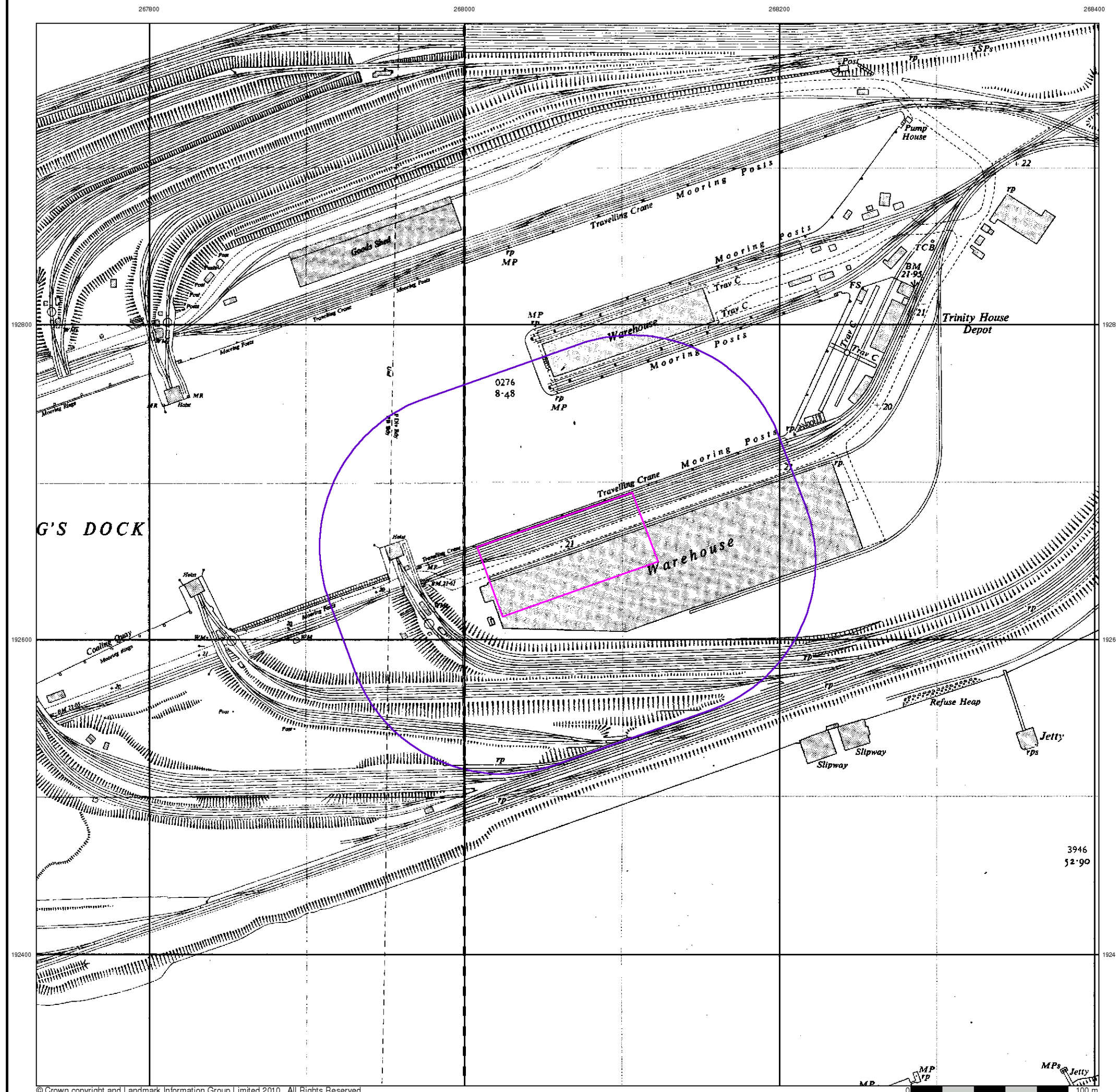


Order Details

Order Number: 32433245_1_1
Customer Ref: 996 EPS
National Grid Reference: 268070, 192650
Slice: A
Site Area (Ha): 0.5
Search Buffer (m): 100

Site Details

Site at, Swansea/Abertawe, Swansea



Ordnance Survey Plan

Published 1960 - 1966

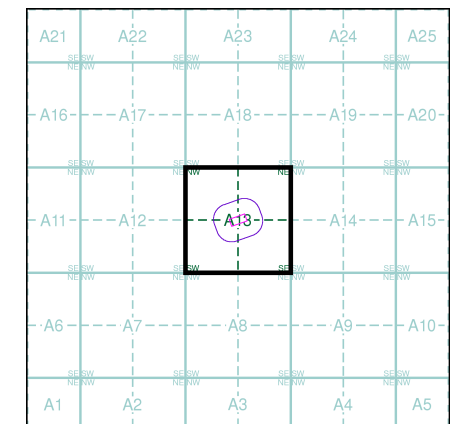
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

SS6792NE	SS6892NW
1966	1960
1:1,250	1:1,250
SS6792SE	SS6892SW
1960	1960
1:1,250	1:1,250

Historical Map - Segment A13

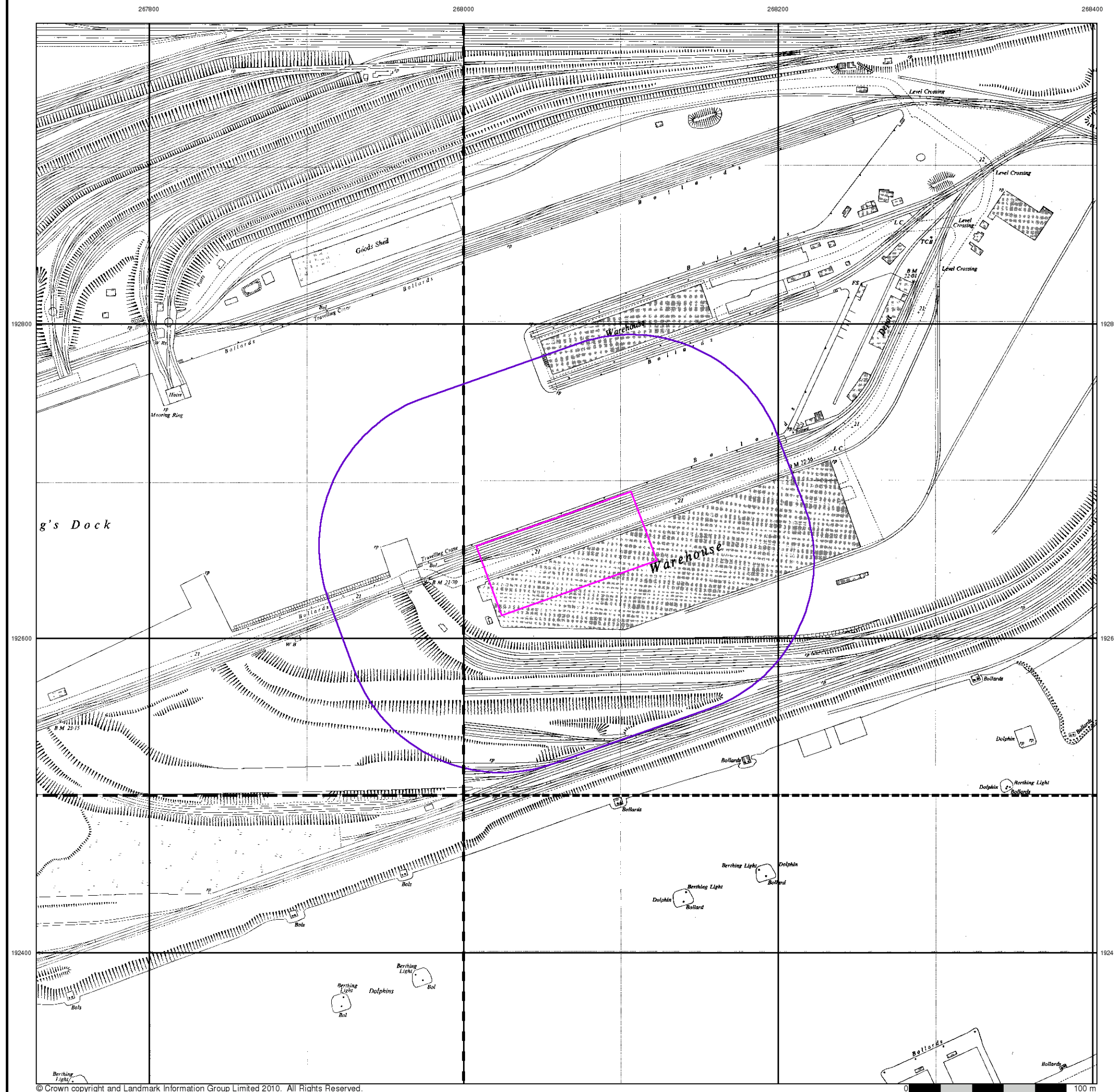


Order Details

Order Number: 32433245_1_1
 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 100

Site Details

Site at, Swansea/Abertawe, Swansea



Ordnance Survey Plan

Published 1966 - 1975

Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

SS6792SE	SS6892NW
1966	1975
1:1,250	1:1,250

Historical Map - Segment A13

A21	A22	A23	A24	A25
A16	A17	A18	A19	A20
A11	A12	A13	A14	A15
A6	A7	A8	A9	A10
A1	A2	A3	A4	A5

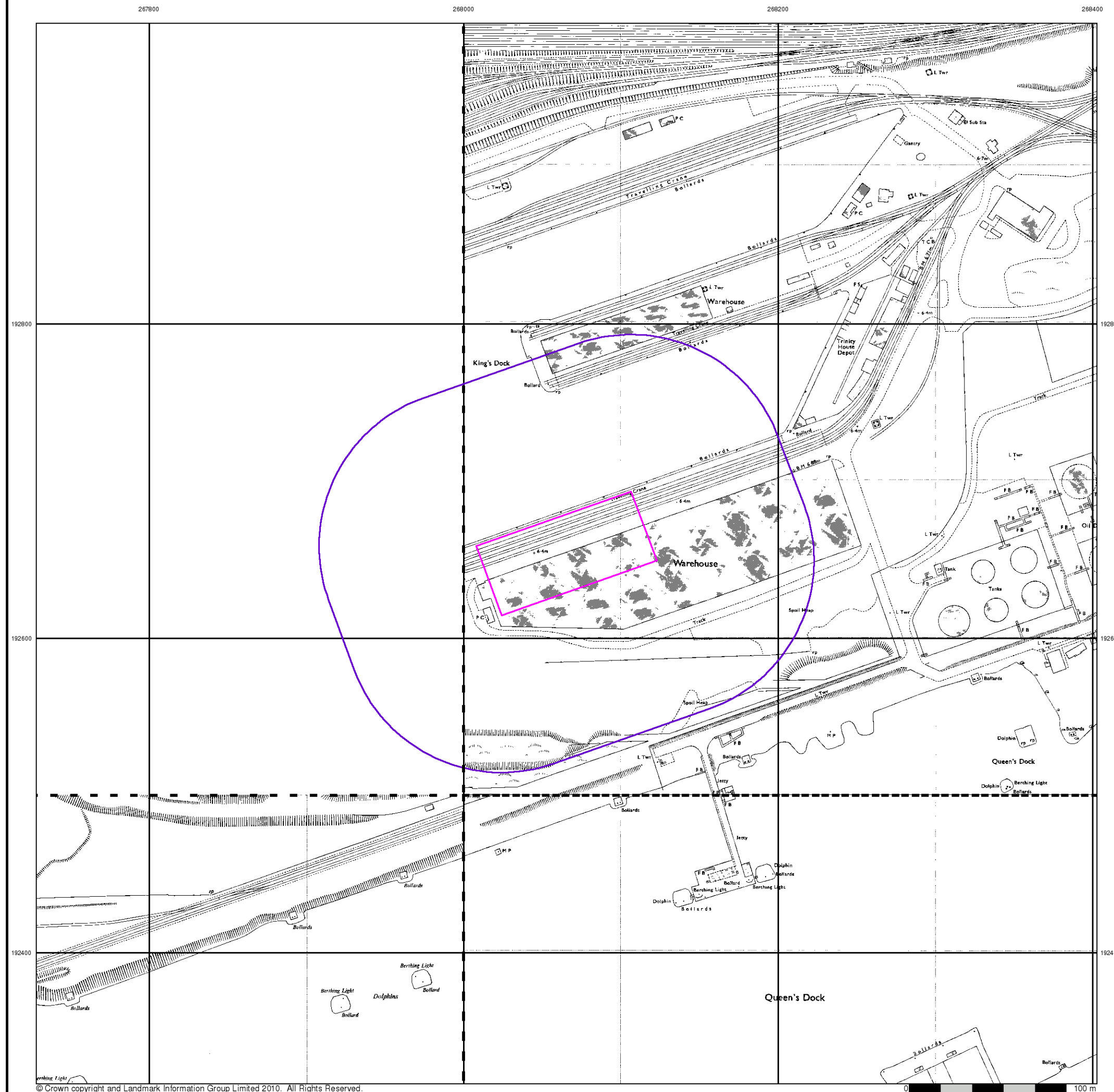


Order Details

Order Number: 32433245_1_1
 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 100

Site Details

Site at, Swansea/Abertawe, Swansea



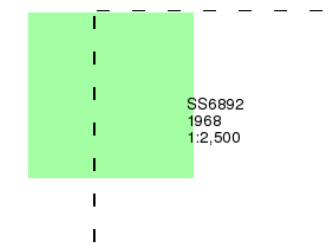
Ordnance Survey Plan

Published 1968

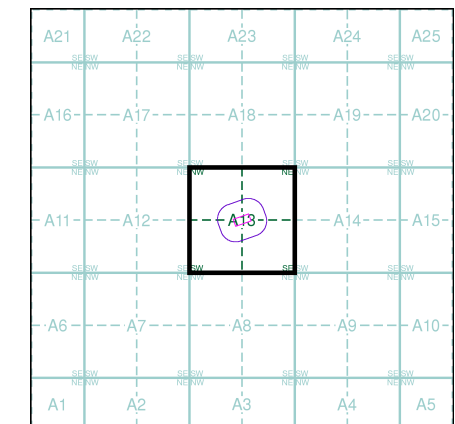
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

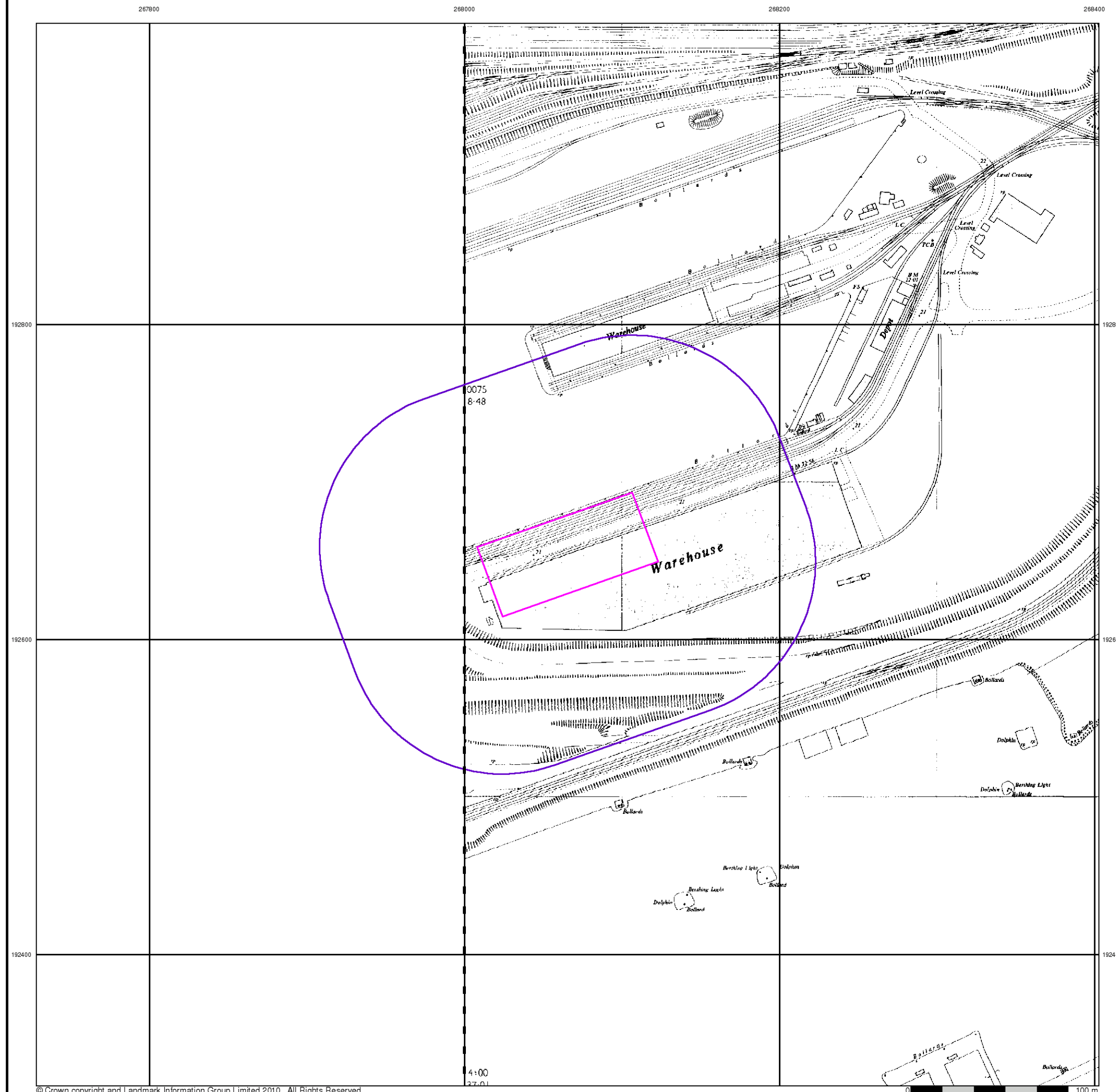


Order Details

Order Number: 32433245_1_1
Customer Ref: 996 EPS
National Grid Reference: 268070, 192650
Slice: A
Site Area (Ha): 0.5
Search Buffer (m): 100

Site Details

Site at, Swansea/Abertawe, Swansea



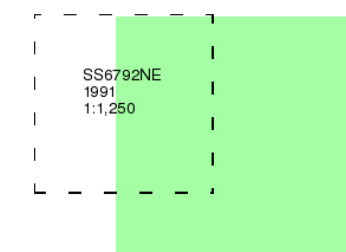
Additional SIMs

Published 1991

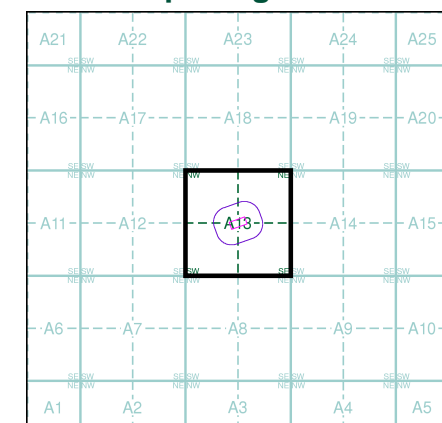
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13

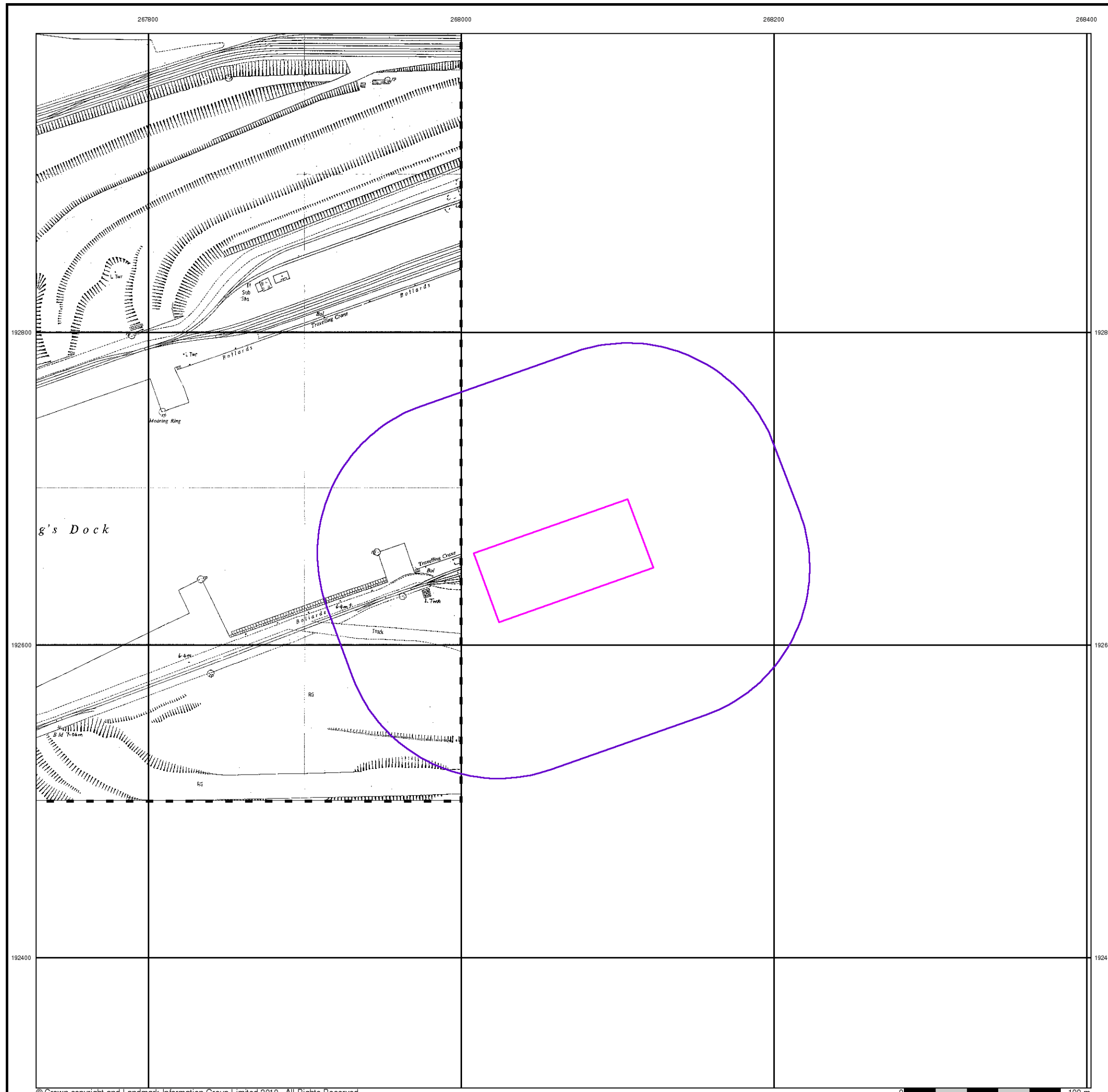


Order Details

Order Number: 32433245_1_1
 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 100

Site Details

Site at, Swansea/Abertawe, Swansea



Large-Scale National Grid Data

Published 1992

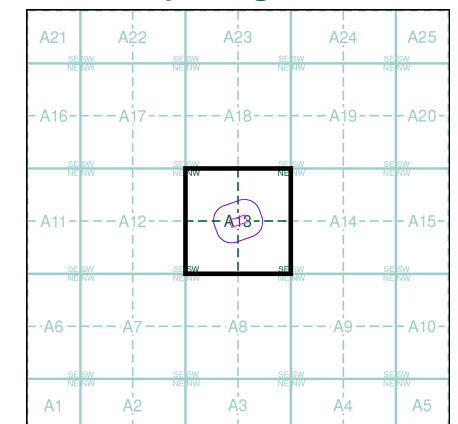
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

SS6792NE	SS6892NW
1992	1992
1:1,250	1:1,250
SS6792SE	SS6892SW
1992	1992
1:1,250	1:1,250

Historical Map - Segment A13

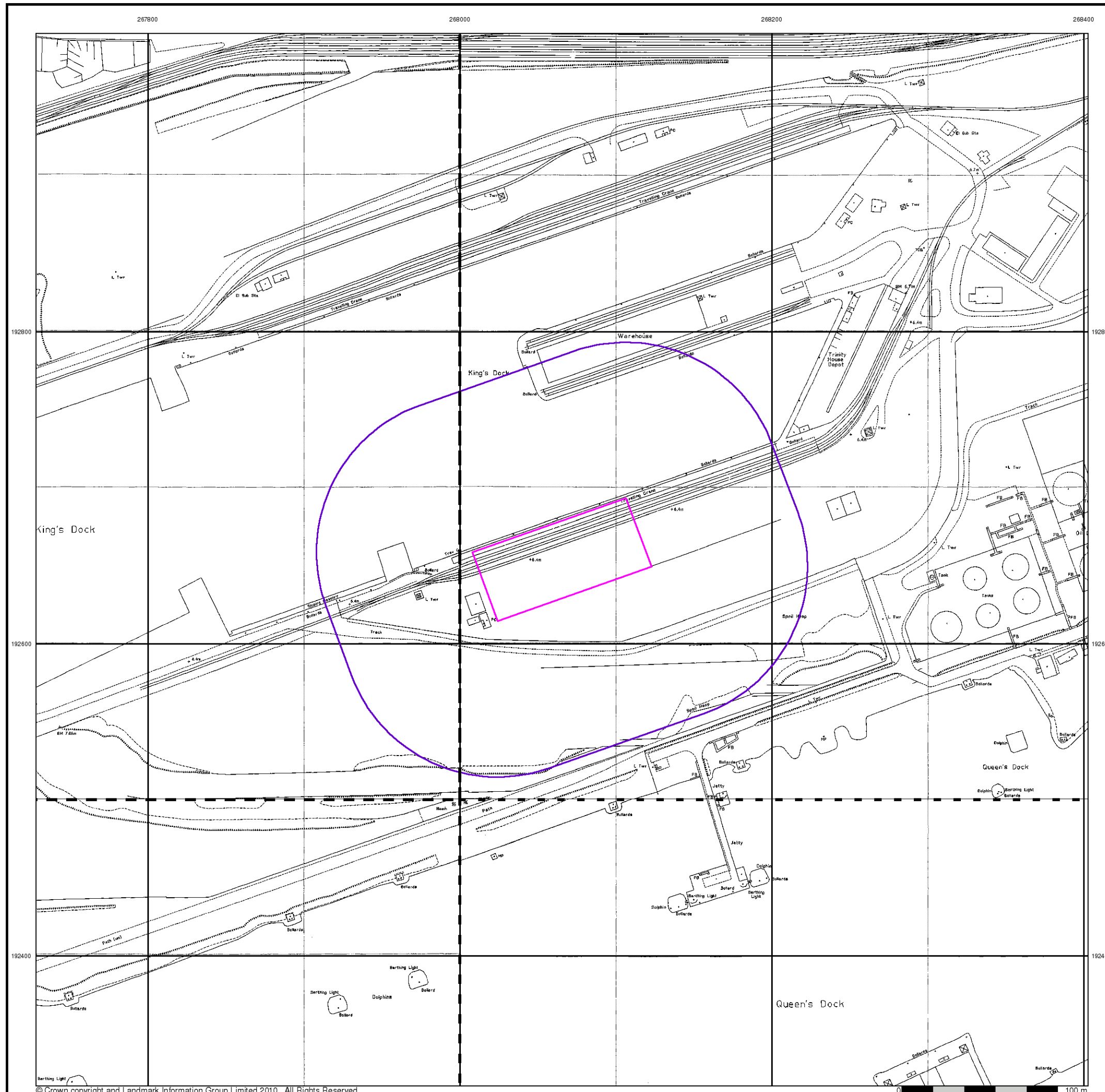


Order Details

Order Number: 32433245_1_1
 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 100

Site Details

Site at, Swansea/Abertawe, Swansea



Large-Scale National Grid Data

Published 1993 - 1994

Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

SS6792NE 1994 1:1,250	SS6892NW 1993 1:1,250
-----------------------------	-----------------------------

Historical Map - Segment A13

A21	A22	A23	A24	A25
A16	A17	A18	A19	A20
A11	A12	A13	A14	A15
A6	A7	A8	A9	A10
A1	A2	A3	A4	A5

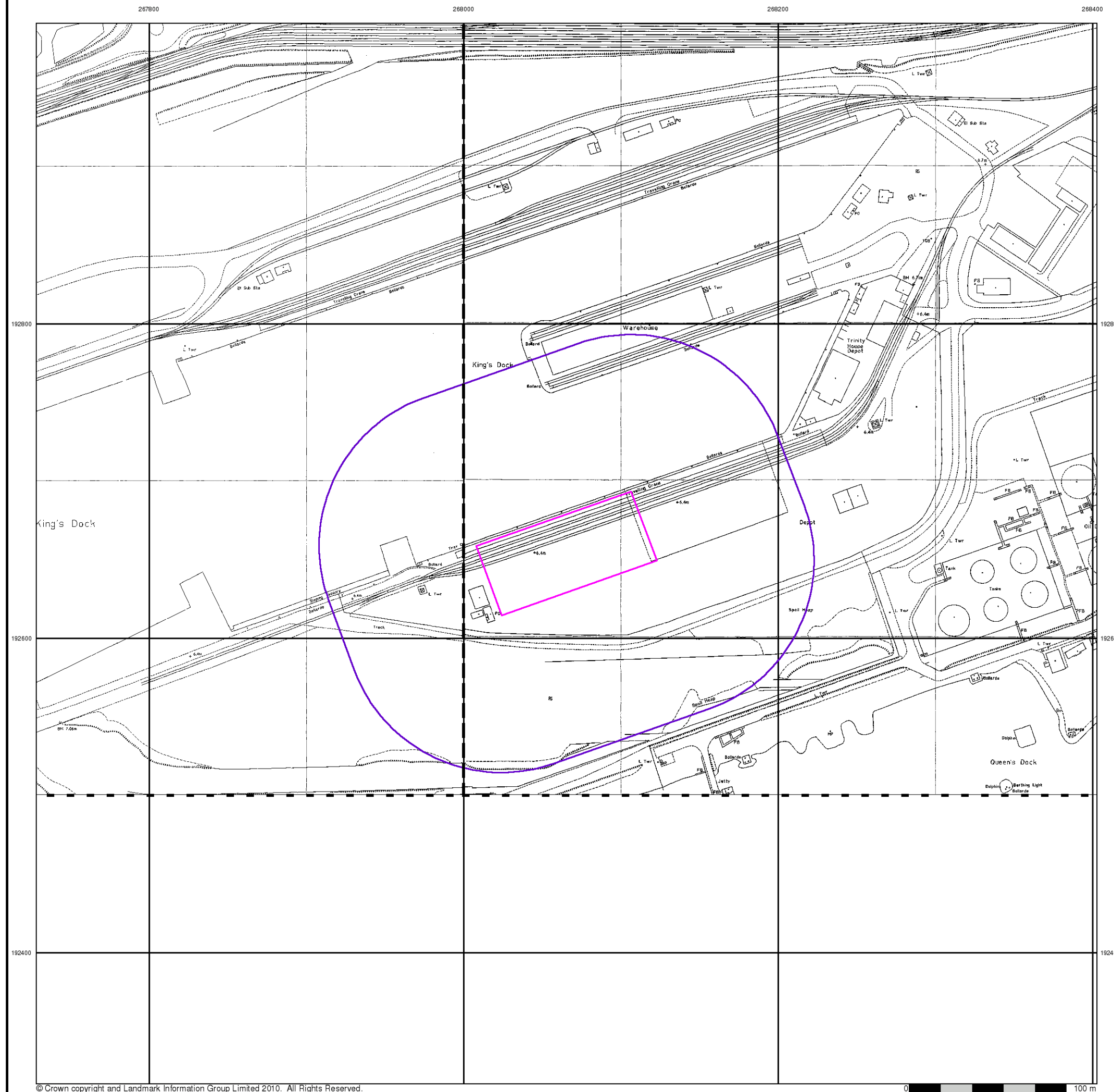


Order Details

Order Number: 32433245_1_1
 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 100

Site Details

Site at, Swansea/Abertawe, Swansea



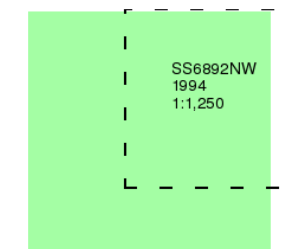
Large-Scale National Grid Data

Published 1994

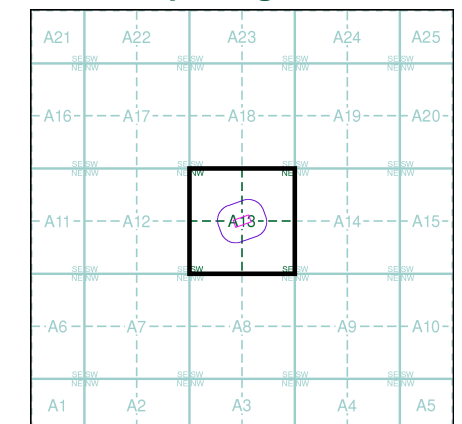
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13

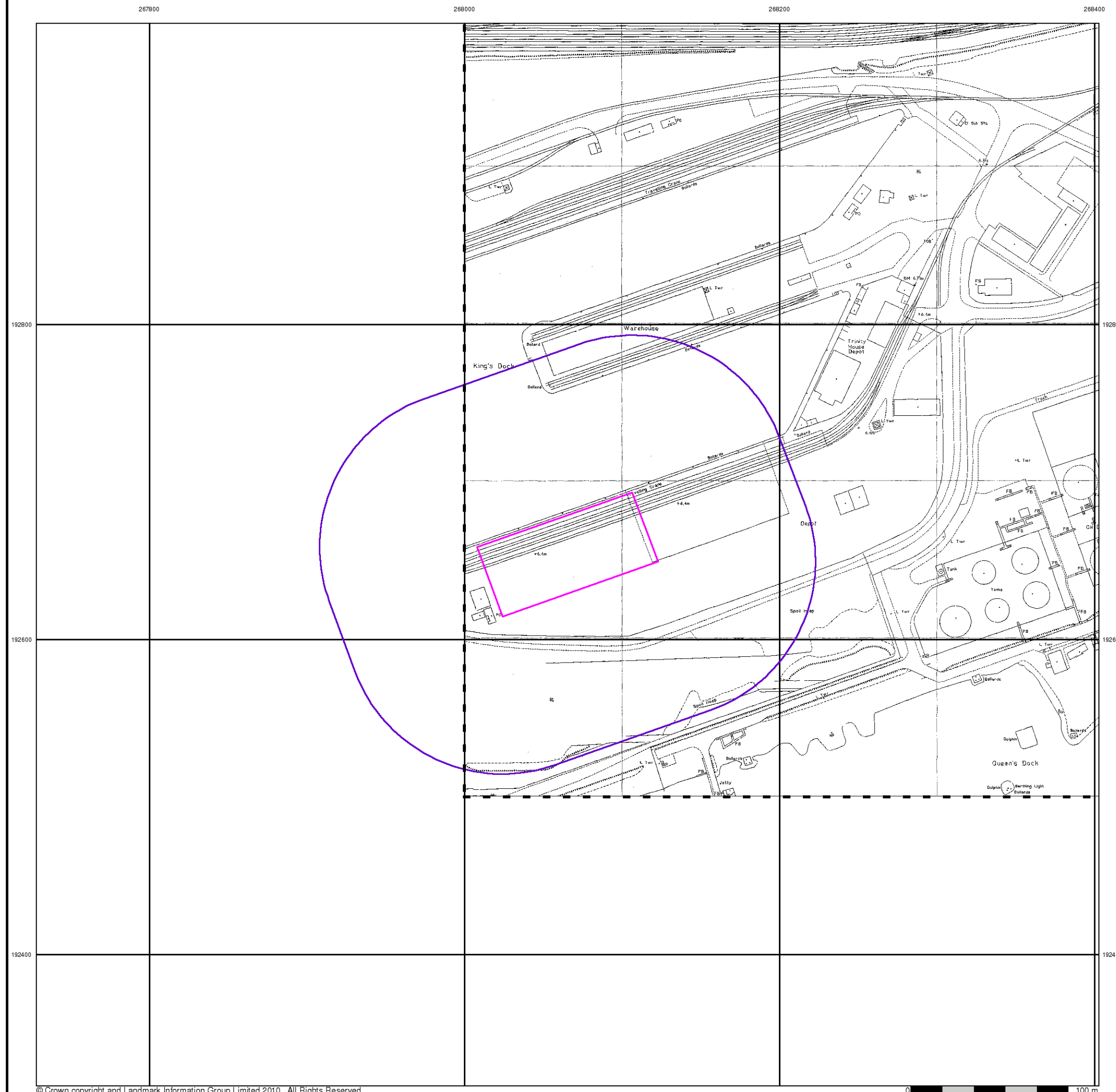


Order Details

Order Number: 32433245_1_1
 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 100

Site Details

Site at, Swansea/Abertawe, Swansea



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	•285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

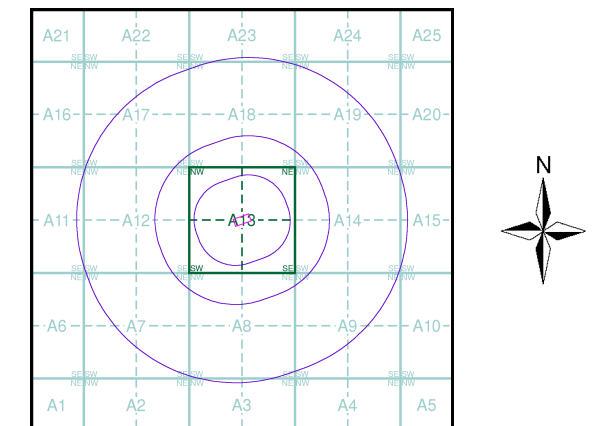
1:10,000 Raster Mapping

	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	Mean high water (springs)		Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1884	3
Glamorganshire	1:10,560	1900	4
Glamorganshire	1:10,560	1921	5
Glamorganshire	1:10,560	1938	6
Historical Aerial Photography	1:10,560	1949	7
Historical Aerial Photography	1:10,560	1949	8
Glamorganshire	1:10,560	1951	9
Ordnance Survey Plan	1:10,000	1964	10
Swansea	1:10,000	1976	11
Ordnance Survey Plan	1:10,000	1979	12
Ordnance Survey Plan	1:10,000	1989	13
10K Raster Mapping	1:10,000	1999	14
10K Raster Mapping	1:10,000	2006	15
10K Raster Mapping	1:10,000	2010	16

Historical Map - Slice A



Order Details

Order Number: 32433245_1_1
Customer Ref: 996 EPS
National Grid Reference: 268070, 192650
Slice: A
Site Area (Ha): 0.5
Search Buffer (m): 1000

Site Details

Site at, Swansea/Abertawe, Swansea

Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings

Military and Industrial Buildings

Military and Communication Areas

Subway Entrance

Fireproof Building

Prominent Fireproof Building

Non-fireproof Building

Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys

Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale

Hydroelectric Power Station

Radio Station, drawn to scale

Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry

Open-pit Salt Mine

Pit

Oil Deposit or Well

Oil Seepage

Tailings Pile

Fuel Storage Tanks

Natural Gas Tank

Bench Mark

Drill Hole

Burial Mound

Triangulation Point on Burial Mound

Single-track Railroad

Double-track Railroad and Station Building

Coniferous Forest

Deciduous Forest

Mixed Forest

Lawns

Citrus Orchard

Wet Ground

Scattered Vegetation

243.8 Values for prominent elevations

186.0 Numbers for spot elevations, depth soundings, contour lines, etc.

0.2 Velocity of the current, width of river bed, depth of river

180 120 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings

Military and Industrial Buildings

Military and Communication Areas

Subway Entrance

Partly Demolished Buildings

Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant

Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building

Prominent Industrial Building

Individual Dwelling, Fireproof

Ruins of an Individual Dwelling

Factory or Mill Chimney

Factory or Mill with Chimney

Factory or Mill without Chimney

Mine or Open Pit Mine

Operating Shaft or Mine

Non-Operating Shaft or Mine

Salt Mine

Tailings Pile

Pit

Stone Quarry

Gas Pump or Service Station

Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick

Small Hydroelectric Power Station

Power Station

Transformer Station

Cemetery

Burial Mound (height in metres)

Triangulation Point on Burial Mound

Triangulation Point

Bench Mark

Bench Mark (monumented)

Telegraph Office

Telephone Station

Radio Station

Radio Tower

Airfield or Seaplane Base

Landing Strip

Cut Fill Km Post Plantings

Telegraph/Telephone Lines

Main Highway

Highway under Construction

Improved Dirt Road (former truck road)

Small Bridge

Pipe (Culvert)

Tunnel

Dismantled Railroad

Double-track Railroad with First Class Station

Railroad Under Construction

Shore Embankment

River or Ditch with Embankment

Direction and velocity of current

Water Gauge

Water Level Mark

Well

Water Reservoir or Rain Water Pit

Spring

Isobath with value

Heavy (Index) Contour Line

Contour Line and Value

Half Contour Line

Spot Elevation Value

Coniferous

Deciduous

Mixed

Scrub

Key to Numbers on Mapping

SS69SE_Swansea

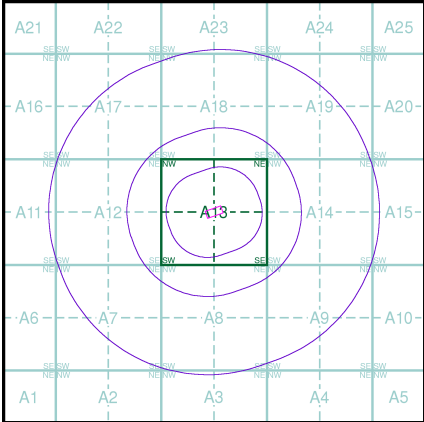
No.	Description
11	Factory (Briquette Fuel)
12	Factory (Briquette Fuel)
14	Factory (Railway Carriages)
52	Factory (Electric Cables)
85	Storage (Oil And Oil Products) And Moorage
89	Railway Station (Freight)
104	Water Treatment Works



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1884	3
Glamorganshire	1:10,560	1900	4
Glamorganshire	1:10,560	1921	5
Glamorganshire	1:10,560	1938	6
Historical Aerial Photography	1:10,560	1949	7
Historical Aerial Photography	1:10,560	1949	8
Glamorganshire	1:10,560	1951	9
Ordnance Survey Plan	1:10,000	1964	10
Swansea	1:10,000	1976	11
Ordnance Survey Plan	1:10,000	1979	12
Ordnance Survey Plan	1:10,000	1989	13
10K Raster Mapping	1:10,000	1999	14
10K Raster Mapping	1:10,000	2006	15
10K Raster Mapping	1:10,000	2010	16

Russian Map - Slice A



Order Details

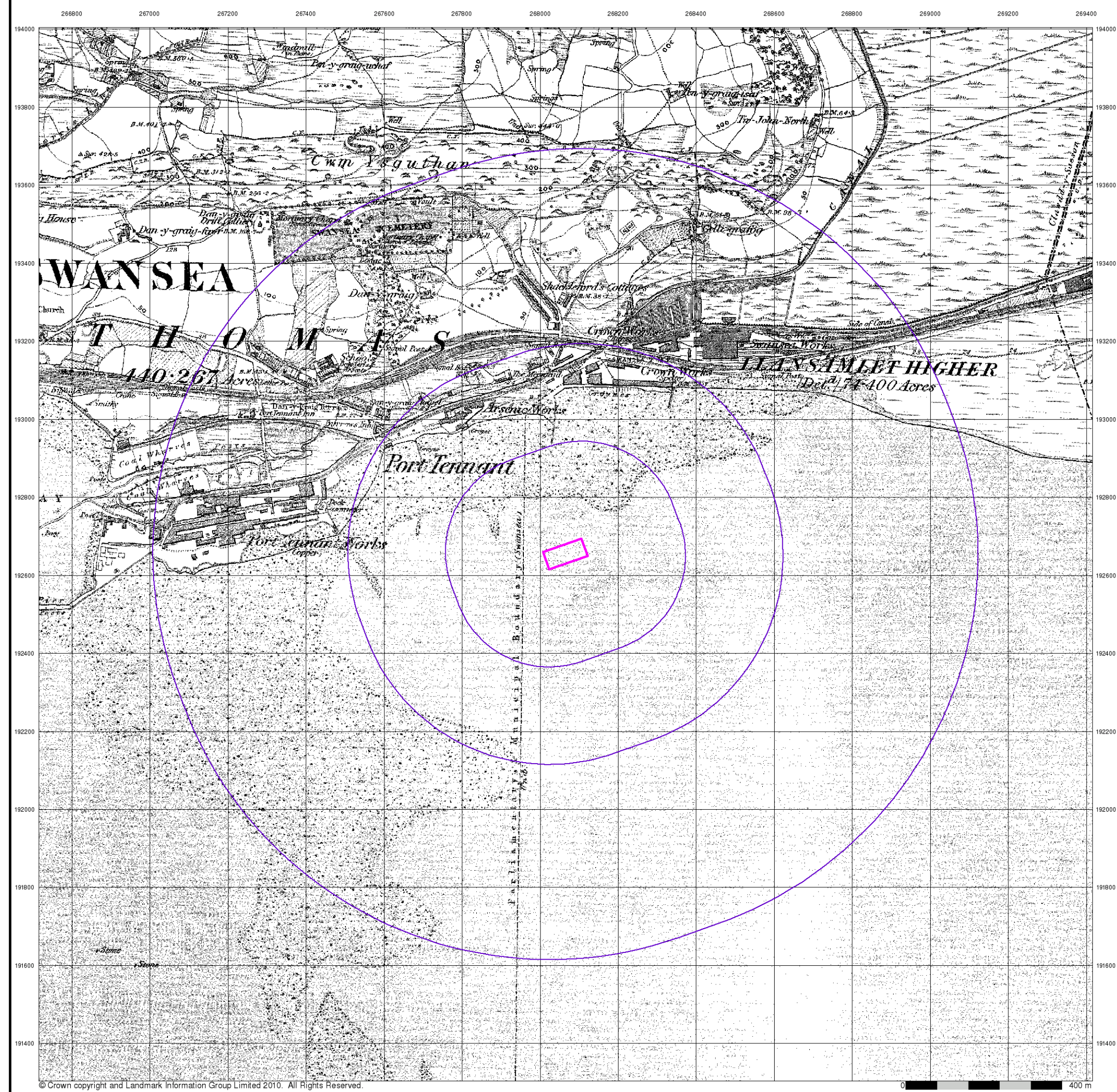
Order Number: 32433245_1_1
Customer Ref: 996 EPS
National Grid Reference: 268070, 192650
Slice: A
Site Area (Ha): 0.5
Search Buffer (m): 1000

Site Details

Site at, Swansea/Abertawe, Swansea



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



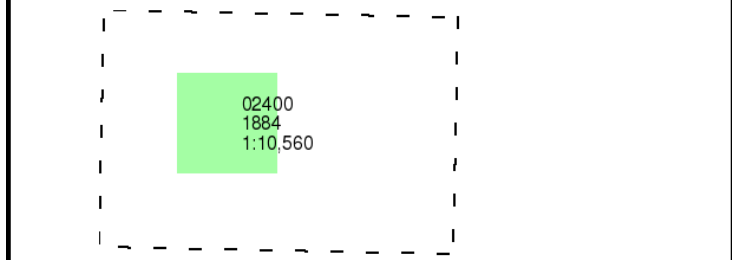
Glamorganshire

Published 1884

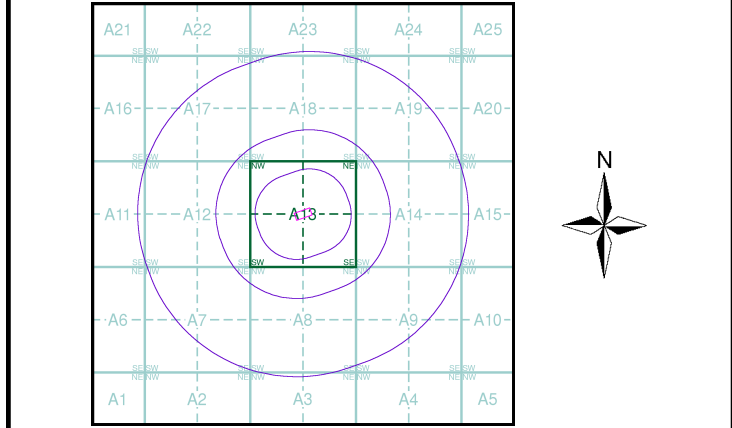
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details	
Order Number:	32433245_1_1
Customer Ref:	996 EPS
National Grid Reference:	268070, 192650
Slice:	A
Site Area (Ha):	0.5
Search Buffer (m):	1000

Site Details

Site at, Swansea/Abertawe, Swansea



Glamorganshire

Published 1900

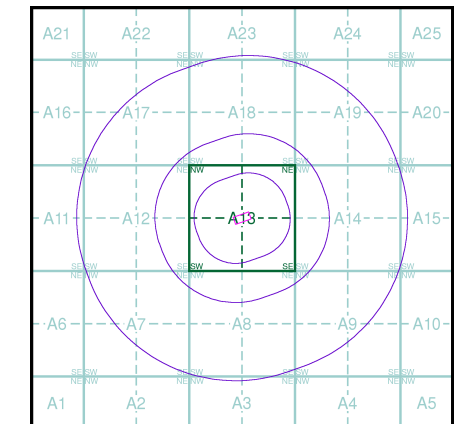
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

024NW	1900
1:10,560	
024SW	1900
1:10,560	

Historical Map - Slice A

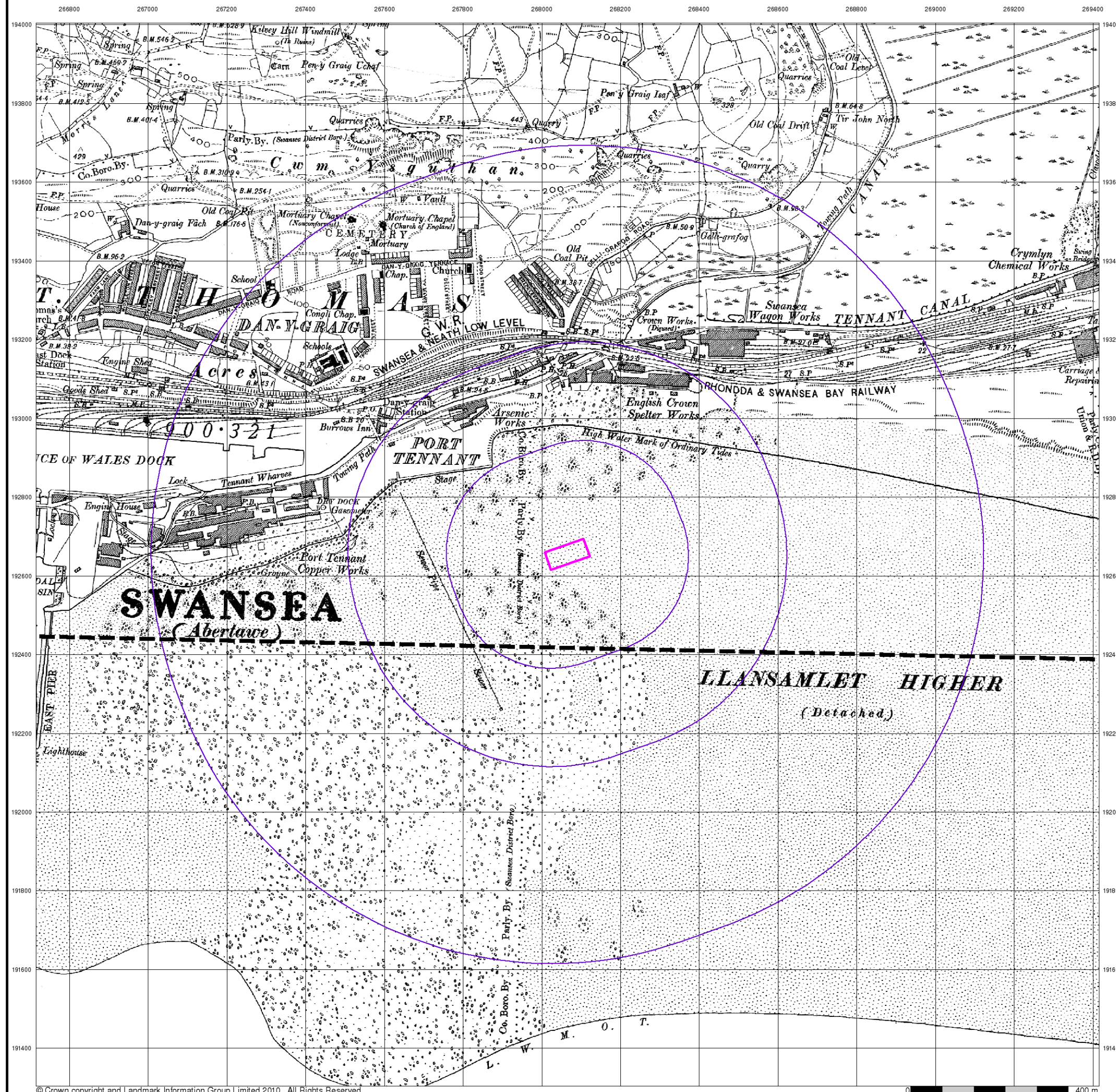


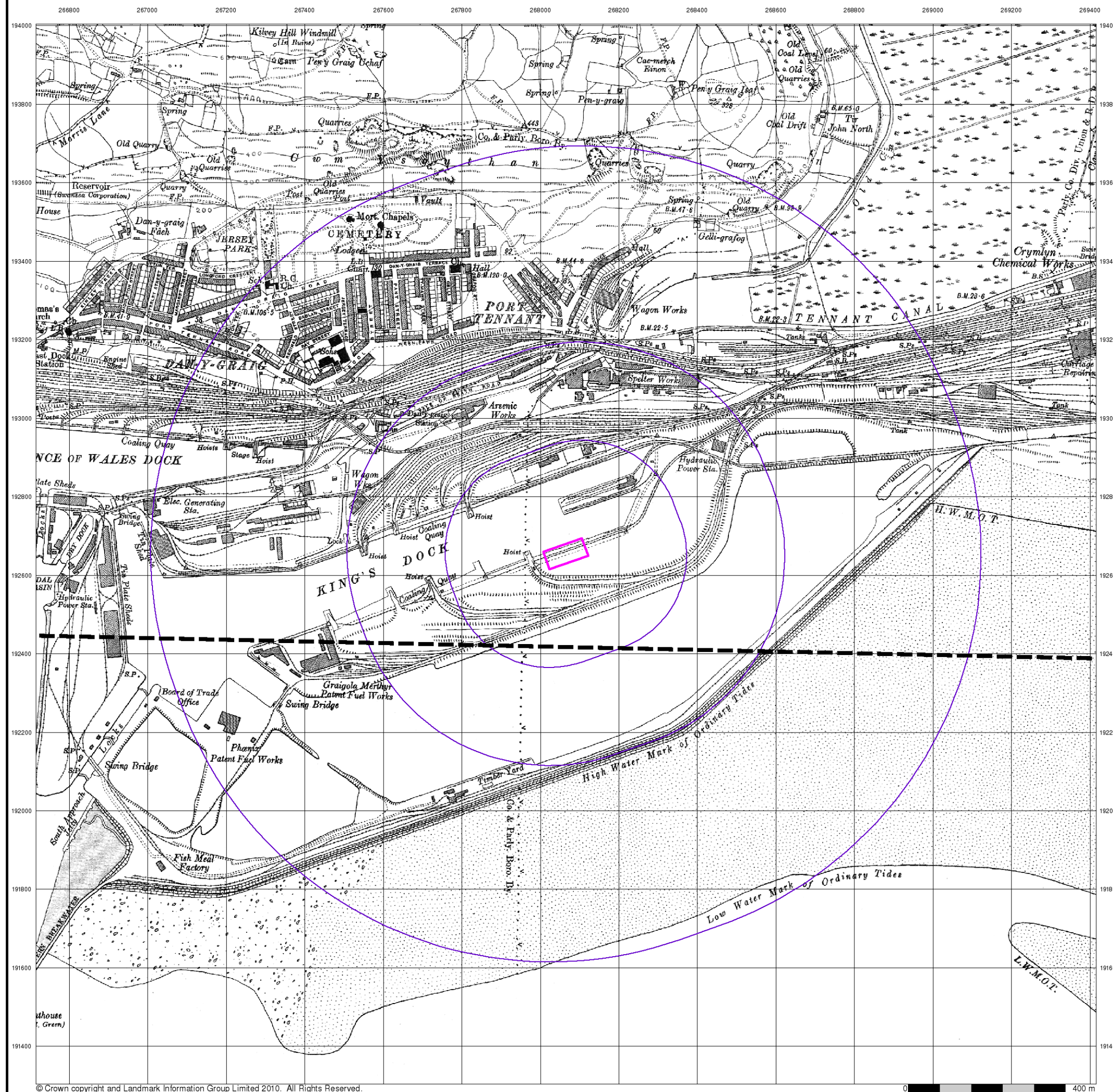
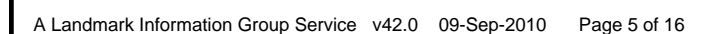
Order Details

Order Number: 32433245_1_1
 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 1000

Site Details

Site at, Swansea/Abertawe, Swansea





Glamorganshire

Published 1938

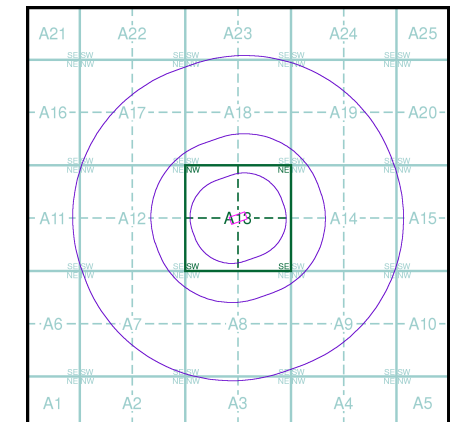
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

024NW
1938
1:10,560
024SW
1938
1:10,560

Historical Map - Slice A



Order Details

Order Number: 32433245_1_1
Customer Ref: 996 EPS
National Grid Reference: 268070, 192650
Slice: A
Site Area (Ha): 0.5
Search Buffer (m): 1000

Site Details

Site at, Swansea/Abertawe, Swansea

Historical Aerial Photography

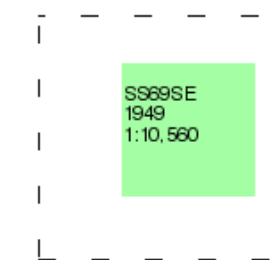
Published 1949

Source map scale - 1:10,560

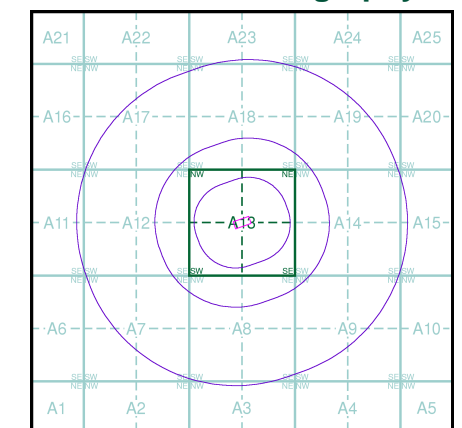
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



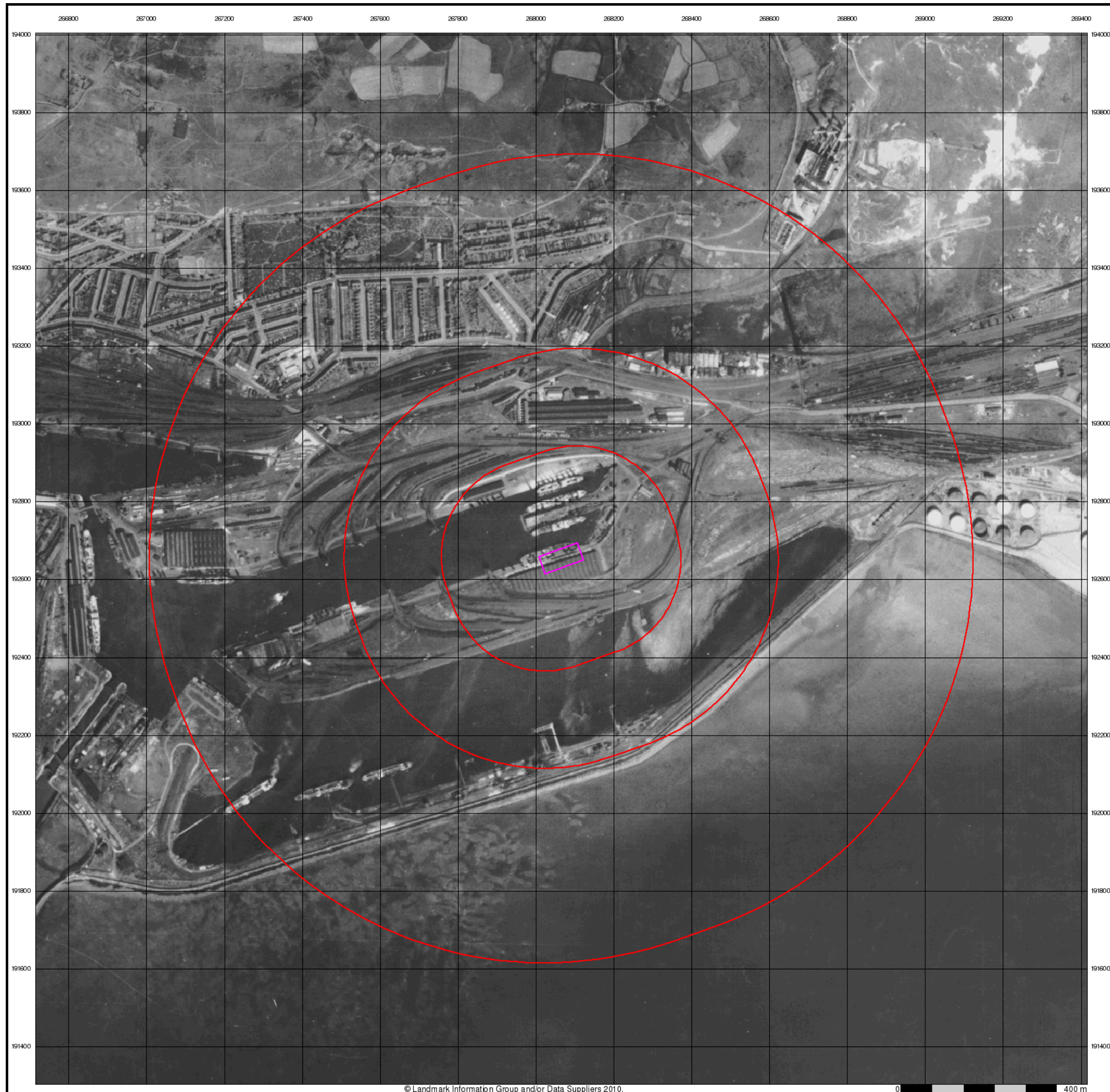
LIBRARY
HSILIRB

Order Details

Order Number: 32433245_1_1
Customer Ref: 996 EPS
National Grid Reference: 268070, 192650
Slice: A
Site Area (Ha): 0.5
Search Buffer (m): 1000

Site Details

Site at, Swansea/Abertawe, Swansea



Historical Aerial Photography

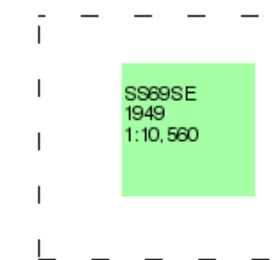
Published 1949

Source map scale - 1:10,560

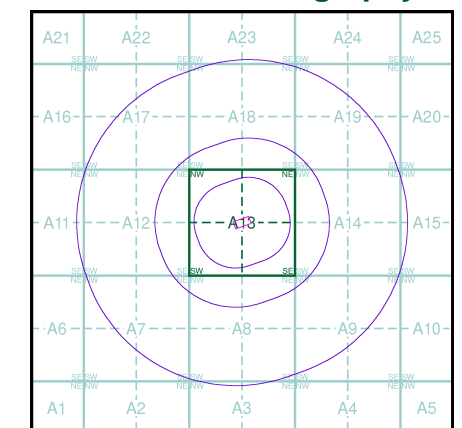
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

© Landmark Information Group and/or Data Suppliers 2010.

Map Name(s) and Date(s)



Historical Aerial Photography - Slice A

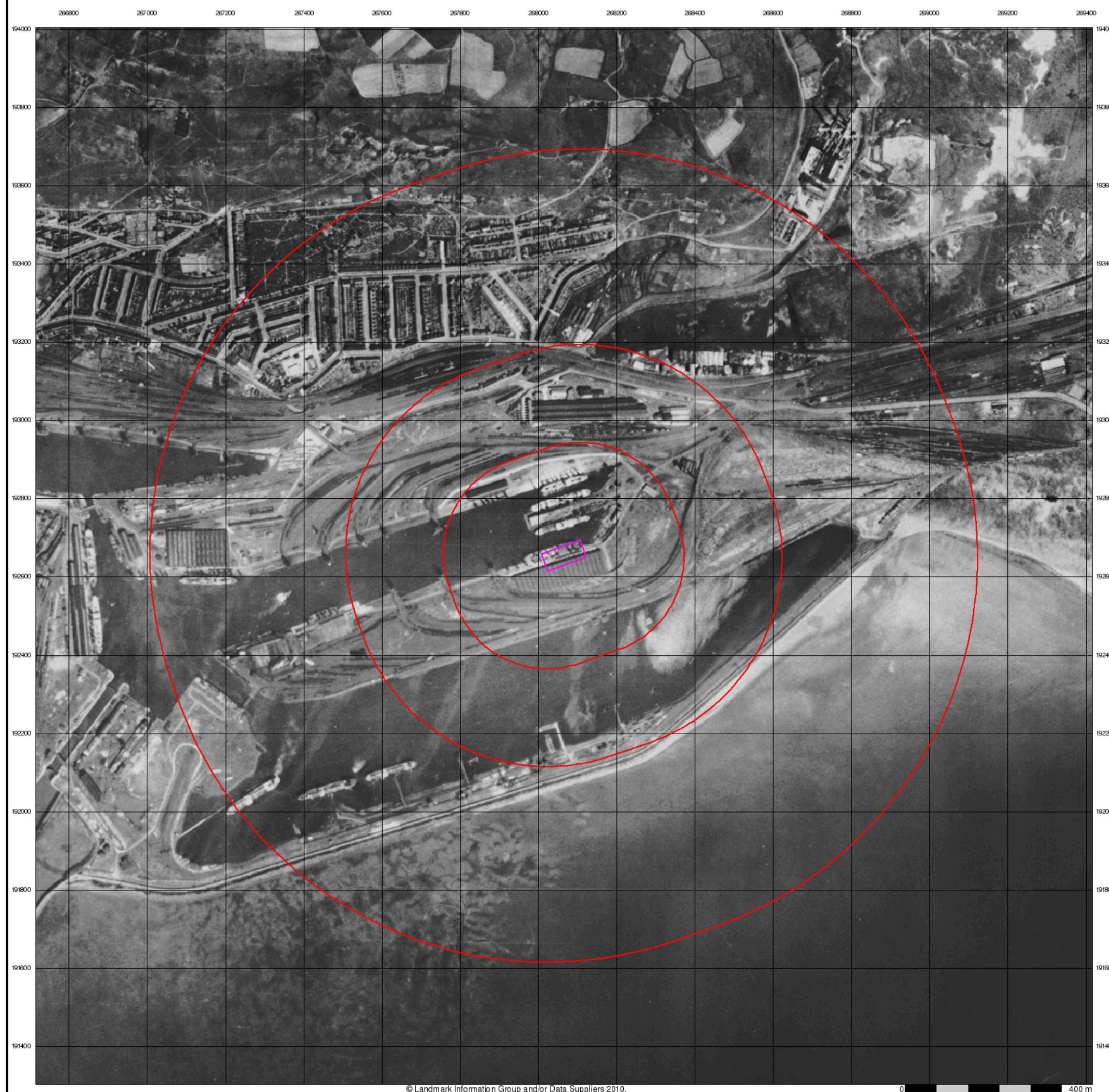


Order Details

Order Number: 32433245_1_1
Customer Ref: 996 EPS
National Grid Reference: 268070, 192650
Slice: A
Site Area (Ha): 0.5
Search Buffer (m): 1000

Site Details

Site at, Swansea/Abertawe, Swansea



Glamorganshire

Published 1951

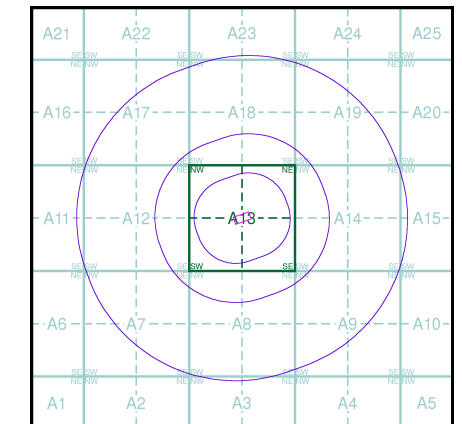
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

024NW	1951	1:10,560
024SW	1951	1:10,560

Historical Map - Slice A

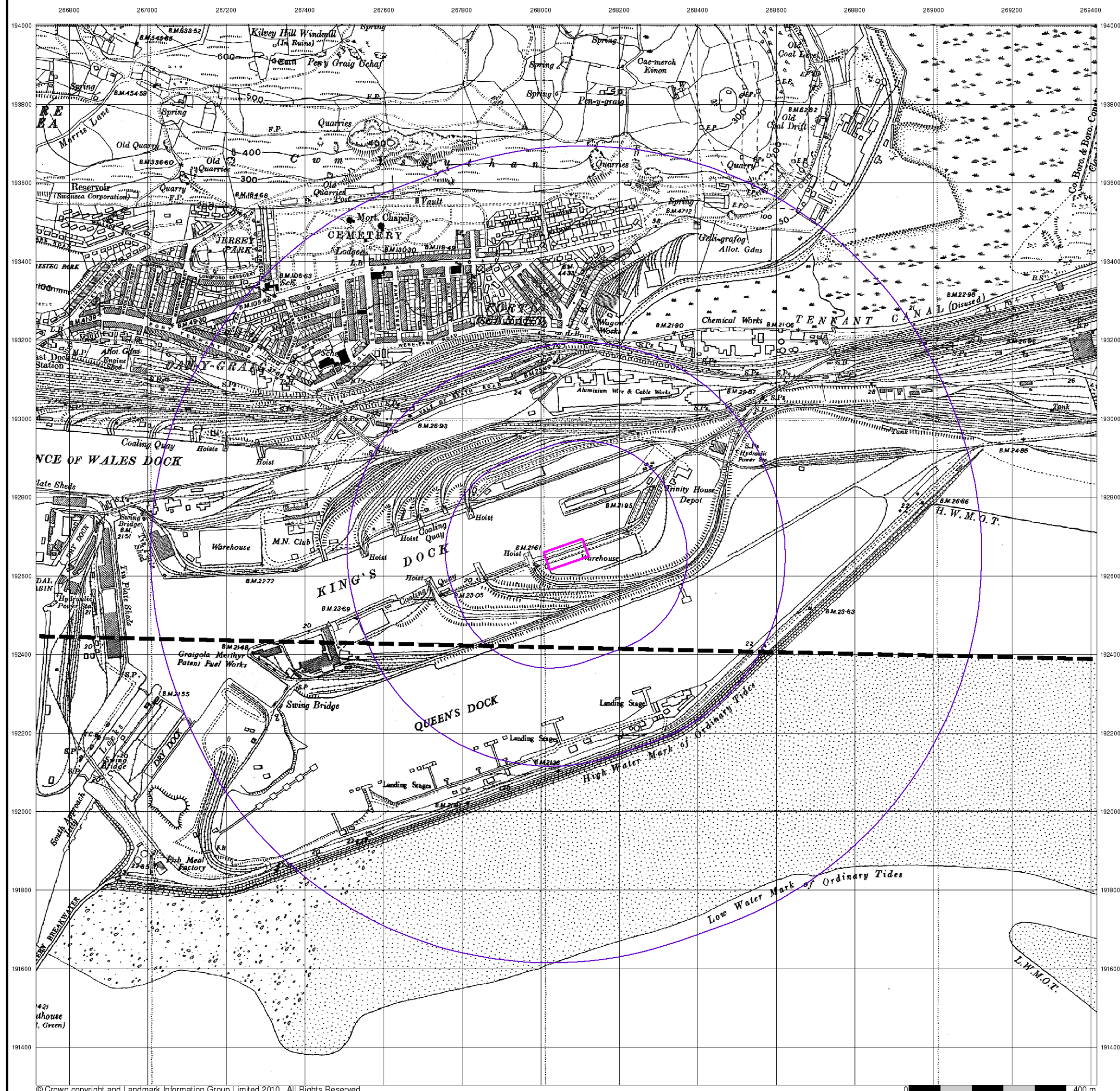


Order Details

Order Number: 32433245_1_1
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Site Details

Site at, Swansea/Abertawe, Swansea



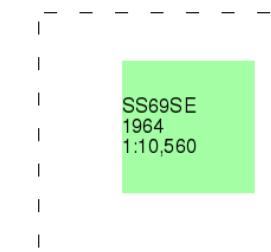
Ordnance Survey Plan

Published 1964

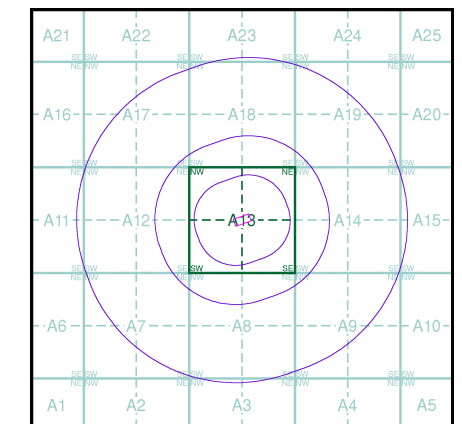
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A

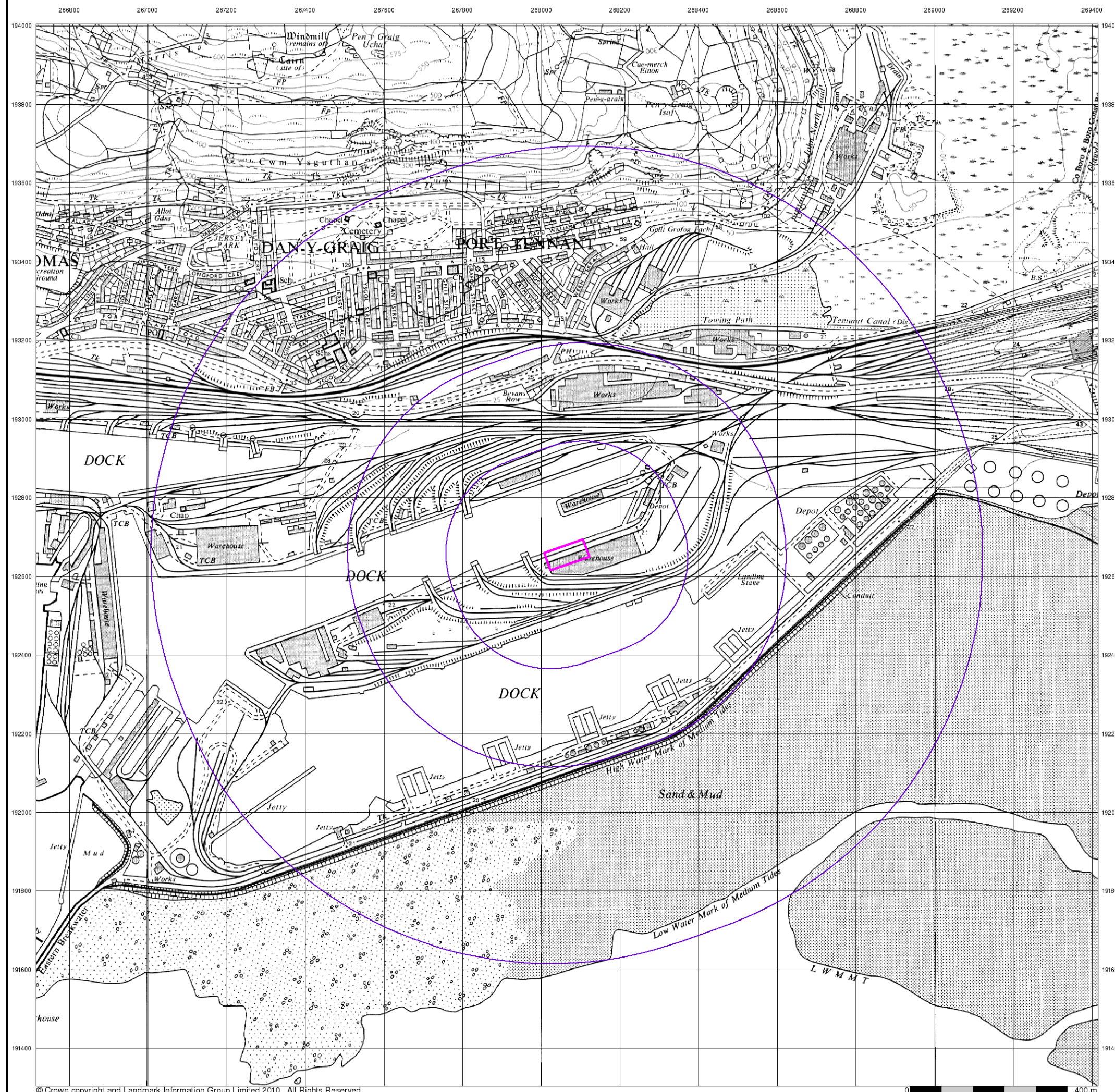


Order Details

Order Number: 32433245_1_1
Customer Ref: 996 EPS
National Grid Reference: 268070, 192650
Slice: A
Site Area (Ha): 0.5
Search Buffer (m): 1000

Site Details

Site at, Swansea/Abertawe, Swansea



Swansea

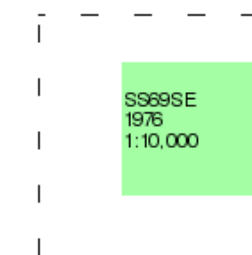
Published 1976

Source map scale - 1:10,000

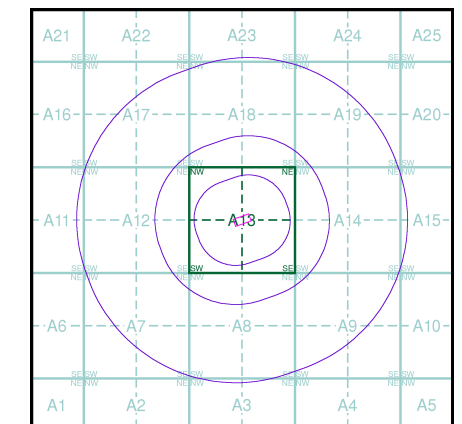
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)



Russian Map - Slice A

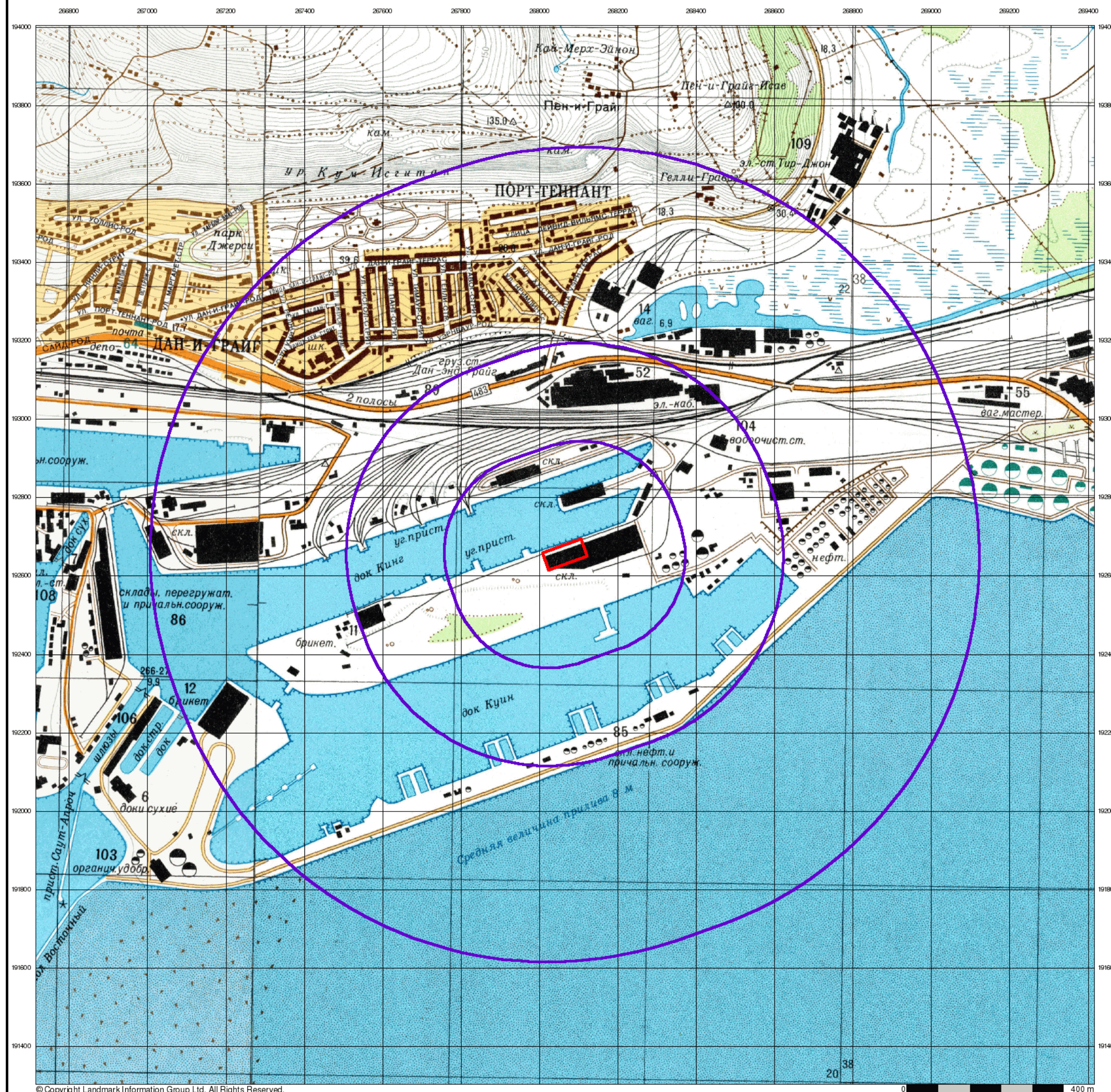


Order Details

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Site Details

Site at, Swansea/Abertawe, Swansea



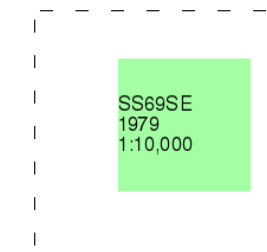
Ordnance Survey Plan

Published 1979

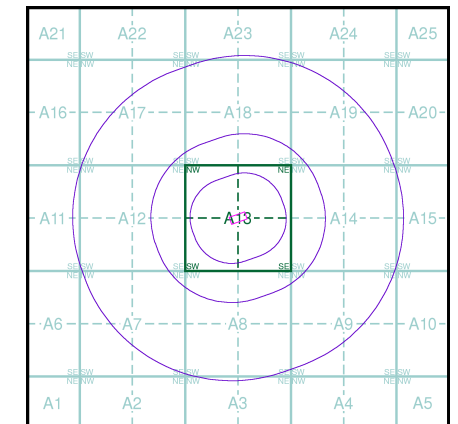
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A

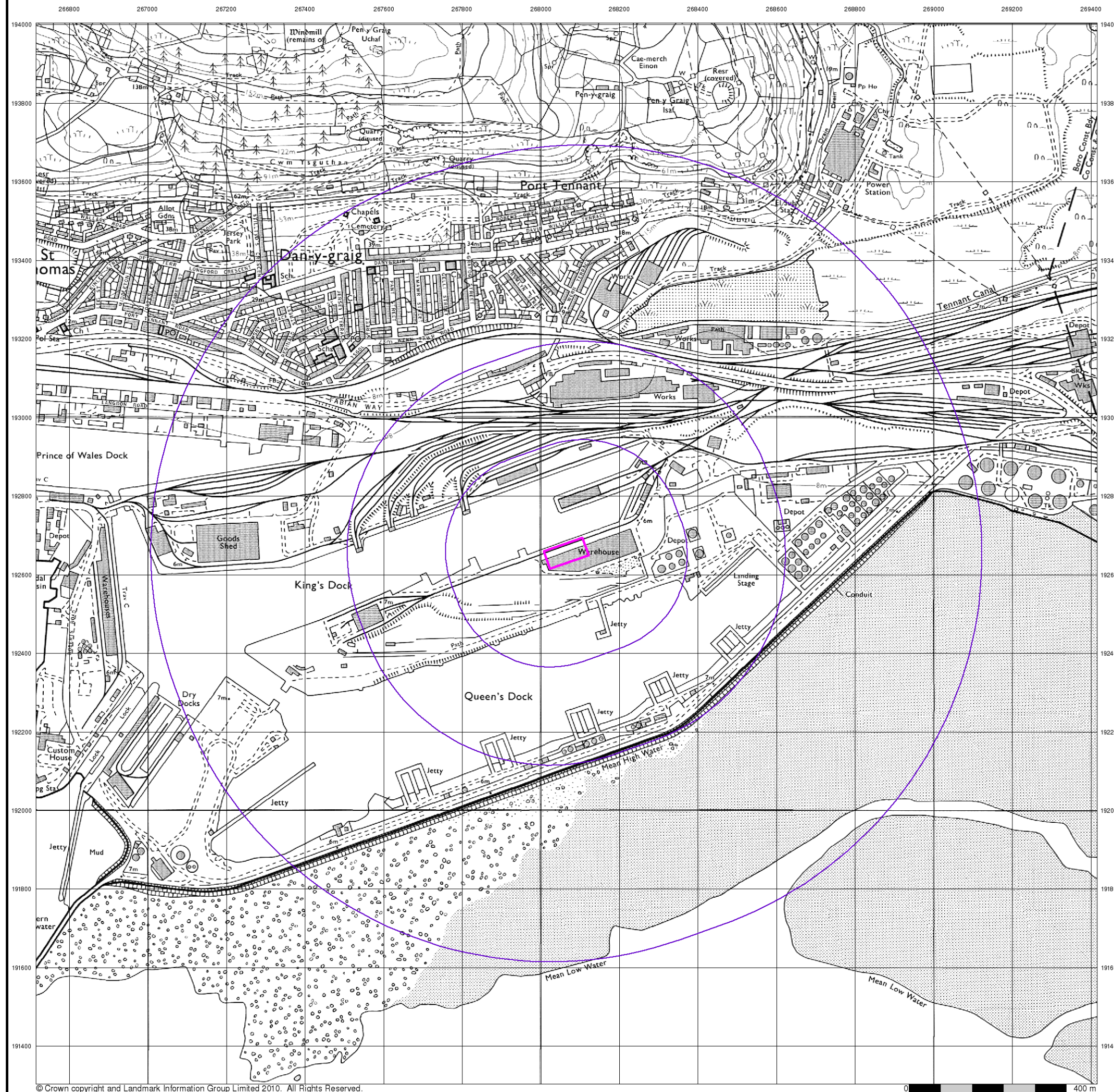


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Site Details

Site at, Swansea/Abertawe, Swansea



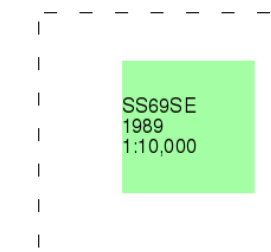
Ordnance Survey Plan

Published 1989

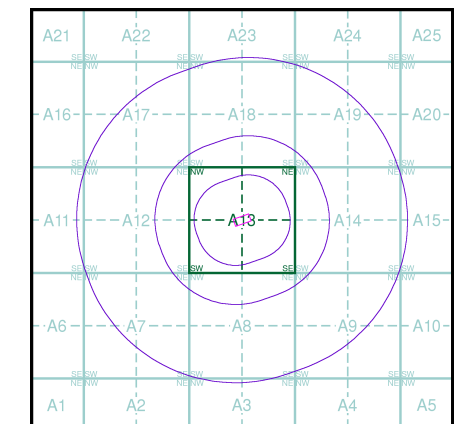
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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Site Details

Site at, Swansea/Abertawe, Swansea



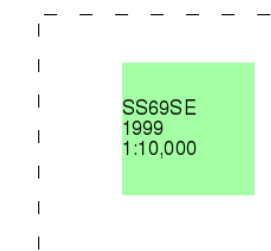
10k Raster Mapping

Published 1999

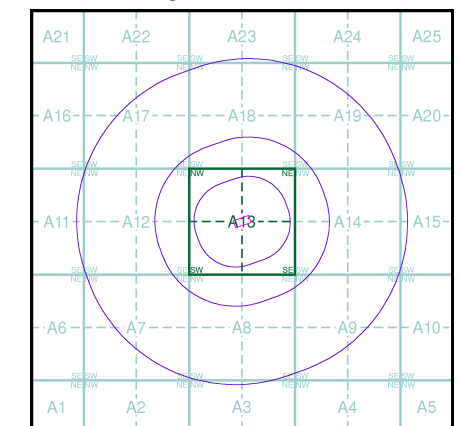
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A

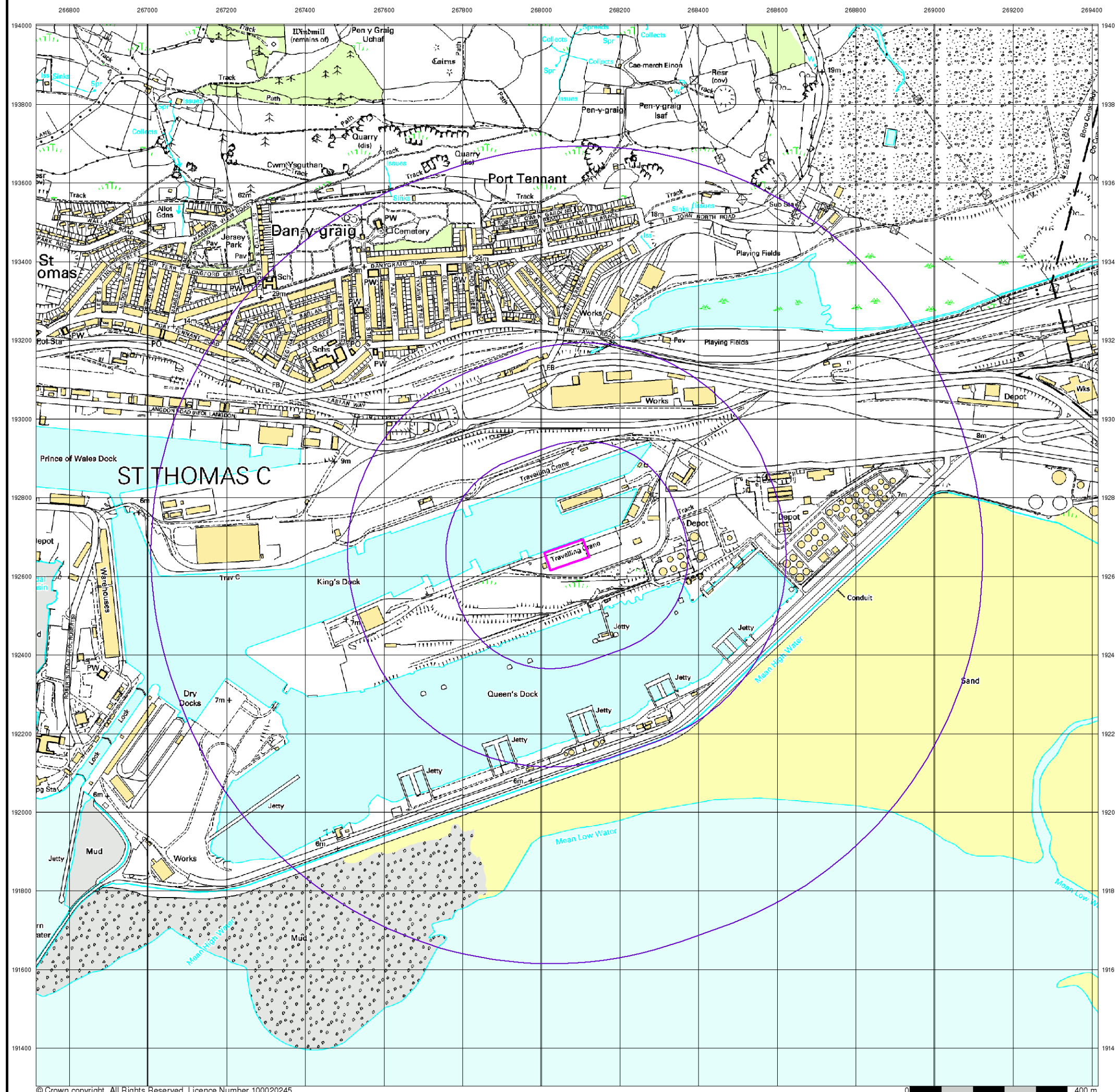


Order Details

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Slice: A
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Search Buffer (m): 1000

Site Details

Site at, Swansea/Abertawe, Swansea



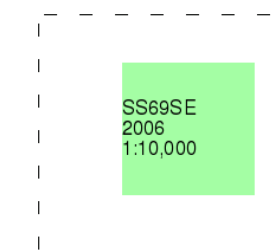
10k Raster Mapping

Published 2006

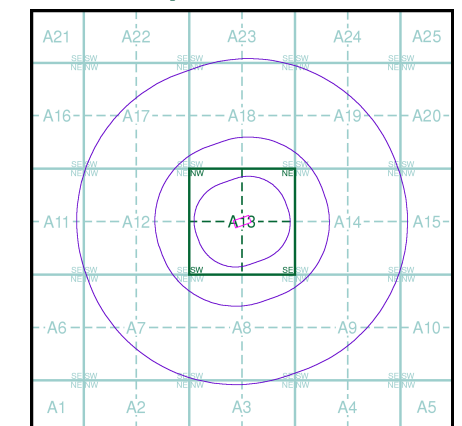
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A

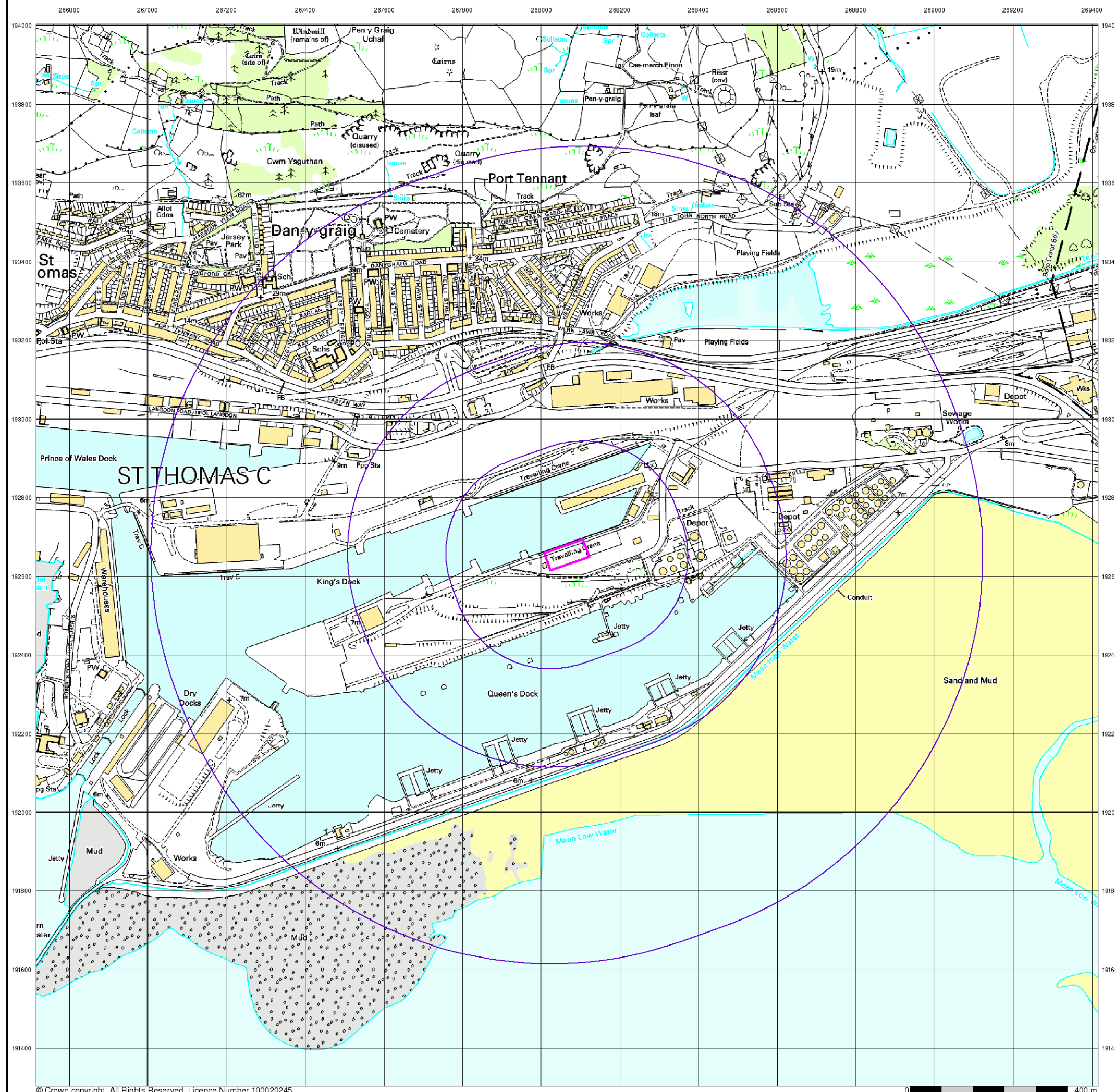


Order Details

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Site Details

Site at, Swansea/Abertawe, Swansea



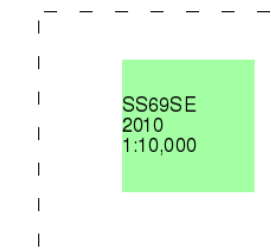
10k Raster Mapping

Published 2010

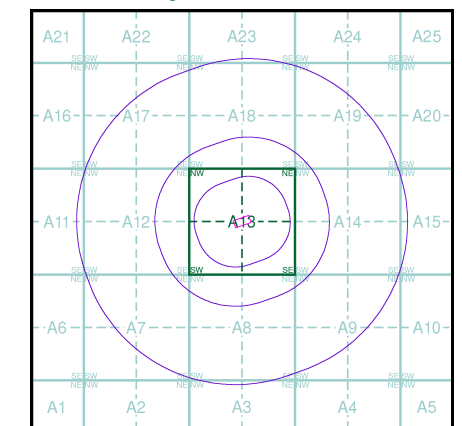
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 32433245_1_1
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 Slice: A
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Site Details

Site at, Swansea/Abertawe, Swansea



Order Details:
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Slice:
Site Area (Ha): 0.5
Search Buffer (m): 1000
Site Details:
Site at

192650

Swansea/Abertawe Swansea

File Name	Map Series Name	Published	Source Scale	Survey Date	Revision Date	Addition Date	Edition Date	Published Date
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32433245_1_A_SS_County_Series_10560_ss-gla-10560_1-2-2a_42120566.gif	Glamorganshire	1921	1:10,560	1877-1877	1914-1914		1921-1921	
32433245_1_A_SS_County_Series_10560_ss-gla-10560_1-PRb_42120578.gif	Glamorganshire	1951	1:10,560	1877-1877		1947-1948	1914-1914	1951-1951
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32433245_1_A_SS_County_Series_10560_ss-gla-10560_1-PRa_42120600.gif	Glamorganshire	1938	1:10,560	1877-1877		1938-1938	1914-1914	
32433245_1_A_SS_OS_Plan_10000_ss-ng-10000_4a_42120556.gif	Ordnance Survey Plan	1989	1:10,000	1976	1988			1989
32433245_1_A_SS_OS_Plan_10000_ss-ng-10000_3a_42120570.gif	Ordnance Survey Plan	1979	1:10,000	1976	1977			1979
32433245_1_A_SS_OS_Plan_10000_ss-ng-10000_2a_42120590.gif	Ordnance Survey Plan	1964	1:10,560	1963	1963			1964
32433245_1_A_HAP_10560_apm-10560_A1_42120598.gif	Historical Aerial Photography	1949	1:10,560					
32433245_1_A_HAP_10560_apm-10560_A_42120606.gif	Historical Aerial Photography	1949	1:10,560					
32433245_1_A_Russian_10000_rmm-swa05-10000_I00001_42120582.gif	Swansea	1976	1:10,000					
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32433245_1_A_10K_CRM_10kcrm_I00001_42120560.gif	10K Raster Mapping	1999	1:10,000					
32433245_1_A_10K_CRM_10kcrm_I00003_42120592.gif	10K Raster Mapping	2006	1:10,000					

REPORT 2

EPS MR LTD ENVIRONMENTAL PERMIT VARIATION

UPDATED SITE CONDITION REPORT

Appendix 3
Historical Building Plans
Report Number 1469r2v1d0316

CHAS. E. GOAD, LTD.
CIVIL ENGINEERS

EXPLANATION OF SIGNS USED ON INSURANCE PLANS OF TOWNS & CITIES

56 CROUCH HILL
LONDON N.A.

ABBREVIATIONS

ASB.	ASBESTOS
CORR.	CORRUGATED IRON
D.I.D.	DOUBLE IRON DOORS
DRA.	DRAPERY
D.	DWELLING
ELECT.	ELECTRICIAN
(E.M.)	ELECTRIC MOTORS
(ENG.)	STEAM ENGINE
FURNE.	FURNITURE
GAR.	GARAGE
(G.E.)	GAS ENGINE
H.W.	HARDWARE
I.COLS.	IRON COLUMNS OR STEEL STANCHIONS
JWLY.	JEWELLERY
M.C.	METAL CLAD
M.W.	MANCHESTER WAREHOUSE
M.L.	MATCH (ON WOOD) LINED
OIL.	OIL & COLOR
(O.E.)	OIL ENGINE
P.H.	PUBLIC HOUSE
S.	SHOP
S.I.D.	SINGLE IRON DOORS
S.I.S.	SINGLE IRON SHUTTERS
TAI.	TAILORS
TENS.	TENEMENTS
W.G.	WIRED GLASS
W.N.	WIRE NETTING OVER GLASS

COLORS

BRICK, STONE OR CONCRETE
WOOD
AREAS CLEARED DUE TO ENEMY ACTION
SKYLIGHTS ON 1 & 2 STORY BUILDINGS
SKYLIGHTS ON HIGHER BUILDINGS
METAL BUILDINGS
TIMBER PILED OR STACKED

WALLS

PARTY WALL 2 STORIES OR OVER, A PROBABLE FIRE CUT OFF
ENTIRE WALL, BUT DOUBTFUL AS FIRE CUT OFF
DEFECTIVE WALL - IMPERFECT
WALL ABOVE, IRON COLS. UNDER
WALL SOME FLOORS ONLY (OR WOOD OR PLASTER PARTITION)
ABOVE ROOF 6" TO 1'-6"
—D9— 1'-6" TO 2'-6"
MATCH OR WOOD LINED
WOOD CLAD WITH CORRUGATED IRON

OPENINGS

PASSAGE UNDER	
ON ALL FLOORS	
SOME FLOORS ONLY	UNPROTECTED
ALL FLOORS (PROTECTED)	
ALL FLOORS (SOME PROTECTED)	SINGLE IRON DOORS
SOME FLOORS ONLY (PROTECTED)	
ALL FLOORS (SOME PROTECTED)	
ALL FLOORS (PROTECTED)	DOUBLE IRON DOORS
SOME FLOORS ONLY (PROTECTED)	
WOOD LOADING DOOR	
IRON LOADING DOOR	

WINDOWS

ON ALL OR MOST FLOORS	
MORE THAN USUAL	
OVERLOOKING	UNPROTECTED
NEARLY ALL GLASS	
OPENINGS THRO' & WINDOWS OVER	
ON SOME FLOORS ONLY	
PROTECTED BY WIRED GLASS	
PROTECTED BY SINGLE IRON SHUTTERS	
PROTECTED BY DOUBLE IRON SHUTTERS	
WINDOWS IN FRONT & REAR OF BUILDINGS UNDERSTOOD	
UNLESS OTHERWISE SHOWN	

FLOORS

1, 2, 3, 3½ ON BUILDINGS ARE NUMBER OF STORIES ABOVE GROUND
(3½ = 3 FLOORS & ATTIC)
2 & 2B MEANS 2 STORIES & 2 BASEMENTS EAST & SUB-BASEMENT

SKYLIGHTS

A LESS THAN 50 SQUARE FEET (SAY 10'x5' OR 7'x7')
OPENINGS THROUGH 2 FLOORS UNDER (EACH STROKE
DENOTES AN OPENING.)
WITH WELL HOLE THROUGH 3 FLOORS } OVER 50 SQ. FT. TO SCALE
LANTERN LIGHT, SIDES ONLY GLASS.
OR VENT OR RAISED VENTILATOR

HOISTS & LIFTS

H OPEN	H OPEN TO STREET
H OPEN (WOOD LINED)	H ENCLOSED BRICK
H ENCLOSED	H ON FIRE RESISTING
H WOOD OR PLASTER	H WIRED GLASS DOORS
IRON DOORS SHOWN AS EXPLAINED UNDER "OPENINGS"	

ROOFS


ASB.	ASBESTOS	PROFILES
C	CONCRETE	
CORR.	CORRUGATED IRON	
T	METAL	
P	PATENT (FELT & S)	
O	SLATE	
T	TILE	
		WITH NORTH LIGHTS

SUNDRIES

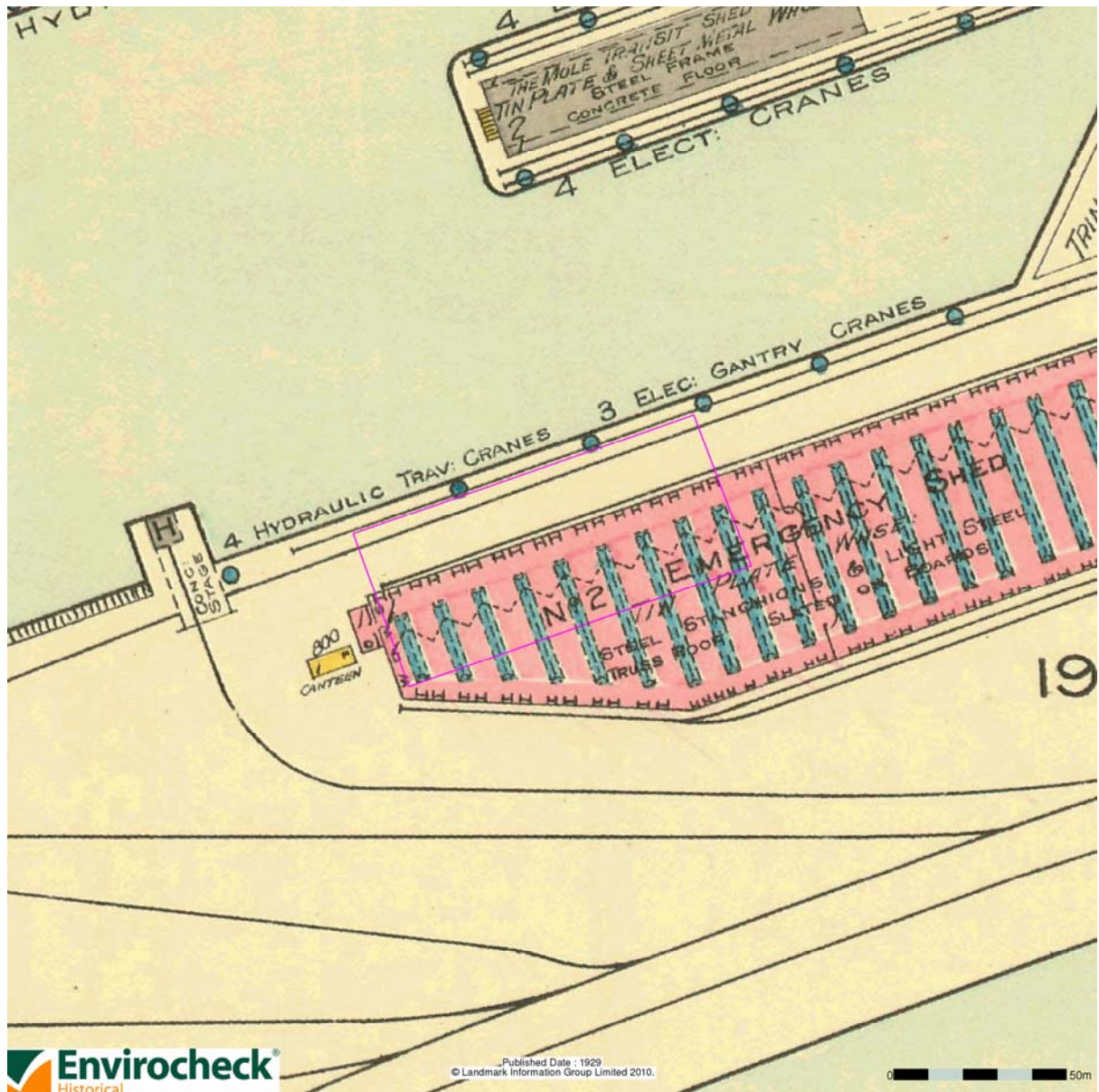
STEAM BOILERS
BOILER SET IN BRICK
FACTORY CHIMNEYS
(ENG.) STEAM ENGINE
OVERHANGING WOOD CORNICE
FIRE ALARM BOX
—D9— ON KEY PLAN
HYDRANT
HYDRAULIC HYDRANT
PRIVATE HYDRANT OR STAND PIPE
DOUBLE HYDRANT
SALT WATER HYDRANT
SPRINKLER OR AUTO ALARM BELL

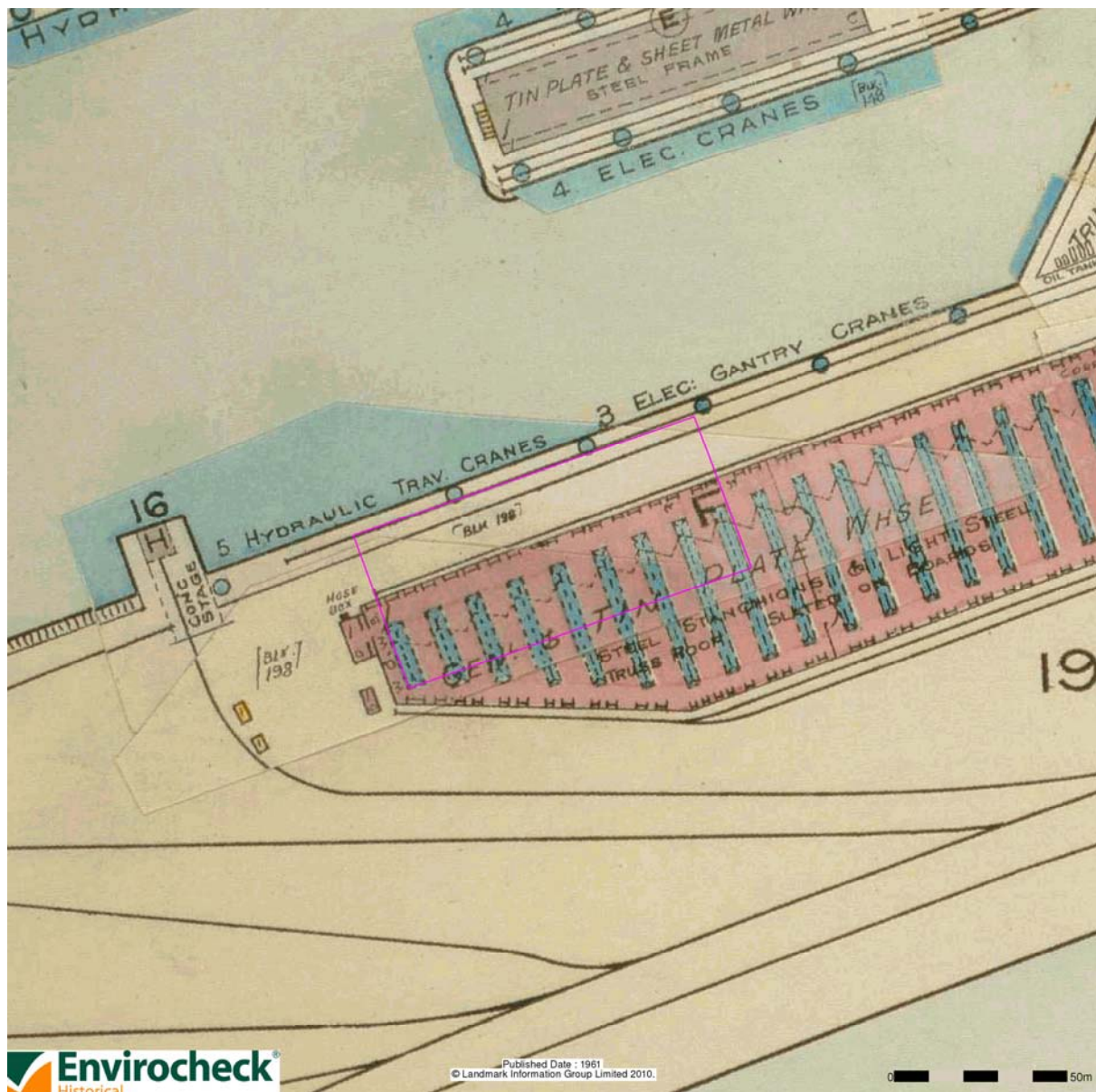
REFERENCE NUMBERS

NUMBERS PARALLEL WITH STREET ARE EXISTING STREET N°
WHERE TWO SETS OF STREET N° IN SAME BLOCK COINCIDE, ADDITIONAL ARBITRARY N° ARE GIVEN TO ONE SET (500 & UPWARDS)
WHERE BUILDINGS TO WHICH THEY APPLIED ARE DEMOLISHED, STREET & ARBITRARY N° ARE SHOWN & CROSSED THROUGH ON REVISION
—48'— ARE STREET WIDTHS
(37) ARE HEIGHTS OF GROUND ABOVE ORDNANCE DATUM
HEIGHT IN FEET OF ADJOINING BUILDINGS WHERE STORIES DIFFER IN HEIGHT

	SIZES OF WATER MAINS SUPPLYING HYDRANTS
---	---

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REPORT 2

EPS MR LTD ENVIRONMENTAL PERMIT VARIATION

UPDATED SITE CONDITION REPORT

Appendix 4
Site Sensitivity Maps
Report Number 1469r2v1d0316

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

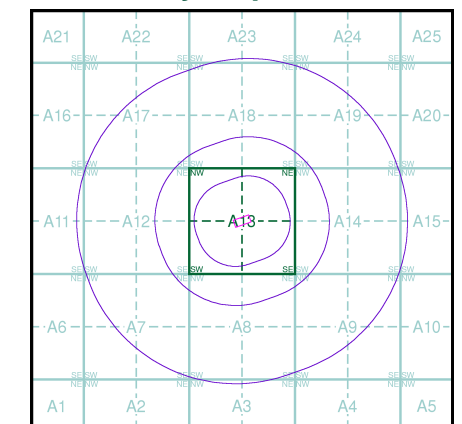
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Site Sensitivity Map - Slice A

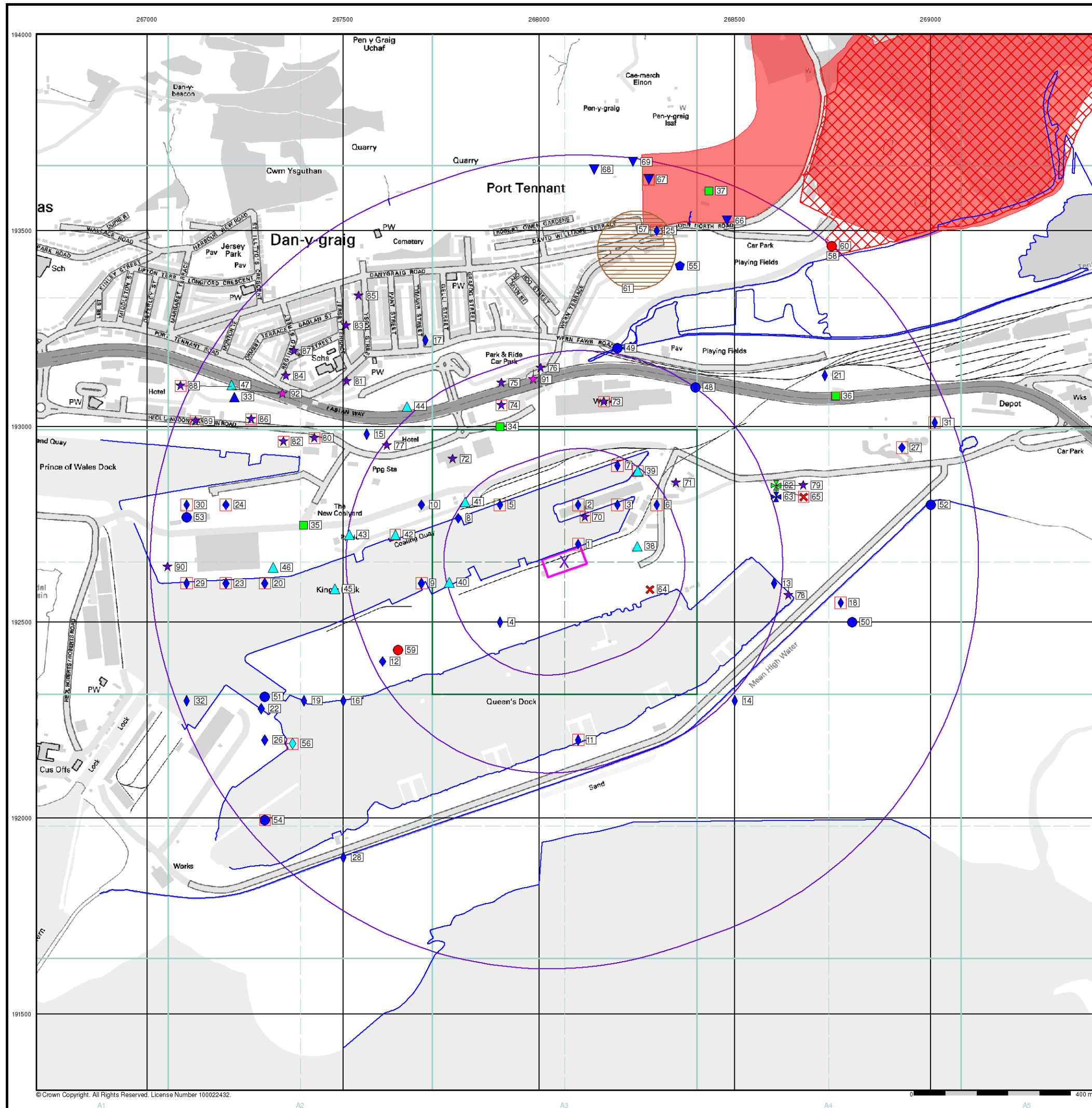


Order Details

Order Number: 32433245_1_1
 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 1000

Site Details






Site at, Swansea/Abertawe, Swansea



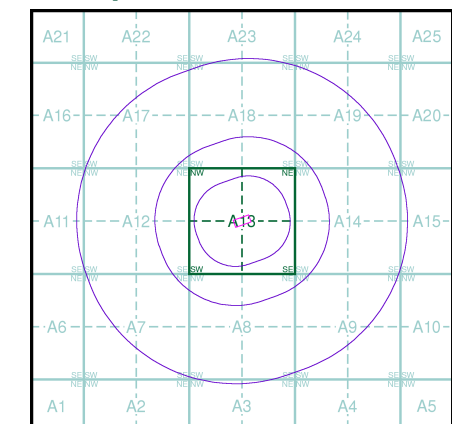
General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Agency and Hydrological (Flood)

-  Extreme Flooding from Rivers or Sea without Defences (Zone 2)
-  Flooding from Rivers or Sea without Defences (Zone 3)
-  Area Benefiting from Flood Defence
-  Flood Water Storage Areas
-  Flood Defence

Flood Map - Slice A

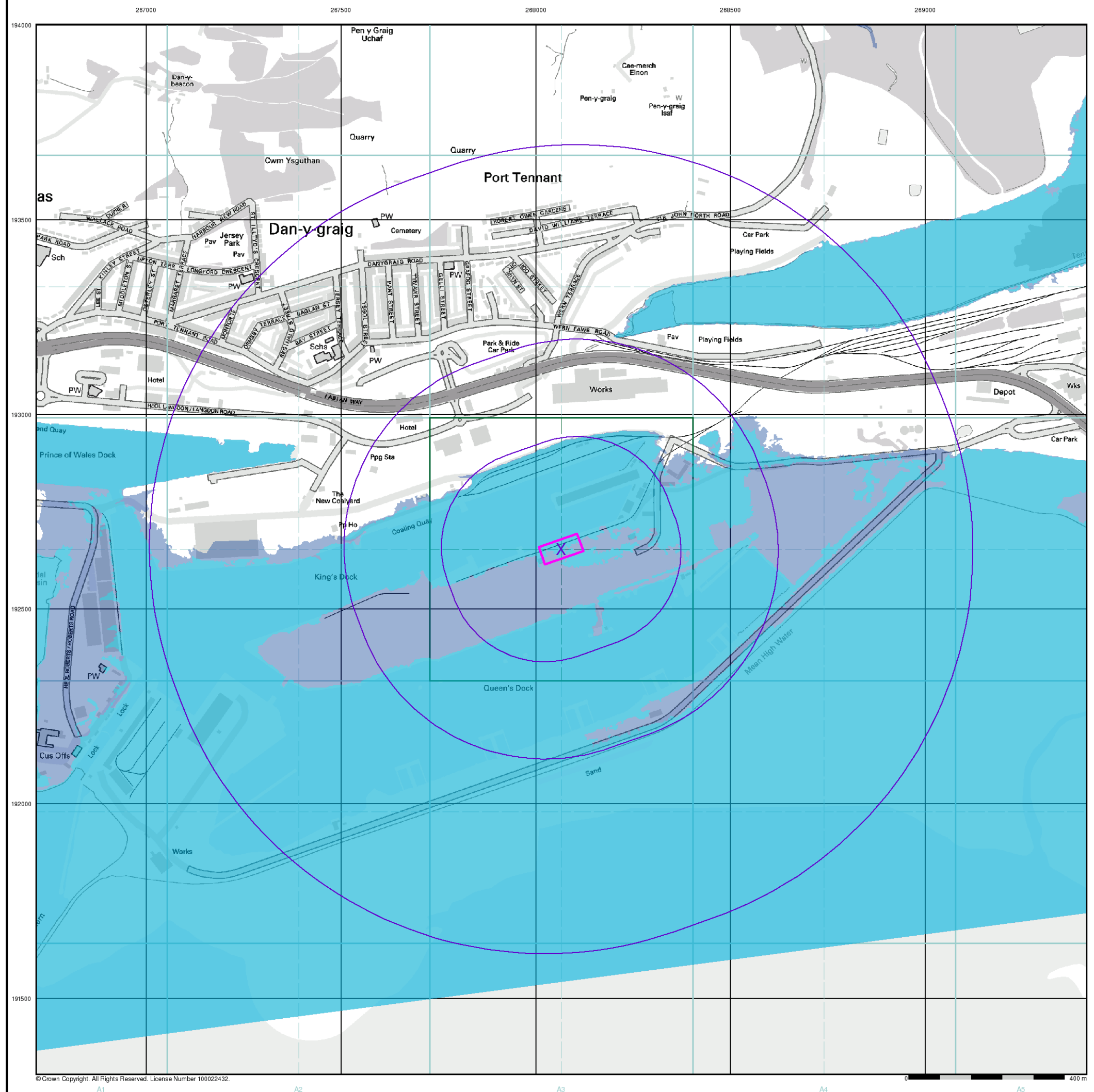


Order Details






Order Number: 32433245_1_1
 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 1000

Site Details






Site at, Swansea/Abertawe, Swansea



General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Map ID
-  Several of Type at Location

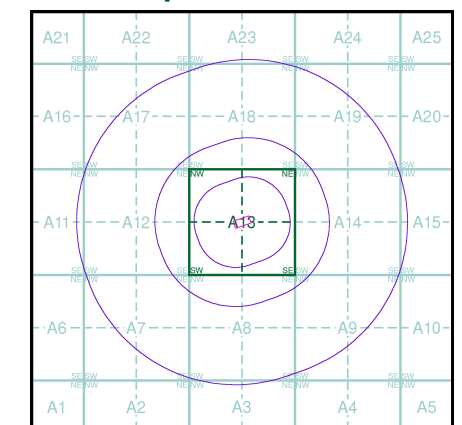
Agency and Hydrological (Boreholes)

-  BGS Borehole Depth 0 - 10m
-  BGS Borehole Depth 10 - 30m
-  BGS Borehole Depth 30m +
-  Confidential
-  Other

For Borehole information please refer to the Borehole datasheet which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A

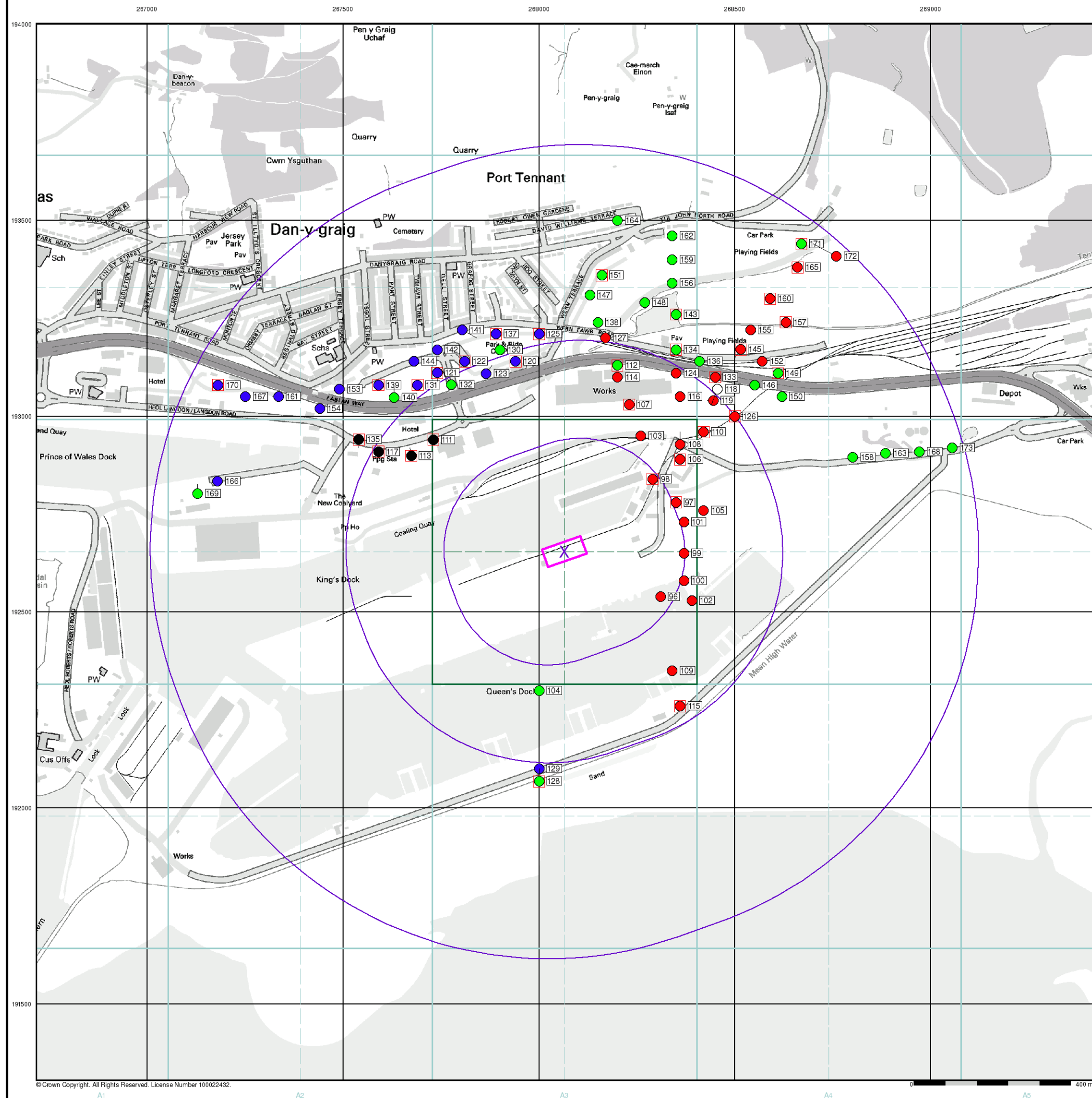


Order Details

Order Number: 32433245_1_1
 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 1000

Site Details

Site at, Swansea/Abertawe, Swansea



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral
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- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Waste

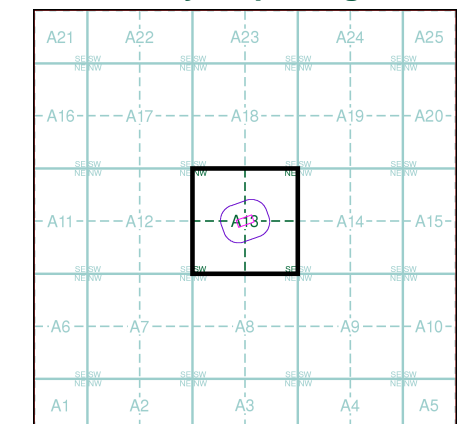
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Segment A13

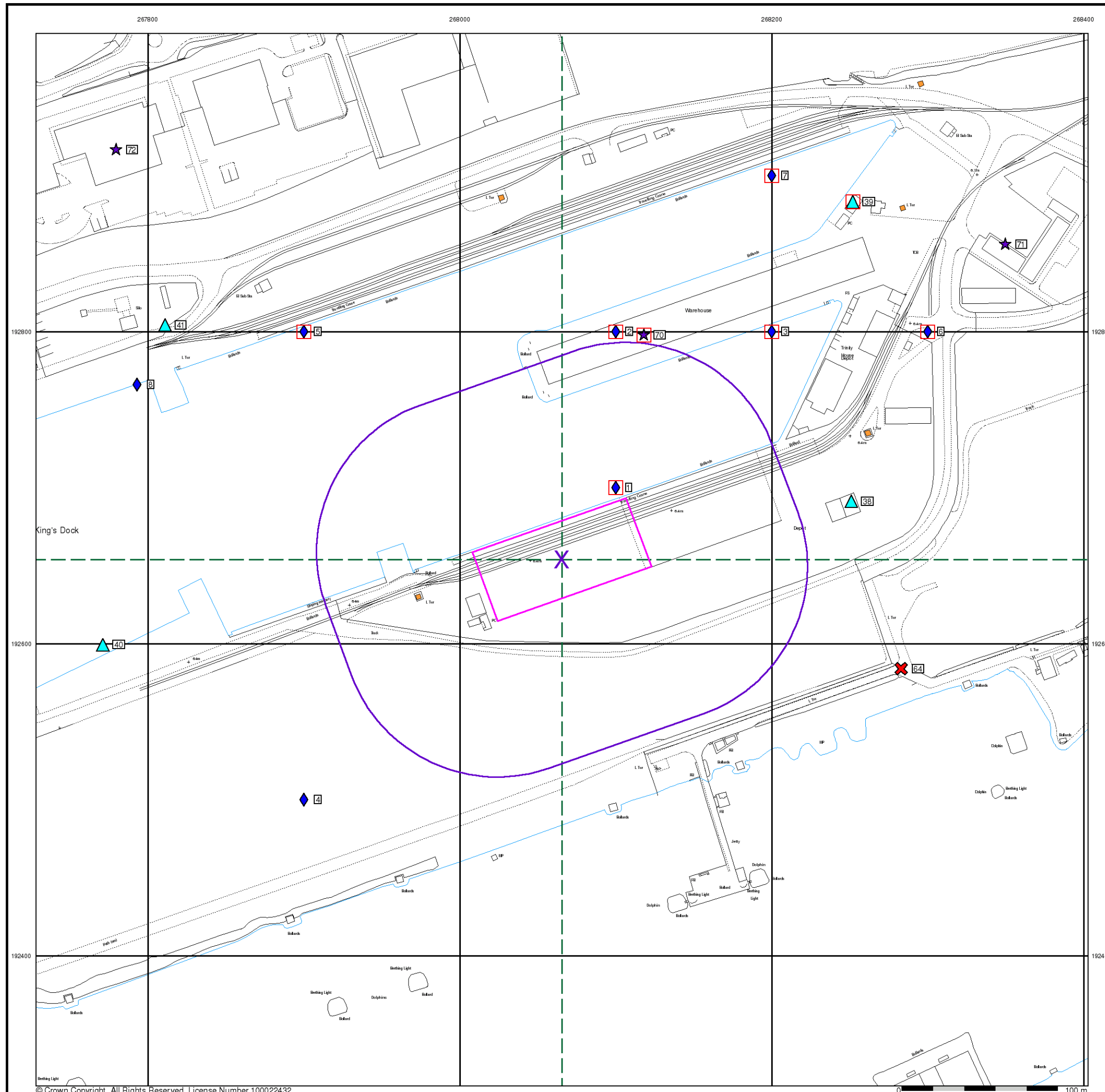


Order Details

Order Number: 32433245_1_1
 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Plot Buffer (m): 100

Site Details

Site at, Swansea/Abertawe, Swansea



Order Details:

Order Number: 32433245

Customer Ref: 996 EPS

National Grid Reference: 268070

192650

Slice:

Site Area (Ha): 0.5

Search Buffer (m): 1000

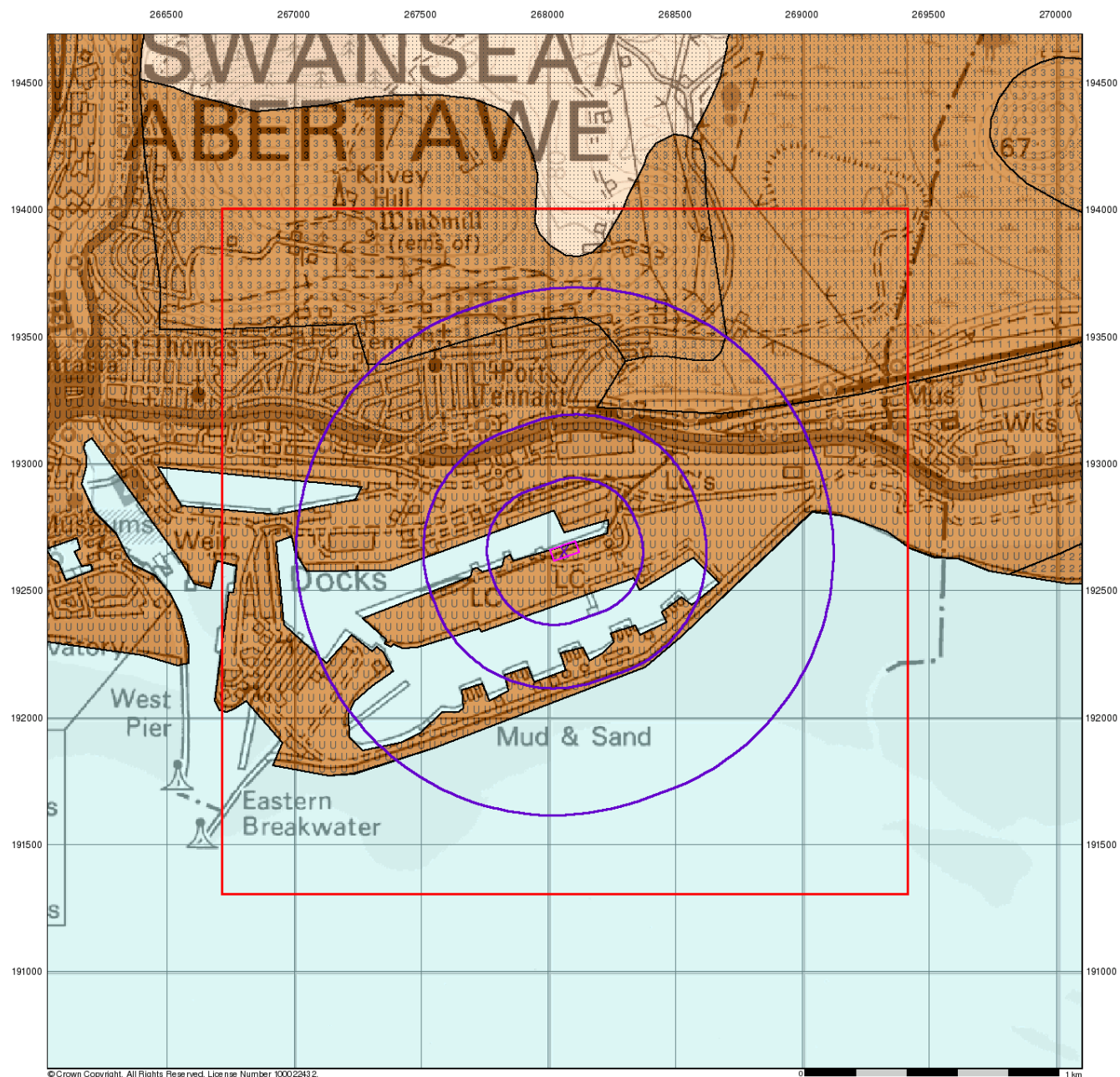
Site Details:

Site at

Swansea/Abertawe

Swansea

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32433245_1_A13_County_Series_2500_gla-2500_ep1_42120580.gif	Glamorganshire	1879	1:2,500
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32433245_1_A13_County_Series_2500_gla-2500_ep3_42120602.gif	Glamorganshire	1918-1919	1:2,500
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32433245_1_A13_Superplan_1250_sp-1250_1_42120604.gif	Large-Scale National Grid Data	1992	1:1,250



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0 1 km



Groundwater Vulnerability

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

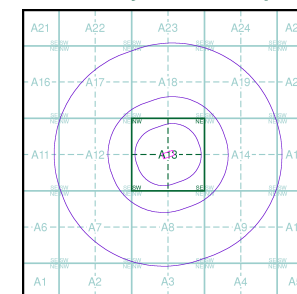
Agency and Hydrological

Geological Classes

- Major Aquifer (Highly Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Minor Aquifer (Variably Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Non Aquifer (Negligibly Permeable)**
 -
- Water or Sea**
 -
- Drift Deposit**
 -

Soil Classes

Site Sensitivity Context Map - Slice A



Order Details

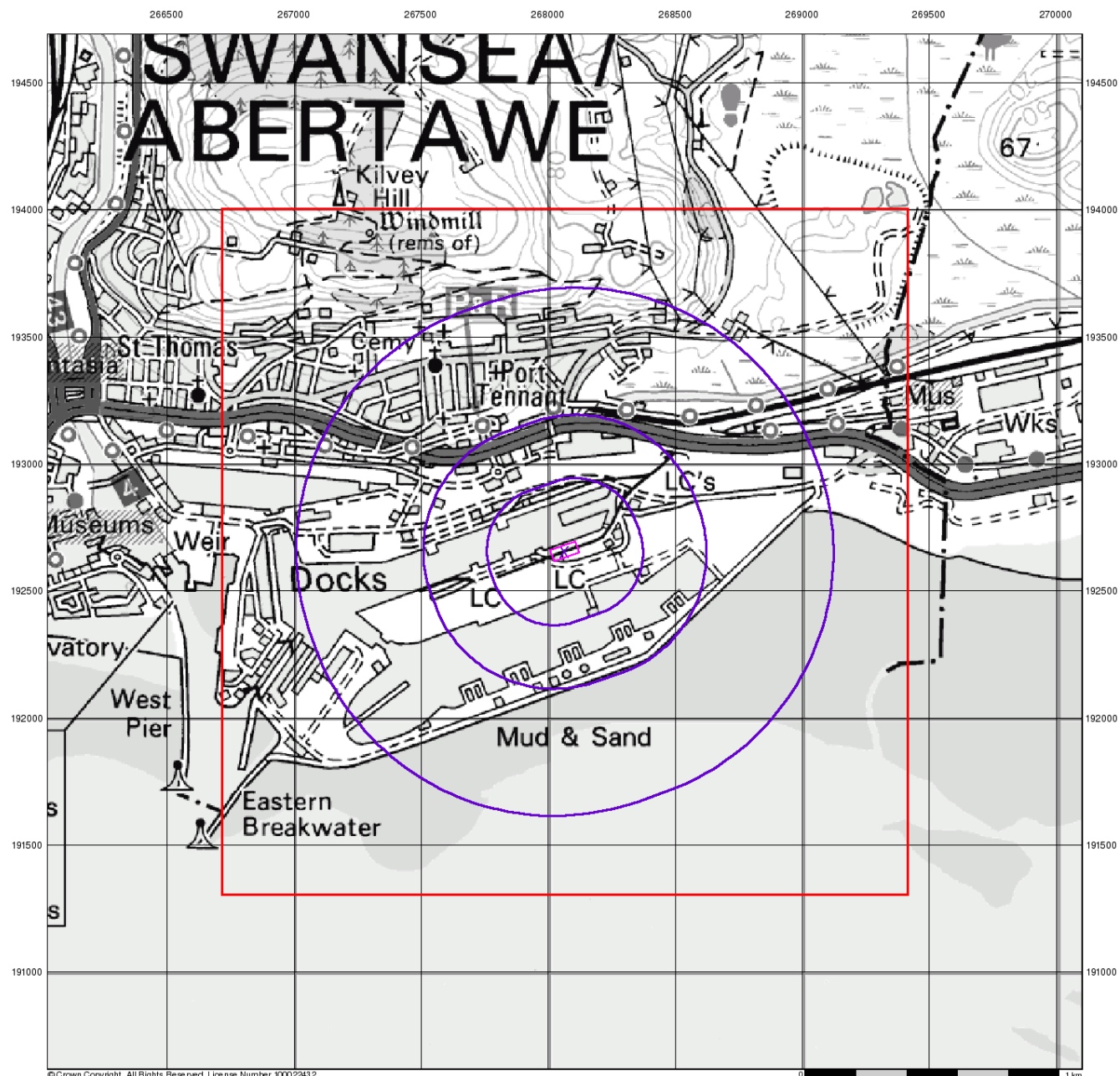
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 Customer Ref: 996 EPS
 National Grid Reference: 268070, 192650
 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 1000

Site Details

Site at, Swansea/Abertawe, Swansea



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 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



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Source Protection Zones

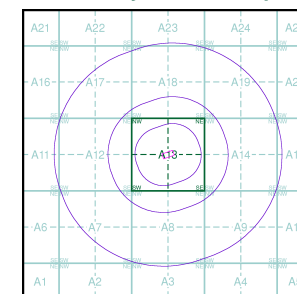
General

- ◊ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

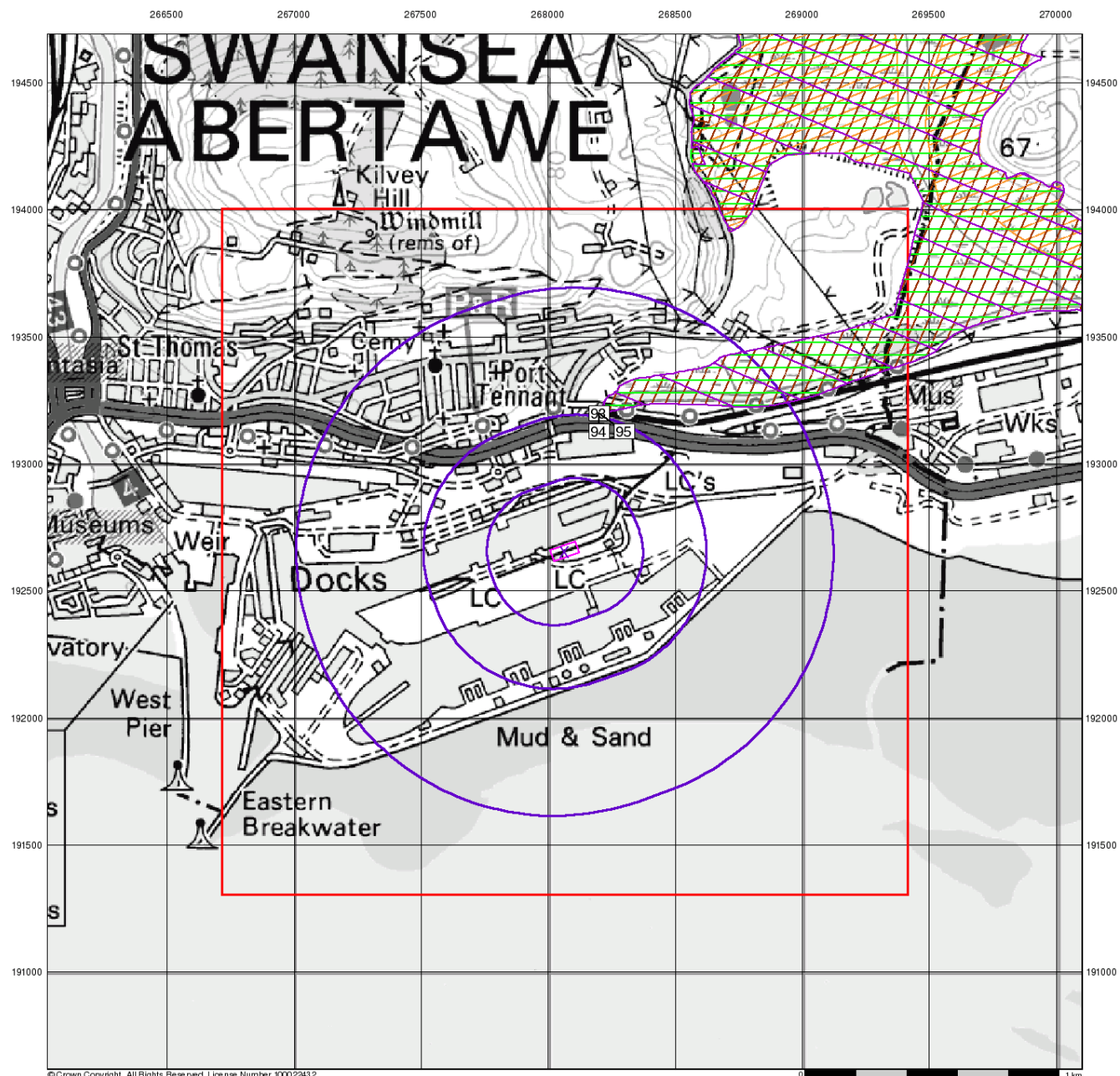
Order Number: 32433245_1_1
 Customer Ref: 996 EPS
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 Slice: A
 Site Area (Ha): 0.5
 Search Buffer (m): 1000

Site Details

Site at, Swansea/Abertawe, Swansea



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Sensitive Land Uses

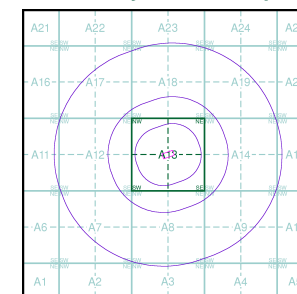
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Sensitive Land Uses

- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

Site Sensitivity Context Map - Slice A



Order Details

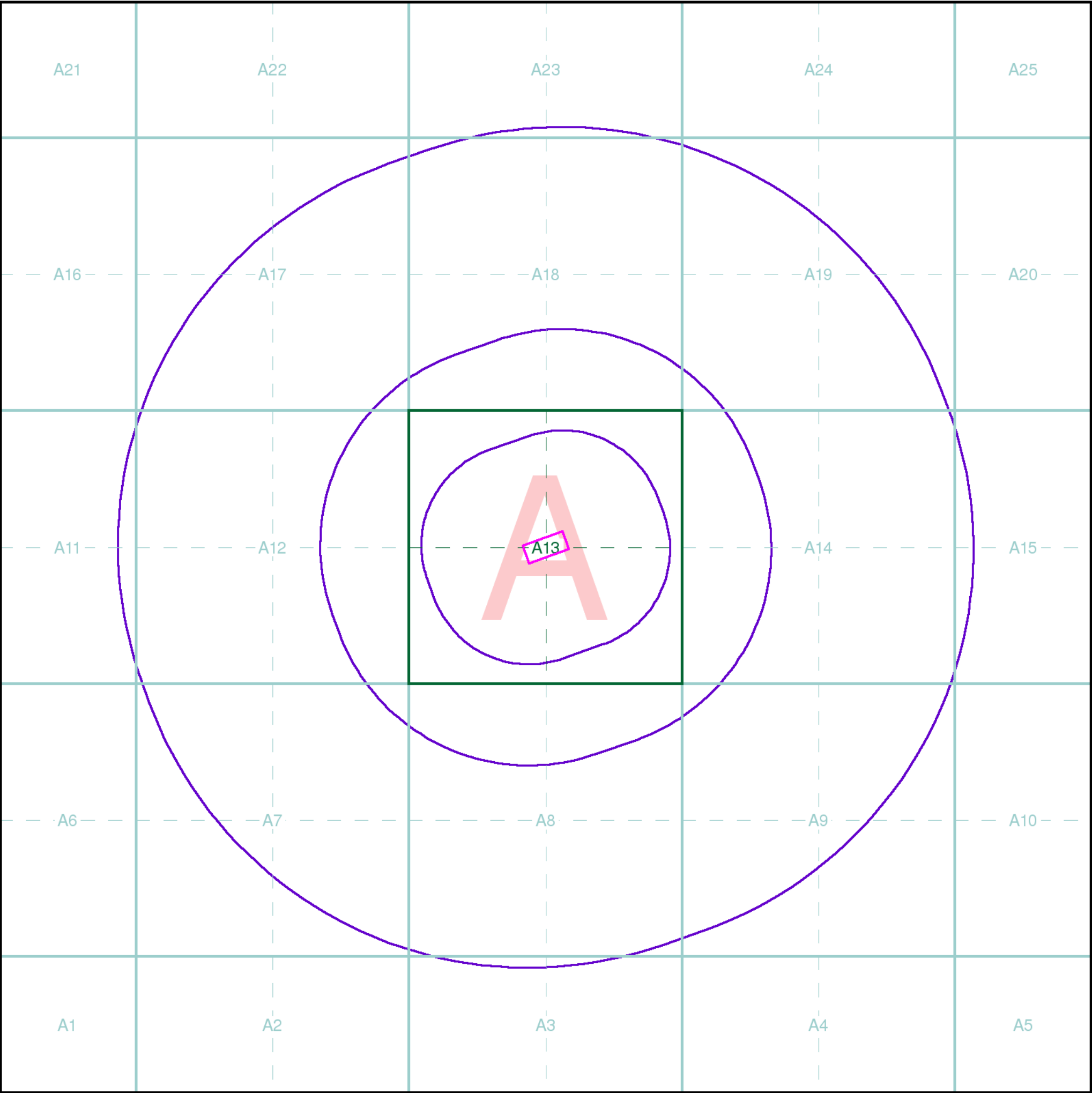
Order Number: 32433245_1_1
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Site Details

Site at, Swansea/Abertawe, Swansea



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Prepared For

EPS Ltd
Swansea

Client Details

Mr A Jones, Geotechnology, Ty Coed, 5 Cefn-Yr-Allt,
Aberdulais, Neath, SA10 8HE

Order Details

Order Number: 32433245_1_1
Customer Ref: 996 EPS
National Grid Reference: 268070, 192650
Site Area (Ha): 0.5
Search Buffer (m): 1000

Site Details

Site at, Swansea/Abertawe, Swansea



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 - the owner of the Property at the date of the Report,
 - any person who purchases the whole of the Property Site,
 - any person who provides funding secured on the whole of the Property Site,
 - any person for whom You act in a professional or commercial capacity,
 - any person who acts for You in a professional or commercial capacity; and
 - prospective buyers of the Property Site as part of an Information Pack but for the avoidance of doubt, Landmark shall have no liability to such prospective buyer unless the prospective buyer subsequently purchases the Property Site, and the prospective (or actual) buyer shall not be entitled to make the Service available to any other third party.Accordingly Landmark shall have the same duties and obligations to those persons in respect of the Services as it has to You.
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5. Termination

- Landmark may suspend or terminate Your rights under these Terms without any liability to You with immediate effect if at any time:-
 - You fail to make any payment due in accordance with clause 4;
 - You repeatedly breach or commit or cause to be committed any material breach of these Terms; or
 - You commit a breach and You fail to remedy the breach within 7 days of receipt of a written notice to do so; additionally, without prejudice to the foregoing, Landmark may remedy the breach and recover the costs thereof from You.
 - If Your rights are terminated under this clause and You have made an advance payment We will refund You a reasonable proportion of the balance as determined by Us in relation to the value of Services previously purchased.
 - Landmark reserves the right to refuse to supply any or all Services to You without notice or reason.
- ## 6. Liability
- We provide warranties and accept liability only to the extent stated in this clause 6 and clause 7.
 - Nothing in these Terms excludes either party's liability for death or personal injury caused by that party's negligence or wilful default, and the remainder of this clause 6 is subject to this provision and Your statutory rights.
 - As most of the information contained in the Services is provided to Landmark by others, Landmark cannot control its accuracy or completeness, nor is it within the scope of Landmark's Services to check the information on the ground. Accordingly, Landmark will only be liable to You for any loss or damage caused by its negligence or wilful default and subject to clause 6.o below neither Landmark nor any person providing information contained in any Services shall in any circumstances be liable for any inaccuracies, faults or omissions in the Services, nor shall Landmark have any liability if the Services are used otherwise than in accordance with these Terms.
 - Save as precluded by law, Landmark shall not be liable for any indirect or consequential loss, damage or expenses (including loss of profits, loss of contracts, business or goodwill) howsoever arising out of any problem, event, action or default by Landmark.
 - In any event, and notwithstanding anything contained in these Terms, Landmark's liability in contract, tort (including negligence or breach of statutory duty) or otherwise howsoever arising by reason or in connection with this Contract (except in relation to death or personal injury) shall be limited to an aggregate amount not exceeding £1 million if the complaint is in relation to a Report on residential property and an aggregate amount not exceeding £10 million in respect of any other Report or Service purchased from Landmark.
 - Landmark will not be liable for any defect, failure or omission relating to Services that is not notified to Landmark within six months of the date of the issue becoming apparent and in any event, within twelve years of the date of the Service.
 - You acknowledge that:-
 - Subject to clause 6.o below You shall have no claim or recourse against any Third Party Content supplier nor any of our other Suppliers. You will not in any way hold us responsible for any selection or retention of, or the acts of omissions of Third Party Content suppliers or other Suppliers (including those with whom We have contracted to operate various aspects or parts of the Service) in connection with the Services (for the avoidance of doubt Landmark is not a Third Party Content supplier). Landmark does not promise that the supply of the Services will be uninterrupted or error free or provide any particular facilities or functions, or that the Content will always be complete, accurate, precise, free from defects of any other kind, computer viruses, software locks or other similar code although Landmark will use reasonable efforts to correct any inaccuracies within a reasonable period of them becoming known to us;
 - Landmark's only obligation is to exercise reasonable skill and care in providing environmental property risk information to persons acting in a professional or commercial capacity who are skilled in the use of property and environmental information and You hereby acknowledge that You are such a person;
 - no physical inspection of the Property Site reported on is carried out as part of any Services offered by Landmark and Landmark do not warrant that all land uses or features whether past or current will be identified in the Services. The Services do not include any information relating to the actual state or condition of any Property Site nor should they be used or taken to indicate or exclude actual fitness or unfitness of a Property Site for any particular purpose nor should it be relied upon for determining saleability or value or used as a substitute for any physical investigation or inspection. Landmark recommends that You inspect and take other advice in relation to the Property Site and not rely exclusively on the Services.
 - Subject to clause 6.o below, Landmark shall not be

responsible for error or corruption in the Services resulting from inaccuracy or omission in primary or secondary information and data, inaccurate processing of information and data by third parties, computer malfunction or corruption of data whilst in the course of conversion, geo-coding, processing by computer or electronic means, or in the course of transmission by telephone or other communication link, or printing.

- Landmark will not be held liable in any way if a Report on residential property is used for commercial property or more than the one residential property for which it was ordered.
- The Services have not been prepared to meet Your or anyone else's individual requirements; that You assume the entire risk as to the suitability of the Services and waive any claim of detrimental reliance upon the same; and You confirm You are solely responsible for the selection or omission of any specific part of the Content;
- Landmark offer no warranty for the performance of any linked internet service not operated by Landmark;
- You will on using the Services make a reasonable inspection of any results to satisfy Yourself that there are no defects or failures. In the event that there is a material defect You will notify us in writing of such defect within seven days of its discovery;
- Any support or assistance provided to You in connection with these Terms is at Your risk;
- All liability for any insurance products purchased by You rests solely with the insurer. Landmark does not endorse any particular product or insurer and no information contained within the Services should be deemed to imply otherwise. You acknowledge that if You Order any such insurance Landmark will deem such as Your consent to forward a copy of the Report to the insurers. Where such policy is purchased, all liability remains with the insurers and You are entirely responsible for ensuring that the insurance policy offered is suitable for Your needs and should seek independent advice. Landmark does not guarantee that an insurance policy will be available on a Property Site. All decisions with regard to the offer of insurance policies for any premises will be made solely at the discretion of the insurers and Landmark accepts no liability in this regard. The provision of a Report does not constitute any indication by Landmark that insurance will be available on the property.
- Professional opinions contained in Reports are provided to Landmark by third parties, and such third parties are solely liable for the opinion provided. For the avoidance of doubt, those parties providing assessments or professional opinions on Landmark products include RPS Plc & Wilbourn Associates Limited, and any issues with regard to the provision of such opinion should be taken up with the relevant third party.
- If Landmark provides You with any additional service obtained from a third party, including but not limited to any interpretation or conclusion, risk assessment or environmental report or search carried out in relation to a Report on Your Property Site, subject to clause 6.o below Landmark will not be liable in any way for any information contained therein or any issues arising out of the provision of those additional services to You. Landmark will be deemed to have acted as an agent in these circumstances and the supply of these additional services will be governed by the terms and conditions of those Third Parties.
- In any event no person may rely on a Service more than 12 months after its original date.
- If You wish to vary any limitation of liability as set out in these Terms, You must request such variation prior to ordering the Service. Landmark shall use its reasonable endeavours to agree such variation but shall not be obliged to do so.
- Time shall not be of the essence with respect to the provision of the Services.
- Ordnance Survey have undertaken a positional accuracy improvement programme which may result in discrepancies between the positioning of features used in datasets in the Services and the updated Ordnance Survey mapping. Subject to clause 6.o below, Landmark and its Suppliers exclude all and any liability incurred as a result of the implementation of such positional accuracy improvement programme.
- Where Landmark provides its own risk assessment in connection with any Report, Landmark shall carry out such assessment with all reasonable skill and care but shall have no liability for any such risk assessment conclusion which is provided for information only, save where Landmark conducted the same negligently, in which case the provisions of clause 6 shall apply. Notwithstanding the provision of any such risk assessment conclusion you should carefully examine the remainder of the Report and should not take or refrain from taking any action based solely on the basis of the risk assessment. For the avoidance of doubt, the provisions of this clause 6n apply solely to risk assessments conducted by Landmark, and the provision of any other risk assessment by a third party shall be governed by such third party's terms in accordance with the provisions of clause 6i above.
- Landmark obtains much of the information contained in its Report from third parties. Landmark will not accept any liability to You for any negligent or incorrect entry, or error or corruption in the Third Party Content supplied to Landmark, but Landmark's Suppliers may be liable for such

negligent or incorrect entries, or errors or corruptions, subject to the terms and conditions on which they supply the Third Party Content to Landmark.

7. Contribution

- Save where expressly provided, this clause 7 shall apply solely to Envirosearch Residential Reports (regardless of the result of such Report). Nothing in this clause 7 shall operate to override or vary the provisions of clause 6.
- Landmark are prepared to offer, at their sole discretion, and without any admission or inference of liability a contribution towards the costs of any remediation works required under a Notice (as defined below) on the terms of this clause 7 ("the Contribution")
- In the event that a Remediation Notice is served on the First Purchaser or First Purchaser's Lender of a Property Site under Part II(A) of the Environmental Protection Act 1990 ("the Notice") Landmark will contribute to the cost of such works as either the First Purchaser or First Purchaser's Lender (but not both) are required to carry out under the Notice subject to the provisions of this clause 7 and on the following terms:
 - the Contribution shall only apply to contamination or a pollution incident present or having occurred prior to the date of the Report;
 - the Contribution shall only apply where the Property Site is a single residential dwelling house or a single residential flat within a block of flats. For the avoidance of doubt, this obligation does not apply to any commercial property, nor to any Property Site being developed or redeveloped whether for residential purposes or otherwise;
 - the Contribution is strictly limited to the cost of works at the Property Site and at no other site.
 - the Contribution will not be paid in respect of any of the following:
 - Radioactive contamination of whatsoever nature, directly or indirectly caused by or contributed to or arising from ionising radiations or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel or the radioactive toxic explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.
 - Asbestos arising out of or related in any way to asbestos or asbestos-containing materials on or in structures or services serving the structures.
 - Naturally occurring materials arising from the presence or required removal of naturally occurring materials except in circumstances where such materials are present in concentrations which are in excess of their natural concentration.
 - Intentional non-compliance arising from the intentional disregard of or knowing wilful or deliberate non-compliance by any owner or occupier of the Property Site with any statute, regulation, administrative complaint, notice of violation, or notice letter of any Regulatory Authority.
- Any condition which is known or ought reasonably to have been known to the First Purchaser or the First Purchaser's Lender prior to the purchase of the Report.
 - Any condition which is caused by acts of War or an Act of Terrorism.
 - Any property belonging to or in the custody or control of the First Purchaser which does not form a fixed part of the Property Site or the structure.
 - Any fines liquidated damages punitive or exemplary damages.
 - Any bodily injury including without limitation, death, illness or disease, mental injury, anguish or nervous shock.
 - Any financial loss in respect of any loss of any rental, profit, revenue, savings or business or any consequential indirect or economic loss damage or expense including the cost of rent of temporary premises or business interruption.
 - Any losses incurred following a material change in use of, alteration or development of the Property Site.
- The maximum sum that shall be contributed by Landmark in respect of any Contribution shall be limited to £60,000. In the event that more than one Report is purchased on the Property Site the Contribution will only be payable under the first Report purchased by or on behalf of any First Purchaser or First Purchaser's Lender and no Contribution will be made in respect of subsequent Reports purchased by or on behalf of such First Purchaser, First Purchaser's Lender or any person connected to them.
- Landmark shall only pay a Contribution where the Notice is served within 36 months of the date of the Report.
- Any rights to a Contribution under this Clause 7 are not assignable in the event of a sale of the Property Site and Landmark will not make any Contribution after the date of completion of such sale.
- In the event the First Purchaser or First Purchaser's Lender wishes to claim any Contribution, it shall notify Landmark in writing within 3 months of the date of the Notice. The First Purchaser or First Purchaser's Lender (as applicable) shall comply with all reasonable requirements of Landmark with regard to the commission and conduct of the remediation works to be carried out under the Notice, and in the event the First Purchaser or First Purchaser's Lender (as applicable) does not do so, including without limitation, obtaining Landmark's prior written consent to any estimates for such works or

complying with any other reasonable request by Landmark, Landmark shall not be required to pay any Contribution. Notwithstanding the payment of the Contribution by Landmark the First Purchaser or First Purchaser's Lender as applicable shall take all reasonable steps to mitigate any costs incurred in connection with the conduct of works required under the terms of any Notice.

- In the event that the First Purchaser or First Purchaser's Lender receives any communication from a statutory authority to the effect that there is an intent to serve a notice received under PartII(A) of the Environmental Protection Act 1990 they will advise Landmark within a maximum period of two months from receipt of such communication. This clause 7h and the service of any notice under it shall not affect the provisions of clauses 7 e and g, and any such communications, even if advised to Landmark will not operate as notice under clause 7e.
- Landmark reserve the right at any time prior to a claim for Contribution being made in accordance with clause 7 g) above, to withdraw the offer of payment of Contributions without further notice.

8. Events Beyond Our Control

- You acknowledge that Landmark shall not be liable for any delay, interruption or failure in the provision of the Services which are caused or contributed to by any circumstance which is outside our reasonable control including but not limited to, lack of power, telecommunications failure or overload, computer malfunction, inaccurate processing of data, or delays in receiving, loading or checking data, corruption of data whilst in the course of conversion, geo-coding, processing by computer in the course of electronic communication, or printing.

9. Severability

- If any provision of these Terms are found by either a court or other competent authority to be void, invalid, illegal or unenforceable, that provision shall be deemed to be deleted from these Terms and never to have formed part of these Terms and the remaining provisions shall continue in full force and effect.

10. Governing Law

- These terms shall be governed by and construed in accordance with English law and each party agrees irrevocably submit to the exclusive jurisdiction of the English courts if any dispute arises out of or in connection with this agreement (a "Dispute") the parties undertake that, prior to the commencement of Court proceedings, they will seek to have the Dispute resolved amicably by use of an alternative dispute resolution procedure acceptable to both parties with the assistance of the Centre for Dispute Resolution (CEDR) if required, by written notice initiating that procedure. If the Dispute has not been resolved to the satisfaction of either party within 60 days of initiation of the procedure or if either party fails or refuses to participate in or withdraws from participating in the procedure then either party may refer the Dispute to the Court.

11. General; Complaints

- Landmark may assign its rights and obligations under these Terms without prior notice or any limitation.
- Landmark may authorise or allow our contractors and other third parties to provide to Landmark and/or to You services necessary or related to the Services and to perform Landmark's obligations and exercise Landmark's rights under these Terms, which may include collecting payment on Landmark's behalf.
- No waiver on Landmark's part to exercise, and no delay in exercising, any right, power or provision hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right, power or provision hereunder preclude the exercise of that or any other right, power or provision.
- Unless otherwise stated in these Terms, all notices from You to Landmark must be in writing and sent to the Landmark registered office (or in the case of an Authorised Reseller, to its registered office address) and subject to paragraph e below all notices from Landmark to You will be displayed on our Websites from time to time.
- Any complaints in relation to the Services should, in the first instance, be in writing addressed to the Customer Service Support Manager at the Landmark registered office. Landmark or its agents will respond to any such complaints in writing as soon as practicable possible.
- A person who is not a party to any contract made pursuant to these Terms shall have no right under the Contract (Right of Third Parties) Act 1999 to enforce any terms of such contract and Landmark shall not be liable to any such third party in respect of any Services supplied.
- Landmark's Privacy Policy as displayed on the Website governs the use made of any information You supply to Landmark.

REPORT 2

EPS MR LTD ENVIRONMENTAL PERMIT VARIATION

UPDATED SITE CONDITION REPORT

Appendix 5
Envirocheck Report
Datasheet

Report Number 1469r2v1d0316

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

32433245_1_1

Customer Reference:

996 EPS

National Grid Reference:

268070, 192650

Slice:

A

Site Area (Ha):

0.5

Search Buffer (m):

1000

Site Details:

Site at

Swansea/Abertawe

Swansea

Client Details:

Mr A Jones

Geotechnology

Ty Coed

5 Cefn-Yr-Allt

Aberdulais

Neath

SA10 8HE

Prepared For:

EPS Ltd

Swansea

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	42
Hazardous Substances	44
Geological	45
Industrial Land Use	47
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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

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Peter Brett Associates Copyright Notice

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and the Health Protection Agency.

Report Version v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		76	8	53
Enforcement and Prohibition Notices	pg 35				1
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 35			1	4
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 36		5	3	4
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature			Yes		
Pollution Incidents to Controlled Waters	pg 38				8
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 39				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 39				1
Water Abstractions	pg 39				4 (*1)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 40	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 41	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 41	Yes		n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 42				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 42				1
Licensed Waste Management Facilities (Locations)	pg 42			1	1
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 43				1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 44				1
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 44				1
Planning Hazardous Substance Consents	pg 44		1		2
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites	pg 45				5
BGS 1:625,000 Solid Geology	pg 45	Yes	n/a	n/a	n/a
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas	pg 45	Yes	n/a	n/a	n/a
Mining Instability	pg 45	Yes	n/a	n/a	n/a
Natural and Mining Cavities					
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 46	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 46	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Shallow Mining Hazards	pg 46	Yes		n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 47		2	9	19
Fuel Station Entries	pg 49			1	1

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites	pg 50				1
Sites of Special Scientific Interest	pg 50				1
Special Areas of Conservation	pg 50				1
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0055813 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0055814 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 10th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151341 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151342 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151343 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151344 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151345 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151346 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151349 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151350 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 10th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151351 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 10th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151352 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 10th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151353 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 10th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151354 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 10th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700
1	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151355 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 10th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	9	1	268100 192700
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055864 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055899 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151301 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151302 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151303 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151304 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151305 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151306 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151307 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151308 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151309 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151310 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0151311 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151312 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151337 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 8th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151338 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 8th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151339 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 8th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151340 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	107	1	268100 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0055811 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0151313 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151314 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151315 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151316 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151317 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151318 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0151319 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0151320 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151321 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151322 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151323 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151324 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151325 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0151326 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151327 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151328 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151329 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151330 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 15th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151331 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0151335 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 8th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151336 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 8th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151347 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151348 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	142	1	268200 192800
3	Discharge Consents Operator: The Corporation Of Trinity House Property Type: Domestic & Industrial Tip Location: Trinity House Buoy Yard, Swansea Depot, Kings Dock, Swansea, Glamorgan, Sa1 8qt Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Npswqd007542 Permit Version: 1 Effective Date: 23rd July 2009 Issued Date: 23rd July 2009 Revocation Date: Not Supplied Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Saline Estuary Environment: Receiving Water: King'S Dock Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	186	1	268242 192820
4	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151356 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	169	1	267900 192500
5	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - M Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0055810 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	178	1	267900 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - M Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055887 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	178	1	267900 192800
5	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - M Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055891 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	178	1	267900 192800
5	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - M Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055892 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	178	1	267900 192800
5	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - M Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055893 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	178	1	267900 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - M Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055894 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	178	1	267900 192800
5	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - M Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055895 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	178	1	267900 192800
5	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - M Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055896 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	178	1	267900 192800
5	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - M Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055897 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	178	1	267900 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - M Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055898 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	178	1	267900 192800
6	Discharge Consents Operator: Bp Chemicals Ltd Property Type: Mineral Oil Processing Location: Queens Dock Shipping Terminal Swa, Swansea Authority: Environment Agency, Welsh Region Catchment Area: Not Given Reference: BC0019201 Permit Version: 2 Effective Date: 19th October 1995 Issued Date: 19th October 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Estuarial Waters Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	222	1	268300 192800
6	Discharge Consents Operator: Bp Oil Llandarcy Refinery Ltd Property Type: Mineral Oil Processing Location: Queens Dock Shipping Terminal Swa, Swansea Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Bc0019201 Permit Version: 1 Effective Date: 1st November 1963 Issued Date: 1st November 1963 Revocation Date: 18th October 1995 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Estuarial Waters Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	222	1	268300 192800
7	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - Drainage From Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0055812 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	227	1	268200 192900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - Drainage From Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151332 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	227	1	268200 192900
7	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - Drainage From Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0151333 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	227	1	268200 192900
7	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - Drainage From Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151334 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	227	1	268200 192900
8	Discharge Consents Operator: Cemex Uk Materials Ltd Property Type: Ready Mixed Concrete Location: Swansea Batching Plant Kings Dock, Tarmac Western Limited, Ready Mix Concrete Plant, Kings Dock Swansea Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Bp0300101 Permit Version: 1 Effective Date: 24th October 2002 Issued Date: 24th October 2002 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Controlled Sea Environment: Receiving Water: Kings Dock Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13NW (W)	241	1	267793 192766

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Associated British Ports Property Type: Domestic Property (Single) Location: National Coal Borad Laboratory, National Coal Board Laboratory, Ferry Port, Kings Dock, Swansea Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: BP0055802 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Controlled Sea Environment: Receiving Water: Kings Dock Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A12SE (W)	314	1	267700 192600
9	Discharge Consents Operator: Associated British Ports Property Type: Domestic Property (Single) Location: National Coal Borad Laboratory, National Coal Board Laboratory, Ferry Port, Kings Dock, Swansea Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0055802 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 20th January 1993 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Kings Dock Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A12SE (W)	314	1	267700 192600
9	Discharge Consents Operator: Associated British Ports Property Type: Domestic Property (Single) Location: National Coal Borad Laboratory, National Coal Board Laboratory, Ferry Port, Kings Dock, Swansea Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055839 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SE (W)	314	1	267700 192600
10	Discharge Consents Operator: British Coal Corporation Property Type: Undefined Or Other Location: Sept Tank @ Coal Sampling Lab Kings, Kings Dock-Abandoned Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Bf0156801 Permit Version: 1 Effective Date: 5th October 1976 Issued Date: 5th October 1976 Revocation Date: 19th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Dockside - Kings Dock, Swansea Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12NE (W)	339	1	267700 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Discharge Consents Operator: Bp Chemicals Ltd Property Type: Mineral Oil Processing Location: Queens Dock Shipping Terminal Swa, Swansea Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: BP0256602 Permit Version: 2 Effective Date: 19th December 1996 Issued Date: 18th December 1996 Revocation Date: 6th February 2002 Discharge Type: Trade Effluent Discharge: Saline Estuary Environment: Receiving Water: Estuarial Waters Of Queens Doc Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A8NE (S)	422	1	268100 192200
11	Discharge Consents Operator: Bp Chemicals Ltd Property Type: Mineral Oil Processing Location: Queens Dock Shipping Terminal Swa, Swansea Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0256602 Permit Version: 1 Effective Date: 2nd October 1995 Issued Date: 2nd October 1995 Revocation Date: 18th December 1996 Discharge Type: Trade Effluent Discharge: Saline Estuary Environment: Receiving Water: Estuarial Waters Of Queens Doc Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A8NE (S)	422	1	268100 192200
12	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055815 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 10th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	476	1	267600 192400
13	Discharge Consents Operator: Bp Chemicals Ltd Property Type: Mineral Oil Processing Location: Queens Dock Shipping Terminal Swa, Swansea Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: BP0256601 Permit Version: 1 Effective Date: 2nd October 1995 Issued Date: 2nd October 1995 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge: Controlled Sea Environment: Receiving Water: Queens Dock, Shipping Terminal Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A14SW (E)	480	1	268600 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo. Queens Dock (Point 92 New Authority: Environment Agency, Welsh Region Catchment Area: Boundary Of HA 59 & HA 60 Reference: Bp0064901 Permit Version: 1 Effective Date: 9th October 1987 Issued Date: 9th October 1987 Revocation Date: 9th March 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Coastal Environment: Receiving Water: Swansea Bay Foreshore Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	515	1	268500 192300
15	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Port Tennant Swansea Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Bo5112401 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 14th March 1994 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Un-Named Stream Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	552	1	267560 192980
16	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: A Shed Toilet Block Kings Dock Swa, Kings Dock Swansea Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0055801 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 11th January 1993 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Kings Dock Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	612	1	267500 192300
17	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Pt 95 Western Tce S'Sea Authority: Environment Agency, Welsh Region Catchment Area: Not Given Reference: BP0213801 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 10th July 2001 Discharge Type: Unspecified Discharge: Canal Environment: Receiving Water: Canal Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	636	1	267710 193220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo. Queens Dock (Point 92 New Authority: Environment Agency, Welsh Region Catchment Area: Boundary Of HA 59 & HA 60 Reference: BP0237414 Permit Version: 1 Effective Date: 1st January 1998 Issued Date: 12th December 1996 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Estuarial Waters Of Swansea Ba Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m	A14SE (E)	655	1	268770 192550
18	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo. Queens Dock (Point 92 New Authority: Environment Agency, Welsh Region Catchment Area: Boundary Of HA 59 & HA 60 Reference: BP0064901 Permit Version: 4 Effective Date: 15th September 1995 Issued Date: 14th September 1995 Revocation Date: 30th November 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Coastal Environment: Receiving Water: Swansea Bay Foreshore Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A14SE (E)	655	1	268770 192550
18	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo. Queens Dock (Point 92 New Authority: Environment Agency, Welsh Region Catchment Area: Boundary Of HA 59 & HA 60 Reference: Bp0064901 Permit Version: 3 Effective Date: 10th May 1993 Issued Date: 10th May 1993 Revocation Date: 14th September 1995 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Coastal Environment: Receiving Water: Swansea Bay Foreshore Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A14SE (E)	655	1	268770 192550
18	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo. Queens Dock (Point 92 New Authority: Environment Agency, Welsh Region Catchment Area: Boundary Of HA 59 & HA 60 Reference: Bp0064901 Permit Version: 2 Effective Date: 10th March 1993 Issued Date: 10th December 1992 Revocation Date: 9th May 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Coastal Environment: Receiving Water: Swansea Bay Foreshore Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A14SE (E)	655	1	268770 192550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo. Queens Dock (Point 92 New Authority: Environment Agency, Welsh Region Catchment Area: Boundary Of HA 59 & HA 60 Reference: BW4104301 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 10th July 2001 Discharge Type: Unspecified Discharge: Coastal Environment: Receiving Water: Swansea Bay Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A14SE (E)	655	1	268770 192550
19	Discharge Consents Operator: Soil Fertility Dunns Ltd Property Type: Undefined Or Other Location: Soil Fertility Dunns Ltd Phoenix Wh, Phoenix Wharf Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Bf0083901 Permit Version: 1 Effective Date: 10th July 1973 Issued Date: 10th July 1973 Revocation Date: 29th December 1993 Discharge Type: Unspecified Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Nr N/W Bank Queens Do Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	699	1	267400 192300
20	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Whard D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055888 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	711	1	267300 192600
20	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Whard D Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0055889 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	711	1	267300 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Whard D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055890 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	711	1	267300 192600
21	Discharge Consents Operator: English Welsh & Scottish Railway Property Type: Railways Location: Burrows Sidings Adj Fabian Way Authority: Environment Agency, Welsh Region Catchment Area: Not Given Reference: Bf0148701 Permit Version: 1 Effective Date: 12th April 1976 Issued Date: 12th April 1976 Revocation Date: 7th July 1997 Discharge Type: Unspecified Discharge: Canal Environment: Receiving Water: Near Port Tennant Canal Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	762	1	268730 193130
22	Discharge Consents Operator: J W Aquaculture Ltd Property Type: Fish Farm Location: Phoenix Wharf Kings Dock Swansea, Kings Dock Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Bp0290301 Permit Version: 1 Effective Date: 27th June 2001 Issued Date: 27th June 2001 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge: Controlled Sea Environment: Receiving Water: Kings Dock Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	807	1	267290 192280
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0055809 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055873 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055874 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055875 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055876 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055877 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055878 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055879 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055880 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055881 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055883 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055884 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055885 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055886 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	811	1	267200 192600
24	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151367 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12NW (W)	821	1	267200 192800
24	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0151368 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12NW (W)	821	1	267200 192800
24	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151369 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12NW (W)	821	1	267200 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Discharge Consents Operator: City And County Of Swansea Property Type: Recreational & Cultural Location: Tir John Civic Amenity Site Port, Port Tennant Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: BP0055501 Permit Version: 2 Effective Date: 28th March 1994 Issued Date: 28th March 1994 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: To Land Receiving Water: To Land Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A18NE (N)	830	1	268300 193500
25	Discharge Consents Operator: City And County Of Swansea Property Type: Recreational & Cultural Location: Tir John Civic Amenity Site Port, Port Tennant Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055501 Permit Version: 1 Effective Date: 12th October 1987 Issued Date: 12th October 1987 Revocation Date: 27th March 1994 Discharge Type: Unspecified Discharge: Into Land And Watercourse Environment: Crymlyn Bog Receiving Water: Crymlyn Bog Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A18NE (N)	830	1	268300 193500
26	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - Scherzer Passa Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0055902 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Swansea Docks Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	835	1	267300 192200
27	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Swansea Stw Fabian Way Swansea, Fabian Way, Swansea, Wales Authority: Environment Agency, Welsh Region Catchment Area: Boundary Of HA 59 & HA 60 Reference: Bp0236601 Permit Version: 7 Effective Date: 30th April 2004 Issued Date: 30th April 2004 Revocation Date: 17th November 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Swansea Bay (Estuarial Wtrs) Receiving Water: Swansea Bay (Estuarial Wtrs) Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned to the address or location	A14NE (E)	858	1	268927 192946

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Swansea Stw Fabian Way Swansea, Fabian Way, Swansea, Wales Authority: Environment Agency, Welsh Region Catchment Area: Boundary Of HA 59 & HA 60 Reference: Bp0236601 Permit Version: 6 Effective Date: 28th November 2003 Issued Date: 28th November 2003 Revocation Date: 29th April 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Swansea Bay (Estuarial Wtrs) Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned to the address or location	A14NE (E)	858	1	268927 192946
28	Discharge Consents Operator: Bp Chemicals Ltd Property Type: Mineral Oil Processing Location: Queens Dock Shipping Terminal Swa, Swansea Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: BP0256604 Permit Version: 1 Effective Date: 2nd October 1995 Issued Date: 2nd October 1995 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Estuarial Waters Of Queens Doc Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	887	1	267500 191900
29	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: Stream 59-59 Reference: Bp0055808 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	910	1	267100 192600
29	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055866 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	910	1	267100 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055867 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	910	1	267100 192600
29	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055868 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	910	1	267100 192600
29	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055869 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	910	1	267100 192600
29	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055870 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	910	1	267100 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055871 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	910	1	267100 192600
29	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055872 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	910	1	267100 192600
29	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055882 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SW (W)	910	1	267100 192600
30	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055817 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12NW (W)	919	1	267100 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055819 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12NW (W)	919	1	267100 192800
31	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Swansea Stw Fabian Way Swansea, Fabian Way, Swansea, Wales Authority: Environment Agency, Welsh Region Catchment Area: Boundary Of HA 59 & HA 60 Reference: Bp0236601 Permit Version: 10 Effective Date: 1st January 2010 Issued Date: 26th June 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Swansea Bay (Estuarial Wtrs) Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A19SE (E)	958	1	269010 193010
31	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Swansea Stw Fabian Way Swansea, Fabian Way, Swansea, Wales Authority: Environment Agency, Welsh Region Catchment Area: Boundary Of HA 59 & HA 60 Reference: Bp0236601 Permit Version: 9 Effective Date: 26th May 2006 Issued Date: 26th May 2006 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Swansea Bay (Estuarial Wtrs) Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A19SE (E)	958	1	269010 193010
31	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Swansea Stw Fabian Way Swansea, Fabian Way, Swansea, Wales Authority: Environment Agency, Welsh Region Catchment Area: Boundary Of HA 59 & HA 60 Reference: Bp0236601 Permit Version: 8 Effective Date: 18th November 2005 Issued Date: 18th November 2005 Revocation Date: 25th May 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Swansea Bay (Estuarial Wtrs) Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A19SE (E)	958	1	269010 193010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0151358 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A7NW (W)	976	1	267100 192300
33	Enforcement and Prohibition Notices Location: Crymlyn Burrows, Swansea Permit Reference: Not Given Enforcement Date: Not Supplied Details: During A Fire Water Used To Dowse The Flames Was Allowed To Run Into Nearby Coastal Waters - Failure To Prevent This Resulted In The Serving Of The Notice Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	888	1	267222 193071
34	Integrated Pollution Prevention And Control Name: Neath Port Talbot Recycling Ltd Location: Crymlyn Burrows Materials Recycling And Energy Ctr, Materials Recovery & Energy, Crymlyn Burrows, Swansea, SA1 8PZ Authority: Environment Agency, Welsh Region Permit Reference: Up3432sh Original Permit Ref: Bjs5775if Effective Date: 5th December 2005 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Manually positioned within the geographical locality Activity Code: 5.1 A(1) (D) Activity Description: Waste Incineration; Hazardous Waste Unless Otherwise Stated Primary Activity: Y	A18SW (NW)	358	1	267900 193000
35	Integrated Pollution Prevention And Control Name: Neath Port Talbot Recycling Ltd Location: Crymlyn Burrows Materials Recycling And Energy Ctr, Materials Recovery And Energy, Baldwin Crescent, Crymlyn Burrows, Neath, SA1 8PZ Authority: Environment Agency, Welsh Region Permit Reference: Bx8220iw Original Permit Ref: Bjs5775if Effective Date: 19th May 2004 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Manually positioned within the geographical locality Activity Code: 5.1 A(1) (D) Activity Description: Waste Incineration; Hazardous Waste Unless Otherwise Stated Primary Activity: Y	A12NE (W)	617	1	267398 192748
36	Integrated Pollution Prevention And Control Name: Summerleaze Ltd Location: Tir John Landfill Gup, Tir John Gup, Fabian Way, Port Tennant, West Glamorgan, SA7 9XT Authority: Environment Agency, Welsh Region Permit Reference: BP3738LS Original Permit Ref: Bp3738ls Effective Date: 22nd December 2006 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the road within the address or location Activity Code: 1.1 A(1) (B) (III) Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: Y	A19SE (NE)	756	1	268757 193078

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	Integrated Pollution Prevention And Control Name: Swansea City Waste Disposal Co Ltd Location: Tir John Landfill Site, Tir John Landfill, Fabian Way, Port Tennant, West Glamorgan, SA7 9XT Authority: Environment Agency, Welsh Region Permit Reference: Cp3635pq Original Permit Ref: Cp3635pq Effective Date: Not Supplied Status: Application refused Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the road within the address or location Activity Code: 5.1 A(1) (A) Activity Description: Incineration Of Hazardous Waste Primary Activity: Y	A19SE (NE)	756	1	268757 193078
37	Integrated Pollution Prevention And Control Name: Infinis (Re-Gen) Ltd Location: Tir John Landfill Gup, Fabian Way, Port Tennant, SA7 9XT Authority: Environment Agency, Welsh Region Permit Reference: RP3431MQ Original Permit Ref: Bp3738ls Effective Date: 30th January 2007 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Manually positioned to the address or location Activity Code: 1.1 A(1) (B) (III) Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: Y	A19NW (N)	966	1	268434 193602
38	Local Authority Pollution Prevention and Controls Name: Swansea Container Terminal Location: F Berth, Kings Dock, Swansea, Sa1 8qt Authority: Swansea Bay Port Heath Authority Permit Reference: E2/8/ASCT Dated: 28th January 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG3/5 Coal, coke and coal product processes Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13NE (E)	135	2	268251 192690
39	Local Authority Pollution Prevention and Controls Name: Morrissey Location: 4 Quay (North East), Kings Dock, Swansea Authority: Swansea Bay Port Heath Authority Permit Reference: E2/8/SSFN Dated: 21st December 2005 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned within the geographical locality	A13NE (NE)	239	2	268252 192882
39	Local Authority Pollution Prevention and Controls Name: Dan Morrissey (Uk) Ltd Location: 6 Quay, Kings Dock, Swansea, Sa1 8qt Authority: Swansea Bay Port Heath Authority Permit Reference: E2/8/D/SSQ Dated: 28th January 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	239	2	268252 192882
40	Local Authority Pollution Prevention and Controls Name: Stenor Location: Kings Dock, Swansea Authority: Swansea Bay Port Heath Authority Permit Reference: E2/8/USSM Dated: 9th October 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned within the geographical locality	A13SW (W)	245	2	267771 192598

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Local Authority Pollution Prevention and Controls Name: Associated British Ports Location: Kings Dock, Swansea Docks, SWANSEA, West Glamorgan, SA1 8QU Authority: City and County of Swansea, Environmental Health Department Permit Reference: Not Given Dated: 30th September 1992 Process Type: Local Authority Air Pollution Control Description: PG3/5 Coal, coke and coal product processes Status: Authorisation revoked Positional Accuracy: Manually positioned within the geographical locality	A13NW (NW)	245	3	267811 192803
42	Local Authority Pollution Prevention and Controls Name: Abp Location: 4 Quay, Kings Dock, Swansea Authority: Swansea Bay Port Health Authority Permit Reference: E2/8/HSFQ Dated: 26th January 2001 Process Type: Local Authority Pollution Prevention and Control Description: PG3/5 Coal, coke and coal product processes Status: Permitted Positional Accuracy: Manually positioned within the geographical locality	A12NE (W)	380	2	267633 192720
42	Local Authority Pollution Prevention and Controls Name: Abp Location: D Shed Wharf, Kings Dock, Swansea Authority: Swansea Bay Port Health Authority Permit Reference: E2/8/ISDS Dated: 23rd January 1997 Process Type: Local Authority Pollution Prevention and Control Description: PG3/5 Coal, coke and coal product processes Status: Permitted Positional Accuracy: Manually positioned within the geographical locality	A12NE (W)	380	2	267633 192720
43	Local Authority Pollution Prevention and Controls Name: Cemex Uk Location: Kings Dock, Swansea Authority: Swansea Bay Port Health Authority Permit Reference: E2/8/RSTM Dated: 1st August 2002 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1 Blending, packing, loading and use of bulk cement Status: Permitted Positional Accuracy: Manually positioned within the geographical locality	A12NE (W)	497	2	267515 192720
44	Local Authority Pollution Prevention and Controls Name: Texaco Burrow Service Station Location: Fabian Way, Port Tennant, SWANSEA, West Glamorgan, SA1 8PA Authority: City and County of Swansea, Environmental Health Department Permit Reference: Prr/Textpt/Kdj/Poll Dated: 26th October 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	520	3	267663 193047
45	Local Authority Pollution Prevention and Controls Name: Bfs Location: 4 Quay (West), Kings Dock, Swansea Authority: Swansea Bay Port Health Authority Permit Reference: E2/8/MSFW Dated: 3rd May 2005 Process Type: Local Authority Pollution Prevention and Control Description: PG3/5 Coal, coke and coal product processes Status: Permitted Positional Accuracy: Manually positioned within the geographical locality	A12SE (W)	535	2	267479 192581
46	Local Authority Pollution Prevention and Controls Name: Abp Location: Graigola Wharf, Kings Dock, Swansea, Sa Authority: Swansea Bay Port Health Authority Permit Reference: E2/8/CSGG Dated: 28th January 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG3/5 Coal, coke and coal product processes Status: Permitted Positional Accuracy: Manually positioned within the geographical locality	A12SW (W)	688	2	267321 192636

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	Local Authority Pollution Prevention and Controls Name: Petrol Express Location: Fabian Way, Port Tennant, SWANSEA, West Glamorgan, SA1 8LD Authority: City and County of Swansea, Environmental Health Department Permit Reference: NOT GIVEN Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A17SW (NW)	909	3	267215 193102
	Nearest Surface Water Feature	A13NE (NE)	2	-	268102 192694
48	Pollution Incidents to Controlled Waters Property Type: Process Location: Alcan Factory, Fabian Way Fire, 3 X Tenders Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Accidental Spillage/Leakage Incident Date: 11th July 1995 Incident Reference: 24726 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	502	1	268400 193100
49	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Port Tennant, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 14th February 1992 Incident Reference: 3408 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	516	1	268200 193200
50	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Queens Dock, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Rubbish Note: Mechanical Failure Incident Date: 28th June 1991 Incident Reference: 903 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	694	1	268800 192500
51	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Oil Leaking From, Ship Called Dubulti In Queens Dock, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Heavy Fuel Oil Note: Boundary Of Ha 59 & Ha 60; Leakage Incident Date: 28th April 1998 Incident Reference: 35486 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	790	1	267300 192300
52	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Tank Farm Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 25th June 1996 Incident Reference: 28924 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	890	1	269000 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Comet Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 20th August 1994 Incident Reference: 21330 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	919	1	267100 192800
54	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Swasnea Docks, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Sewage - Septic Tank Effluent Note: Accidental Spillage/Leakage Incident Date: 4th April 1995 Incident Reference: 23760 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	950	1	267300 192000
54	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Queens Dock Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Accidental Spillage/Leakage Incident Date: 4th April 1995 Incident Reference: 23760 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	954	1	267300 191995
	River Quality Name: Port Tennant Canal GQA Grade: River Quality E Reach: Jersey Marine Br.-Tennant Pond Estimated Distance (km): 2.8 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A19SE (NE)	820	1	268807 193117
55	Substantiated Pollution Incident Register Authority: Environment Agency Wales, South West Area Incident Date: 11th August 2003 Incident Reference: 180814 Water Impact: Category 2 - Significant Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Contaminated Water: Firefighting Run-Off	A18NE (N)	761	1	268360 193410
56	Water Abstractions Operator: J W Aquaculture Ltd Licence Number: 22/59/1/0120 Permit Version: 2 Location: Scherzer Passage, King'S Dock, Swansea Authority: Environment Agency, Welsh Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd June 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	797	1	267350 192190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	Water Abstractions Operator: J W Aquaculture Ltd. Licence Number: 22/59/1/0120 Permit Version: 1 Location: Scherzer Passage, King'S Dock, Swansea Authority: Environment Agency, Welsh Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	797	1	267350 192190
56	Water Abstractions Operator: J W Aquaculture Ltd. Licence Number: 22/59/1/0120 Permit Version: 1 Location: Scherzer Passage, King'S Dock, Swansea Authority: Environment Agency, Welsh Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 February Authorised End: 31 May Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	797	1	267350 192190
56	Water Abstractions Operator: J W Aquaculture Ltd. Licence Number: 22/59/1/0120 Permit Version: 1 Location: Scherzer Passage, King'S Dock, Swansea Authority: Environment Agency, Welsh Region Abstraction: Aquaculture: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	797	1	267350 192190
	Water Abstractions Operator: Swansea City Council Licence Number: 22/59/1/0106 Permit Version: 100 Location: River Tawe Barrage Scheme Authority: Environment Agency, Welsh Region Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: R.Tawe Barrage Scheme U/S Of Docks Ss 6653 9265 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (W)	1478	1	266530 192650
	Groundwater Vulnerability Geological Classification: Inland water or sea Soil Classification: Not classified Map Sheet: Sheet 35 West Glamorgan Scale: 1:100,000	A13NW (N)	0	1	268059 192674

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 35 West Glamorgan Scale: 1:100,000	A13SW (S)	0	1	268065 192654
	Drift Deposits None				
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Boundary Accuracy: As Supplied	A13SW (S)	0	1	268065 192654
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Boundary Accuracy: As Supplied	A13SW (S)	0	1	268065 192654
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	Historical Landfill Sites Licence Holder: Not Supplied Location: Swansea, West Glamorgan Name: CEGB Tir John Power Station Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD31178 First Input Date: 23rd November 1953 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial and Commercial Waste Type: EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1277 Other Ref: Not Supplied	A18NE (N)	827	1	268267 193504
58	Licensed Waste Management Facilities (Landfill Boundaries) Name: Tir John Landfill Licence Number: 34011 Location: Land/ Premises At, Fabian Way, Port Tennant, Swansea, SA1 8QP Licence Holder: Swansea City Waste Disposal Co Ltd Authority: Environment Agency Wales, South West Area Site Category: Other Landfill Sites Taking Special Waste Max Input Rate: Not Supplied Licence Status: Active Issued: 30th March 1985 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A19NE (NE)	983	1	268750 193435
59	Licensed Waste Management Facilities (Locations) Licence Number: 34290 Location: Stenor Environmental Ltd, Swansea Docks, Swansea, SA1 1QR Operator Name: Stenor Environmental Services Ltd Operator Location: Not Supplied Authority: Environment Agency Wales, South West Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Issued Issued: 26th June 2007 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	431	1	267640 192420
60	Licensed Waste Management Facilities (Locations) Licence Number: 34011 Location: Land/ Premises At, Fabian Way, Port Tennant, Swansea, SA1 8QP Operator Name: Swansea City Waste Disposal Co Ltd Operator Location: Not Supplied Authority: Environment Agency Wales, South West Area Site Category: Other Landfill Sites Taking Special Waste Licence Status: Issued Issued: 30th March 1985 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NE (NE)	1000	1	268747 193461
	Local Authority Landfill Coverage Name: City and County of Swansea - Has no landfill data to supply		0	3	268065 192654

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	Registered Landfill Sites Licence Holder: J & C Floorings Ltd Licence Reference: L1/12 Site Location: Burrows Hall, Wern Terrace, Port Tenant, Swansea, West Glamorgan Licence Easting: 268250 Licence Northing: 193450 Operator Location: Wern Terrace, Swansea, West Glamorgan Authority: Environment Agency Wales, South West Area Site Category: Landfill Max Input Rate: Undefined Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st August 1978 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Waste Flooring Materials	A18NE (N)	671	1	268227 193353

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	Control of Major Accident Hazards Sites (COMAH) Name: Bp Chemicals Ltd Location: Queens Dock, SWANSEA, West Glamorgan, SA1 8QR Reference: 1286 Type: Upper Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Automatically positioned to the address	A14NW (E)	522	4	268605 192850
63	Notification of Installations Handling Hazardous Substances (NIHHS) Name: B P Oil Limited Location: Queens Dock, SWANSEA, West Glamorgan, SA1 8QR Status: Record Ceased To Be Supplied Under NIHHS Regulations (1982) Positional Accuracy: Automatically positioned to the address	A14NW (E)	521	4	268605 192845
64	Planning Hazardous Substance Consents Name: B P Bitumen Location: Queen's Dock, SWANSEA, West Glamorgan, SA1 8QR Authority: Neath Port Talbot County Borough Council, Planning Department Application Ref: PH5/003 Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Liquefied petroleum gas held at >1.4 bar where amount held is greater than or equal to 25 tonnes Maximum Quantity: 0 Application date: Not Supplied Decision: Deemed consent granted between June 1992 and November 1992 Positional Accuracy: Manually positioned within the geographical locality	A13SE (E)	174	5	268283 192584
65	Planning Hazardous Substance Consents Name: British Petroleum Co Plc Location: BP Oil, Queens Dock, SWANSEA, West Glamorgan, SA1 8QR Authority: City and County of Swansea, Planning Department Application Ref: Haz (Sec 11)/1 Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Liquefied petroleum gas held at >1.4 bar where amount held is greater than or equal to 25 tonnes Maximum Quantity: 11400 Application date: Not Supplied Decision: Deemed Consent Granted Positional Accuracy: Manually positioned within the geographical locality	A14NW (E)	520	6	268604 192845
65	Planning Hazardous Substance Consents Name: B P Chemicals Baglan Bay Location: BP Oil, Queens Dock, SWANSEA, West Glamorgan, SA1 8QR Authority: City and County of Swansea, Planning Department Application Ref: Haz (Sec 11)/1 Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), All other liquid or liquids with flashpoint less than 21°C, where amount held is >= 10,000 tonnes Maximum Quantity: 210000 Application date: Not Supplied Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the road within the address or location	A14NW (E)	522	6	268605 192851

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	BGS Recorded Mineral Sites Site Name: Gelli-Grafog Location: Tir John North Road, Port Tennant, Swansea, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 58270 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	917	7	268480 193530
67	BGS Recorded Mineral Sites Site Name: Port Tennant Location: Tir John North Road, Port Tennant, Swansea, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 58268 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	958	7	268280 193635
67	BGS Recorded Mineral Sites Site Name: Port Tennant Location: Port Tennant, Swansea, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 58267 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	966	7	268240 193650
68	BGS Recorded Mineral Sites Site Name: Port Tennant Location: Port Tennant, Swansea, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 58265 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	968	7	268140 193660
69	BGS Recorded Mineral Sites Site Name: Port Tennant Location: Port Tennant, Swansea, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 58266 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A23SE (N)	996	7	268240 193680
	BGS 1:625,000 Solid Geology Description: Upper Westphalian (including Pennant Measures)	A13SW (S)	0	7	268065 192654
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SW (S)	0	8	268065 192654
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (S)	0	-	268065 192654

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards No Hazard				
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	7	268065 192654
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	7	268065 192654
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	134	7	267925 192525
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	159	7	267950 192475
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	163	7	267875 192550
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	7	268065 192654
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	7	268065 192654
	Radon Potential - Radon Affected Areas Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	7	268065 192654
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	7	268065 192654
	Shallow Mining Hazards Risk: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	7	268065 192654

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	Contemporary Trade Directory Entries Name: Cemex Location: Kings Dock, SWANSEA, SA1 8QU Classification: Concrete & Mortar Ready Mixed Status: Active Positional Accuracy: Manually positioned to the address or location	A13NE (N)	106	-	268118 192798
70	Contemporary Trade Directory Entries Name: Stenor Environmental Services Ltd Location: Kings Dock, Swansea, West Glamorgan, SA1 8QU Classification: Reclaiming - Waste Products Status: Active Positional Accuracy: Manually positioned to the address or location	A13NE (N)	106	-	268118 192798
71	Contemporary Trade Directory Entries Name: Dan Morrissey Cement (Uk) Ltd Location: E Berth Kings Dock, Swansea, West Glamorgan, SA1 8QT Classification: Cement Manufacturers & Distributors Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13NE (NE)	293	-	268350 192856
72	Contemporary Trade Directory Entries Name: Mercedes Benz Of Swansea Location: Langdon Road, Swansea, SA1 8QY Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	345	-	267780 192917
73	Contemporary Trade Directory Entries Name: Aluminium Wire & Conductor Co Ltd Location: Fabian Way, Port Tennant, Swansea, SA1 8PS Classification: Wire Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	376	-	268166 193064
73	Contemporary Trade Directory Entries Name: 4 The Environment Location: Fabian Way, Port Tennant, Swansea, SA1 8PS Classification: Recycling Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	376	-	268166 193064
74	Contemporary Trade Directory Entries Name: Neath Port Talbot Recycling Ltd Location: Crymlyn Burrows, Swansea, West Glamorgan, SA1 8PZ Classification: Recycling Centres Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	408	-	267904 193054
74	Contemporary Trade Directory Entries Name: Eco-Logic Recycling Ltd Location: The Old AWCO Works, Fabian Way, Port Tennant, Swansea, West Glamorgan, SA1 8PA Classification: Recycling Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	445	-	267888 193088
75	Contemporary Trade Directory Entries Name: South Wales Bmw Specialists Location: 90, Fabian Way, Port Tennant, Swansea, SA1 8PA Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	462	-	267904 193112
76	Contemporary Trade Directory Entries Name: Burrows Service Station Location: 109, Fabian Way, Port Tennant, Swansea, SA1 8PA Classification: Petrol Filling Stations - 24 Hour Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	468	-	268005 193150
77	Contemporary Trade Directory Entries Name: Bresnan Bros Ltd Location: The New Coalyard, Langdon Road, Swansea, SA1 8QY Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (NW)	493	-	267612 192952

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	Contemporary Trade Directory Entries Name: Wincanton Transport Location: Queens Dock, Swansea, West Glamorgan, SA1 8QR Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SW (E)	518	-	268637 192591
79	Contemporary Trade Directory Entries Name: South Wales Truck Services Ltd Location: Distribution Terminal, Queens Dock, Swansea, West Glamorgan, SA1 8QR Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	521	-	268604 192850
80	Contemporary Trade Directory Entries Name: 3663 Location: Langdon Road, Swansea, SA1 8QY Classification: Frozen Food Processors & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	660	-	267426 192971
80	Contemporary Trade Directory Entries Name: 3663 First For Food Service Ltd Location: Langdon Road, Swansea, SA1 8QY Classification: Frozen Food Processors & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (NW)	660	-	267426 192971
81	Contemporary Trade Directory Entries Name: P R Godfrey Location: 87, Ysgol Street, Port Tennant, Swansea, SA1 8LE Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	677	-	267509 193115
82	Contemporary Trade Directory Entries Name: Towers Thompson & Co Location: Prince of Wales Dock, Swansea, West Glamorgan, SA1 8RQ Classification: Meat - Wholesale Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (NW)	727	-	267348 192962
82	Contemporary Trade Directory Entries Name: S R S Motors Location: Langdon Road, Swansea, SA1 8QY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	747	-	267349 193010
83	Contemporary Trade Directory Entries Name: Alan Dooley Plumbing & Heating Location: 20, Jersey Terrace, Port Tennant, Swansea, SA1 8LA Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	781	-	267507 193257
84	Contemporary Trade Directory Entries Name: East Side Printers Ltd Location: 219, Port Tennant Road, Port Tennant, Swansea, SA1 8JU Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	805	-	267354 193129
85	Contemporary Trade Directory Entries Name: Woodit Joinery Location: 39, Ysgol Street, Port Tennant, Swansea, SA1 8LF Classification: Kitchen Furniture Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	822	-	267540 193334
86	Contemporary Trade Directory Entries Name: The Exclusive Body Centre Location: Langdon Road, Swansea, SA1 8QY Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	825	-	267266 193019
86	Contemporary Trade Directory Entries Name: Eurotechnic Ltd Location: Langdon Rd, Swansea, West Glamorgan, SA1 8QY Classification: Mechanical Handling Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	863	-	267218 193006

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	Contemporary Trade Directory Entries Name: Mayday Cleaning Ltd Location: 7, Bay Street, Port Tennant, Swansea, SA1 8LB Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	829	-	267374 193192
88	Contemporary Trade Directory Entries Name: Fabian Way Service Station Location: Fabian Way, Port Tennant, Swansea, West Glamorgan, SA1 8LD Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	909	-	267215 193102
88	Contemporary Trade Directory Entries Name: John Clegg Location: Fabian Way, Port Tennant, Swansea, West Glamorgan, SA1 8LD Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	913	-	267224 193126
89	Contemporary Trade Directory Entries Name: Greatone Ltd Location: Langdon Road, SWANSEA, SA1 8QY Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SW (W)	913	-	267166 193010
89	Contemporary Trade Directory Entries Name: Swansea Audi Location: Langdon Rd, Swansea, West Glamorgan, SA1 8QY Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A17SW (W)	954	-	267123 193014
89	Contemporary Trade Directory Entries Name: Stiens Haulage Ltd Location: South Wales Sand Wharf, Langdon Road, Swansea, SA1 8QY Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A17SW (W)	978	-	267104 193032
90	Contemporary Trade Directory Entries Name: Swansea Harbour Boatmen Location: Kings Dock, Swansea, West Glamorgan, SA1 8RU Classification: Ports, Docks & Harbours Status: Active Positional Accuracy: Manually positioned within the geographical locality	A11SE (W)	957	-	267052 192642
91	Fuel Station Entries Name: Burrows Service Station Location: FABIAN WAY, PORT TENNANT, SWANSEA, WEST GLAMORGAN, SA1 8PA Brand: TEXACO Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A18SW (N)	469	-	267985 193146
92	Fuel Station Entries Name: Fabian Way Service Station Location: Fabian Way, Port Tennant,, SWANSEA, West Glamorgan, SA1 8PQ Brand: Q8 Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A17SW (NW)	906	-	267215 193097

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	Ramsar Sites Name: Crymlyn Bog Multiple Areas: Y Total Area (m2): 2676564.98 Source: Countryside Council for Wales Reference: UK14006 Designation Date: 8th June 1993	A18SE (N)	513	9	268202 193197
94	Sites of Special Scientific Interest Name: Cors Crymlyn / Crymlyn Bog Multiple Areas: Y Total Area (m2): 2808851.94 Source: Countryside Council for Wales Reference: 47433wwp Designation Details: Biological Designation Date: 1st January 1975 Date Type: Renotified	A18SE (N)	513	9	268202 193197
95	Special Areas of Conservation Name: Crymlyn Bog / Cors Crymlyn Multiple Areas: Y Total Area (m2): 2995155.92 Source: Countryside Council for Wales Reference: Uk0012885 Status: Designated	A18SE (N)	513	9	268202 193197

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	July 2010 March 2010	Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region	April 2010	Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	August 2010	Quarterly
Integrated Pollution Controls Environment Agency - Welsh Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Welsh Region	July 2010	Quarterly
Local Authority Integrated Pollution Prevention And Control City and County of Swansea - Environmental Health Department Swansea Bay Port Health Authority Neath Port Talbot County Borough Council - Environmental Health Department	December 2009 December 2009 June 2010	Annual Rolling Update Annually Annual Rolling Update
Local Authority Pollution Prevention and Controls City and County of Swansea - Environmental Health Department Swansea Bay Port Health Authority Neath Port Talbot County Borough Council - Environmental Health Department	December 2009 December 2009 June 2010	Annual Rolling Update Annually Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Swansea Bay Port Health Authority City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	December 2009 July 2009 June 2010	Annually Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	April 2010	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Welsh Region	August 2010	Monthly
Prosecutions Relating to Controlled Waters Environment Agency - Welsh Region	August 2010	Monthly
Registered Radioactive Substances Environment Agency - Welsh Region	July 2010	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	January 2010	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	January 2010	Annually
Substantiated Pollution Incident Register Environment Agency Wales - South West Area	July 2010	Quarterly
Water Abstractions Environment Agency - Welsh Region	July 2010	Quarterly
Water Industry Act Referrals Environment Agency - Welsh Region	January 2010	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 1999	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Source Protection Zones Environment Agency - Head Office	June 2010	Quarterly

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2010	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2010	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	March 2010	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	March 2010	Quarterly
Flood Defences Environment Agency - Head Office	March 2010	Quarterly
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency Wales - South West Area	July 2010	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Welsh Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency Wales - South West Area	July 2010	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency Wales - South West Area	July 2010	Quarterly
Local Authority Landfill Coverage City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	May 2000 September 2003	Not Applicable Not Applicable
Registered Landfill Sites Environment Agency Wales - South West Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency Wales - South West Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency Wales - South West Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	May 2010	Bi-Annually
Explosive Sites Health and Safety Executive	January 2009	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Neath Port Talbot County Borough Council - Planning Department City and County of Swansea - Planning Department	August 2010 September 2010	Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Neath Port Talbot County Borough Council - Planning Department City and County of Swansea - Planning Department	August 2010 September 2010	Annual Rolling Update Annual Rolling Update

Geological	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2010	Bi-Annually
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2006	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural and Mining Cavities Peter Brett Associates	May 2010	Bi-Annually
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	May 2007	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	May 2007	As notified
Shallow Mining Hazards British Geological Survey - National Geoscience Information Service	August 2002	Not Applicable
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	June 2010	Quarterly
Fuel Station Entries Catalist Ltd - Experian Catalist	April 2010	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty Countryside Council for Wales	February 2010	Bi-Annually
Environmentally Sensitive Areas The National Assembly for Wales - GI Services (Department of Planning & Countryside)	August 2008	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves City and County of Swansea Neath Port Talbot County Borough Council	February 2010 February 2010	Bi-Annually Bi-Annually
Marine Nature Reserves Countryside Council for Wales	February 2010	Bi-Annually
National Nature Reserves Countryside Council for Wales	February 2010	Bi-Annually
National Parks The National Assembly for Wales - GI Services (Department of Planning & Countryside)	August 2008	Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2009	Not Applicable
Nitrate Vulnerable Zones The National Assembly for Wales - GI Services (Department of Planning & Countryside)	October 2005	Annually
Ramsar Sites Countryside Council for Wales	February 2010	Bi-Annually
Sites of Special Scientific Interest Countryside Council for Wales	February 2010	Bi-Annually
Special Areas of Conservation Countryside Council for Wales	February 2010	Bi-Annually
Special Protection Areas Countryside Council for Wales	February 2010	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Countryside Council for Wales	
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	Swansea Bay Port Health Authority Kings Dock Lock, Swansea, SA1 8RU	Telephone: 01792 653523 Fax: 01792 641718 Email: swansea-bay@cieh.org.uk
3	City and County of Swansea - Environmental Health Department The Guildhall, Swansea, West Glamorgan, SA1 4PE	Telephone: 01792 636000 extn 5651 Fax: 01792 635719
4	Health and Safety Executive HSE Infoline, Caerphilly Business Park, Caerphilly, CF83 3GG	Telephone: 08701 545500 Fax: 02920 859260 Email: hseinformationservices@natbrit.com Website: www.hse.gov.uk
5	Neath Port Talbot County Borough Council - Planning Department Port Talbot Civic Centre, Port Talbot, SA13 1PJ	Telephone: 01639 763333 Fax: 01639 763444 Website: www.neath-porttalbot.gov.uk
6	City and County of Swansea - Planning Department The Guildhall, Swansea, West Glamorgan, SA1 4PE	Telephone: 01792 636000 Fax: 01792 635709
7	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
8	The Coal Authority - Mining Report Service 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
9	Countryside Council for Wales Plas Penrhose, Fford Penrhos, Bangor, Gwynedd, LL57 2LQ	Telephone: 01248 385500 Fax: 01248 355782
-	Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	Landmark Information Group Limited The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / SEPA have a charging policy in place for enquiries.

Envirocheck[®] Report:

BGS Boreholes Datasheet

Order Details:

Order Number:

32433245_1_1

Customer Reference:

996 EPS

National Grid Reference:

268070, 192650

Slice:

A

Site Area (Ha):

0.5

Borehole Search Buffer (m):

1000

Site Details:

Site at

Swansea/Abertawe

Swansea

Client Details:

Mr A Jones

Geotechnology

Ty Coed

5 Cefn-Yr-Allt

Aberdulais

Neath

SA10 8HE

Prepared For:

EPS Ltd

Swansea

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
BGS Boreholes	pg 1	None	5	47	90

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.

For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Report Version v47.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	BGS Boreholes BGS Reference: Ss69se50 Drilled Length (m): 76.5 Borehole Name: Tir John North To Dock Area Swansea 39	A13SE (SE)	217	7	268310 192540
97	BGS Boreholes BGS Reference: Ss69se424 Drilled Length (m): 55.85 Borehole Name: Swansea Power Station, Trial No 16	A13NE (E)	236	7	268340 192740
97	BGS Boreholes BGS Reference: Ss69se428 Drilled Length (m): 43.69 Borehole Name: Swansea Power Station, Trial No 49	A13NE (NE)	250	7	268340 192780
97	BGS Boreholes BGS Reference: Ss69se49 Drilled Length (m): 101.8 Borehole Name: Tir John North To Dock Area Swansea 38	A13NE (E)	252	7	268350 192760
97	BGS Boreholes BGS Reference: Ss69se190 Drilled Length (m): 76.5 Borehole Name: Swansea Power Station Tb 38	A13NE (NE)	259	7	268350 192780
97	BGS Boreholes BGS Reference: Ss69se165 Drilled Length (m): 55.78 Borehole Name: Swansea Power Station Tb 12	A13NE (NE)	280	7	268360 192810
98	BGS Boreholes BGS Reference: Ss69se425 Drilled Length (m): 53.82 Borehole Name: Swansea Power Station, Trial No 17	A13NE (NE)	236	7	268290 192840
98	BGS Boreholes BGS Reference: Ss69se169 Drilled Length (m): 55.78 Borehole Name: Swansea Power Station Tb 16	A13NE (NE)	263	7	268300 192870
99	BGS Boreholes BGS Reference: Ss69se167 Drilled Length (m): 47.24 Borehole Name: Swansea Power Station Tb 14	A13SE (E)	248	7	268370 192650
100	BGS Boreholes BGS Reference: Ss69se168 Drilled Length (m): 49.68 Borehole Name: Swansea Power Station Tb 15	A13SE (E)	257	7	268370 192580
101	BGS Boreholes BGS Reference: Ss69se166 Drilled Length (m): 55.17 Borehole Name: Swansea Power Station Tb 13	A13NE (E)	260	7	268370 192730
102	BGS Boreholes BGS Reference: Ss69se191 Drilled Length (m): 37.19 Borehole Name: Swansea Power Station Tb 39	A13SE (E)	293	7	268390 192530
103	BGS Boreholes BGS Reference: Ss69se170 Drilled Length (m): 53.64 Borehole Name: Swansea Power Station Tb 17	A13NE (NE)	300	7	268260 192950
104	BGS Boreholes BGS Reference: Ss69se3 Drilled Length (m): 25.6 Borehole Name: Queens Dock, Swansea. Trial Boreholes	A8NW (S)	316	7	268000 192300
105	BGS Boreholes BGS Reference: Ss69se423 Drilled Length (m): 51.37 Borehole Name: Swansea Power Station, Trial No 11	A14NW (E)	318	7	268420 192760
106	BGS Boreholes BGS Reference: Ss69se164 Drilled Length (m): 51.21 Borehole Name: Swansea Power Station Tb 11	A13NE (NE)	321	7	268360 192890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	BGS Boreholes BGS Reference: Ss69se189 Drilled Length (m): 101.8 Borehole Name: Swansea Power Station Tb 37	A13NE (NE)	354	7	268360 192940
107	BGS Boreholes BGS Reference: Ss69se171 Drilled Length (m): 45.11 Borehole Name: Swansea Power Station Tb 18	A18SE (NE)	359	7	268230 193030
107	BGS Boreholes BGS Reference: Ss69se172 Drilled Length (m): 35.97 Borehole Name: Swansea Power Station Tb 19	A18SE (N)	384	7	268220 193060
108	BGS Boreholes BGS Reference: Ss69se163 Drilled Length (m): 51.51 Borehole Name: Swansea Power Station Tb 10	A13NE (NE)	369	7	268360 192960
109	BGS Boreholes BGS Reference: Ss69se443 Drilled Length (m): 35.05 Borehole Name: Swansea Power Station, Trial No 46	A13SE (SE)	370	7	268340 192350
110	BGS Boreholes BGS Reference: Ss69se48 Drilled Length (m): 54.36 Borehole Name: Tir John North To Dock Area Swansea 37	A13NE (NE)	376	7	268370 192960
110	BGS Boreholes BGS Reference: Ss69se404 Drilled Length (m): 51.64 Borehole Name: Swansea Power Station, Trial No 10	A14NW (NE)	412	7	268420 192960
110	BGS Boreholes BGS Reference: Ss69se422 Drilled Length (m): 44.04 Borehole Name: Swansea Power Station, Trial No 9	A19SW (NE)	446	7	268430 193000
111	BGS Boreholes BGS Reference: Ss69se365 Drilled Length (m): Not Supplied Borehole Name: Alcan Access Tp 1	A13NW (NW)	383	7	267760 192950
111	BGS Boreholes BGS Reference: Ss69se366 Drilled Length (m): Not Supplied Borehole Name: Alcan Access Tp 2	A13NW (NW)	396	7	267730 192940
112	BGS Boreholes BGS Reference: Ss69se642 Drilled Length (m): 19.5 Borehole Name: Swansea 5	A18SE (N)	408	7	268200 193090
112	BGS Boreholes BGS Reference: Ss69se641 Drilled Length (m): 20 Borehole Name: Swansea 4	A18SE (N)	416	7	268230 193090
112	BGS Boreholes BGS Reference: Ss69se640 Drilled Length (m): 20 Borehole Name: Swansea 3	A18SE (N)	440	7	268210 193120
112	BGS Boreholes BGS Reference: Ss69se639 Drilled Length (m): 19.3 Borehole Name: Swansea 2	A18SE (N)	445	7	268230 193120
112	BGS Boreholes BGS Reference: Ss69se638 Drilled Length (m): 15.45 Borehole Name: Swansea 1	A18SE (N)	447	7	268200 193130
113	BGS Boreholes BGS Reference: Ss69se367 Drilled Length (m): Not Supplied Borehole Name: Alcan Access Tp 3	A12NE (NW)	411	7	267700 192930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	BGS Boreholes BGS Reference: Ss69se368 Drilled Length (m): Not Supplied Borehole Name: Alcan Access Tp 4	A12NE (NW)	428	7	267670 192920
114	BGS Boreholes BGS Reference: Ss69se173 Drilled Length (m): 35.36 Borehole Name: Swansea Power Station Tb 20	A18SE (N)	428	7	268200 193110
115	BGS Boreholes BGS Reference: Ss69se180 Drilled Length (m): 41.76 Borehole Name: Swansea Power Station Tb 27	A8NE (SE)	437	7	268370 192290
115	BGS Boreholes BGS Reference: Ss69se444 Drilled Length (m): 34.82 Borehole Name: Swansea Power Station, Trial No 47	A8NE (SE)	457	7	268360 192260
115	BGS Boreholes BGS Reference: Ss69se445 Drilled Length (m): 35.05 Borehole Name: Swansea Power Station, Trial No 48	A8NE (SE)	489	7	268390 192240
116	BGS Boreholes BGS Reference: Ss69se162 Drilled Length (m): 43.89 Borehole Name: Swansea Power Station Tb 9	A18SE (NE)	438	7	268360 193050
117	BGS Boreholes BGS Reference: Ss69se369 Drilled Length (m): Not Supplied Borehole Name: Alcan Access Tp 5	A12NE (NW)	454	7	267630 192910
117	BGS Boreholes BGS Reference: Ss69se370 Drilled Length (m): Not Supplied Borehole Name: Alcan Access Tp 6	A12NE (NW)	471	7	267610 192910
117	BGS Boreholes BGS Reference: Ss69se371 Drilled Length (m): Not Supplied Borehole Name: Alcan Access Tp 7	A12NE (NW)	488	7	267590 192910
118	BGS Boreholes BGS Reference: Ss69se47 Drilled Length (m): Not Supplied Borehole Name: Tir John North To Dock Area Swansea 36	A19SW (NE)	474	7	268440 193030
119	BGS Boreholes BGS Reference: Ss69se188 Drilled Length (m): 85.95 Borehole Name: Swansea Power Station Tb 36	A19SW (NE)	475	7	268430 193040
120	BGS Boreholes BGS Reference: Ss69se560 Drilled Length (m): 2.6 Borehole Name: Fabian Way Swansea Tp 48	A18SW (N)	477	7	267940 193140
120	BGS Boreholes BGS Reference: Ss69se554 Drilled Length (m): 2.6 Borehole Name: Fabian Way Swansea Tp 42	A18SW (N)	484	7	267980 193160
121	BGS Boreholes BGS Reference: Ss69se566 Drilled Length (m): 3.6 Borehole Name: Fabian Way Swansea Tp 56	A18SW (NW)	479	7	267780 193080
121	BGS Boreholes BGS Reference: Ss69se558 Drilled Length (m): 2.8 Borehole Name: Fabian Way Swansea Tp 46	A18SW (NW)	508	7	267740 193090
121	BGS Boreholes BGS Reference: Ss69se564 Drilled Length (m): .9 Borehole Name: Fabian Way Swansea Tp 54	A18SW (NW)	533	7	267760 193130

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	BGS Boreholes BGS Reference: Ss69se559 Drilled Length (m): 2.2 Borehole Name: Fabian Way Swansea Tp 47	A18SW (NW)	480	7	267820 193100
122	BGS Boreholes BGS Reference: Ss69se563 Drilled Length (m): 1.6 Borehole Name: Fabian Way Swansea Tp 53	A18SW (NW)	521	7	267810 193140
122	BGS Boreholes BGS Reference: Ss69se562 Drilled Length (m): 1.1 Borehole Name: Fabian Way Swansea Tp 52	A18SW (NW)	532	7	267830 193160
122	BGS Boreholes BGS Reference: Ss69se548 Drilled Length (m): 1.1 Borehole Name: Fabian Way Swansea Tp 36	A18SW (NW)	552	7	267800 193170
123	BGS Boreholes BGS Reference: Ss69se561 Drilled Length (m): 2 Borehole Name: Fabian Way Swansea Tp 49	A18SW (N)	487	7	267880 193130
124	BGS Boreholes BGS Reference: Ss69se161 Drilled Length (m): 36.58 Borehole Name: Swansea Power Station Tb 8	A18SE (NE)	492	7	268350 193120
125	BGS Boreholes BGS Reference: Ss69se553 Drilled Length (m): 2 Borehole Name: Fabian Way Swansea Tp 41	A18SW (N)	495	7	268020 193180
125	BGS Boreholes BGS Reference: Ss69se552 Drilled Length (m): 1.3 Borehole Name: Fabian Way Swansea Tp 40	A18SW (N)	528	7	268000 193210
126	BGS Boreholes BGS Reference: Ss69se406 Drilled Length (m): 86.13 Borehole Name: Swansea Power Station, Trial No 36	A19SW (NE)	500	7	268500 193000
126	BGS Boreholes BGS Reference: Ss69se591 Drilled Length (m): 54.37 Borehole Name: Swansea Power Station, Trial No 36	A19SW (NE)	500	7	268500 193000
126	BGS Boreholes BGS Reference: Ss69se405 Drilled Length (m): 83.96 Borehole Name: Swansea Power Station, Trial No 35	A19SW (NE)	535	7	268530 193020
127	BGS Boreholes BGS Reference: Ss69se174 Drilled Length (m): 30.48 Borehole Name: Swansea Power Station Tb 21	A18SE (N)	511	7	268170 193200
128	BGS Boreholes BGS Reference: Ss69se433 Drilled Length (m): 18.59 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 10	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se434 Drilled Length (m): 21.33 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 11	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se435 Drilled Length (m): 19.81 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 12	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se436 Drilled Length (m): 19.81 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 13	A8NW (S)	516	7	268000 192100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	BGS Boreholes BGS Reference: Ss69se437 Drilled Length (m): 21.33 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 14	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se438 Drilled Length (m): 19.81 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 15	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se439 Drilled Length (m): 15.08 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 16	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se440 Drilled Length (m): 17.83 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 17	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se441 Drilled Length (m): 21.12 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 18	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se442 Drilled Length (m): 25.69 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 19	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se446 Drilled Length (m): 24.38 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 2	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se447 Drilled Length (m): 18.89 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 3	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se448 Drilled Length (m): 25.9 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 4	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se449 Drilled Length (m): 18.89 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 5	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se450 Drilled Length (m): 18.89 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 6	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se451 Drilled Length (m): 18.89 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 7	A8NW (S)	516	7	268000 192100
128	BGS Boreholes BGS Reference: Ss69se452 Drilled Length (m): 25.9 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 8	A8NW (S)	516	7	268000 192100
129	BGS Boreholes BGS Reference: Ss69se453 Drilled Length (m): 9.75 Borehole Name: Anglo-Iranian Oil, Swansea Docks, Trial, No 9	A8NW (S)	516	7	268000 192100
130	BGS Boreholes BGS Reference: Ss69se510 Drilled Length (m): 11.4 Borehole Name: Fabian Way Swansea 3	A18SW (N)	519	7	267900 193170
131	BGS Boreholes BGS Reference: Ss69se557 Drilled Length (m): 2.8 Borehole Name: Fabian Way Swansea Tp 45	A17SE (NW)	528	7	267690 193080



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	BGS Boreholes BGS Reference: Ss69se565 Drilled Length (m): 2.1 Borehole Name: Fabian Way Swansea Tp 55	A17SE (NW)	549	7	267710 193120
132	BGS Boreholes BGS Reference: Ss69se509 Drilled Length (m): 14.5 Borehole Name: Fabian Way Swansea 2	A18SW (NW)	529	7	267750 193120
133	BGS Boreholes BGS Reference: Ss69se46 Drilled Length (m): 83.96 Borehole Name: Tir John North To Dock Area Swansea 35	A19SW (NE)	533	7	268450 193100
133	BGS Boreholes BGS Reference: Ss69se420 Drilled Length (m): 36.78 Borehole Name: Swansea Power Station, Trial No 8	A19SW (NE)	544	7	268430 193130
133	BGS Boreholes BGS Reference: Ss69se187 Drilled Length (m): 83.82 Borehole Name: Swansea Power Station Tb 35	A19SW (NE)	553	7	268480 193100
134	BGS Boreholes BGS Reference: Ss69se160 Drilled Length (m): 28.04 Borehole Name: Swansea Power Station Tb 7	A18SE (NE)	536	7	268350 193170
134	BGS Boreholes BGS Reference: Ss69se430 Drilled Length (m): 28.41 Borehole Name: Swansea Power Station, Trial No 6	A18SE (NE)	581	7	268390 193200
135	BGS Boreholes BGS Reference: Ss69se372 Drilled Length (m): Not Supplied Borehole Name: Alcan Access Tp 8	A12NE (NW)	536	7	267540 192920
135	BGS Boreholes BGS Reference: Ss69se373 Drilled Length (m): Not Supplied Borehole Name: Alcan Access Tp 9	A12NE (NW)	545	7	267530 192920
136	BGS Boreholes BGS Reference: Ss69se432 Drilled Length (m): 28.04 Borehole Name: Swansea Power Station, Trial No 7	A19SW (NE)	541	7	268410 193140
137	BGS Boreholes BGS Reference: Ss69se551 Drilled Length (m): 1.2 Borehole Name: Fabian Way Swansea Tp 39	A18SW (N)	543	7	267940 193210
137	BGS Boreholes BGS Reference: Ss69se550 Drilled Length (m): 1 Borehole Name: Fabian Way Swansea Tp 38	A18SW (N)	560	7	267890 193210
138	BGS Boreholes BGS Reference: Ss69se175 Drilled Length (m): 26.77 Borehole Name: Swansea Power Station Tb 22	A18SE (N)	549	7	268150 193240
139	BGS Boreholes BGS Reference: Ss69se556 Drilled Length (m): 2.8 Borehole Name: Fabian Way Swansea Tp 44	A17SE (NW)	559	7	267630 193070
139	BGS Boreholes BGS Reference: Ss69se545 Drilled Length (m): 2.5 Borehole Name: Fabian Way Swansea Tp 33	A17SE (NW)	589	7	267630 193110
139	BGS Boreholes BGS Reference: Ss69se555 Drilled Length (m): 2.6 Borehole Name: Fabian Way Swansea Tp 43	A17SE (NW)	594	7	267590 193080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	BGS Boreholes BGS Reference: Ss69se544 Drilled Length (m): 2.3 Borehole Name: Fabian Way Swansea Tp 32a	A17SE (NW)	615	7	267580 193100
139	BGS Boreholes BGS Reference: Ss69se543 Drilled Length (m): .8 Borehole Name: Fabian Way Swansea Tp 32	A17SE (NW)	622	7	267570 193100
140	BGS Boreholes BGS Reference: Ss69se508 Drilled Length (m): 18.5 Borehole Name: Fabian Way Swansea 1	A17SE (NW)	566	7	267630 193080
141	BGS Boreholes BGS Reference: Ss69se549 Drilled Length (m): .85 Borehole Name: Fabian Way Swansea Tp 37	A18SW (N)	567	7	267840 193200
142	BGS Boreholes BGS Reference: Ss69se547 Drilled Length (m): .5 Borehole Name: Fabian Way Swansea Tp 35	A18SW (NW)	569	7	267740 193160
143	BGS Boreholes BGS Reference: Ss69se159 Drilled Length (m): 28.35 Borehole Name: Swansea Power Station Tb 6	A18SE (NE)	581	7	268350 193220
143	BGS Boreholes BGS Reference: Ss69se158 Drilled Length (m): 26.21 Borehole Name: Swansea Power Station Tb 5	A18SE (NE)	617	7	268350 193260
143	BGS Boreholes BGS Reference: Ss69se157 Drilled Length (m): 25.6 Borehole Name: Swansea Power Station Tb 4	A18SE (NE)	654	7	268350 193300
144	BGS Boreholes BGS Reference: Ss69se546 Drilled Length (m): 1.3 Borehole Name: Fabian Way Swansea Tp 34	A17SE (NW)	583	7	267680 193140
145	BGS Boreholes BGS Reference: Ss69se45 Drilled Length (m): 30.88 Borehole Name: Tir John North To Dock Area Swansea 34	A19SW (NE)	586	7	268460 193160
145	BGS Boreholes BGS Reference: Ss69se186 Drilled Length (m): 30.78 Borehole Name: Swansea Power Station Tb 34	A19SW (NE)	603	7	268500 193150
146	BGS Boreholes BGS Reference: Ss69se19 Drilled Length (m): 26.18 Borehole Name: Kings Dock Junc. E. Side Approach Rd, Swansea 4	A19SW (NE)	596	7	268550 193090
147	BGS Boreholes BGS Reference: Ss69se176 Drilled Length (m): 24.99 Borehole Name: Swansea Power Station Tb 23	A18SE (N)	618	7	268130 193310
148	BGS Boreholes BGS Reference: Ss69se179 Drilled Length (m): 24.38 Borehole Name: Swansea Power Station Tb 26	A18SE (N)	619	7	268270 193290
149	BGS Boreholes BGS Reference: Ss69se21 Drilled Length (m): 12.19 Borehole Name: Kings Dock Junc. E. Side Approach Rd, Swansea 6	A19SW (NE)	624	7	268570 193110
149	BGS Boreholes BGS Reference: Ss69se20 Drilled Length (m): 12.77 Borehole Name: Kings Dock Junc. E. Side Approach Rd, Swansea 5	A19SW (NE)	654	7	268610 193110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	BGS Boreholes BGS Reference: Ss69se18 Drilled Length (m): 26.79 Borehole Name: Kings Dock Junc. E. Side Approach Rd, Swansea 3	A19SW (NE)	626	7	268620 193050
151	BGS Boreholes BGS Reference: Ss69se178 Drilled Length (m): 25.91 Borehole Name: Swansea Power Station Tb 25	A18SE (N)	631	7	268180 193320
151	BGS Boreholes BGS Reference: Ss69se177 Drilled Length (m): 24.69 Borehole Name: Swansea Power Station Tb 24	A18NE (N)	669	7	268160 193360
152	BGS Boreholes BGS Reference: Ss69se403 Drilled Length (m): 30.89 Borehole Name: Swansea Power Station, Trial No 34	A19SW (NE)	644	7	268570 193140
153	BGS Boreholes BGS Reference: Ss69se542 Drilled Length (m): 4.3 Borehole Name: Fabian Way Swansea Tp 31	A17SE (NW)	662	7	267490 193070
154	BGS Boreholes BGS Reference: Ss69se541 Drilled Length (m): 2.8 Borehole Name: Fabian Way Swansea Tp 30	A17SE (NW)	674	7	267440 193020
155	BGS Boreholes BGS Reference: Ss69se185 Drilled Length (m): 85.65 Borehole Name: Swansea Power Station Tb 33	A19SW (NE)	683	7	268540 193220
156	BGS Boreholes BGS Reference: Ss69se156 Drilled Length (m): 28.04 Borehole Name: Swansea Power Station Tb 3	A18NE (N)	688	7	268340 193340
157	BGS Boreholes BGS Reference: Ss69se44 Drilled Length (m): 85.64 Borehole Name: Tir John North To Dock Area Swansea 33	A19SW (NE)	708	7	268590 193210
157	BGS Boreholes BGS Reference: Ss69se421 Drilled Length (m): 85.65 Borehole Name: Swansea Power Station, Trial No 33	A19SW (NE)	758	7	268630 193240
158	BGS Boreholes BGS Reference: Ss69se138 Drilled Length (m): 30 Borehole Name: Swansea Bay Bw1 Scheme 15s	A14NE (E)	725	7	268805 192895
159	BGS Boreholes BGS Reference: Ss69se155 Drilled Length (m): 20.42 Borehole Name: Swansea Power Station Tb 2	A18NE (N)	745	7	268340 193400
160	BGS Boreholes BGS Reference: Ss69se184 Drilled Length (m): 83.82 Borehole Name: Swansea Power Station Tb 31	A19SW (NE)	776	7	268590 193300
160	BGS Boreholes BGS Reference: Ss69se43 Drilled Length (m): 83.91 Borehole Name: Tir John North To Dock Area Swansea 31	A19NW (NE)	819	7	268620 193330
161	BGS Boreholes BGS Reference: Ss69se540 Drilled Length (m): 3.8 Borehole Name: Fabian Way Swansea Tp 29	A17SW (NW)	792	7	267320 193050
162	BGS Boreholes BGS Reference: Ss69se154 Drilled Length (m): 12.5 Borehole Name: Swansea Power Station Tb 1	A18NE (N)	802	7	268340 193460

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
163	BGS Boreholes BGS Reference: Ss69se139 Drilled Length (m): 30 Borehole Name: Swansea Bay Bw1 Scheme 16s	A14NE (E)	804	7	268885 192905
164	BGS Boreholes BGS Reference: Ss69se75 Drilled Length (m): 10.66 Borehole Name: Swansea (Port Tennant 1)	A18NE (N)	813	7	268200 193500
165	BGS Boreholes BGS Reference: Ss69se183 Drilled Length (m): 45.42 Borehole Name: Swansea Power Station Tb 30	A19NW (NE)	840	7	268630 193350
165	BGS Boreholes BGS Reference: Ss69se42 Drilled Length (m): 45.56 Borehole Name: Tir John North To Dock Area Swansea 30	A19NW (NE)	883	7	268660 193380
166	BGS Boreholes BGS Reference: Ss69se295 Drilled Length (m): 6.09 Borehole Name: Swansea Harbour East Docks 4	A12NW (W)	848	7	267179 192834
167	BGS Boreholes BGS Reference: Ss69se539 Drilled Length (m): 2.7 Borehole Name: Fabian Way Swansea Tp 28	A17SW (NW)	853	7	267250 193050
168	BGS Boreholes BGS Reference: Ss69se140 Drilled Length (m): 30 Borehole Name: Swansea Bay Bw1 Scheme 17s	A14NE (E)	892	7	268975 192910
169	BGS Boreholes BGS Reference: Ss69se296 Drilled Length (m): 10.97 Borehole Name: Swansea Harbour East Docks 5	A12NW (W)	896	7	267128 192827
170	BGS Boreholes BGS Reference: Ss69se538 Drilled Length (m): 2.3 Borehole Name: Fabian Way Swansea Tp 27	A17SW (NW)	925	7	267180 193070
170	BGS Boreholes BGS Reference: Ss69se531 Drilled Length (m): 3.7 Borehole Name: Fabian Way Swansea Tp 20	A17SW (NW)	970	7	267130 193070
171	BGS Boreholes BGS Reference: Ss69se182 Drilled Length (m): 14.63 Borehole Name: Swansea Power Station Tb 29	A19NW (NE)	936	7	268670 193440
171	BGS Boreholes BGS Reference: Ss69se41 Drilled Length (m): 14.73 Borehole Name: Tir John North To Dock Area Swansea 29	A19NW (NE)	940	7	268650 193460
172	BGS Boreholes BGS Reference: Ss69se431 Drilled Length (m): 45.57 Borehole Name: Swansea Power Station, Trial No 30	A19NW (NE)	954	7	268700 193440
173	BGS Boreholes BGS Reference: Ss69se141 Drilled Length (m): 30 Borehole Name: Swansea Bay Bw1 Scheme 18s	A14NE (E)	971	7	269055 192920

BGS Boreholes	Version	Update Cycle
BGS Boreholes British Geological Survey - National Geoscience Information Service	August 2010	Quarterly

Contact Details	Contact Logo
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- Landmark Information Group Limited The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk	 LANDMARK[®] Information Group



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