

First World War Scoping Study



Penally practice trenches under construction, image courtesy of Roger JC Thomas



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First World War Scoping Study

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SUMMARY

With the centenary of the outbreak of the First World War approaching a scoping exercise has been carried out to look at the potential for an archaeological project investigating the First World War. A two part study has been undertaken; a rapid assessment of the archaeological impact on the county of Pembrokeshire, and a consultation exercise to see if there is public support or interest in developing such a project. The results of this scoping project suggest that the archaeological impact of the war is significant, though under-represented in the archaeological record. Public support has been demonstrated through a public meeting in which special interest groups, community groups and individuals expressed support, ideas and enthusiasm. Recommendations for an archaeological project based on the First World War are proposed.

INTRODUCTION

2014 is the centenary of the outbreak of the First World War. This will be commemorated in a variety of ways by different organisations, groups and individuals. However, apart from war memorials, the physical remains of the preparation for war, the war itself and its aftermath are little studied, particularly in comparison with those of the Second World War.

Nearly one hundred years on, the generation that witnessed these events has gone and there is no longer the opportunity to collect oral testimony of the changes that took place, and it is now important to look at the physical remains before they are lost and unrecognised. On the home front the impact of the war was huge, not only mass recruitment of men but an adaptation of existing industries and the creation of new ones, and changes in agricultural and forestry practices. These all had an impact on the fabric of the landscape. The built environment also was affected with a range of buildings and structures built or converted both for military use and for the civilian war effort.

PROJECT AIMS AND OBJECTIVES

This scoping study seeks to assess the viability of carrying out a community project in which the archaeological impact of the First World War, including the physical remains of mass military mobilization, and the response of the Home Front to the conflict, can be researched, identified and recorded. Information learnt from this proposed project will increase a greater sense of awareness of the war in local communities and the results will feed in to the regional Historic Environment Record and used to inform their future management. The focus for the project lies on Pembrokeshire.

The aims can be summarised as;

- A rapid appraisal of information relating to the First World War within the HER
- A rapid assessment of sites which relate to the First World War within Pembrokeshire
- Consultation with communities and local groups to gauge the enthusiasm and desire for a community project on the First World War

It is not proposed to provide a full gazetteer of all the structures and buildings in the study area, but an analysis of the types of buildings and structures that may have been constructed, reused and erected.

METHODOLOGY

The methodology of the project took a two part approach, in the first instance an assessment took place of the archaeological knowledge of the First World War, in the second part a community consultation exercise was undertaken in which to gauge the interest of different community groups and individuals and to assess any projects and ideas which are being discussed locally.

Archaeological Desk-based Assessment

The assessment of the current knowledge of the archaeological resource of the period dating to the First World War was carried out within the Historic Environment Record held by the Dyfed Archaeological Trust, including searches of the digital and paper record. A key source is the assessment by Roger J C Thomas 'Survey of 19th and 20th Century Military Buildings of Pembrokeshire' carried out in 1993. Other secondary sources and local library holdings have been searched for local histories.

The Pembrokeshire Record Office was searched online and sources are included in the appendices, however the office and local studies library were closed due to a process of relocation during the project.

Coflein, the Royal Commission on Ancient and Historical Monuments for Wales, online database of archaeological information was also assessed for sites dating to the period of the First World War.

In the light of Roger Thomas's expertise in the military heritage of Pembrokeshire a meeting took place in order to discuss key sites and Roger was able to share further information he has accessed and acquired since his initial study of 1993, including sources from The National Archives.

In order to assess the physical remains of the features identified from documentary sources a small exercise in ground-truthing was also undertaken. Locations of structures and features relating to military activity during the First World War were identified and recorded photographically.

Community Consultation

A key organisation in developing community engagement in Pembrokeshire is PLANED (Pembrokeshire Local Action Network for Enterprise and Development).

PLANED is an organisation which works throughout Pembrokeshire, building on a community led approach to rural development in which communities, public sector, voluntary partners and special interest groups come together to undertake locally integrated development. A number of very successful community heritage projects have come about through a partnership between DAT and PLANED.

A meeting with PLANED's Kate Lindley, project co-ordinator with their military heritage project, and Keith Johnson, part of the Military Heritage group, was set up in which support for the scoping project was given. A joint venture to organise a community open meeting in which PLANED's contacts were invited and a general publicity campaign was launched (Appendix A). Various media were employed to publicise the event, including the local press; Pembrokeshire Life magazine, the Western Telegraph, Tenby Observer, PLANED's newsletters and digital contacts list, DAT's email contacts list and social media including DAT's Facebook and Twitter accounts.

RESULTS

Archaeological Desk-based Assessment

An initial enquiry of the Historic Environment Record (HER) shows the difficulty of identifying sites which relate to the period of the First World War. There is a field within the HER in which to enter a specific date; however this is not a mandatory field and many older records do not have this filled in. Within the mandatory 'PERIOD' field 'Modern' can be selected and further enquiry of the HER is through the free text search within the 'Summary' field. Investigation of this searching for dates (1914-1918) and terms; 'WW1' 'First World War' returned 30 sites within Pembrokeshire. A full list is in Appendix B and a map of their distribution given below (Fig. 1). No additional sites dating to the First World War were identified on Coflein.

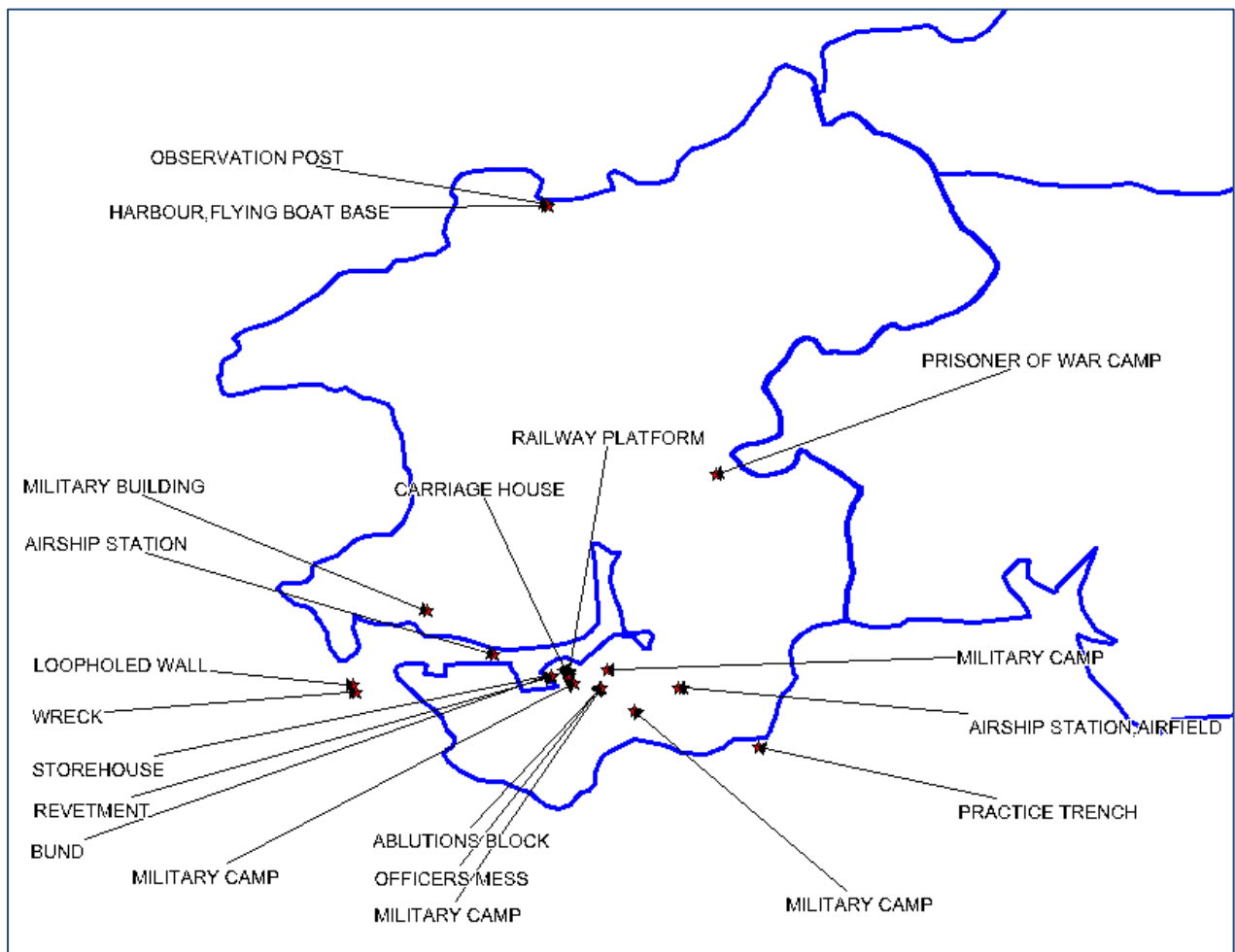


Figure 1: Map showing distribution of HER points relating to First World War sites and structures

Many of these sites derive from Roger J C Thomas's survey of Military Buildings of Pembrokeshire of 1993 which has been incompletely transferred into the HER. Search of the database of R J C Thomas revealed 50 sites in total dating to this period of which 27 have been allocated Primary Reference Numbers (PRNs) and incorporated into the HER. As can be seen from the distribution map (Fig. 2) the majority of these sites lie in south Pembrokeshire and in particular around the Milford Haven Waterway at Llanion Barracks and Pembroke Dock. For a full list see Appendix C.

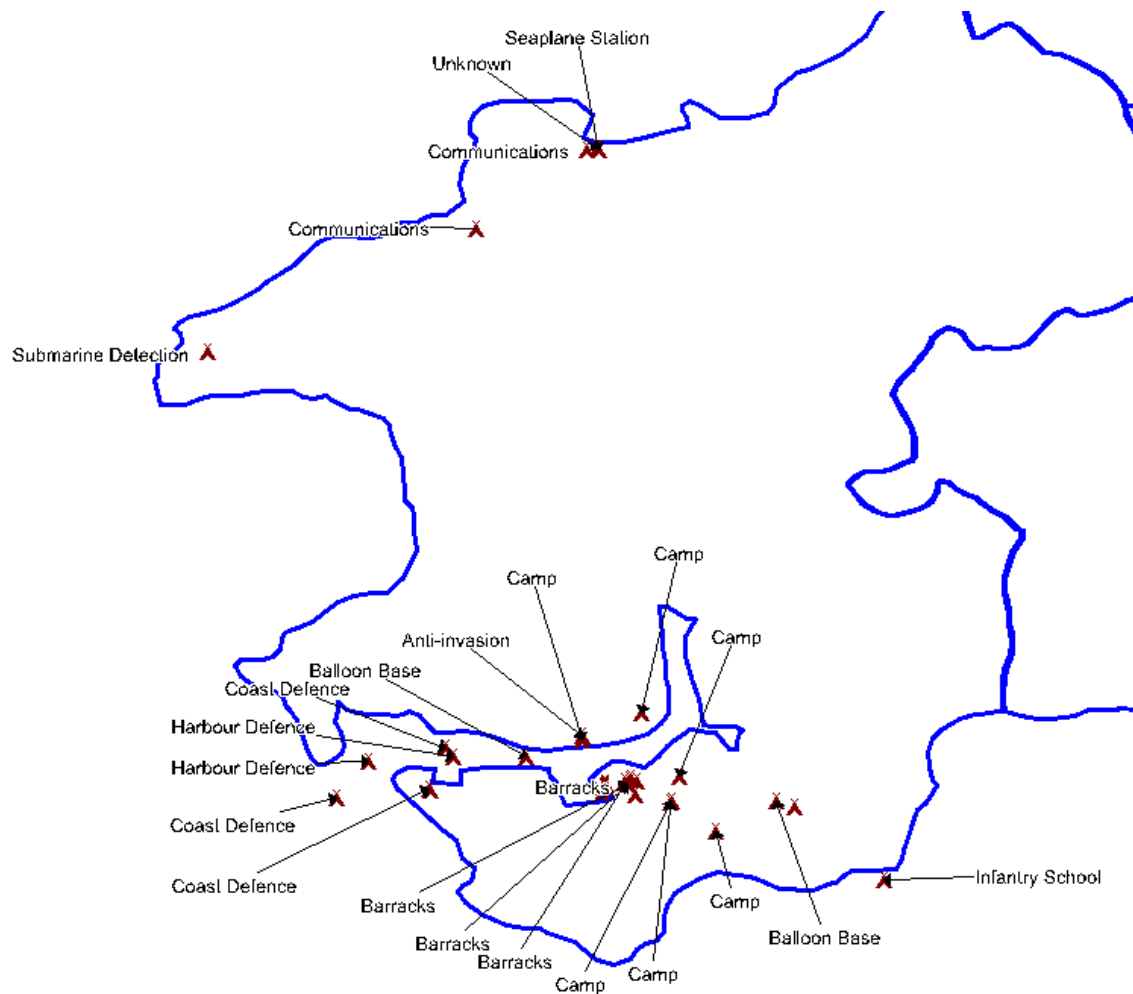


Figure 2: Map showing distribution of First World War sites in Roger Thomas's survey of 1993.

Each site has been allocated to the following categories:

CATEGORY

- Anti-invasion
- Balloon Base
- Barracks
- Camp
- Coast Defence
- Communications
- Dockyard
- Harbour Defence
- Infantry School
- Seaplane Station
- Submarine Detection
- Unknown

Further information supplied by Roger Thomas has shown that the National Archives at Kew have a series of maps dated 1916 which show a circle of defences surrounding the Royal Dockyard at Pembroke Dock which encompassed both the north and south sides of the Haven.

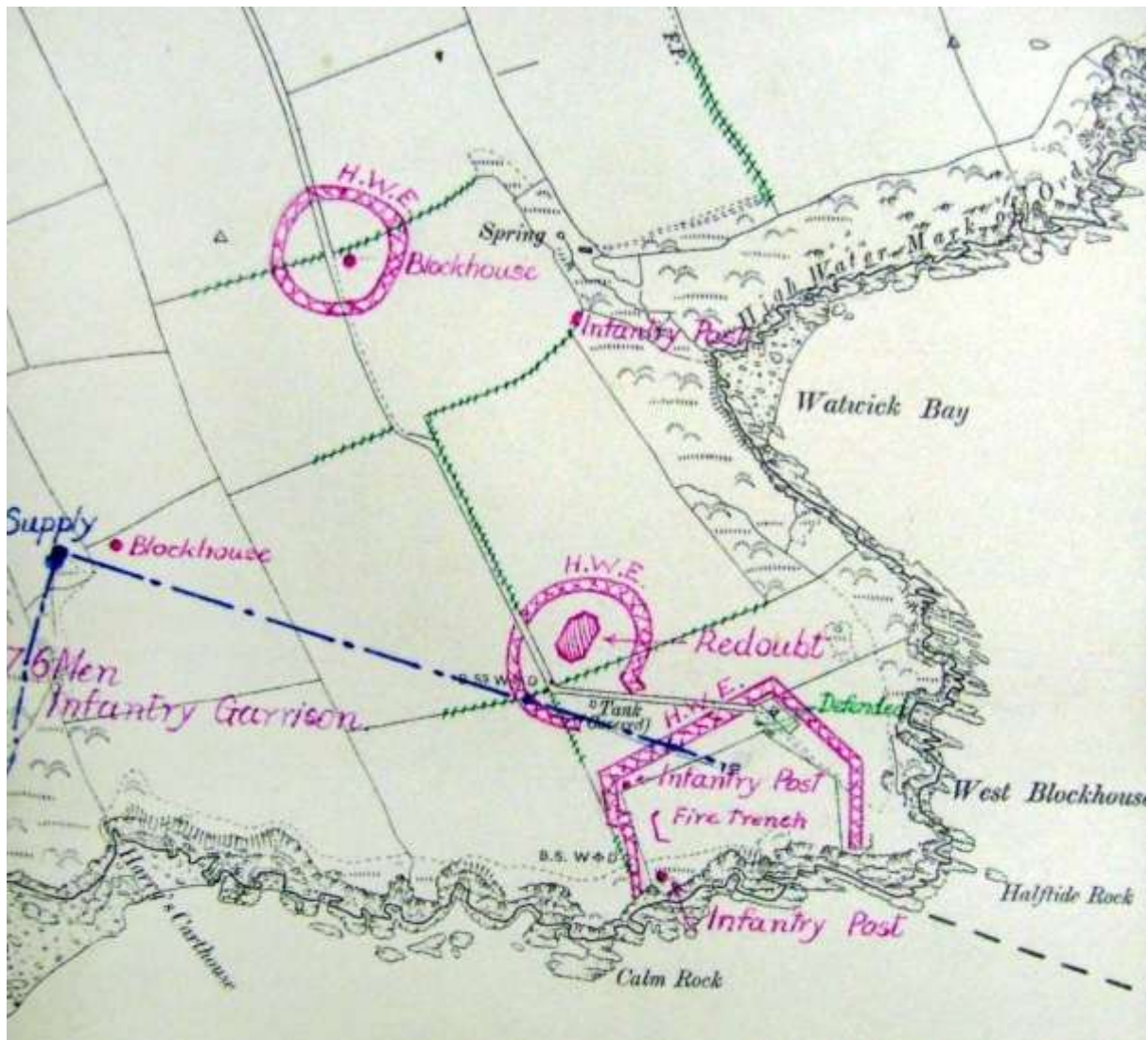


Figure 3: Extract from map at The National Archives WO78/4399. Dated 18th January 1916. Red - constructed, green is proposed or works in progress

These maps indicate a vast range of defensive works including redoubts, high and low wire entanglements identified as 'HWE' and 'LWE', 'Blockhouses' infantry posts, fire trenches, and camps. In addition areas where each battalion was deployed and billeted are identified. These were clearly not practice trenches or training grounds but real defences which in January 1916 were in a process of construction and completion.

The list of sites identified capture a range of military activities going on in Pembrokeshire in preparation to and during the First World War. An air station flying seaplanes operated out of Fishguard and two Balloon Stations, one at Milford Haven and one at RNAS Milton (Fig. 4), which latterly became RAF Carew Cheriton in the Second World War, were undertaking submarine patrols. Submarine listening stations have been identified on the coast at St David's Head and Strumble Head.



Figure 4: Carved stone from RNAS Milton Air Balloon Station

Sites identified range from training and practice with camps established in various locations such that at Penally and those which were manning the defensive works around the Royal Dockyard. Some were newly established temporary hutted camps such as at Hearson and Windsor Farm and some reused pre-existing military installations, such as Scoveston Fort and Llanion Barracks. Clearly the Royal Dockyard and the Milford Haven Waterway were of key importance which required defending both from the land and the sea. For example, Chapel Bay fort and, South Hook fort which were both pre-existing sites, required defending from their landward sides, which entailed the construction of trenchworks and defensive strongpoints.

War memorials are perhaps the most obvious physical reminder of the First World War and are found in almost every village. There are none recorded in Pembrokeshire on the Historic Environment Record and only three recorded on Coflein. This does not reflect the level of interest or local knowledge about memorials, however, and Pembrokeshire benefits from an astounding study of memorials and the individual stories behind each name listed which is publicly accessible on the website; <http://www.pembrokeshire-war-memorial.co.uk/> . Memorial halls are also a feature of Pembrokeshire, which again are not recorded within the Historic Environment Record or Coflein.



Figure 5: Pembroke Dock War Memorial, The Great War 1914-1918 thanks to www.pembrokeshire-war-memorial.co.uk

Ground Truthing

In order to assess the survival of some of the sites identified as part of the assessment and shown on the War Office map, an extract of which is shown in Figure 6, a site visit was undertaken to some of the defence line in the area around Llangwm on the north side of the Haven.

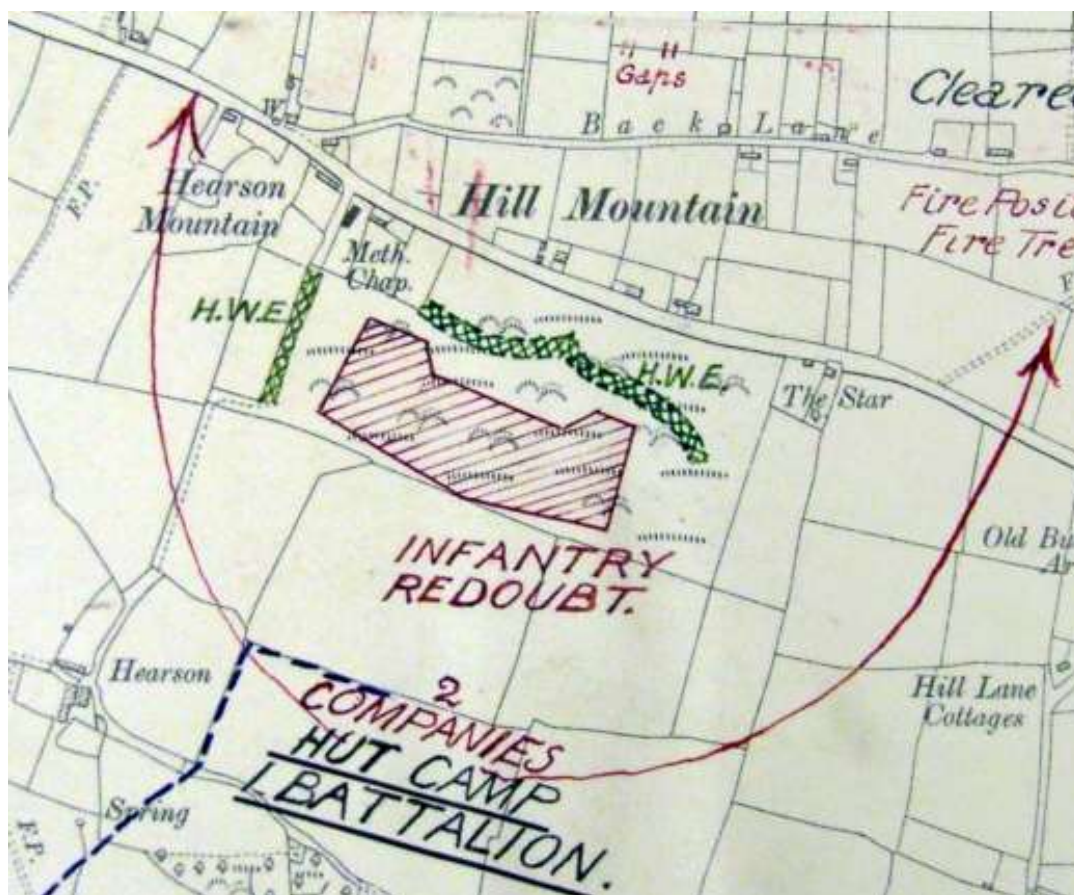


Figure 6: A site visit to the Infantry Redoubt and hut camp for 1 Battalion was undertaken

The War Office map of 1916 shows an infantry redoubt, shaded in red, indicating it was constructed, and High Wire Entanglements and the location of a Hut Camp at Hearson Farm.



Figure 7: Ed Davies examining some of the broken up hut bases which formed part of the camp at Hearson Farm Pembrokeshire



Figure 8: A 'Camp Coffee' bottle, a typical find for a First World War Camp.

No *in situ* remains were observed in these locations, however evidence of the hut camp was suggested in the southern perimeter of the field, where a large volume of concrete debris, brick, barbed wire and piping was observed. In addition artefactual material such as a glass bottle of "Camp" Coffee and Chicory lay amongst the debris.

The location of 'Fire Trenches' near Sardis village were also visited, and although overgrown, it seems likely that the location of the trenches are marked by self-seeded trees. Beyond the trenches, at the site of former hedgerows, the field boundaries were post and rail with an immature hedge. These findings suggest there is merit in further investigation.



Figure 9: A section of 'fire trench' located adjacent to along the roadside at Sardis and appears to be defined by a line of self-seeded ash trees.

Further information supplied by Roger Thomas includes a number of contemporary photographs of camps (Figs 10 and 11: Penally) and the construction of practice trenches at Yeomanry Field, Tenby, (see front cover photograph).



Figure 10: Penally Camp

Image provided by Roger JC Thomas.

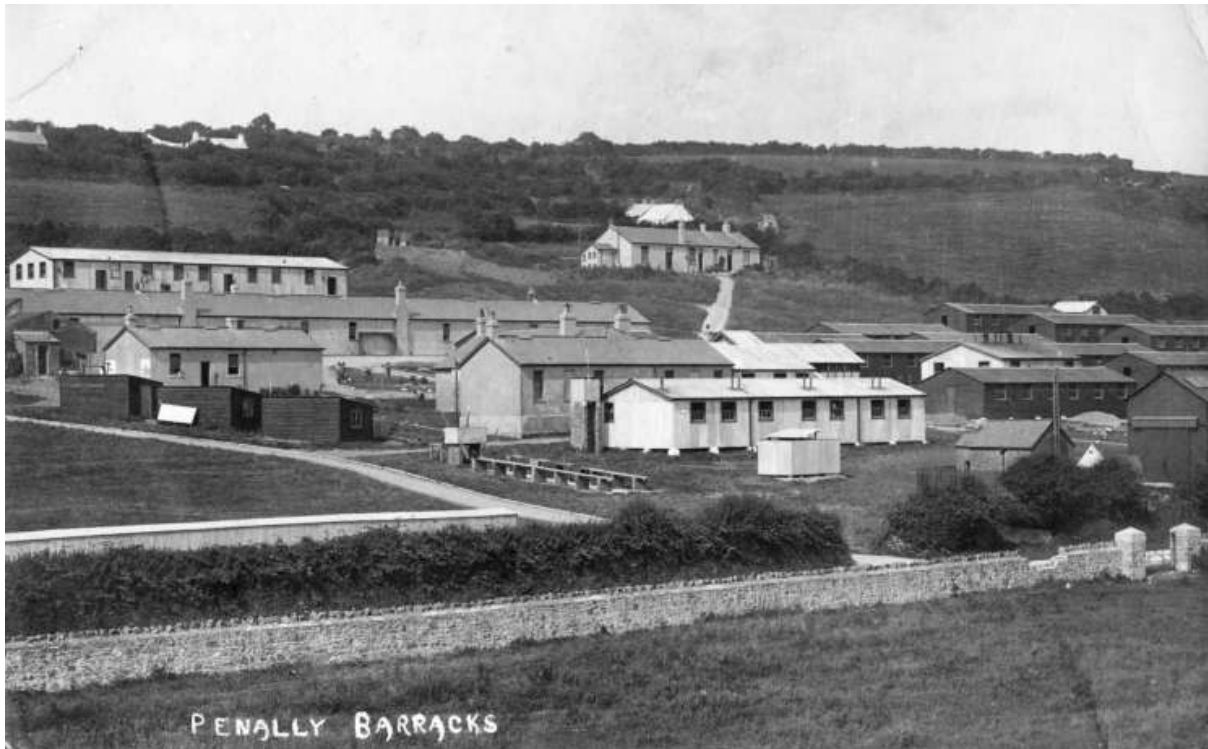


Figure 11: Penally Barracks

Image provided by Roger JC Thomas.

In addition to the defensive line there are a number of other structures identified which relate to construction during the war, including reused First World War huts, such as that which is now Hundleton Reading Room.



Figure 12: Hundleton Parish Reading Room, First World War hut (not in situ) Image provided by Roger J C Thomas.

Community Consultation

An open meeting was advertised and held at the Picton Centre in Haverfordwest. Advertising through DAT and PLANED ensured that a wide range of people were reached (See Appendix A). A guest speaker, Charles Griffiths, a military historian and former archivist gave a talk about the First World War. Nearly 60 people attended with apologies from others who wished to be kept informed of future developments regarding a future First World War project. Attendance lists were collected with representatives from various community history groups including the following:

Penally History Group
Templeton History Group
Narberth Museum
Pembroke and Monkton History Society
West Wales Maritime Heritage Society
University of Trinity St David, Lampeter
Pembrokeshire Historic Society
Croesgoch Heritage
Lamphey History Society
County History Society (Pembrokeshire)
Fishguard Historical Society
Sunderland Trust, Pembroke Dock
Pembroke Dock Bicentenary Group
Welsh Spitfire Museum
Coastlands Local History Group

Feedback forms were circulated to capture people's interest in the First World War and to highlight what projects or events people might be developing themselves. PLANED's aim from the meeting was to help groups co-ordinate and publicise their own plans for events.

The feedback forms demonstrated a keen desire amongst individuals and groups to find ways of commemorating the First World War and some of the comments have been summarised below:

- An interest in providing information panels for Penally practise trenches (Penally History Group)
- Excavation and conservation of Penally practise trenches (Penally History Group)
- Involving schools in the discovery of those who went to fight in the First World War, and returned and are therefore not listed on local war memorials (Croesgoch Heritage)
- Maritime history of the haven (West Wales Maritime Heritage Society)

The feedback forms offered people an opportunity to state if they would like to become involved in a project and if so they could identify if they wished to be involved in desk-based/documentary research, excavations, field survey, exhibitions or all.

Twenty-two feedback forms were returned on which 17 individuals indicated they were interested in getting involved in an archaeological project investigating the First World War (only one had ticked 'No', the rest were unmarked). In addition people expressed a preference in what type of activity they would like to be involved with:

- 6 Desk-based/documentary research
- 1 Exhibitions
- 2 Field survey
- 2 Excavation
- 7 All

CONCLUSIONS

The subject area for the First World War is vast and in this rapid assessment it has been noted that this pivotal global event is little understood and represented within the archaeological literature. This may be due to its perception as 'modern'. However now that the generation that witnessed it has largely gone what remains is now the preserve of the archaeological and historical record. There are vast reserves of pictorial and documentary evidence, and much is now being captured digitally through the 'The Welsh Experience of World War One' by the National Library of Wales, archives and special collections.

There has been little systematic investigation of the archaeological evidence of the First World War within Pembrokeshire. One archaeological study of the Penally Practise Trenches conducted by Wessex Archaeology exists within the HER (2004). The study by Roger Thomas from 1993 is now twenty years old and is still a ground breaking piece of work in identifying a rich military history in Pembrokeshire. Although Roger undertook numerous site visits, in the intervening years many of these have been lost, some further sites have come to light and some have never received a site visit. The unearthing of military maps in the National Archive throws up a whole range of potential sites that were largely unknown by the archaeological community and by the community at large. Fieldwork has shown that there may not be above ground remains which are visible, but that subsurface archaeology may survive, and it is possible that archaeological prospection such as metal detecting, geophysics, or fieldwalking, might pick up archaeological remains.

Other aspects of the archaeological record relating to the First World War could not be identified in this scoping project, though it is known for instance that Welsh mills (Drefach Felindre) produced cloth for military uniforms. Forestry and agriculture may also have been influential in the archaeological record though we have no knowledge currently of how this is represented in the historic environment. In addition, buildings which were requisitioned or brought into military use include hospitals of which the Military Hospital in Pembroke Dock and Cottessmoor Hospital in Haverfordwest are listed as Auxiliary Hospitals, and received service men from central units after disembarkation.

Recommendations:

This initial scoping project has identified a number of key points with regard to research carried out within Pembrokeshire.

- There are a great number of enthusiastic community history and heritage groups who have experience of carrying out valuable primary research particularly into the military history of the area.
- That the First World War is a subject which generates a great deal of personal interest, most individuals have a story relating to either family experience or knowledge of the local area and many individuals are carrying out significant areas of research (war memorials in particular)
- The First World War is a subject not well understood within the archaeological record, nor well recognised in its significance, (it is not known currently how many war memorials are listed) though the Penally practise trenches have been designated as a Scheduled Ancient Monument.
- Other non-military areas on the home front are also not well understood, hospitals, drill halls, agricultural practices, forestry etc.

The feedback received from the scoping project has identified that those that who responded were largely interested in all aspects of archaeological work, including documentary research, fieldwork, excavation, exhibitions and events.

DAT has had past experience of working with communities on archaeological fieldwork projects and also long running investigations, such as Exploration Tywi! the investigation of the archaeology and history of the Tywi valley. A similar format could be developed for the First World War project in which DAT can help communities to engage at all levels on an investigation of the First World War. Such a project could help develop an understanding of how this global event impacted on people's local area and what contribution was made to the war effort. Suggestions of the kind of activities which could be organised are:

Documentary research

- Develop a tool-kit for local communities to first investigate their area through documentary research,
- Workshops - opportunities for sharing research methods.

Fieldwork

- Non-intrusive – ground truthing (field survey and recording), topographic survey, LiDAR, geophysics,
- Intrusive fieldwork – fieldwalking, metal detecting, excavation

Dissemination

- Talks, exhibitions, events
- Enhanced knowledge and information in the public domain – information deposited within HER, NMR, Archives, Museums etc
- Booklet, information boards, leaflets, websites, apps, etc could be developed for all ages etc.

Key to the success of such a project would be to work in partnership with other organisations or special interest groups, and to share information and knowledge which will lead to greater understanding. Throughout the duration of the project it has become apparent that there is a groundswell of interest in the First World War, with projects being proposed from a variety of sources, including countrywide projects (Glass 2012, Legacy of the Home Front) to individual community and history groups. Often the war is thought of as something that happened elsewhere and little seems to be known about the home front, particularly in comparison to the Second World War. Clearly massive undertakings of a defensive and military nature were being carried out in Pembrokeshire. An archaeological project offers an opportunity for people to gain an understanding of not only what impact the war had on their area but also of what contribution was made by their own local community.



Figure 13: Camp Ablutions Image provided by Roger JC Thomas.

REFERENCES

Glass, E 2012 *The Home Front (1914-1918) and its Legacies* The Pilot Study for a national public archaeology recording project of First World war legacies in Britain: 2014-18' Project 6113

War Office 1916. *Notes for Infantry Officers on Trench Warfare* Naval & Military Press

Wessex Archaeology 2004 *Penally Training Area, ATE Pembroke Archaeological Desk-based Assessment and Condition Survey* Ref: 53268.02

Acknowledgements

There have been many people who have contributed time and knowledge to help inform this project including, Roger JC Thomas (English Heritage), Kate Lindley and Bethany Lloyd of PLANED, Keith Johnson (Pembrokeshire Life), Charles Griffith (former Dyfed Powy Police Archivist) and colleagues at DAT, in particular Ken Murphy and Sarah Rees. I'm especially thankful of the support of Ed Davies who in particular helped organise and run the community consultation and the event at the Picton Centre, Haverfordwest.

APPENDICES

Appendix A

Article in Pembrokeshire Life, January 2013

Discovering and investigating the Great War in Pembrokeshire - Your chance to get involved in exploring the impact of the Great War on Pembrokeshire's people and landscape

2014 will see the centenary of the outbreak of the First World War. Key events relating to the conflict will be remembered and commemorated in a variety of ways. War memorials are an excellent source for the historian and have been subject to remarkable studies such as those recently reported on in Pembrokeshire Life by Steven John – discovering the stories behind the men who have been commemorated as well as those who lost their life as a result of the conflict but have yet to be recognised and honoured. What else survives within our county to remind us of the massive military mobilisation which took place across Britain?

It was a period of such great upheaval for Wales in general that these efforts must have left their mark both on the landscape and the people. However, apart from War memorials, the physical remains of the preparation for the War, the War itself and its aftermath have been little studied. There are thought provoking survivals of this period though; the odd timber hut now used as a reading room or converted into a store; strange zigzagged earthworks dug by soldiers to acclimatise to life in the trenches; coastal lookouts to watch for submarines. We know that camps were established in numerous places around the county and recently some maps discovered at the National Archives point at an intriguing line of defences which encircled Pembroke Dock, defending the dockyards and Haven from a landward attack. Where were these camps? Are traces of those defences still visible? Have the hedge lines, once cleared to give an open line of fire, been restored? How did the war affect the county's agriculture and industry? Are you aware of events or activities, or an aspect of the Great War in Pembrokeshire that hasn't yet been looked at? If you are interested in answering some of these questions – or perhaps you have questions of your own relating to the First World War experience then please, come along and join us at the Picton Centre, Haverfordwest on Saturday 9th February 2013.

Dyfed Archaeological Trust and Planed are holding an open meeting to look at ways in which we can learn more about what went on in this county during the Great War and to encourage everyone, young and old alike, to get involved in this process of discovery.

Charles Griffiths, a First World War military historian will give an illustrated talk about the period from the Welsh perspective. The talk is open to the public and everyone is encouraged to come along with material, information or ideas that they would like to share.

The meeting will take place on Saturday 9th February 2013 at 10.30 until 1.30pm at the Picton Centre, Haverfordwest. Refreshments will be provided.



Penally, Yeomanry Field, soldiers digging practice trenches. Image provided by Roger JC Thomas.

A map dated 1916 showing part of a ring of defences constructed to defend the Royal Dockyard. Image provided by Roger JC Thomas.

Appendix B

ENVIRONMENT RECORD ENQUIRY – SITES DATING FROM FIRST WORLD WAR 1914-1918

PRN	NAME	TYPE	SUMMARY	CON DITI ON	NGR
2612 3	RAF CAREW CHERITON	AIRFIELD	The story of military aviation on this site began with Royal Naval Air Station Pembroke (PRN 26172), where an aerodrome for airships was built, the first ascent being in 1917. It was disbanded by 1920, but was re-established by 1939 under No15 Group Co	Intact	SN05530299
2617 2	RNAS PEMBROKE; MILTON AIR STATION	AIRSHIP STATION ,AIRFIEL D	The story of military aviation on this site began with Royal Naval Air Station Pembroke, where an aerodrome for airships was built, the first ascent being in 1917. It was disbanded by 1920, but was re-established by 1939 under No15 Group Coastal Command	Destr oyed	SN05200300
2619 6	BANGESTON CAMP	MILITAR Y CAMP	1916-18, Army Camp, now a domestic residence. One timber framed. corrugated zinc clad hut and a brick and cement panel hut. RJC.Thomas, 06.02.93.		SM99360293
2619 7	BANGESTON CAMP	OFFICER S MESS	1916-18, Officers Mess/Officers Quarters, now a domestic residence. Single storey, timber framed, corrugated zinc clad, timber truss gable roof. Hut raised on brick and concrete blocks. RJC.Thomas, 06.02.93.	Intact	SM99310291
2619 8	BANGESTON CAMP	ABLUTIO NS BLOCK	1916-18, Ablutions/Bath House, now a garden shed. A single storey, three range hut. East range, timber framed, six bay, cement panel walls. Central range, one and a half storey brick boiler house. West range, timber framed two bay cement panel walls.	Intact	SM99360293
2620 4	THE CAMP	MILITAR Y CAMP	1914-18, Army Camp, now demolished. Huttet Camp. RJC.Thomas, 22.01.93.	Destr oyed	SM99890431
2673 5	LLANION BARRACKS	CARRIAG E HOUSE	c1915, Carriage Shed. Single storey, gabled roof, double wooden doorway beneath a depressed arch. RJC.Thomas 26.11.93.	Intact	SM96780407
2674 1	LLANION BARRACKS	STOREH OUSE	1914, Barrack store, now used by Dyfed Army Cadet Force. Single storey, double pile, gabled slate roofs. Cat slide roof over extension to south east. Two bay north west elevation with two windows. Rendered brick construction. RJC.Thomas, 26.11.93.	Intact	SM96870395
2674 2	LLANION BARRACKS	STOREH OUSE	1914, Barrack store. Single storey, timber framed, zinc corrugated sheeting clad lean to, with pitch roof. RJC.Thomas, 26.11.93.	Intact	SM96880393
2674 5	LLANION BARRACKS	STOREH OUSE	c1914, Barrack store. Single storey, timber framed, corrugated sheeting clad, lit by four skylights in the gable roof. RJC.Thomas, 26.11.93.	Intact	SM96910389
2674 6	LLANION BARRACKS	STOREH OUSE	c1914, Barrack store. Single storey, timber framed, corrugated sheeting clad, rectangular plan, gabled roof. RJC.Thomas, 26.02.93.	Intact	SM96930387
2674 7	LLANION BARRACKS	STOREH OUSE	c1914, Barrack store. Single storey, timber framed, corrugated sheeting clad, rectangular plan, gabled roof. RJC.Thomas, 26.11.93.	Intact	SM96890389

2674 8	LLANION BARRACKS	STOREHOUSE	c1914, Barrack store. Single storey, timber framed, corrugated sheeting clad, rectangular plan, gabled roof. RJC.Thomas, 26.11.93.	Intact	SM96910386
2674 9	LLANION BARRACKS	RAILWAY PLATFORM	c1914, Railway Platform, now derelict. 270'(82m) approx long, brick built railway platform, stone edging and asphalt surface. RJC.Thomas, 26.11.93.	Near Intact	SM96880388
2841 2	ROYAL DOCKYARD PEMBROKE	REVEEMENT	c1914, Revettment, Retaining wall, now derelict. Concrete wall 50' (15.25m) in length, with sloping loft straight section of walling at each end angled at 45 degrees, set into earth bund. Formerly protected four round section 30' (9.15m) long fuel tanks	Intact	SM95650387
2841 3	ROYAL DOCKYARD PEMBROKE	REVEEMENT	c1914, Revettment, Retaining wall, now derelict. Crescent shaped wall set into earth bund. Formerly protecting a 110' (33.5m) diameter fuel oil tank. RJC.Thomas, 05.12.93.	Intact	SM95640383
2841 4	ROYAL DOCKYARD PEMBROKE	REVEEMENT	c1914, Revettment, Retaining wall, now derelict. Crescent shaped wall set into earth bund. Formerly protecting a 110' (33.5m) diameter fuel oil tank, which has since been demolished. RJC.Thomas, 05.12.93.	Intact	SM95630378
2841 5	ROYAL DOCKYARD PEMBROKE	REVEEMENT	c1914, Revettment, Retaining wall, now derelict. Crescent shaped wall set into earth bund. Formerly protecting a 110' (33.5m) diameter fuel oil tank, which has since been demolished. RJC.Thomas, 05.12.93.	Intact	SM95610373
2841 6	ROYAL DOCKYARD PEMBROKE	BUND	c1914, Bund/Oil Tank Farm, present use storage compound. Elongated 'U' shaped 15' (4.75m) high earth bank enclosing the site of three large oil fuel tanks and four small fuel tanks. North east flank is closed by a section of rampart of the "Seven Years	Intact	SM95590383
2862 4	MILFORD HAVEN FIRE COMMAND HQ AND PORT WAR SIGNAL STATION	LOOPHOLE WALL	1914-56, Control and Command, Loopholed Wall, present use perimeter wall. Masonary wall with pre-cast narrow splay embrasures set at irregular intervals and height. During the Second World War a minefield existed to the north of the wall.	Intact	SM80660314
2866 5	WINDSOR FARM	MILITARY CAMP	1914-18, Army Camp, twenty eight square concrete hut bases extant, all huts demolished. RJC.Thomas, 07.01.93.	Destroyed	SN01860125
2866 7	MARINE OPERATION S (BALLOON) STATION NO9 BALLOON BASE	AIRSHIP STATION	Airship or Balloon Station established in the First World War for convoy duties, carried out in cooperation with the Navy. There were two working balloons and 2 balloon sheds. No structures relating to the airship station survive. A Pyper 2012.1914-18,	Destroyed	SM91220543
2866 9	BUSH CAMP	MILITARY CAMP	1914-18, 1939-45, Army Camp now demolished. Twenty eight assorted huts, including timber framed, nissen and romney designs. Three surface air raid shelters, sports grounds and pavilion. RJC.Thomas, 15.11.93.	Destroyed	SM97350327
3103 9	LLANION BARRACKS	STOREHOUSE	C.1914, Barrack store, now demolished. Single storey, rectangular plan, hipped slate roof, rendered brick construction. Doorway in NE gable, two large sash windows flank a double doorway in NW wall, three sash windows in SE wall. Corrugated steel shee	Destroyed	SM97018041 64

3212 3	PWLL HIR;PEN-CW	OBSERV ATION POST	Near the edge of the excavation for Fishguard Harbour. The area is overgrown. Identified as an observation post by Thomas, possibly of World War I date. Single storey, brick built with concrete roof, rectangular with chamfered corners at the front an	Near Destr oyed	SM95223933
3213 1	RNAS FISHGUARD; RAF FISHGUARD	HARBOU R,FLYING BOAT BASE	RNAS Fishguard (Royal Naval Air Service, becoming the RAF in 1918) was established in March 1917 to counter the threat from German Submarines during WW1. It closed in May 1919. It was located on Goodwick Harbour on land to the northeast of the railway s	Intact	SM95390392 30
3345 8	PENALLY CAMP	PRACTIC E TRENCH	A very extensive system of WW1 practice trenches.	Near Intact	SS112985
3390 0	GELLI INTERNMEN T CAMP	PRISONE R OF WAR CAMP	1st World War Internment Camp near Gelli, (From the SPARC leaflet). MJ Mar 1997		SN0819
3463 1	SPREADEAG LE PILL	MILITAR Y BUILDIN G	Site of building, possibly a tower from World War II. It was identified from aerial photographs taken in 1946. Possibly a temporary structure. There is now no visible evidence of the building. N.Ludlow 2002.	Near Destr oyed	SM86220872
1024 66	FAITH	WRECK	The Faith, a single-decked wooden schooner was lost off St Anne's Head on September 23rd 1916. Built in 1860, she was 80 feet long with a depth of 8.8 feet. (M. Page 2012 based on Serra & Urmston 2010).	Near Destr oyed	SM80884025 85

Appendix C – Sites From RJC Thomas Database Of 1993, Sites Dating From First World War 1914-1918

RT_SITE_NO	PRN	FUNC TYPE	CATEGORY	SITE NAME	LOCATIO N	PERIO D	RT_GEN_TYP	DESCRIP	NGR	COMMUNIT Y	SCHED ULED	BIBLIO
002/000	26172	Balloon Base	Balloon Base	RNAS Pembroke	Dairy Hays, Carew Cheriton, Carew	1915-20	Naval Maritime	Balloon base consisting of a variety of timber framed corrugated zinc clad huts, a gas plant and gasometer, a large 300 X 100 Ft.{91.50 X 30.50 X 30.50 m} balloon shed, the doorways of which were flanked by windscreens, and three canvas hangers.	SN 0520 0300	Carew		Wings Over Carew, BROCK Deric, Five Arches Press, Tenby, 1989. South Western Approaches, TIPTON John, Tenby Museum.1986.
002/001	26173	Boundary Stone	Balloon Base	RNAS Pembroke	Hazelbrook Farm, Sageston, Carew	1915-20	Naval Maritime	Two square limestone blocks, each enscribed with an anchor and numbered 131 and 132 respectively. Both stones have been re-set in a stone pigsty wall.	SN 0625 0263	Carew		see 002/000
014/000	26196	Camp	Camp	Bangeston Camp	Bangeston Bungalow, Bangeston, Cosheston	1916-18	Military	One timber framed corrugated zinc clad hut and a brick/timber framed cement panel bath house. Camp functioned as a barracks for troops manning trenchworks defending Pembroke Dock from landward attack from the east.	SM 9936 0293	Cosheston		WO78/4399 Public Records Office, Ruskin Avenue,Kew,Richmond,Surrey Aerial photographs, Sortie 106G/UK/1625 7 July46 Frame4353-4354
014/001	26197	Officer's Mess	Camp	Bangeston Camp	Bangeston Bungalow, Bangeston, Cosheston	1916-18	Military	Single storey,'T' plan,timber framed,corrugated zinc clad walls and gable roof,carried on timber trusses. Hut raised up of ground on square concrete pads. Repositioned from original position on same site.	SM 9931 0291	Cosheston		see 014/000

RT_SITE_NO	PRN	FUNC TYPE	CATEGORY	SITE NAME	LOCATIO N	PERIO D	RT_GEN_TYP	DESCRIP	NGR	COMMUNIT Y	SCHED ULED	BIBLIO
014/002	26198	Bath House	Camp	Bangeston n Camp	Bangeston Bungalow, Bangeston, Cosheston	1916-18	Military	Single storey,9 bay rectangular plan subdivided into 3 ranges;east 6 bay and west 2 bay ranges timber framed cement panel walls,zinc clad gable roof. Central bay occupied by a 1.5 storey brick boiler house and chimney.	SM 9936 0293	Cosheston		see 014/000
019/000	26204	Camp	Camp		The Camp, Home Farm, Cosheston	1914-18	Military	Hutted camp. Two huts extant on aerial photographs dated 8 July 1946. The camp acted as a barracks for troops manning a trench defence work to protect Pembroke Dock from landward attack from the east	SM 9981 0431	Cosheston		WO78/4399, Public Records Office, Ruskin Avenue, Kew, Richmond, Surrey Aerial photographs,Sortie 106G/UK/1629, 8 July 46, Frames 3141-3142
063/031	26735	Carriage Shed	Barracks	Llanion Barracks	Unit 10, Pier Road, Llanion, Pembroke Dock	c1915	Military	Single storey,rectangular plan,rendered rubble construction, gabled slate roof. Double wooden doorway beneath a depressed arch in the north east gable	SM 96780 04070	Pembroke Dock		see 063/000
063/037	26741	Store	Barracks	Llanion Barracks	Pier Road, Llanion, Pembroke Dock	c1914	Military	Single storey,double pile,rendered brick construction,gabled slate roofs.'Cat slide' roof over extension to south east.Two barred windows to north west elevation	SM 96872 03953	Pembroke Dock		see 063/000
063/038	26742	Store	Barracks	Llanion Barracks	Pier Road, Llanion, Pembroke Dock	c1914	Military	Single storey,timber framed,plastic coated corrugated sheeting clad, lean to with mono pitch roof. Formerly clad with black painted galvanized sheeting.	SM 96880 03927	Pembroke Dock		see 063/000

RT_SITE_NO	PRN	FUNC TYPE	CATEGORY	SITE NAME	LOCATIO N	PERIO D	RT_GEN_TYP	DESCRIP	NGR	COMMUNIT Y	SCHED ULED	BIBLIO
063/039	26743	Store	Barracks	Llanion Barracks	Pier Road, Llanion, Pembroke Dock	c1914	Military	1.5 storey,5 bay plan,brick construction with brick piers to gable walls.Gabled slate roof.Large doorway in NE gable.'Lean to' structure built against the NW elevation.Loading ramp,and railway platform to SWgable.Totally clad in plastic coated sheeting.	SM 96883 03917	Pembroke Dock		see 063/000
063/040	26744	Store	Barracks	Llanion Barracks	Pier Road, Llanion, Pembroke Dock	c1914	Military	Single storey, T plan, timber framed, gabled corrugated sheeting roof. Totally clad with plastic coated corrugated sheeting. Formerly lit by skylights currently no natural lighting.	SM 96900 03900	Pembroke Dock		see 063/000
063/041	26745	Store	Barracks	Llanion Barracks	Pier Road, Llanion, Pembroke Dock	c1914	Military	Single storey, rectangular plan,timber framed, plastic coated corrugated sheeting clad,gabled roof. Lit by four skylights.Originally clad with black painted galvanized sheeting.	SM 96911 03893	Pembroke Dock		see 063/000
063/042	26746	Store	Barracks	Llanion Barracks	Pier Road, Llanion, Pembroke Docks	c1914	Military	Single storey,rectangular plan,timber framed,plastic coated corrugated sheeting clad, gabled roof. Originally clad with black painted galvanized sheeting.	SM 96926 03873	Pembroke Dock		see 063/00
063/043	26747	Store	Barracks	Llanion Barracks	Pier Road, Llanion, Pembroke Dock	c1914	Military	Single storey,rectangular plan,timber framed plastic coated corrugated sheeting clad,gabled roof. Originally clad with black painted galvanized sheeting.	SM 96892 03887	Pembroke Dock		see 063/000
063/044	26748	Store	Barracks	Llanion Barracks	Pier Road, Llanion, Pembroke Dock	c1914	Military	Single storey,rectangular plan,timber framed,plastic coated corrugated sheeting clad,gabled roof.Originally clad with black painted galvanized sheeting.	SM 96910 03863	Pembroke Dock		see 063/000

RT_SITE_NO	PRN	FUNC_TYPE	CATEGORY	SITE_NAME	LOCATIO N	PERIO D	RT_GEN_TYP	DESCRIP	NGR	COMMUNIT Y	SCHED ULED	BIBLIO
063/045	26749	Platform	Barracks	Llanion Barracks	Pier Road, Llanion, Pembroke Dock	c1914	Military	270 feet (82m) approx. long brick built, rubble infill, stone edged, asphalt surfaced railway platform.	SM 96888 03876	Pembroke Dock		see 063/000
063/061	28769	Magazine	Barracks	Llanion Barracks	Llanion Barracks, Llanion Park, Llanion, Pembroke Dock.	c1914	Military	Single storey, rectangular plan, cement rendered, cavity brick construction, hipped slate roof. Porched entrance in n. west wall light by a 6 light depressed arched window. 6 light depressed arched window in each wall. DEMOLISHED only concrete floor extant.	SM 97066 04205	Pembroke Dock		see 063/000
063/062	28770	Store	Barracks	Llanion Barracks	Llanion Barracks, Llanion Park, Llanion, Pembroke Dock.	c1914	Military	Single storey, 3 bay rectangular plan, cement rendered, brick construction, hipped slate roof. Central bay of main elevation (n. west) occupied by double doorway flanked by large sash windows, western window enclosed by zinc lean-to. Door in n. east gable.	SM 97018 04164	Pembroke Dock		see 063/000
063/152	0	Gas Chamber	Barracks	Llanion Barracks	Llanion Barracks, Llanion Park, Llanion, Pembroke Dock	c1917	Military	Underground chamber	SM 97400 04048	Pembroke Dock		see 063/000. Air Ministry drawing 2710.44, R.A.F. Museum, Hendon
064/043	28412	Retaining Wall	Dockyard	The Royal Dockyard, Pembroke	The Royal Dockyard, Melville Terrace, Pembroke Dock	c1914	Naval Maritime	Concrete wall, approx 50ft {15.25m} in length with sloping 10 ft {3.05m} sections at each end angled at 45 degrees, set into an earth bund. Formerly associated with four round section 30ft {9.15m} long horizontal fuel tanks.	SM 9565 0387	Pembroke Dock		see: 064/000

RT_SITE_NO	PRN	FUNC_TYPE	CATEGORY	SITE_NAME	LOCATIO N	PERIO D	RT_GEN_TYP	DESCRIP	NGR	COMMUNIT Y	SCHED ULED	BIBLIO
064/044	28413	Retaining Wall	Dockyard	The Royal Dockyard, Pembroke	The Royal Dockyard, Melville Terrace, Pembroke Dock	c1914	Naval Maritime	Crescent shaped concrete wall set into an earth bund which protected No.3 Oil Fuel Tank.	SM 9564 0383	Pembroke Dock		see: 064/000
064/045	28414	Retaining Wall	Dockyard	The Royal Dockyard, Pembroke	The Royal Dockyard, Melville Terrace, Pembroke Dock	c1914	Naval Maritime	Crescent shaped concrete wall set into an earth bund which protected No.4 Fuel Oil Tank.	SM 9563 0378	Pembroke Dock		see: 064/000
064/046	28415	Retaining Wall	Dockyard	The Royal Dockyard, Pembroke	The Royal Dockyard, Melville Terrace, Pembroke Dock	c1914	Naval Maritime	Crescent shaped concrete wall set into an earth bund which protected No.5 Fuel Oil Tank.	SM 9561 0373	Pembroke Dock		see: 064/000
064/047	28416	Bund	Dockyard	The Royal Dockyard, Pembroke	The Royal Dockyard, Melville Terrace, Pembroke Dock	c1914	Naval Maritime	Elongated U plan 15ft { 4.75m} high earth bank enclosing the site of a fuel storage tank farm. The north east and the north west sections terminate at the surviving southern section of Pater Battery / Fort. Approx area 7.5 Acres,	SM 9559 0383	Pembroke Dock		see: 064/000
064/060	0	Oil Tank	Dockyard	The Royal Dockyard, Pembroke	The Royal Dockyard, Melville Terrace, Pembroke Dock	c1914	Naval Maritime	Riveted steel oil tank.	SM 9559 0374	Pembroke Dock		see: 064/000

RT_SITE_NO	PRN	FUNC TYPE	CATEGORY	SITE NAME	LOCATIO N	PERIO D	RT_GEN_TYP	DESCRIP	NGR	COMMUNIT Y	SCHED ULED	BIBLIO
064/061	0	Oil Tank	Dockyard	The Royal Dockyard, Pembroke	The Royal Dockyard, Melville Terrace, Pembroke Dock	c1914	Naval Maritime	Riveted steel oil tank.	SM 9561 0379	Pembroke Dock		see: 064/000
064/062	0	Oil Tank	Dockyard	The Royal Dockyard, Pembroke	The Royal Dockyard, Melville Terrace, Pembroke Dock	c1914	Naval Maritime	Riveted steel oil tank.	SM 9562 0384	Pembroke Dock		see: 064/000
064/063	0	Oil Tank	Dockyard	The Royal Dockyard, Pembroke	The Royal Dockyard, Melville Terrace, Pembroke Dock	c1914	Naval Maritime	Riveted steel oil tank.	SM 9567 0396	Pembroke Dock		see: 064/000
064/064	0	Oil Tank	Dockyard	The Royal Dockyard, Pembroke	The Royal Dockyard, Melville Terrace, Pembroke Dock	c1914	Naval Maritime	Riveted steel oil tank.	SM 9568 0401	Pembroke Dock		see: 064/000

RT_SITE_NO	PRN	FUNC_TYPE	CATEGORY	SITE_NAME	LOCATIO N	PERIO D	RT_GEN_TYP	DESCRIP	NGR	COMMUNIT Y	SCHED ULED	BIBLIO
087/002	28624	Loop-holed Wall	Coast Defence	Milford Haven Fire Command HQ	St Ann's Head, Dale	c1914	Military	Masonry wall with regularly inserted musketry loop-holes. Protects the Fire Command HQ from infantry assault from the north. During World War II, a minefield was laid to the north of the wall.	SM 8066 0315	Dale		Aerial photographs: Sortie 106G/UK/1629, 8 July 1946, frame 3117. WO 192/315, Public Records Office, Ruskin Avenue, Kew, Richmond, Surrey.
116/002	0	Trench	Infantry School	Penally Training Camp	Penally Camp, Penally	c1914 - 18	Military	Complex of training trenches reveted with dry stone rubble,consisting of a fire trench,a reserve trench,and various communication trenches together with listening posts,shelters,kitchens,latrines,etc.Features remain extant and have a depth of up to 5 ft.	SS 1116 9856	Penally		Aerial photographs: Sortie 106G/UK/1625, 7 July 46, Frame 2348-2349.
130/018	0	Officer's Quarters	Coast Defence	Chapel Bay Fort	Chapel Bay, Angle	c1914	Military	Single storey,rectangular plan,timber frame,clad with corrugated steel sheeting,gable roof.Aligned east-west.	SM 8584 0360	Angle	X	Aerial photographs: Sortie 106G/UK/1625, 7 July 46, frames 6367 - 6368.
130/032	0	Guard Room	Coast Defence	Chapel Bay Fort	Chapel Bay, Angle	c1914	Military	Single storey,rectangular plan,timber frame,clad with corrugated steel sheeting,gable roof.Originally the south west elevation was fitted with a veranda.Aligned north west - south east.Secondary lean-to to rear {NE} elevation.	SM 8597 0357	Angle	X	Aerial photographs: Sortie 106G/UK/1625, 7 July 46, frames 6367 - 6368.

RT_SITE_NO	PRN	FUNC_TYPE	CATEGORY	SITE_NAME	LOCATIO N	PERIO D	RT_GEN_TYP	DESCRIP	NGR	COMMUNIT Y	SCHED ULED	BIBLIO
133/010	0	Gun Emplace ment	Harbour Defence	South Hook Battery	South Hook Fort, South Hook Point, Herbrandst on	c1898 - 1918	Military	'D' concrete,semi-circular shell deflecting apron to front.Central concrete pillar with holdfast bolts,flanked by ammunition recesses cast into the rear wall of the apron.Structure inserted into earth cover of the roof of a mid C19th magazine.	SM 8718 0538	Herbrandsto n	X	see 133/000
179/000	0	Camp	Camp	Scoveston Camp	Scoveston Fort, Little Honeyboro ugh	1914 - 1918	Military	Complex of huts. Demolished prior to the Second World War, only evidence to remain on site is an area of level hut platforms,located south of the dry moat.	SM 9442 0634	Llanstadwell		Hancock,Simon,Then and Now No.573:Part Two.,Western Telegraph, January 20th,1993. PCC/AR/3 roll 375, four drawings dated 1941, County Records Office, The Castle, Haverfordwest.
179/000	0	Camp	Camp	Scoveston Camp	Scoveston Fort, Little Honeyboro ugh	1914 - 1918	Military	Complex of huts. Demolished prior to the Second World War, only evidence to remain on site is an area of level hut platforms,located south of the dry moat.	SM 9442 0634	Llanstadwell		Hancock,Simon,Then and Now No.573:Part Two.,Western Telegraph, January 20th,1993. PCC/AR/3 roll 375, four drawings dated 1941, County Records Office, The Castle, Haverfordwest.

RT_SITE_NO	PRN	FUNC TYPE	CATEGORY	SITE NAME	LOCATIO N	PERIO D	RT_GEN_TYP	DESCRIP	NGR	COMMUNIT Y	SCHED ULED	BIBLIO
181/000	0	Fort	Anti-invasion	Scoveston Fort	Scoveston Fort, Little Honeyborough	1861 - 1918	Military	Hexagonal work occupying some 75 acres, with sides of 130 yds {117m}, escarp 22ft {6.6m}, dry moat 36ft 6 in {10.95m} wide. Moat flanked by 1 caponier and 4 demi-caponiers. Bombproof casemates for 128 officers & men, and a main magazine.	SM 9442 0662	Llanstadwell	X	Hancock, Simon, Then and Now No.573: Part Two., Western Telegraph, January 20th, 1993. PCC/AR/3 roll 375, four drawings dated 1941, County Records Office, The Castle, Haverfordwest.
273/000	0	Observation Post	Unknown		Pen-cw, Goodwick.	c1914 - 18	Military	Single storey, rectangular plan, angled corners to east elevation, fair-faced brick, flat concrete roof. Galvanized steel window frames.	SM 9522 3933	Fishguard and Goodwick		Aerial photographs: Sortie 106G/UK/1631, 8 July 1946, frames 5006 - 5010
281/000	0	Guardroom	Communications		Telegraph Cottage, Abermawr, St Nicholas, Goodwick	c1914 - 18	Military	Single storey, parallel pair of timber framed corrugated steel sheeting clad huts, functioning as a single structure. Protected by large earth and stone banks. Built to protect the terminal of a trans-atlantic telegraph cable.	SM 8844 3483	Pencaer		Aerial photographs: Sortie 106G/UK/1472, 4 May 1946, frames 3230 - 3231
304/000	0	Hydrophone Station	Submarine Detection		Highwinds, Carn Llidi Bychan, Whitesands Bay, St Davids	c1914 - 18	Naval Maritime	Single storey, rectangular plan, gable roof. Demolished by Pembrokeshire Coast National Park.	SM 7349 2794	St Davids and Cathedral Close		Aerial photographs: Sortie 106G/UK/1472, 4 July 46, frames 3061 - 3063, and Sortie 106/UK/1625, 7 July 46, frames 1003 - 1005.

RT_SITE_NO	PRN	FUNC_TYPE	CATEGORY	SITE_NAME	LOCATIO N	PERIO D	RT_GEN_TYP	DESCRIP	NGR	COMMUNIT Y	SCHED ULED	BIBLIO
306/000	0	Seaplane Station	Seaplane Station	RNAS Fishguard	Fishguard Harbour Station, Goodwick.	c1917 - 18	Military	Marine Operations (Seaplane) Station, No. 245 Squadron.(Midland Area; N0.14 (Operations) Group). Headquarters of 245 Sqd. and station for 426 & 427 Flights.Equiped with 4 seaplane sheds and various ancilliary buildings. Plotted off aerial photographs.	SM 9534 3921	Fishguard and Goodwick		Aerial photographs: Sortie 106G/UK/1631, 8 July 1946, frames 5008 - 5009 Air 1/453 , PRO , Ruskin Ave., Kew, Richmond, Surrey. Nesbit Roy Conyers, 1996, The RAF in Camera 1903 - 1939, Alan Sutton Pub. Ltd., ISBN 0-750-1054-2
306/001	0	Slipway	Seaplane Station	RNAS Fishguard	Fishguard Harbour Station, Goodwick.	c1917 - 18	Military	Marine Operations (Seaplane) Station, No. 245 Squadron. Stone set slipway with central concrete paved aircraft slip. Inclined to the N E. Flanked to the S E by a concrete breakwater. Not visited during survey. Plotted off aerial photographs.	SM 9534 3921	Fishguard and Goodwick		Aerial photographs: Sortie 106G/UK/1631, 8 July 1946, frames 5008 - 5009 See: 306/000
321/000	0	Camp	Camp		Hearson Farm, Hearson Mountain, Sardis	c1916 - 18	Military	Complex consisting of nine rectangular concrete hut bases, and numerous leveled earth hut platforms. Plotted off aerial photographs.	SM 9765 0788	Burton		Aerial photographs: Sortie 106G/UK/1629, 8 July 46, frames 1136, 5035 - 5036.

RT_SITE_NO	PRN	FUNC TYPE	CATEGORY	SITE NAME	LOCATIO N	PERIO D	RT_GEN_TYP	DESCRIP	NGR	COMMUNIT Y	SCHED ULED	BIBLIO
328/000	0	Radio Station	Communications		Patrick's Hill, Llanreath, Pembroke Dock	c1914 - present	Naval Maritime	Complex consisting of a wireless telegraphy block, a guardhouse, and two timber lattice masts. Timber or steel 'pole' masts are apparent on the 1946 aerial photographs. Call sign during WWI was BYF. Operated by Marconi on behalf of the Royal Navy.	SM 9552 0341	Pembroke Dock		Aerial photographs, Sortie 106G/UK/1629, 8 July 46, frames 3135 - 3137. Pembroke Dock record site plan, 2710.44, RAF Museum, Hendon, London.
341/000	28665	Camp	Camp		Windsor Farm, Lamphey, Pembroke	c1914 - 18	Military	Twenty eight square plan concrete hut bases remain extant, arranged in three rows of four, one row of five, one row of six, and one single base. Encircled by a concrete road. Adjacent to site No.5, RAF Pembroke Dock.	SN 0186 0125	Lamphey		Air Ministry drawings 2709/44 and 2710/44, R.A.F. Museum, Hendon Aerial photographs, Sortie 106G/UK/1625, 7 July 46, Frames 4349-4350
343/000	28667	Balloon Base	Balloon Base	RNAS Milford Haven	Castle Pill, Pill, Milford Haven	c1917 - 18	Military	Marine Operations (Balloon) Station, No. 9 Balloon Base. (Midland Area; No.14 (Operations) Group). Complex consisting of 2 balloon sheds, motor transport shed, technical stores, offices, latrines and a water tank. Establishment of 110 Officers and men.	SM 9122 0543	Milford		Aerial photographs: Sortie 106G/UK/1625, 7 July 1946, frames 6357 - 6360. Air 1/453, PRO, Ruskin Ave., Kew, Richmond, Surrey.
345/000	28669	Camp	Camp	Bush Camp	Preseli View, Pembroke Dock	c1916 - 45	Military	Complex of 28 huts of a variety of types including timber framed, corrugated steel sheeting clad, 'Nissen', and 'Romney' huts. Three surface air raid shelters, sports ground, and a pavillion. The camp had its origins during WW	SM 9735 0327	Pembroke Dock		Aerial photographs, Sortie 106G/UK/1625, 7 July 46, Frames 6345 - 6346.

RT_SITE_NO	PRN	FUNC TYPE	CATEGORY	SITE NAME	LOCATIO N	PERIOD	RT_GEN_TYP	DESCRIP	NGR	COMMUNITY	SCHEDULED	BIBLIO
								I.				
357/000	34773	Boom Defence Anchorage	Harbour Defence	Dale Fort	Dale Point, Dale	c1914 - 18	Naval Maritime	Concrete block, approx 10ft tall, all surfaces are 'battered', the rear west face at about 30 degrees.	SM 8245 0516	Dale		Aerial photographs: Sortie 106G/UK/1625, 7 July 1946, frames 6373 - 6375, and Sortie 106G/UK/1629, 8 July 46, frames 2009 - 2010.
376/012	0	Practice Battery	Coast Defence	South Hook Fort	South Hook Fort, South Hook Point, Herbrandston	c1898 - 1918	Military	Open practice battery consisting of four square plan concrete gun floors with centrally set RCD No.4 pivot block and racer {'C' pivot}, a two chamber, rectangular plan, cement rendered brick shelter and a mass concrete telephone Test Hut.	SM 8680 0588	Herbrandston		see 376/000

RT_SITE_NO	PRN	FUNC TYPE	CATEGORY	SITE NAME	LOCATION	PERIOD	RT_GEN_TYP	DESCRIP	NGR	COMMUNITY	SCHEDULED	BIBLIO
459/000	0	Radio Station	Communications	RNAS Fishguard	Fishguard Harbour Station, Goodwick.	c1917 - 18	Military	Wireless telegraphy hut. Single storey, rectangular plan, gabled roof. Not visited during survey. Plotted off aerial photographs.	SM 9464 3924	Fishguard and Goodwick		Aerial photographs: Sortie 106G/UK/1631, 8 July 1946, frames 5008 - 5011. Air 1/453, PRO, Ruskin Ave., Kew, Richmond, Surrey. Nesbit Roy Conyers, 1996, The RAF in Camera 1903 - 1939, Alan Sutton Pub. Ltd., ISBN 0-750-1054-2

Appendix D - Pembrokeshire Record Office

Ref No	D-CT/126
Title	Fragment of "The Times History of the War" (1st World War)
AccessStatus	Open

Ref No	D-YEO
Title	Pembroke Yeomanry Papers
Description	Miscellaneous papers relating to the history of Pembroke Yeomanry, [c. 1800]-1987, including regimental histories, articles, books, notes, lists of graves and officers, and photographs. Arranged into the following: Pembroke Yeomanry; miscellaneous items; and Pembroke Yeomanry.
Date	[c. 1800]-1987
AccessStatus	Open
AccessConditions	No restrictions
AdminHistory	The Pembroke Yeomanry was originally a volunteer cavalry force created in Pembrokeshire in 1794 as part of the Government's strategy for bolstering Britain's internal defences against France. The Yeomanry saw their first action during the French landing at Fishguard in 1797, becoming the only British Army unit to hold a battle honour for action within the British Isles. The Pembroke Yeomanry saw service in various theatres, notably the Boer War and the First World War. It survived through various reorganisations and by 1987 had become the 224 (Pembroke Yeomanry) Squadron, Royal Corps of Transport (Volunteers).

Ref No	HDX/16/3
Title	Photograph of the War Memorial in Salutation Square, Haverfordwest; for the men of Pembrokeshire who died in the First World War.
Description	Image
Date	c1921
AccessStatus	Open

Ref No	HDX/59/7
Title	Photograph of a procession crossing the New Bridge and Victoria Place, Haverfordwest. Possibly at the end of the First World War
Description	Image
Date	c.1918

AccessStatus	Open
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Ref No	HDX/255/4
Title	Memorial Scrolls in honour of Private James Morgan, Welch Regiment who died during the First World War, contained in a tube addressed to Mrs L Max, 128 Prendergast, Haverfordwest
Date	20th century
AccessStatus	Open
Ref No	HDX/291/3-4
Title	Postcards sent to Mrs Jenkins by her fiance during the First World War
Description	Image
Date	1914-1918
AccessStatus	Open
Extent	2

Ref No	HDX/754/10
Title	Essay on Haverfordwest during the First World War
Date	1978 - 1979
AccessStatus	Open

Ref No	HDX/1087/1
Title	Photostat copy of printed register of First World War graves in Pembrokeshire, arranged under Urban / Rural Districts
Date	1930
AccessStatus	Open

Ref No	HDX/1087/6
Title	Copy list of officers who died during the First World War in the Pembroke Yeomanry, Welch Regiment (Territorials); also a list of war dead (other ranks) of the Pembroke Yeomanry and Pembroke Royal Garrison Artillery 1914 - 1918
AccessStatus	Open
Ref No	HDX/1206/2
Title	Details of service record of Reginald Rhys Soar of the Royal Naval Air Service, during the First World War.
Description	Original data from circa 1914-1918. Floppy disc created circa 2008. Mr Soar was born at Fryston, near Castleford, Yorkshire, in 1893 and was buried at Martletwy in an

	unmarked grave.
Date	2008
AccessStatus	Open

Ref No	HDX/1740/14
Title	CD entitled 'Chepstow's Unique War Memorial'. This memorial features the gun from a U-boat which operated around Pembrokeshire in the first World War
AccessStatus	Open

Ref No	HDX/1807/6
Title	Welsh military casualties during the First World War 1914-1918
Description	Researched by the father of the donor.
Date	n.d.
AccessStatus	Open
Extent	16

Ref No	HDX/1834/1
Title	Postcards showing troops, police and the general public in Albion Square, Pembroke Dock, following the declaration of war at the start of World War I
Description	Published by S J Allen of Pembroke Dock and F Jenkins of Southwold Image
Date	1914
AccessStatus	Open
Extent	4 items

Ref No	HDX/1864/1
Title	Copy of a poem entitled "Glamorgan Terriers" written by Private William Owen (2155), 2nd Line, B Company, 5th Welsh Regiment, Haverfordwest, during the First World War.
Description	The "Glamorgan Terriers" were miners from South Wales.
Date	circa 1914-1918
AccessStatus	Open

Ref No	HPR/78/105
Title	Tenby Parish Records: Incumbent's Miscellaneous: Form of service leaflet for dedication of First World War memorial window

Date	29 September 1920
AccessStatus	Open

Ref No	HPR/78/115
Title	Tenby Parish Records: Burials and Cemetary: Correspondence re 1st & 2nd World War Graves
Date	c.1924, 1949
AccessStatus	Open
Extent	[3 items]

Ref No	D-YEO/31
Title	Photocopy of a photograph of Pembroke Imperial Yeomanry
Description	Squadron in camp Image
Date	c. 1900
AccessStatus	Open

Ref No	D-YEO/24
Title	Instructions on trench digging
AccessStatus	Open

Appendix E

Weblinks

Arborglyphs (Tree Graffiti)

<http://www.wessexarch.co.uk/blogs/operation-nightingaleproject-florence/2012/10/08/tree-graffiti-barrow-clump>

Pembroke County War Memorial

Private website is being set up to remember all fo the men and women of Pembrokeshire who died in both World Wars of the 20th Century.

<http://www.pembrokeshire-war-memorial.co.uk/index.htm>

The Long, Long Trail

<http://www.1914-1918.net/38div.htm>

Drill Halls

<http://www.drillhalls.org/About/About1.htm>

Aims of the project

The project was started in an attempt to record the Drill Halls of the Territorial Army in the period 1908 - 1914. With a few notable exceptions, these buildings are unremarkable, functional and ignored by history. Yet they were an important part of our military and social heritage. They provided a base for the Territorials to meet and train, and a practical space for fêtes and dances for the local community.

Conscientious objectors

<http://www.ppu.org.uk/coproject/coprojectindex.html>

AUXILIARY HOSPITALS

<http://www.scarletfinders.co.uk/173.html>

ABERAYRON RED CROSS HOSPITAL, ABERAYRON

ABERYSTWYTH RED CROSS HOSPITAL, ABERYSTWYTH

THE OLD BANK, BRIDGE STREET, ABERYSTWYTH (closed by September 1917)

CARMARTHEN RED CROSS HOSPITAL, CARMARTHEN

COTTESMORE HOSPITAL, HAVERFORDWEST

LLANDOVERY RED CROSS HOSPITAL, LLANDOVERY

PARC HOWARD AUXILIARY HOSPITAL, LLANELLY

STEBONHEATH AUXILIARY HOSPITAL, LLANELLY

PEMBROKE DOCK MILITARY HOSPITAL, PEMBROKE DOCK

World War 1914-1918 and the Welsh Experience Digitisation

<http://cymruww1.llgc.org.uk/>

In January 2012 the National Library in partnership with Aberystwyth University, Bangor University, Cardiff University, Swansea University, the University of Wales Trinity Saint David, the People's Collection Wales, BBC Cymru Wales and the Archives and Records Council Wales began a mass digitisation project funded by JISC and the Welsh Government as part of worldwide commemorations of the centenary of the First World War. I became project manager in May 2012.

The project plan called for the digitisation of around 200,000 pages of audio, audio visual, archival, manuscript, newspaper, periodical, photographic material from the collections of the partners either from or relating directly to the period of the war and the creation of a unified interface. While listing all the material that we're digitising would take far too long, here is a selection which gives a taste of what will be available.

First World War Scoping Study

RHIF YR ADRODDIAD / REPORT NUMBER 2009/74

Mawrth 2013

March 2013

Paratowyd yr adroddiad hwn gan / This report has been prepared by

Swydd / Position:

Llofnod / Signature Dyddiad / Date

Mae'r adroddiad hwn wedi ei gael yn gywir a derbyn sêl bendith

This report has been checked and approved by

ar ran Ymddiriedolaeth Archaeolegol Dyfed Cyf.

on behalf of Dyfed Archaeological Trust Ltd.

Swydd / Position:

Llofnod / Signature Dyddiad / Date

Yn unol â'n nôd i roddi gwasanaeth o ansawdd uchel, croesawn unrhyw sylwadau sydd gennych ar
gynnwys neu strwythur yr adroddiad hwn

As part of our desire to provide a quality service we would welcome any comments you may have on
the content or presentation of this report

