

UKDN WORD

WORLD OF RESPONSIBLE DETECTING

Issue no: 129
May 2018



Dutch Gold



Photo Comp Winners



Finds Bag Feature



Blast from the Past



Inside...News, Views, Articles, Reports and more

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group +**

UKDN would like to thank Jimmytheferret for the front cover image, DetectingDavid for image enhancement and UKDN members for their input.

admin team

Brian & Mo'

Founded UKDN in Sept 2002

Detecting since 1978



Coreservers

Word Assistant Editor

Here since 2003

Detecting since 2003



Key Woodward

Here since 2005

Detecting since 1990



Popsandme

Here since 2009

Detecting since 2009



Son of the sands

Here since 2003

Detecting since 1999



Moderators



Chasm_norwich

Here since 2014

Detecting since 1985



Baldric

Here since 2004

Detecting since 2003



Hectorsfarm

Here since 2012

Detecting since 2011



Firthy77

Here since 2006

Detecting since 1970



Dendro_Tom

Here since 2014

Detecting since 1985



... to issue number 129 of Word, the metal detecting magazine for UK DETECTOR NET members... and the wider world. This is another packed issue, containing more articles from our forum members than ever before.

Our request for your submissions has given us some great articles in the past few issues but, by using three or four articles a month, our stock will not last very long. So, we renew our request for your interesting or unusual detecting stories. To tell your tale to the detecting world get in touch with one of the team, or email brimo.cross@gmail.com and send it directly to Brian & Mo', owners of the forum.

Thanks must be given to those of you who have already submitted articles. We feel that we have found some budding story tellers as the quality of the submitted material has, in the main, been nothing less than excellent.

The weather has been somewhat of a disappointment this last month, but we hope that you can get out detecting somewhere when weather permits. It's not easy at this time of the year, we know, but the weather conditions have been a nightmare for the farmers too. Many of them have delayed planting by several weeks in some areas. We're advising you now.... If you've got the chance to get out detecting, then take it because the closed season will be upon us fast should some warm dry weather appear.

The Forum is running along very nicely with plenty of news stories and photos of some great finds. We remind anyone who is new to the forum that most material submitted on the forum is still viewable even on topics that were posted say 10 years ago. Go to "Pictures of Your Finds" for example and you'll find an incredible 408 pages full of posts of amazing finds. Why not see for yourself.....

That's it for this month folks. Enjoy your detecting. Enjoy your latest magazine. And, Good hunting out there.



Did you See

With almost 500 members visiting every single day and 100's of new posts every day it is so easy for you, the members of UKDN, to miss out on some very interesting posts. So, each month in the magazine we will bring to your attention some posts that you might have missed like.....click on the link

<i>Yesterday's sticky finds</i>	<i>Three roman brooches</i>
<i>Saxon bridle strap piece?</i>	<i>Back to the stubble</i>
<i>Artefact ID needed unusual</i>	<i>Cut half (2/3)</i>
<i>A lead flowery thing</i>	<i>Lead shield thingy</i>
<i>Viking ring disclaimed</i>	<i>Alexander III - cut half?</i>
<i>Gaming piece, trade/ coin weight?</i>	<i>Henry & the bleeders 2006</i>
<i>Livery buttons</i>	<i>Stainless steel sand scoop</i>
<i>Can anyone ID this cut half for me please 8-)</i>	<i>Bird Ring.</i>
<i>Hammy help</i>	<i>Flattened penny.</i>
<i>Mixture of finds.</i>	<i>Bag Seal</i>

Happy ending (almost.....) By Doodle

We moved into our house 30 years ago. It was owned by a farmer who had two sisters, they had all grown up there. We became friends of both the farmer and his, by now, elderly sisters. We invited the sisters over for coffee on a number of occasions, the first visit was about 10 years ago. We learned much about life here in the 1930's and 40's - not easy by all accounts.....

The older sister Mary told us the story of when they were about 12 years old one Sunday they put on their 'Sunday best' to walk across the fields to visit a neighbour - Mary decided (without asking permission) to wear her grandmother's gold brooch. You can guess what happened - she lost it! She was terrified of telling her mother what had happened, but eventually had to own up.....



(Continued on page 7)

She explained to us roughly the route she had taken - since then we have looked many times in the area mentioned, but no luck. Two weeks ago my husband took his detector and said he was going to try again - well.....lo and behold he found the brooch, minus the pin - it was only about 2 inches below the surface - the field had just been silaged so conditions were good. Once washed in soap and water it shone like new. You can see how Mary must have caught it on something which opened the clasp and tore the pin off.

There isn't a hallmark, but it says 15 CT - has anyone any ideas where it might have originated from? We decided that it must have been in the ground 75-80 years

Sadly Mary died about 2 years ago but her sister lives locally - she was absolutely delighted to hear the news. We delivered it last week and were really pleased to hear she is giving it to Mary's grand daughter.

Ironically the first gold item either of us have found.....and we knew who it had belonged to...!

© Doodle April 2018.

UPDATE: The Great Grand Daughter of the lady who lost the brooch now has it and has had it made into a pendant.

From Making Derbyshire Safer Metal Detecting Association

Sadly a few years ago there was that terrible attack on tourists in Tunisia and unfortunately a lot of the victims and survivors were from Derbyshire. Some of whom were known to our members. So as part of our ideas and suggestions scheme it was agreed that we should do something annually for the victims survivors and their families.

As so many of the victims can't enjoy their hobbies with their friends or families anymore it was decided that the most respectful and appropriate choice was that a voluntary solemn memorial weekend was to be held annually in Derbyshire.

So this year we ask all our members, independent detectorists, metal detecting clubs and clubs thinking about coming into Derbyshire to detect to abstain from our lovely hobby from the 22-24 June 2018 and to use this time to think about the victims, the survivors and their families. We all agree it's a lovely way to remember them.

The participation has been great with not one report from the public about any detectorist being disrespectful and ignoring the commemoration weekend.

Yours sincerely and thankfully John Potts, Association Spokesperson.

An unexpected find

By

Theo van Meurs

After the tulip bulbs were removed from a field in my village, I sought to have a few hours on a warm sunny evening with the metal detector.

Time was limited, because the field would be quickly processed for another crop. The usual finds emerged; a penny and a pair of corroded copper coins.

It started to get dark when I heard a pretty clear signal in the headphones. After digging a hole, I found the signal was in a clump of soil in which I saw a glimpse of a golden hook!

Usually, it would be something like an insignificant piece of gilded aluminum (fair hanger), but because I am richer with experience, I still bunched the earth into a plastic bag for cleaning at home.

While cleaning came more out and the final result was beyond expectation. It turned out to be a gold pendant with beautiful decoration on both sides!

My first thought was that it could be a pendant, but due to the substantial size of the hook with a kind of safety clip, I understood that this was not to be hung on an earlobe.

Now this is the fun of this hobby - you can find unexpected things and then investigate exactly where it had been used. Finding what date or period the item belongs to ultimately, makes it more interesting! The next step was to make a good description of the jewelry, and to submit it to an expert.

The dimensions are: overall length (with the hook straight up) 38 mm; the greatest width 14 mm. At the bottom hangs a stylus with an eye, which is connected by means of a eye with the hanger. On front side is a cut stone mounted in the center, and around it are six circles of gold, filled with glass paste (white) and with a black dot in the middle.

There are mounted around three large black circles with four white dots in the comma-shaped spaces around these beads are traces of white and black paste present. The back side, the same adornment except the middle, there is no cut stone but a fourth (big) globe present.

This information I have send to Mr. Martijn Akkerman, jewelry expert of the Dutch television program "Tussen Kunst & Kitsch".

(Continued on page 9)



He recognized this gem straight away and has seen similar items, mostly of silver, before. However, for the higher class, they were also made of gold. It is a "Akerhaakje" (Dutch word), and manufactured in the Netherlands around 1620 - 1650. The middle stone is probably a garnet.

The "akertjes" itself were tassels of silk or cotton. Various portraits show from the time they are worn by men under the lace collar.

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City architect of Leiden: William Leendertzoon van der Helm and his wife Belytgen Cornelisdr. van der Schelt and son, cutout painting by Barent Fabritius 1656 .(Rijksmuseum te Amsterdam).

On this painting is on the lace collar of William a "akertje " can be seen. What is also good to see, is the pendant to the headband of his wife Belytgen. Underneath this pendant is a pearl visible, it seems that this is the same type of pendant like my find! Is it still an earring?

If it was hanging in the earlobe the spot on the face is not correct, this is much lower than where the ear is. So it depends on a kind of headband that a lace cap would hold the akertje.

Was this a free interpretation of the painter Fabritius, or were these head brackets at this time really so worn with a pendant?

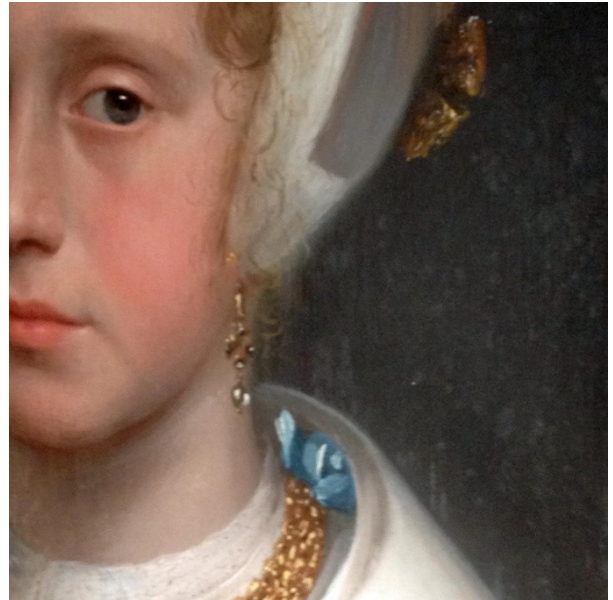
(Continued on page 11)

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On my quest I found through further research into the West Frisian Museum in Hoorn two portraits of the sisters Mary and Ludwina Teding made by the Hoornse painter : Abraham Lieds (1604 - 1668), this shows the hangers good, also to a kind of headband and a gem.



Ludwina Teding (1655)



Maria Teding (1655)

My conclusion is that it is a pendant for a headband, this is because the ear is hidden beneath the bracket, so will replace the earring!

So you see, you find a relatively small object and end up researching some great history.

Theo van Meurs,
Hoogkarspel, October 2015

Thanks to Mr. Martijn Akkerman, Alkmaar.

References:

Paintings; Ludwina Teding and Maria Teding Westfriesmuseum, inventory numbers: 01 239 and 01240.

Painting; Willem Leendert zoon van der Helm, Rijksmuseum in Amsterdam inventory number : SK-A-1304

What a day Monday was! 50KG WW2 BOMB

By
DetectorDudeFrank

On a Monday afternoon I went on my usual quick 2 hour hunt before getting ready for my late shift at work.

I was working on a new permission of around 120 acres of land. I've been working on one of the fields for about a week or so and decided to hit the other side using the Norfolk Wolf method. I had a huge banging signal. I knew it was most likely iron. Usually I wouldn't even dig such a signal on my two hour hunts but decided to anyway because I thought cleaning up the field would be good and the owner would be happy that a big piece of iron is gone from his field.

I started digging and around 30cm the monster seen the light of day again after 50 years. At first I thought it might be a helmet from WW2 because all I saw was a round helmet type shape. I wanted to dig around the relic a bit more to see if I was right. (See video and you will understand exactly) I then starting thinking before digging again. "man this sure does have a bomb feeling to it. "



(Continued from page 12)

Then I took to my XP Goldmaxx once again to get a feel how long it might be. I realized this beast can't be a helmet. It's just too long and big of a sound. I stopped immediately and covered the hole back up. I marked the spot on my GPS and called the local authorities right away.

Within an hour a nice sunny early quiet spring day became a crazy day. The experts confirmed that it was a bomb and a 50kg American aerial bomb to be exact. They evacuated 850 people before successfully disarming the bomb via the extraction of the fuse.

What a day. All I can say is I thank the Lord that no one including myself got hurt or killed. It's good to know that a metal detectorist potentially saved a lot of lives. The farmer wanted to plough the field next week.

Now I have infinite permission on the fields ;)



(Continued on page 14)

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Here is a video of the find

[Click Here to watch video](#)

Pictures were not taken by me. Credit goes to SDMG/ Dettenmayer

FINDS BAG

A Closer Look at Artefacts in Your Finds Bag

By Kev Woodward

The Portable Antiquities Scheme (PAS) database is testimony to the way our hobby has taken to recording our hard won finds and the results are transforming coin and artefact research and studies. However, some of the records are brief, merely containing a description and nothing else. If you are after more detailed information on a particular artefact little is there to assist unless it is a treasure find, which tend to be researched more thoroughly. This occasional series will attempt to focus on various artefact types and attempts to fill in some of the information gaps you may encounter and 'flesh out' some of the 'bland' entries on the PAS database.

Pocket Sundials



Image courtesy of CJ's metal-detecting pages

Once considered a rare find amongst archaeological finds experts, detectorists have now recorded around seventy examples on the PAS database. As many are found in broken segments it is highly possible that there are many more recordable items sitting in the detectorists scrap box. Hopefully the following will aid identification of these enigmatic artefacts so that a more complete record of them can be made.

Before the mid-18th century availability of clocks and watches were restricted to the wealthy and even then they were not a common sight. For those that needed to know roughly what time of the day it was the pocket sundial became available to those that could afford it sometime within the 16th century, although a rare example has been

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recorded from a 13th century deposit. They are sometimes called ring dials or in the times they were used, a 'Poke dial', after the archaic term for a pocket.

They consist of a copper alloy ring approximately 40mm in diameter and 10mm width. Around the middle there is a groove that holds a wire that is free to move around the circumference of the body, the ends not quite meeting to form a small gap. The groove opens to become an aperture for approximately half of the circumference of the main ring. The outer body is inscribed with two rows of letters I F M A M I and inverted to this line I A S O N D, these denote the months of the year where the letter I is used instead of J in the typical Latin form. The interior of the body is inscribed with numbers ranging from 1 to 12, although not all are always present. These denote the hours of the day and sometimes have dots or lines to divide the hours in half or even quarters. There is usually a loop on the body to accommodate a suspension chain. On better quality items an inscription is engraved on the body usually a short saying, for example "The Life of a Dying Man is Measured by a Span"



Image courtesy of CJ's metal-detecting pages

To operate the sundial the sliding wire collar gap would be set into position for the month of the year and when the dial was suspended vertically, the sun would shine through the hole in the collar, through the slot, and onto the interior of the ring. The hour could then be read by looking at the closest gradation mark to the spot of light on the interior of the ring.

I have been fortunate enough to find two pocket sundials so far, both from the same field about twenty years ago. I have attempted to use them on several occasions with little success, may be the (now missing) gilt coating helped accentuate the shadow.

As already mentioned most of these sundials are found as broken pieces and are not a well-known detecting find, so I would recommend a search of your scrap box to see if you can add to the recorded corpus of these wonderful finds.

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Some examples from PAS. All are copyright PAS.



SUNDIAL Unique [ID: NLM-139849](#)



SUNDIAL Unique [ID: SWYOR-2295A2](#)

UKDN FUN DSLR - Camera PHOTOGRAPHIC COMPETITION

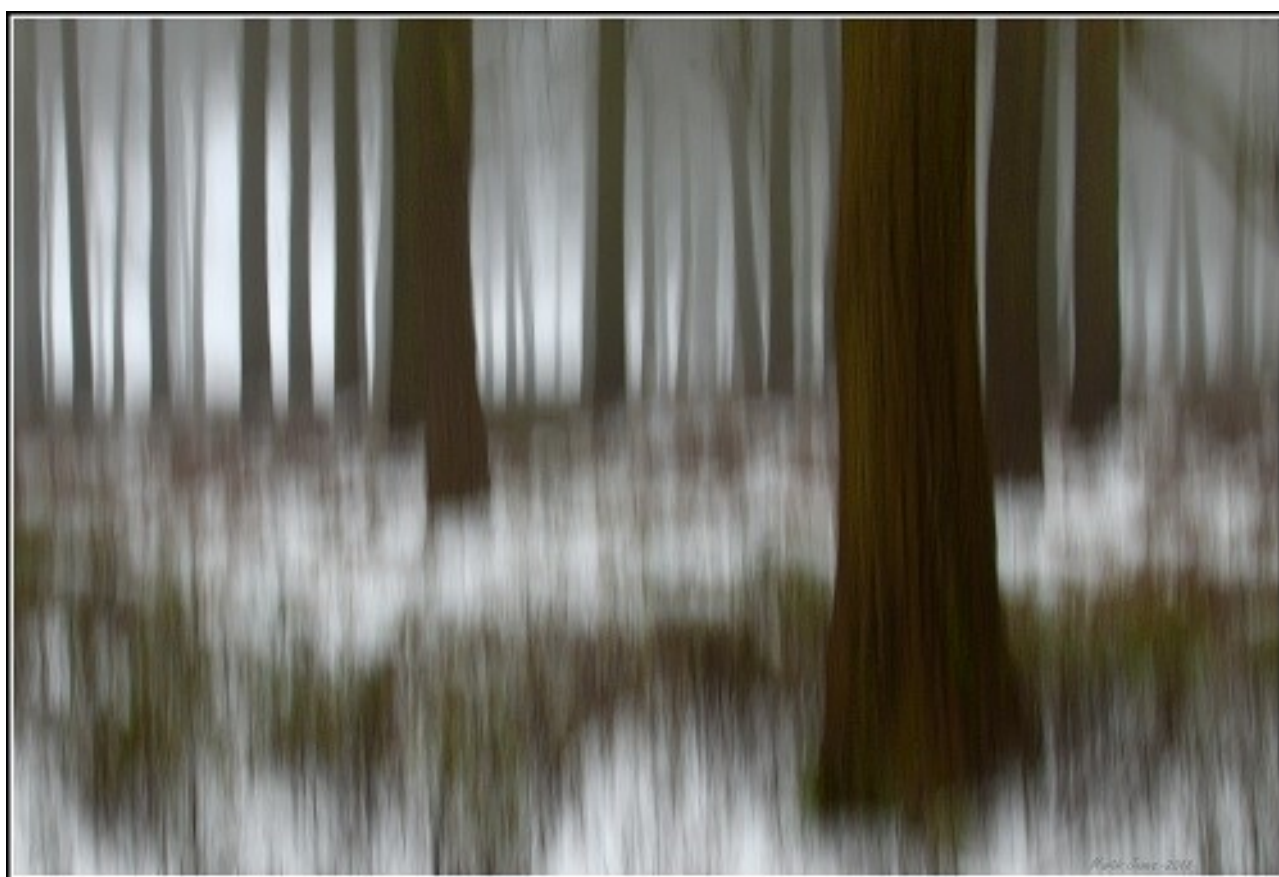
**Winner - Jimmytheferret -
Character from re-enactment
troupe in La Palma.**

Taken with a Nikon D300S & a Nikon 70-200 2.8



UKDN FUN DSLR - Camera PHOTOGRAPHIC COMPETITION

Runner-up - Restyler - Winter Wonderland.



Went to Cannock Chase to try to get some 'Deer in Snow', unfortunately they were all in hiding, so tried to be creative doing some 1/4 sec 'up-sweeps' of the woodland Winter Woodland - Canon 80D / 28-300mm / f22

UKDN FUN POINT, PRESS & PRAY PHOTOGRAPHIC COMPETITION

Winner - Restyler - View from a local Canal Bridge

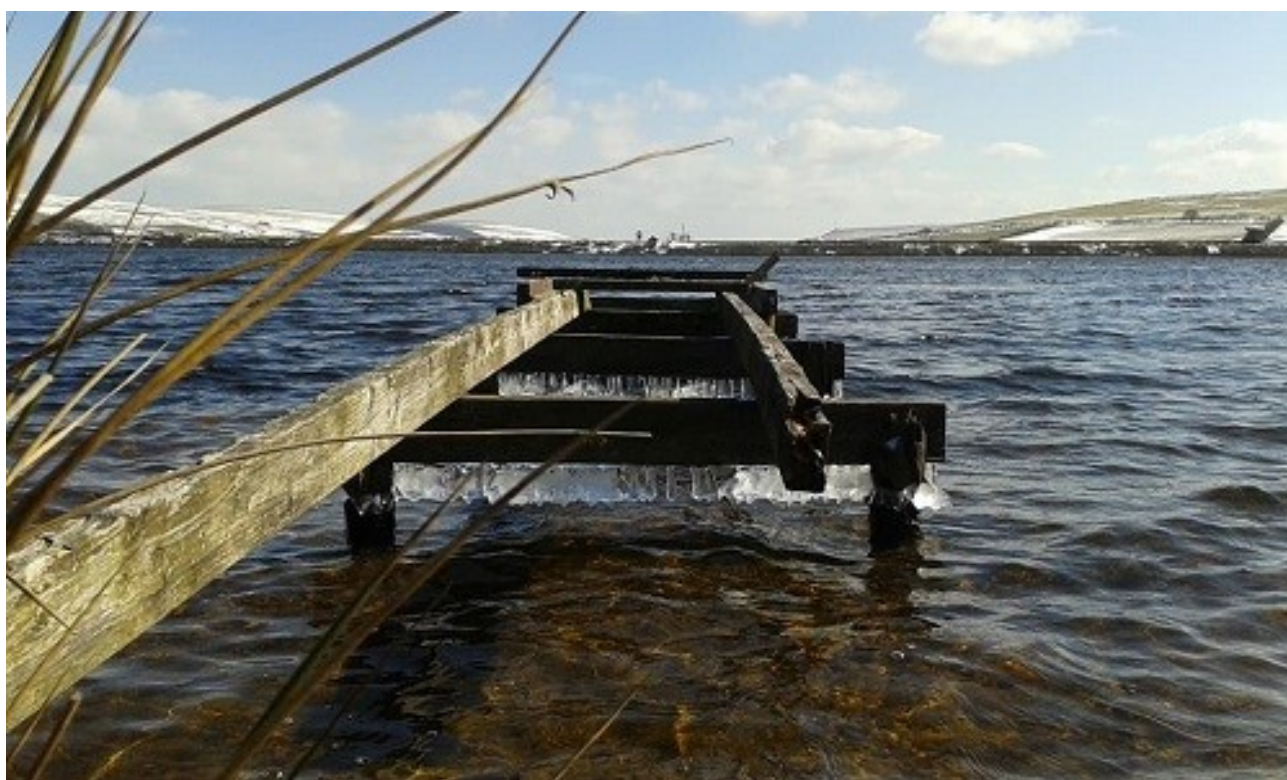


View from a local Canal Bridge while detecting in a nearby field
Olympus TG 860

Still Waters

UKDN FUN POINT, PRESS & PRAY PHOTOGRAPHIC COMPETITION

Runner-up - Casa-Dos - Ice on the broken walkway



Sony cyber shot

ARCHAEOLOGY-TYPE FINDS BAGS EXCELLENT



Made of strong, durable 200 gauge polythene with grip-seal openings and with three write-on panels.

Supplied in a three useful sizes to suit all occasions i.e. 1.5" x 2.5 inch for coins and very small finds, 2.5" x 3 inch for larger coins and artefacts and 4" x 5.5 inch for the larger finds.

Sold in batches of multiples of 100 e.g. 300 or 600 or just 100, 500 and 1,000.

All sold at very competitive prices with no rip-off fees for postage. For more info and to order go to the

UKDN Shop via the link on the below.

*100 small bags - £2.90 INC. postage
500 small bags - £9.20 inc. postage
1000 small bags - £13.99 inc. postage*

*100 medium bags - £3.20 inc. postage
500 medium bags - £9.90 inc. postage
1000 medium bags - £15.50 inc. postage*

*100 large bags - £4.99 inc. postage
500 large bags - £14.50 inc. postage
1000 large bags - £23.00 inc. postage*

[Link to UKDN Shop](#)

News and Views from April 2018

Hadrian's Wall: Roman cremation urns go on display

Chinese items stolen from Bath Museum of East Asia

Bronze age pot uncovered in Cornwall field

Lost soldiers' grave at Culloden discovered...

1,000-year-old coins, rings, and a Thor's hammer

Gask Ridge

Medieval warrior attached a knife to his arm...

Iron Age study targets British DNA mystery

'Very rare' Saxon coins found by detectorist

Hunt for Stone Age site in North Sea

Anglo-Saxon coin found in Norfolk field

Anglo-Saxon replica ship project to start...

The mystery of Beachy Head Lady

Short Cross Hoard.



Operation Chronos is a National Operation tackling Unlawful Metal Detecting .

You can contact Operation Chronos via the following:

Pc 677 Andy Long, UK co-ordinator
chronos@essex.pnn.police.uk
Tel: **07890 513899**

Your local Police Heritage Crime Officer on **101**



Scan this QR code with a smart phone to visit the Operation Chronos webpages.



Nighthawking Unlawful Metal Detecting A land owner's guide



What is Nighthawking?

Nighthawking is a term used in the United Kingdom to describe illegal metal detecting on farmland, archaeological sites and other areas of archaeological interest, usually in order to steal coins and other artefacts for their historical and financial value. Nighthawking refers to the fact that such illegal activity is often undertaken at night to avoid detection and arrest. Although this is deceiving as it also occurs during the day. It can occur anywhere in the country, but counties such as Yorkshire, Essex, Kent, Lincolnshire, Norfolk, Cambridgeshire and Suffolk are particularly vulnerable due to the rich heritage and large amounts of arable land that exist in these areas.

What should you do if you find Night Hawks on your land?

Whether day or night, if you find Nighthawkers on your land call the Police on 999, as there is a crime in progress. Do not approach them as this would scare them off or they may become aggressive towards you. Gather information by taking registration numbers of vehicles and descriptions of those involved and pass these details to the Police immediately.

[Crime in your area](#)
[click on Crime Map](#)



Arable



Cereal farmers 'crucial' to demand for healthy breakfast

With breakfast seen across the globe as a key part of a healthy lifestyle, Cereals Partners Worldwide's John Gavin talks about the importance of UK farmers' provenance and high standards to Nestle Cereals.

[arable](#), [Business](#), [Crops](#)



Development potato herbicide on trial

Bayer's new herbicide for use in potatoes is said to have impressed in trials giving good control of a broad range of weeds.

[Agronomy](#), [arable](#), [Arable Farming](#), [Crop protection](#), [Crops](#)



BASF to acquire seeds and crop protection assets in Bayer/Monsanto deal

BASF has signed an agreement to acquire assets from Bayer which it agreed to divest of as part of the merger

[arable](#), [Business](#), [Crop protection](#)



EU votes in favour of almost complete ban on neonics

Further restrictions on neonicotinoid pesticides have been approved following a vote in the European Commission.

[Agronomy](#), [arable](#), [Arable Farming](#), [Crop protection](#), [Crops](#), [Neonicotinoids](#)



Rock & Roll Farming special: Featuring Defra Secretary of State Michael Gove

Every week on Rock & Roll Farming, Will Evans interviews different farmers and people involved in the agricultural industry, with the aim of showcasing some of the incredible characters and the interesting things they are doing.

[arable](#), [dairy](#), [farm life](#), [livestock](#)





Detectorists are seen by the public as portrayed in the media, dare I say as the good, the bad and the ugly, ie;

- Those who are recovering our history for the benefit of future generations by following [the code of practice for responsible metal detecting in England and Wales](#) agreed by all parties including the NCMD, the NFU and English Heritage, by helping in the community and recording their finds.

And by reporting all finds as [Treasure Trove in Scotland](#).

- Those who are depriving future generations of our history by not following the code of practice and not recording their finds even though [recording is mandatory in the countryside stewardship landowners agreement](#).

- Those who are thieves who use detectors to steal from farmland and Scheduled monuments.

This new section of the magazine is to promote good practice and is dedicated to the ambassadors of the hobby of whom we are so proud. Their deeds have in the past been spread throughout the magazine but are now brought together to improve their presentation.

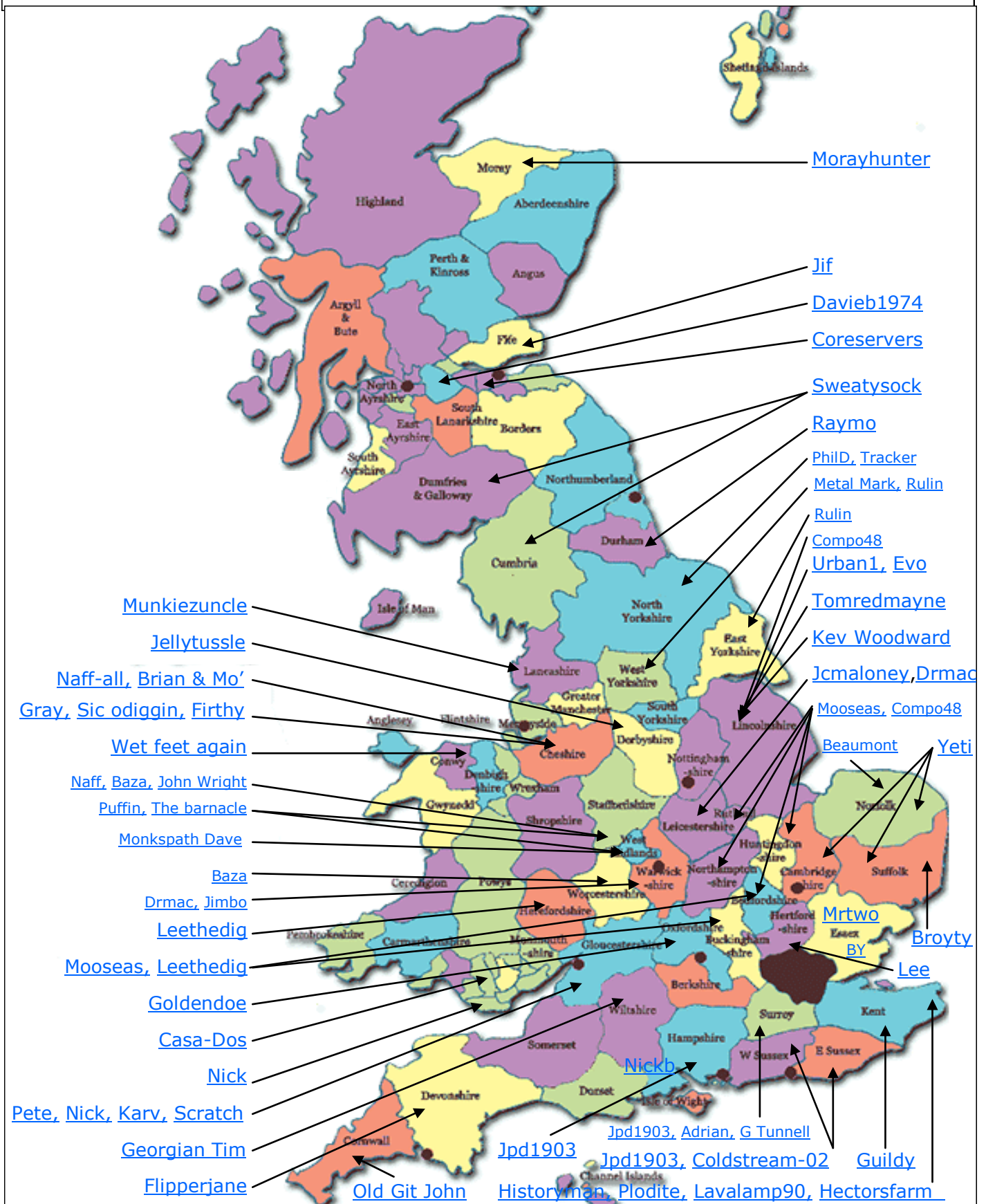
CODE OF PRACTICE FOR RESPONSIBLE METAL DETECTING UPDATED

'Very rare' Saxon coins found by detectorist



Community Archaeology Volunteers on Uk Detector Net

Click on the names for more information



Ways we can help the PAS

PAS funding has been reduced leading to fewer FLO's and so the PAS is looking for better ways to manage their work load as they are working at full capacity;

<https://finds.org.uk/getinvolved/guides/pressures>

They are taking on volunteer recorders;

<https://finds.org.uk/getinvolved/volunteering/role/id/12>

And are promoting self recording;

<https://finds.org.uk/counties/leicestershire/tag/british-museum/>

I would welcome any suggestions on how we can help PAS and the hobby get through this period of austerity.

My thoughts are that we can all help by having information available when recording, the more help we can give the PAS the better I.e. By;

1. Have a National Grid Reference of your find spot ready when you see the FLO, this saves getting a map out and finding the NGR. If you can give a 10 figure reference using a GPS it would be much appreciated;

http://www.amazon.co.uk/s/ref=nb_sb_noss_1/276-8734508-8923167?url=search-alias%3Daps&field-keywords=garmin+etrex&rh=i%3Aaps%2Ck%3Agarmin+etrex

Or download the Grid Reference App to your Android phone (set it for 10 figs); https://play.google.com/store/apps/details?id=net.blerg&hl=en_GB

Or use the Grid Reference Finder website;

<http://www.gridreferencefinder.com/>

2. If you can fill in the details of your find on a "Finds recording sheet" in advance this will save precious PAS time. Basic info; <http://atoz.forumukdetectornet.co.uk/PAS%20find%20recording%20labels.doc>

More info; <http://atoz.forumukdetectornet.co.uk/PAS%20finds%20recording%20sheet.pdf>

3. Better still if you are willing to purchase a set of jewelers scales; http://www.amazon.co.uk/s/ref=nb_sb_ss_i_4_8?url=search-alias%3Daps&field-keywords=jewelers+scales&sprefix=jewelers%2Caps%2C188&rh=i%3Aaps%2Ck%3Ajewelers+scales

And a digital caliper;

http://www.amazon.co.uk/s/?ie=UTF8&keywords=caliper+measure&tag=googhydr-21&index=aps&hvadid=48450325458&hvpos=1t1&hvexid=&hvnetw=g&hvrandid=5959077009827215455&hvpone=&hvptwo=&hvmmt=b&hvdev=c&ref=pd_sl_9rw416xiuq_b

The weights and dimensions of the finds would be much appreciated saving even more time.

Tip - to show your landowner the finds you have recorded with PAS;

Log on to PAS

Click on your name

Look down the account list and the URL containing your unique identifier number will be shown in blue. Email this URL to your landowner or friends etc.

4. Or you can go the whole hog and self record, this requires you to undertake an initial meeting with your FLO to assess your level of ability and then up to 5 training sessions with PAS to ensure you are competent to do this as you would need to take quality images of the finds and ID them accurately as per others on the PAS database and enter them correctly, although not all sessions are necessary if you can demonstrate that you are able to self record to the PAS standard. Your FLO is only an email or phone call away to help and guide you if you are unsure of a particular aspect of self recording.

Volunteers guide to recording objects;

<https://finds.org.uk/volunteerrecording>

Flow of objects;

<https://finds.org.uk/documents/guide.pdf#page=7>

Please feel free to share this information to assist the PAS and strengthen our hobby.

Flickr link for PAS images;

<https://www.flickr.com/photos/finds/albums>

Local Heroes theme song;

<https://www.youtube.com/watch?v=5maW-BTJ2LE>

Find my FLO

<http://rjw57.github.io/findmyflo/>



Welcome to the Portable Antiquities Scheme website
The Portable Antiquities Scheme is a DCMS funded project to encourage the voluntary recording of archaeological objects found by members of the public in England and Wales. Every year many thousands of objects are discovered, many of these by metal-detector users, but also by people whilst out walking, gardening or going about their daily work.



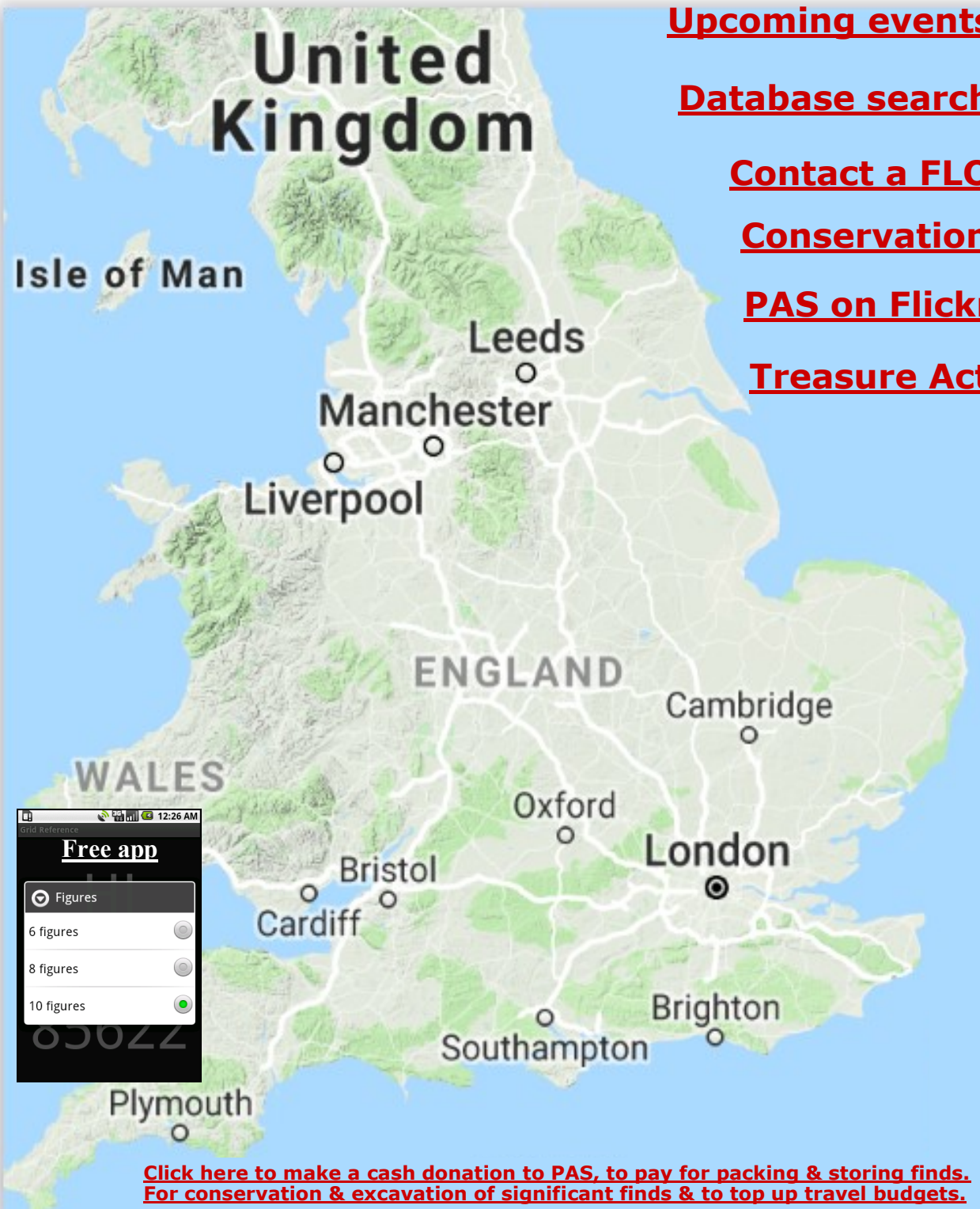
Portable Antiquities Scheme

[Register](#)
[Search the database](#)

www.finds.org.uk

PAS Upcoming Events

Click on text



The image features a map of the United Kingdom with labels for 'United Kingdom', 'Isle of Man', 'Leeds', 'Manchester', 'Liverpool', 'ENGLAND', 'WALES', 'Cambridge', 'Oxford', 'London', 'Bristol', 'Cardiff', 'Southampton', 'Brighton', and 'Plymouth'. A mobile app interface is overlaid on the bottom left, showing a 'Free app' section with a 'Figures' toggle and three options: '6 figures', '8 figures', and '10 figures'. The '10 figures' option is selected. At the bottom of the map, there is a red text box with a link to make a cash donation to PAS.

[Upcoming events](#)

[Database search](#)

[Contact a FLO](#)

[Conservation](#)

[PAS on Flickr](#)

[Treasure Act](#)

[Click here to make a cash donation to PAS, to pay for packing & storing finds. For conservation & excavation of significant finds & to top up travel budgets.](#)

PAS Geographic News

Click on map



PAS on Twitter

Portable Antiquities Retweeted



NWalesFLO @NWales_FLO · 12h

Today's #FindsFriday object comes from #Wrexham it's a 9th-10th century double sided Hiberno Norse strap end coming soon to @wrexhammuseums part of #BuriedintheBorderlands finds.org.uk/database/artef... #responsibledetecting #recordyourfinds @findsorguk

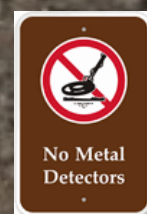


The PAS Database is free to view and record and all find spots are recorded for posterity

Click on the images for more info



Code of Practice for Responsible Metal Detecting in England and Wales



Guidance for landowners, occupiers and tenant farmers in England and Wales

Metal-detecting, Field-walking and Searching for Archaeological Objects: guidance for landowners, occupiers and tenant farmers in England and Wales

This guidance had been jointly produced by the Country, Land & Business Association, the National Farmers Union and the Portable Antiquities Scheme, September 2010.

Best Practice

Conservation Advice Notes



UKDN Detecting Guide - by PhilD			
What do I need	Where can or can't I detect	What might I find	What should I do when I find something
Consent	Farm land permission req'd	Modern finds under 300 yrs old Lead, iron, copper alloy, silver & gold	Recording find spots with an O.S. map or GPS or online map
Permission from the landowner Finders agreement	Reaches Permit req'd for Crown Estates	Recordable finds over 300 yrs old Lead, iron, copper alloy, silver & gold	Recording with PAS Recording Treasure Trove
Club Membership can provide local	Mudlarking Permit req'd	Treasure finds Inform Rally Organiser & FLO	What recording can tell us
Consider NCMD or FLO membership & insurance	Local parks & Council land permission req'd	Saxon Burials & Charcoal buriels Stop digging & report to PAS FLO	Archaeological objects including treasure
Comply with the Responsible Detecting code of practice	Avoid SAM's & SSSI's in England, Wales & Scotland	Green Waste wear gloves take care	Bagging, cleaning & conserving finds
Understanding of the Treasure Act or Treasure Trove (Scotland)	Avoid National Trust land and Nature Reserves	Diseases wear gloves take care	Please consider donating your finds to a Museum
Understanding of board recovery	Avoid battlefields to retain their battle history	Ordnance - stop digging call Police LFA or Modern Bells tell the FLO	Getting involved in archaeology
PAS Guide for finders & farmers & Rally Guidance Note	Avoid footpaths	Join UKDN & see Finds Advisers go to 1047 Find & see even & PAS valuable time	PAS Frequently asked Questions



Useful Weblinks
<i>PAS - getting involved</i>
<i>PAS - Upcoming Events</i>
<i>PAS - self recording</i>
<i>PAS -Recording Timeline</i>
<i>PAS - Advice for finders of archaeological objects including treasure</i>
<i>PAS - Conservation advice notes</i>
<i>PAS - Guidance to landowners, occupiers & tenant farmers in England & Wales</i>
<i>PAS - News from the scheme</i>
<i>Grid Reference Android Phone App</i>
<i>Responsible detecting code of practice</i>
<i>Frome hoard time lapse video of excavation</i>
<i>Press coverage of the Frome hoard discovery</i>
<i>Burnham hoard excavation</i>
<i>Staffordshire hoard excavation</i>
<i>Staffordshire hoard at the BM</i>
<i>Definition of Treasure</i>
<i>To Report Nighthawking - If in progress ring 999, if after the event click here & enter post code, the phone number for your local Police Station is shown on the bottom right hand side</i>
<i>Rallies & Events - Searcher Magazine</i>
<i>Rallies & Events - Treasure Hunting Magazine</i>
<i>Wheresthepath - For O/S & Aerial Maps & National Grid References</i>
<i>Uk Grid Reference and Post Code Finder</i>
<i>Getting involved in archaeology</i>

New members in April 2018

Brian and Mo and the team would like to thank and extend a warm welcome to all the new members listed below who have joined UKDN in the last month. Please introduce yourselves so that the members can welcome you aboard and make you feel at home. [Click here to introduce yourself](#)

If you are not already registered with UKDN you can register by clicking on this link and see what you are missing [Click here to register](#)

mrstimbob

kpnuts

mstickler

Hulk

BeepAbyss

miff_2004

Tacklebox

mudshifter

Tweedle1

Daveszed

Bridgetmary

nigelwinesmith

RobertD

deusman

baggyray



Welcome to UKDN

Your Information Pack

Thank you for joining the UK's most responsible metal detecting forum. We hope it provides you with many hours of enjoyment. This document has been put together to make relevant information about all aspects of the hobby readily available to get you started as quickly as possible whilst adopting the best metal detecting practices.

UKDN (UK DETECTOR NET) was created on September 28th 2002 to bring together responsible metal detectorists everywhere to discuss the hobby, their finds, the machines they use and a million and one other detecting related subjects.

We have a membership list of over 8000 users which is growing daily and UKDN is a very lively forum which, as it's founders **Brian and Mo. Cross** intended, is still FREE to all users.

We run monthly Coin and Find of the Month Competitions which are sponsored by the Treasure Hunting magazine whom we thank for their support. We also run regular free UKDN lottery competitions with detecting related prizes.

UKDN Aims

1. To develop a greater understanding of the hobby and some of the wider issues through healthy pro active debate within the forum and through the monthly Magazine, WORD which is distributed to, and read by, our membership and beyond. WORD Magazine includes UKDN based news and articles, as well as wider news, debate, and issues of heritage interest.
2. To provide a platform to inform beginners in the hobby of the basic principles in the use of a metal detector, gaining permission, site research, basic heritage law, farming scheme rules and in 'best practice' for conservation, recording and co-operation.
3. To actively promote the 'Code of Practice for Responsible Metal Detecting' to all members of the UKDN on-line and beyond.
4. To encourage all UKDN detectorists to record their finds with the appropriate bodies (depending where they detect); In England and Wales, this is with the Portable Antiquities Scheme, in Scotland this is with the Treasure Trove Unit.
5. UKDN will actively work towards ensuring the future security of the hobby. We will liaise and co-operate with heritage professionals in a way which is mutually beneficial to all parties, whilst maintaining our independence, and we encourage their active participation, either in the UKDN on-line community or through our on-line Magazine.

Invite a friend to join UKDN

If you enjoy your visits to UKDN, please consider forwarding this .PDF to a friend inviting him or her to join UKDN, making the forum even bigger and better, by clicking on this link;

[Join UKDN Here](#)

Illegal metal detecting on Scheduled Ancient Monuments, (known as Nighthawking when carried out at night), is smearing the image of our hobby. Should you know of this activity going on, please report it to the local Police, ring 101 or if in progress ring 999.

Detector Manuals

[Bounty Hunter](#)
[C Scope](#)
[Fisher](#)
[Garrett](#)
[Minelab](#)
[Tesoro](#)
[Viking](#)
[Whites](#)
[XP](#)
[Makro](#)
[Teknetics](#)

Magazines

[UKDN WORD Magazine](#)
[Searcher](#)
[Treasure Hunting](#)

Joining a Club

[List of Clubs](#)

Insurance

Highly Recommended, essential for Club members, inexpensive.

[NCMD](#)
[FID](#)

Detecting - Permission must be obtained

Detecting permission is required for all land, it is generally easiest to get on beaches, some areas are owned by the Crown Estate (terms & conditions apply) & some by local Councils who tend to prohibit it, but still try.

Permission on farm land means knocking on farm doors or writing to Landowners to ask permission to search the land (best obtained in writing in case of any later dispute should something of high value be found).

On Entry Level Stewardship (ELS) land you must strictly follow the Responsible Detecting Code of Practice in England & Wales (see below) so Landowners do not compromise the terms of their agreement.

Parks too are generally down to the Local Council who may be worth asking if you can convince them you will cause the minimum of disturbance to the grass, will remove litter, needles, glass etc, leaving it better than it was.

***Detecting is prohibited or special permission must be obtained, these sites are generally shown on the Magic Map, ask your FLO or HER (see over).**

[Beaches - Crown Estate](#)
[Farm Ownership](#)
[Farm Register](#)
[Farm ELS Rules](#)
[Parks \(email Council\)](#)
[Public rights of way](#)
[ELS/HLS Land,](#)
[Battlefields & SAM's, SSSI's](#)
[in England Map*](#)
[Nature Reserves Map*](#)
[SAM's in Wales Map*](#)
[SAM's in Scotland Map*](#)
[Thames foreshore](#)
[Rallies](#)

Codes of Practice

Please respect the Countryside Code. The Responsible Detecting Code of Practice is regarded best practice by those concerned about our heritage.


[Countryside Code](#)
[Responsible Detecting -](#)
[Code of Practice](#)

Portable Antiquities Scheme (PAS) Finds Recording

The PAS is a voluntary scheme to record archaeological objects found by the public in England & Wales. If recorded these finds have the potential to tell us much about the past, such as how & where people lived & about the types of objects they made & used. A recording accuracy of 6 figs min is preferred. Contact your local Finds Liaison Officer to record (see over).

Treasure our past & record it with PAS

[Recording via GPS](#)
[Purchase a GPS](#)
[GPS App for Mobile Phones](#)
[Recording via O/S](#)
[Bagging, Storing &](#)
[Conserving finds](#)

<h2>PAS or HER Finds Recording</h2> <p>Essential if you don't want to leave holes in the archaeological record. To record a find with PAS, contact your Finds Liaison Officer (FLO), who can generally be found at your local Museum (see contact list) . FLO's visit metal detecting clubs too which is a good reason to become a club member.</p>	PAS - Get Involved PAS Contact List Regional Map Advice for finders
<h2>PAS Database</h2> <p>The database contains over 400,000 objects recorded since the creation of PAS in 1997, the vast majority recorded by metal detectorists.</p>	Search Database Search Images
<h2>Historic Environment Records (HER)</h2> <p>You can also record your finds with your county Historic Environmental Records (HER). They also have archaeological records for your area including Tithe Maps & details of Scheduled Ancient Monuments (SAM's).</p>	Contact Details Get involved in archaeology
<h2>Coin Identification</h2> <p>There are lots of internet sites that are useful for identifying coins, here are just a small selection.</p>	Milled Hammered Roman Roman Modern Celtic 
<h2>Maps</h2> <p>Essential for recording & plotting your find spots & researching you sites. The Google Earth with combined O/S map can give you a 10 figure NGR (National Grid Reference). With the Google Earth Version 5.0 you can download your find spots & routes taken with a Global Positioning System (GPS). Magic Map can show no go areas such as SAM's & SSSI's & show ELS agreement land. British History & Vision of Britain are historic maps.</p>	Google Earth & OS 10fig NGR Google Earth Pro Google Earth Fly To Bing Map Magic Map ELS/HLS Land & SAM'S British History Vision of Britain
<h2>Treasure Act & Treasure Trove</h2> <p>Care should be taken excavating treasure & consideration given to it being removed by archaeologists so it's provenance can be properly recorded. Do not clean the find, as this could affect the conservation & therefore the valuation. It must be reported within 14 days, take plenty of photo's & get an independent valuation before handing in if possible.</p>	Treasure Act England & Wales Treasure Trove in Scotland
<h2>Treasure Definition</h2>	See page 8 for definition
<h2>Treasure Reports</h2>	2000/1 2001/3 2003/4 2004/5 2005/6
<h2>Treasure Valuation Committee (TVC)</h2> <p>The TVC has regular meetings to value treasure items found, based upon past valuations & latest commercial information. Their findings can be contested, by submitting your own valuation.</p>	Valuation Info see page 36
<h2>UK DETECTOR NET Useful Links</h2>	UKDN Magazines UKDN Beginners Section UKDN Glossary

Landowner & Detectorist Search Agreement

I am seeking permission to search your land in compliance with the terms & conditions of your [Environmental Stewardship Scheme](#), [The Code of Practice for Responsible Metal Detecting](#) & [Guidance for Land Owners, Occupiers & Tenant Farmers in England & Wales](#) agreed with the [Farmers Union](#). I am also covered by civil liability insurance.

Finds may fall into several categories

Rubbish

Most farmland is contaminated with lead and iron rubbish, some of which can damage farm equipment. This will be removed and the location of any large underground metalwork pointed out to you.



Portable Antiquities

Finds over 300 years old that are not [Treasure](#) will be recovered in a proper manner and reported to the [Portable Antiquities Scheme \(PAS\)](#) for recording on the [National Database](#) along with their find spots in accordance with the [agreed code of practice](#). Finds of significant value (£ agreed with your self) can be sold and the proceeds shared 50/50 should you wish []. Finds of lesser value I the finder shall own and [conserve](#) [].



Treasure

Finds will be recovered in a proper manner. All finds of potential treasure are the property of the Crown and must be reported to the Coroner within 14 days of discovery.

The Coroner will decide whether the finds fall within the definition of Treasure as contained in the [Treasure Act 1996](#).

It will then be for the [Treasure Valuation Committee](#) to assess it's potential value and the disbursement of any reward.

If no museum has expressed an interest, the find will be returned to the finder with the permission of the landowner for disposal by a 50/50 agreement.

You will be kept informed of ALL finds made on your land by means of photographs via regular emails and details of all finds recorded by the PAS.

When all detecting is completed you will receive a memory stick containing records in chronological order of all finds found and a report including timeline graphs thus showing you the history of your land.



Agreed by the Landowner

Address

Agreed by the Detectorist

Address

Date.....

Finds Liaison Officers (FLOs) and their work

The Portable Antiquities Scheme (PAS) has been extremely successful, thanks to the contribution of the many metal-detector users and other finders who have volunteered archaeological finds for recording. However, most FLOs are now working at capacity, and therefore unable to record all finds offered for recording. In some areas volunteers and self-recorders are invaluable, but it is nonetheless necessary for FLOs (Finds Liaison Officers) to develop strategies to decide what to record and meet finder's expectations.

The aim of this note is to summarise the guidance offered to FLOs by the PAS Central Unit (British Museum) on how to work under these pressures.

General

- FLO areas are diverse in their geography, the number of finders and the number of metal-detecting clubs etc, and therefore the PAS needs to adapt to differing local circumstances.
- All FLOs share a job description which is the basis of the funding agreement between the British Museum (which manages the PAS) and the host partners (which employ FLOs).
- Although FLOs work flexible hours they should only work their contracted hours. Therefore they need to balance their time in and out of the office (in order to dedicate enough time to recording finds) by restricting non-office based activities, such as visits to metal-detecting club, finds days etc.
- FLOs receive guidance on PAS policy from the PAS Central Unit via national and regional meetings, and by email. FLOs will normally refer to staff at the Central Unit for guidance on issues such as Stewardship Schemes, nighthawking etc.
- Most FLOs welcome volunteers or self-recorders, but due to practical issues can only take on a certain number at any time. They also must work within the rules set by their local host partners.
- FLOs attend training offered by the British Museum and the PAS Finds Advisers. However, they will refer to other experts about finds offered for recording as necessary. **Unfortunately PAS staff cannot invest time investigating objects that are unlikely to be recorded.**

Any misuse of social media or any other complaints should be reported to info@finds.org.uk or PAS, Department of Britain, Europe and Prehistory, British Museum, London, WC1B 3DG. Tel: 0207 323 8611/8618.

Finds Recording

- The core role of an FLO is to record archaeological finds to further our understanding of the archaeology of England and Wales. Outreach by FLOs is (normally) only undertaken to encourage the further reporting of finds (see above).
- FLOs record on average at least 1000 records a year and these take time to produce. They include a description of the find, find spot details, weight and dimensions, and a photograph or photographs. The PAS ID for the find allows finders to see it on-line and download a report should they wish to have one.
- FLOs will limit the number of finds they take in for recording, and this might vary from FLO area to FLO area. It is sensible for the FLO and finder to agree a time frame within which finds should be returned. FLOs will usually record finds on a first come first served basis, in order to be fair; occasionally there may be finds that require urgent attention that need to be prioritised.

Because many FLOs are working at capacity they need to be selective in what they record. It is at their discretion whether or not they record a particular find, based on local knowledge and experience.

PAS Prioritising Recording Guidance

This guidance note is designed to help FLOs prioritise the recording of finds that advance archaeological knowledge.

General Advice

- It is strongly recommended that FLOs make full use of volunteers and self-recorders.
- Finders should be encouraged to show you all of their finds so that you, not the finder, can exercise discretion whether or not to record a particular find.
- Refer to the PAS guides (e.g. Lithics Recording Protocol) for specific advice.
- Familiarise yourself with the regional and national Research Agendas for your area.
- Keep up to speed with current research projects that use PAS data, especially the sorts of questions researchers are asking of it.
- Develop strong links with your local HER and your local network of heritage professionals, and make use of the Heritage Gateway; these sources of advice may prove important in terms of knowing whether a find or assemblage is important.
- It is good practice to make a note any local recording biases (e.g. only recording crotal bells that have interesting marks, or buttons associated with local militia).

The final decision to record a find will be based on your local knowledge and experience, supplemented (where necessary) by the advice of colleagues. If in doubt, ask.

Recording Priorities

- Priority will be given to finds with good findspots; at least a 6-figure NGR, though ideally greater using GPS. Exceptions may be made in certain circumstances.
- FLOs will selectively record post-medieval objects and coins (i.e. those dating to after 1540). Exceptions can be made for items of social or historical interest.
- Priority will be given to Treasure finds in view of the time constraints stipulated by the Act.
- Priority will be given to new assemblages, such as those which indicate previously unknown sites, and finds which advance knowledge of known 'sites' or landscapes.

Priority will be given to finds that hold greater potential for advancing knowledge of material culture (e.g. typology, dating, distribution etc.).

Priority Checklist (the more ticks an object has the more likely its importance)

- Does this find have at least a 6-figure NGR?
- Is it of national, regional or local importance?
- Does it help identify an area of archaeological potential?
- Does it shed new light on a previously known site?
- Is it an object type that is being researched, or has research potential?
- Is it potential Treasure?

Is it likely to advance knowledge of material culture (such as typology)?

Advice to finders

It is important to explain that the decision to reject a find does not necessarily indicate that it has no archaeological value. Finders should be encouraged to maintain their collections in sufficient order so that non-recorded finds could (in theory) be recorded at a later date.

A cool way to record your find spot National Grid Refs

Download and install 'Grid Reference' app, a free mobile phone app which can give a 10 figure NGR if you have a Google account;

https://play.google.com/store/apps/details?id=net.blerg&hl=en_GB

On the find spot, photo or video your find with your mobile phone and then run the app;

Select 10 figure recording for maximum accuracy

Wait until the maximum number of satellites are acquired for high accuracy

Click on the big letter M at the top of the screen - this lets Google email the grid reference to anyone you want to

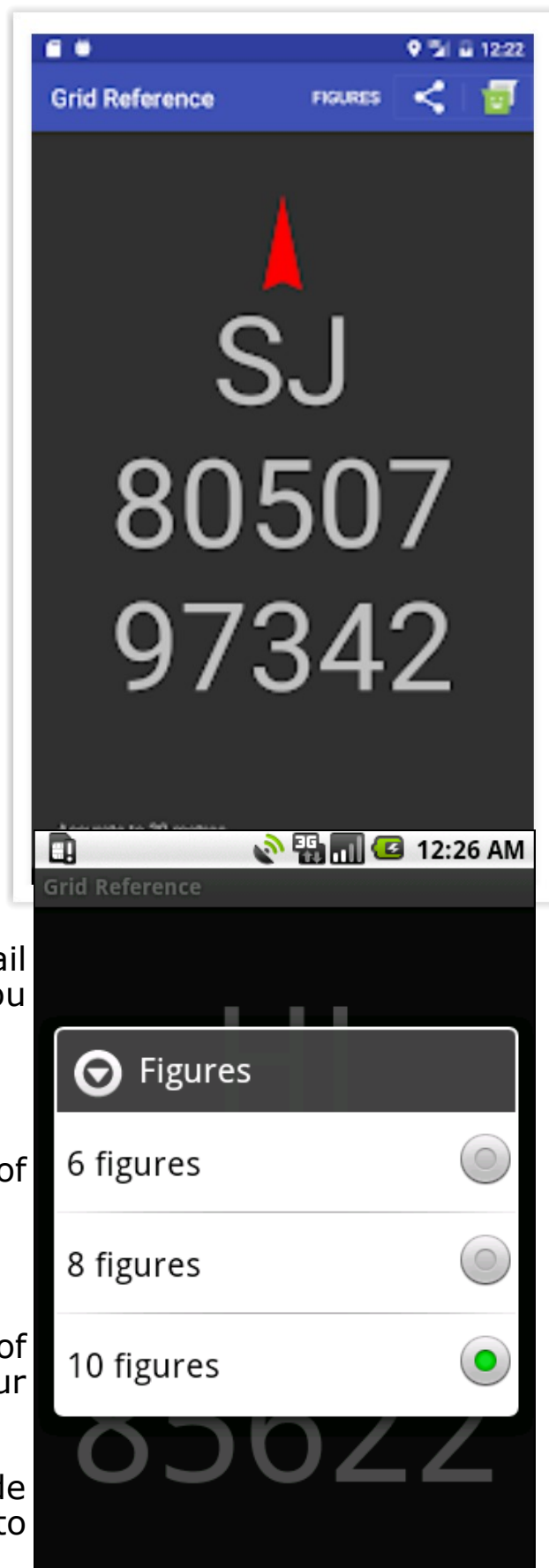
Select your email address

Click on the paperclip at the top of the screen

Attach the photo of the find

Click on the red arrow at to top of the screen to send the email to your PC at home or mobile phone

The email will automatically include the 10 figure NGR of your find to show to the FLO to save time



Finds Recording Sheets

Find Summary ID			
Find Site			
Date Found			
Terrain			
Grid Reference			
Material	Known		Estimated
Find Identity	Known		Estimated
Size	Length/mm	Width/mm	Weight/g
Reference Source			
Artifact date	Known		Estimated
Reference Numbers	PAS		Other

Find Summary ID			
Find Site			
Date Found			
Terrain			
Grid Reference			
Material	Known		Estimated
Find Identity	Known		Estimated
Size	Length/mm	Width/mm	Weight/g
Reference Source			
Artifact date	Known		Estimated
Reference Numbers	PAS		Other

Find Summary ID	Find Site	Date Found	Terrain	Grid Reference	Material	Find Identity		Size	Reference Source	Artifact date	Reference Numbers
						Known	Estimated				
						Known	Estimated				
								Length/mm			
								Width/mm			
								Weight/g			
									Known	Estimated	
									PAS	Other	

About us

UK DETECTOR NET was created on September 28th 2002 to bring together responsible metal detectorists everywhere to discuss the hobby, their finds, the machines they use and a million and one other detecting related subjects.

Visit the forum

[Click here to visit forum](#)

Contact UKDN

enquiry@ukdetectornet.co.uk

UKDN magazines to download

[Download magazines here](#)

View online

[View our Magazines online here](#)

If you would like to contribute to the newsletter please contact either UKDN as above or PhilD via PM,.

UKDN aims

UKDN is a forum for people who are interested in the hobby of metal detecting. UKDN is an online community where members can exchange and share knowledge, their views, discuss the hobby, their finds, the machines they use and a million and one other detecting related subjects. UKDN actively works towards the following aims:

1. Develop a greater understanding of the hobby and some of the wider issues through healthy pro-active debate within the forum and through the monthly magazine, which is distributed to, and read by, our membership and beyond. The magazine includes UKDN based news and articles, as well as wider news, debate, and issues of heritage interest.
2. Provide a platform to inform beginners in the hobby of the basic principles in the use of a metal detector, gaining permission, site research, basic heritage law, farming scheme rules and in the 'best practice' for conservation, recording and co-operation.
3. Actively promotes the 'Code of Practice for Responsible Metal Detecting' to all members of the UKDN online forum and beyond.
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5. UKDN will actively work towards ensuring the future security of the hobby. We will liaise and co-operate with heritage professionals in a way which is mutually beneficial to all parties whilst maintaining our independence, and we encourage their active participation, either in the UKDN online community or through our on-line magazine.