

East Anglian Trophy 2016

As Time Goes By



This year the theme is sundials. Until I started setting this year's competition I knew very little about them, but there are quite a few interesting facts. As you go through each of the trophy points you'll see I've given a bit of information about the type of sundial concerned.

On the following pages there are twenty sets of photos and text that provide clues for where you'll find the sundials. Find the sign or location in the left hand picture and the view in the right hand picture isn't far away. Take a photograph at each place with your bike in it, or if this isn't possible then include your crash helmet, to prove you have visited.

You only need to visit a maximum of fifteen of the twenty locations to give yourself the best chance of winning the competition. There aren't bonus points for visiting more, but don't let that stop you, and the winner will be whoever has visited the most places up to fifteen. In the event of a tie then the entry that is judged to contain the best photo will be the winner. So everyone has the opportunity to submit their best photos entries can include up to two photos for each place, and don't forget at least one needs to include your bike or crash helmet.

Entries need to be submitted to Neil Hopkins, 5 Hereward Close, Wivenhoe, Colchester, CO7 9SB and to arrive by midnight 31st October 2016. If you prefer you can email your entry in pdf format to neil.hopkins30@outlook.com, but please remember you will need to provide a hard copy for people to browse through at the Christmas lunch.

If you have your entry completed a bit early you can bring it to the October AGM and submit it then.



1



When you get close you'll see this 18th century sundial carries the words "Go about your business". This is not some sort of rebuke, but refers to the church porch having been the place to conduct parish business. The part that casts the shadow is called a gnomon.



2



This equatorial sundial commemorates this section of the quay being open to the public in 1976 by the Olympic gold medallist Reg White. Sundials give the solar time there is a plate giving the correction to be applied to get the precise local time, and the dial 15° to read British Summer Time using the pointer at the base.



3



This is an armillary sundial although a bit more complex than most, as they usually only have rings representing the equator, which has the hours marked on it, and the meridian. The gnomon is parallel to the earth's axis. This one commemorates the local victims of the 1953 flood.

	4	
Another armillary sundial, but in the more usual form, is by the sculptor Wendy Taylor representing optimism and progress. Given where the sundial is located both of these are hard to visualise, but nevertheless this is my favourite.		

	5	
This is quite an impressive vertical sundial on the wall of a grade II listed building. The inscription on the dial translates as, "I don't count the hours unless they're tranquil", which I think is good advice to all of us.		

	6	
More words of wisdom on the dial which marks time over this club.		

	7	
This type of sundial has a vertical gnomon and is known as an analemmatic. This one is a human variation as someone needs to stand on the month of the year in the middle for their shadow to give the right time. Make sure you don't arrive on market day for this one though.		

	8	
This wood and plaster sundial is well maintained and looks good despite its exposed position on the historic moot hall.		

	9	
This stone dial also acts a meridian line marker. If you're wondering why the stone is set at an angle to the path this is so it faces due south. As this dial is under a tree you'll need to go slowly to spot it.		



10



This is a good example of a horizontal sundial. On this type of sundial the gnomon points north and so it tells the local time it is at an angle equal to the latitude of the location.



11



When you visit this one you may want to take a look in the local museum Bishop Bonner's cottage next to the sundial.



12



This one is a bit unusual being a sundial and clock combined. This is a direct south dial and as with horizontal dials the gnomon is at the same angle as the latitude of the location.



13



The Latin text on this dial is asking us to watch and pray.



14



This cast dial shows bishops including St. Anthony Abbot with his pig. The coat of arms is also shown in a wooden carving in the church and is described as the Royal coat of arms of the Stuarts.



15



This dial is a south east decliner which means it doesn't face due south, the gnomon doesn't point towards 12 o'clock but more 11:30 am in this case. You'll notice the hour marks are closer together for the morning compared with the afternoon.



16



This dial commemorates the 100th anniversary of World War 1. If you're at this one at the right time you can take a break in the visitor centre cafe.



17



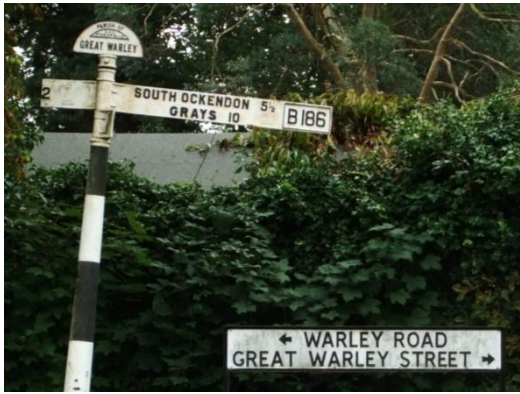
It is traditional for sundials to carry a motto but it seems one wasn't enough here. If you're wondering which building this dial is on then take a look at trophy point number 1.



18



While sundials are only useful in the day this former school house could be a nice place to put your feet up for the night.



19



This sundial is a real interesting one. Not only does it give the time but has additional markings, declination lines, that use the length on the shadow cast by the gnomon to give particular dates during the year.



20



This is a rather sad looking dial which doesn't even have a motto. However, it is a clear example of a south west decliner with the afternoon hours much more tightly grouped than the morning hours.