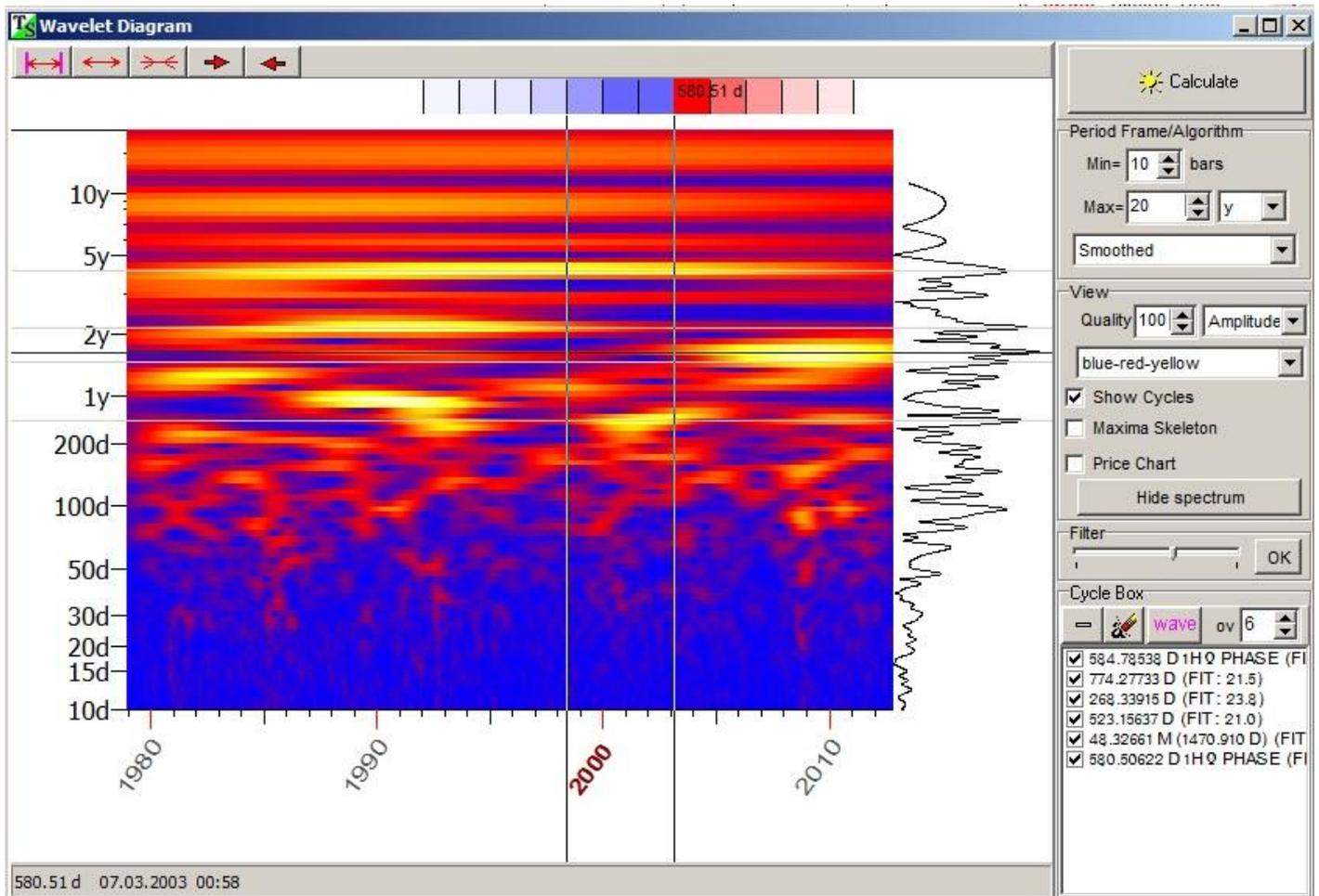


## EUR/USD RESEARCH 01

### → SPECTRUM STUDY ←

I have studied more than 30 years EOD price data of EUR/USD (Before EURO, ECU data used). Below is the spectrum analysing of the market;



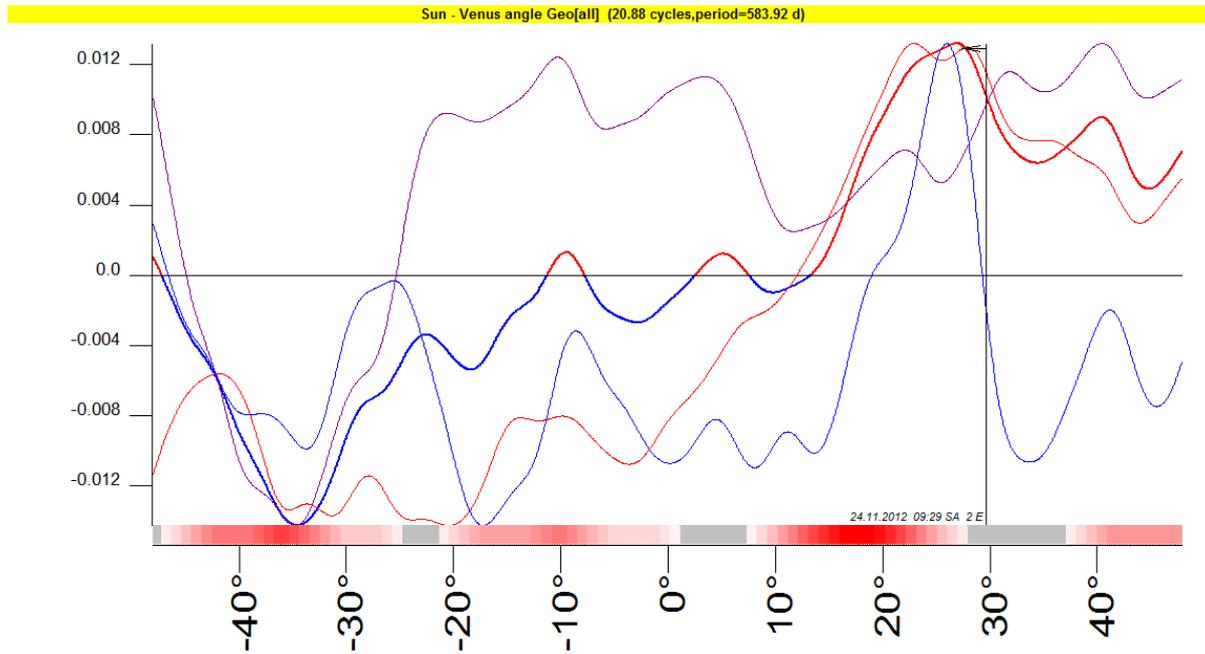
As seen from the chart some periods occurred, lived some time and then disappeared. And interestingly some periods several times appeared and disappeared. I more interested in astronomical relationships with dominant periods.

Currently most dominant cycle is 584.785 days cycle which is in action almost in last years. This cycle appeared before 90's but its signal was not so strong. This duration is very close to Sun-Venus Synodic period which is 583.92 days.

Second dominant period is 774.277 days. Yes! Not surprised. This is very close to synodic period of MARS which is actually 779.93 days. However Mars lost its impact on the market after the year of 2000. This is interesting too. When ECU became EURO, Mars gave it its power to Venus.

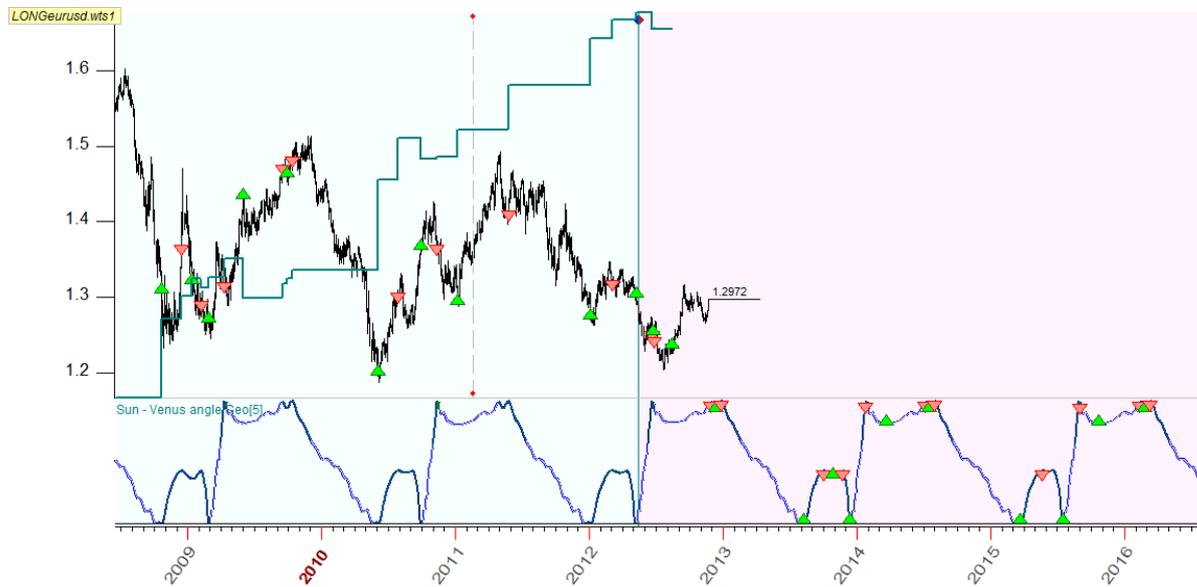
I couldn't find connection with other periods with planetary cycles. But need to be investigated connections with harmonics of planetary cycles.

So let's look some closely to these two planets. First Venus;

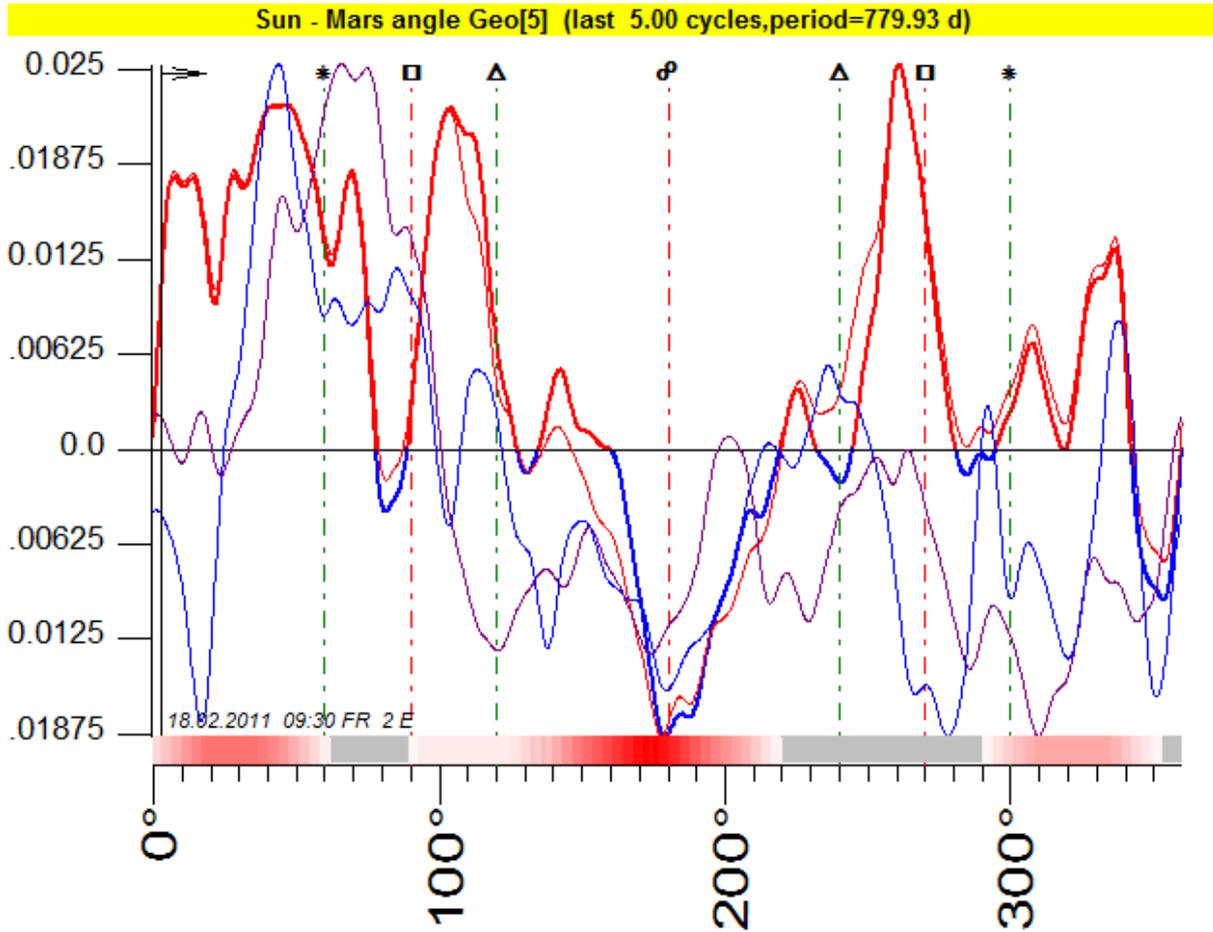


After solving training period testing interval gives a correlation value of 0.4060. This is pretty good! After some training positive correlations reaches 90%.

Below are current signals;



How about Mars;



For Mars correlation value in testing interval is -0.2077. Because it is synodic period is long, I don't have enough data to analyse it. However back testing in training period for 5% swing gave 72% winners in 89 predictions and 3/3 winners on testing period. It looks not bad too. By the way what is to see is when Mars opposite of Sun market make a bottom.

Current picture of Mars Synodic Period is shown below;



At the beginning of 2013 this cycle give sell signal.

When think both cycles together both shows lower prices after New Year. This should be considered when giving trade decisions.

GOOD LUCK ☺

Erhan EKER

<http://astroeuro.blogspot.com/>