

SWING CHART PROGRAM / ROBOT DEBUGGING & ENHANCING

Hi,

We have previously sourced a freelance coder to create a "1, 2 and 3 bar swing chart across all time frames" on MT4. The job was successful to a point.

This program now requires de-bugging as the previous coder could not do the job as requested. So PLEASE do not accept this job unless you are confident you can give the end product as described.

After acceptance any improvements to the original "Actual Program workings or user friendliness" would also be greatly appreciated if your experience would "Enhance" the program.

As is normal, we require "FULL" Rights and "COPYRIGHT" stamped on the program or certificated.

Thank you.

The job, is set out below please forgive the length and detail as this has to be perfect and explained correctly by us, so that you, the coder, can be assured of getting the program/robot correct -

"HAS TO BE PERFECT AND WORK ACCURATELY

OTHERWISE THERE IS NO POINT IN DOING THE JOB"

PLEASE HOLD THIS IN MIND "before" TAKING THE JOB ON.

I will of course attach the program and instructions how to use it. That has already been part way completed and needs de-bugging, after acceptance of the job.

Here are the list of things that need to be corrected/de-bugged: -

1. The multitude of windows that are opened in "MT4" and indicators attached should be remembered at closing of the "MT4" program.

The program already does this to a point, but when opened a few hours later or the day after , it will open as if some of the data is corrupted, as per picture (Bar_chart_data_loss) below -



requiring the user to close down the chart and start again. Therefore, not user friendly at the moment.

2. The "SWING" program, once operating in a particular time frame "Will Not" flick between one time frame and another. For example, if the Swing program is started in time frame "4 hour" you cannot switch to the "15 minute" time frame without losing the ability to keep running the "Swing Program" as the connection between the live chart and "Offline" chart is lost.

Or you have to re-open another "OFF line" chart in that particular time frame and then it opens with "Double Data" as per picture below -



**** Flicking through the different time frames in the original Market chart opened without losing connection is required. ****

Again this is to enhance being "user friendly" and not requiring a lot of different time frames open at once.

Instead the MT4 can have more Currency pairs to work on open at the same time for example.

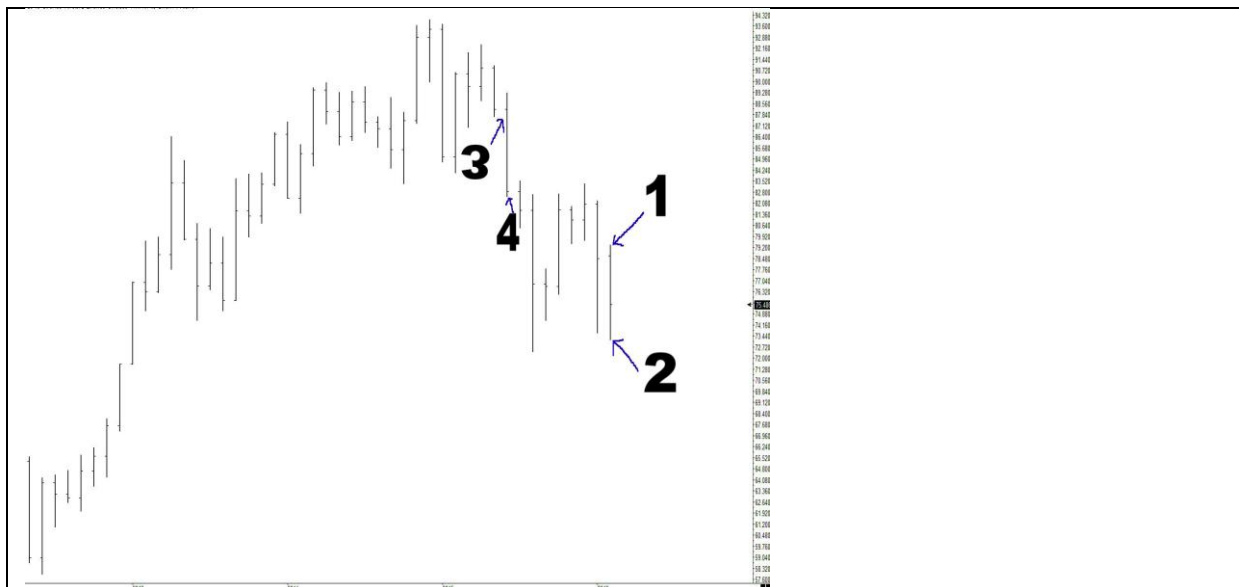
3. The "swing Program" does "NOT" understand the market movements accurately and therefore we are not able to rely on it or trust it.

For your better understanding of how we want the "swing chart" to be made,

The picture below is of a chart made up of what is called a "BAR" chart

and the information on it is: -

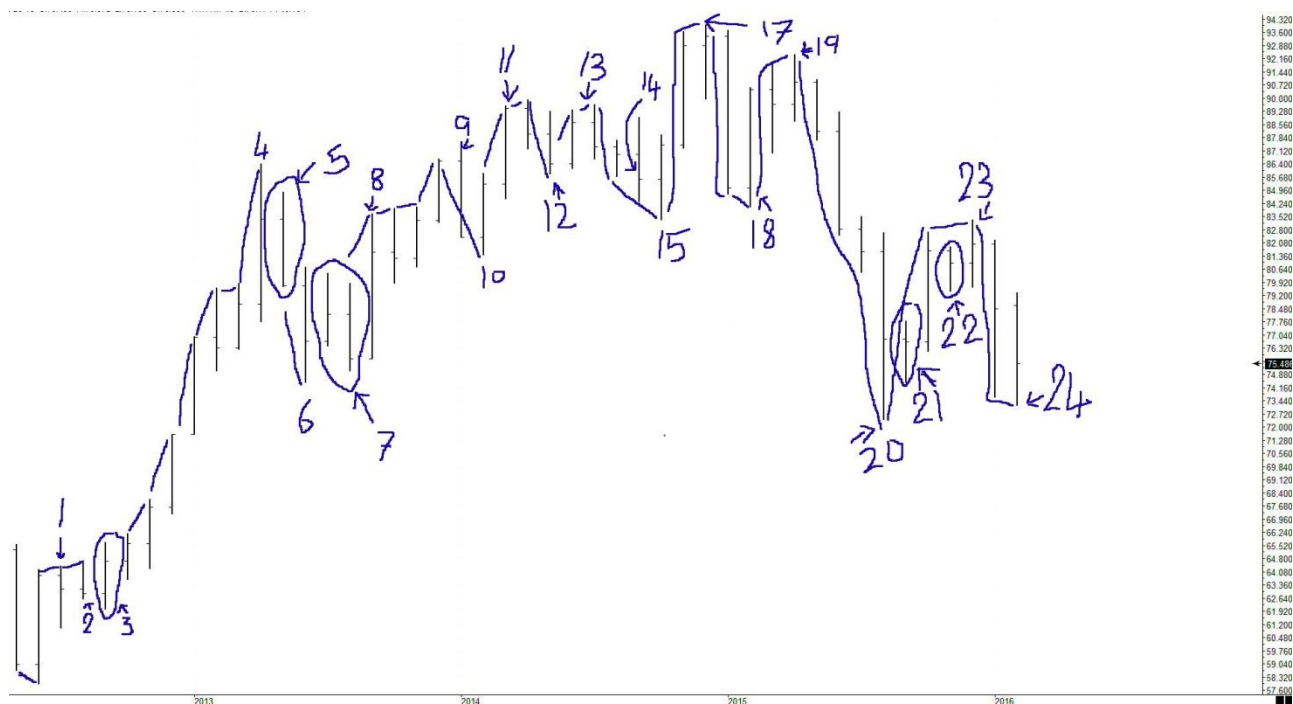
- 1) High of bar – The highest point of the vertical line is the highest the particular market traded in that SAME segment of time.
- 2) Low of bar - The lowest point of the vertical line is the lowest the particular market traded in that SAME segment of time.
- 3) Small horizontal line to the left of the vertical bar is where the price began/opened for this SAME segment of time.
- 4) Small horizontal line to the right of the vertical bar is where the price ended/closed for this SAME segment of time.



The "Swing Program" will now understand this "DATA" in such a way as to draw what is known as a "Swing Chart".

The program already does this but not properly.

I will use the above "Bar Chart" again and again to try to illustrate the building of these "Swing Charts" . Please ask me if you require any further examples etc : -



Whatever the "Time Frame", we want to draw a "1 bar swing chart", a "2 (Consecutive) bar swing chart" and a "3 (Consecutive) bar swing chart".

This is drawn, using the chart above as an example, at the different points as per described below: -

1. The previous bar, at this point, is a bottom (lower top and lower bottom than the bar "BEFORE" it).

At the point of 1. This bar is the first bar that has a price movement of a "higher top and higher bottom" to the previous bars data so the "Swing Chart" goes from the low of the bar "BEFORE" to the high of this bar on a "Count of 1".

2. At the point of 2. This is the second bar which has a price movement of a "higher top and higher bottom" to the previous bar's data so the "Swing Chart" continues to be drawn to the top of the second bar for a "Count of 2 (Consecutive)"

So these 2 bars would show "in" an upward direction on the "1 and 2" Bar Swing charts drawn.

3. At the point of 3. This third bar is known as a "Without Bar" and as you can see it has a higher top but a lower bottom too. Therefore this movement is ignored by the "Swing Program" and also now affects the count back down to zero awaiting the next bar to know where to go next.

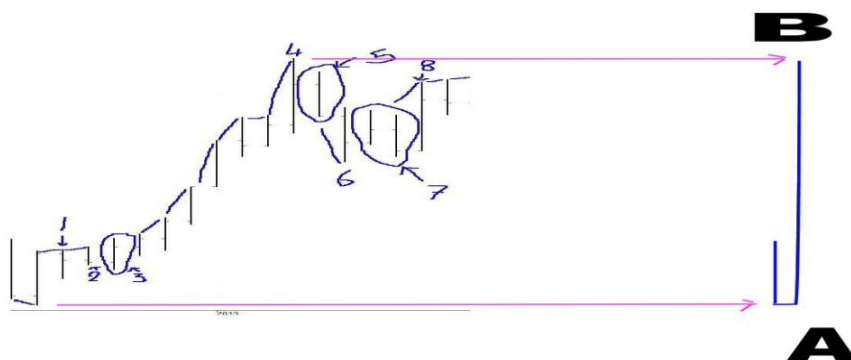
4. The next bar after point 3. is actually a "higher top and higher bottom" so now the line on the Swing Chart continues to be drawn in an upward direction on the 1 bar "Swing Chart" to the top of this bar on a count of 1, when this bar has closed. Then moves to the next bar data.

So this will "now" only show up on the "1 bar swing chart" and is on the count of 1.

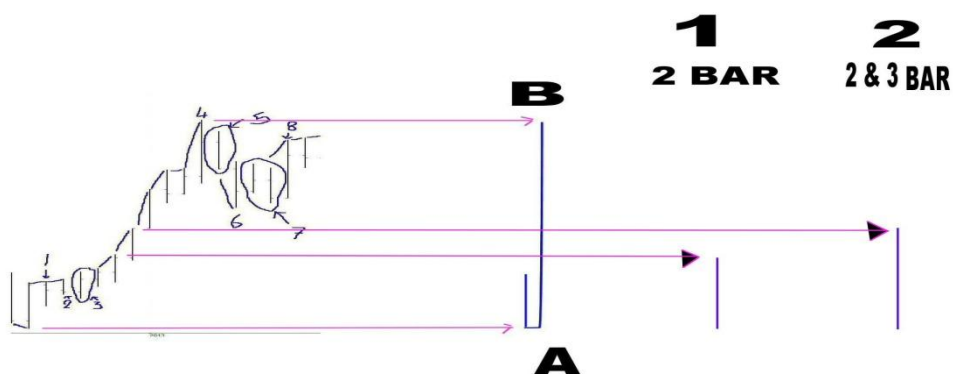
5. At the point of 4. The bar movements have now gone up " NUMERICALLY higher top and higher bottom" at this point to a count of 7 i.e. 7 separate and consecutive bars that have followed the NUMERICALLY higher bottom and higher top rule.

This line will now show up on the 1, 2 and 3 bar "Swing Program".

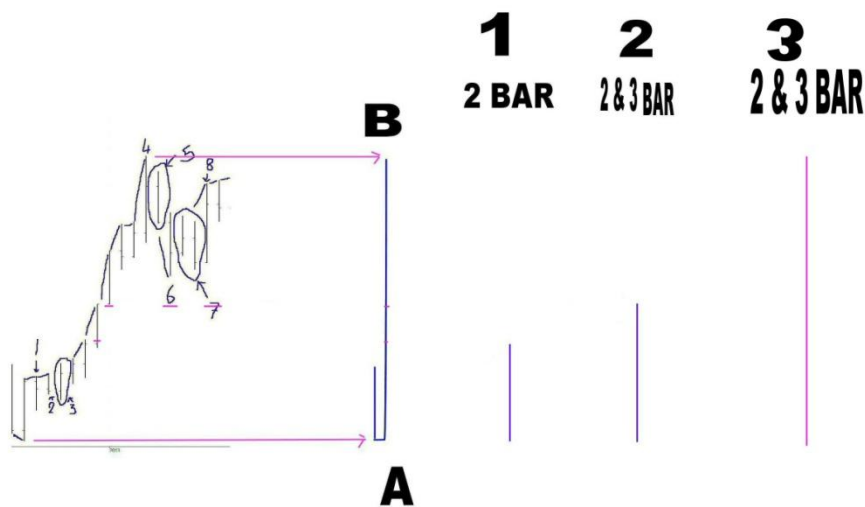
A line will now appear and be drawn like A to B as per picture below for the "1 bar swing" but just a line up for the "2 & 3 bar swing" as we only know the "DOWN" count is a count of 1, for the previous fall before Point 1 -



At bar count 2 on this 7 bar run up, the 2 bar "Swing" would look like the line running up at position "1 - 2 BAR" in the picture below. Then at Bar 3 on this 7 bar run up, the 2 & 3 bar "Swing" would look like the line running up at position "2 - 2 & 3 BAR" in the picture below.

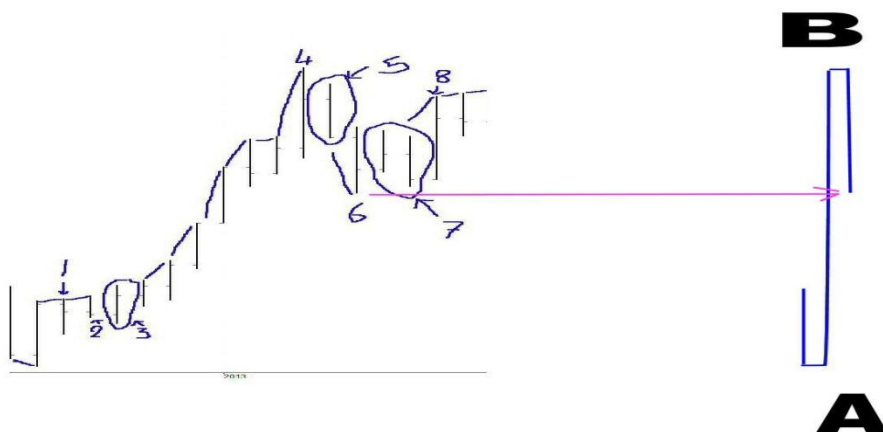


Finally at point 4 on the chart the actual 2 & 3 Bar "Swing Chart" on this 7 bar run up, the 2 & 3 Bar "Swing" would look like the line running up at position "3 - 2 & 3 BAR" in the picture below.



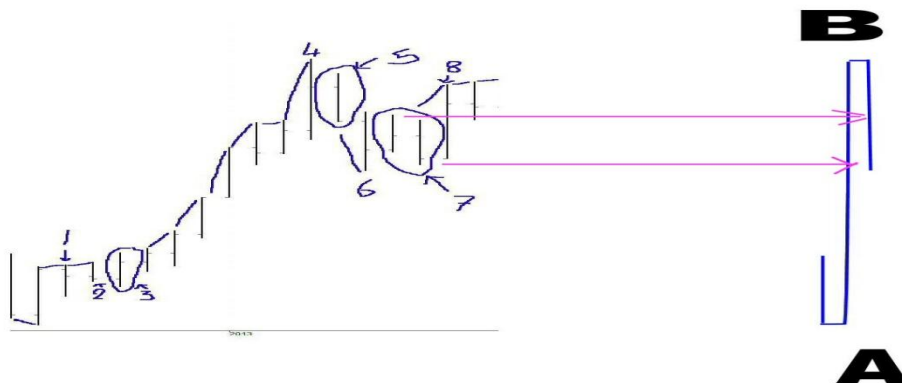
6. At the point of 5. This bar is what is known as a "Within Bar" as it has a lower top and a higher bottom, therefore operating "within" the data of the previous bar. Again this movement is ignored by the "Swing Program" except the count now goes "BACK" to zero again and re-starts the count again.

7. At the point of 6. This is a "Down Bar" as it has a "True NUMERICALLY lower top and a lower bottom" and moves the "Swing" downwards for the first time since just before point 1. The count is started again, this time for a "DOWN" movement count of 1.



8. At the point of 7. You will notice at this point 7 the movement of the first bar of these 2 bars is a "Within Bar" which is again ignored by the "Swing Program" except the count is zero again. The second bar in the circle at 7 is a true NUMERICALLY lower top and lower bottom, but is still higher than the previous "SWING BOTTOM" so does "NOT" affect the "Swing Bar Program" as per picture, NO change from previous "SWING" picture.

BUT does affect the "Count" and is a count of 1.



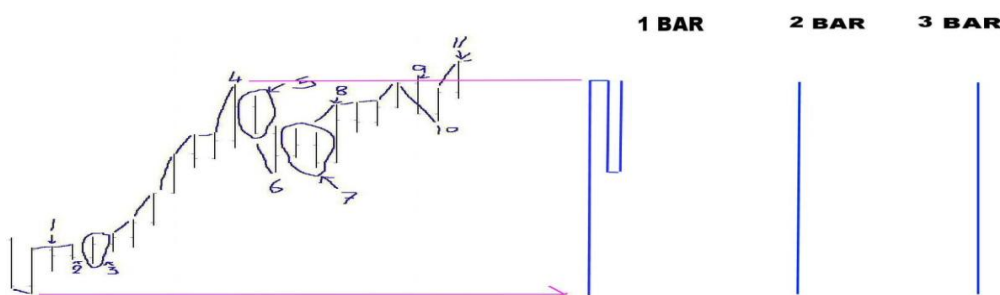
until

9. At the point of 8. This bar data is "NOW" an up bar because this now has a "NUMERICALLY higher top and higher bottom" so moves the "Swing Program" up on a count of 1. So will show up on the 1 bar swing chart.

The next bar has a "higher top and higher bottom" so now moves the "Swing Program" up on a count of 2. So will show up on the 1 and "NOW" also the 2 bar swing chart.

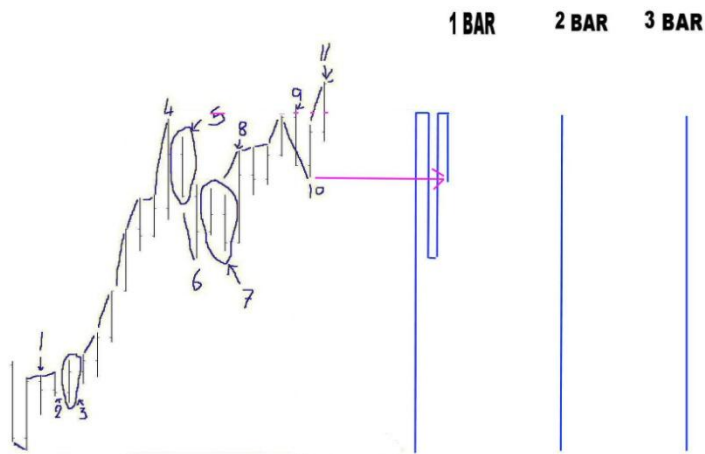
The next bar has a "higher top and higher bottom" so now moves the "Swing Program" up on a count of 3. So will show up on the 1, also the 2 bar swing chart and "NOW" on the 3 bar swing chart.

The next bar has a "higher top and higher bottom" so now moves the "Swing Program" up on a count of 4. So will show up on the 1, also the 2 bar swing chart and also on the 3 bar swing chart. The different "Swing Charts", "WHEN CHOSEN" would look like this picture for the same amount of time-

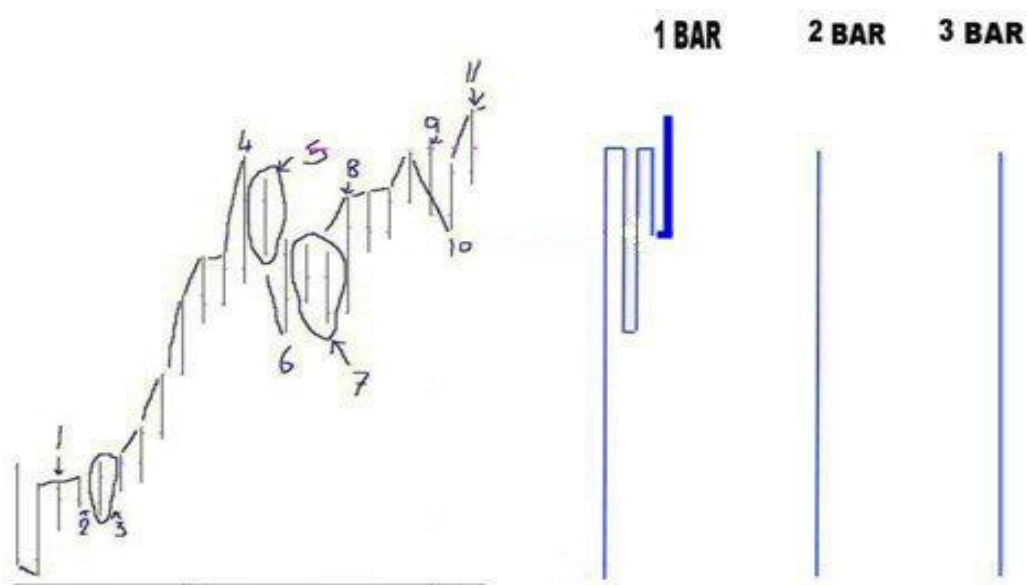


10. At the point of 9. This is another without bar as you can see has a higher top but a lower bottom too, therefore is ignored by the "Swing Program" but now sets the count back to zero.

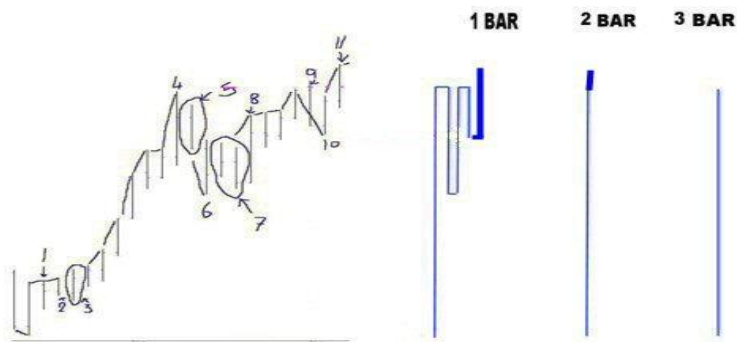
11. At the point of 10. This bar is a down bar "lower top and lower bottom" and moves the 1 bar swing chart down on a count of 1.



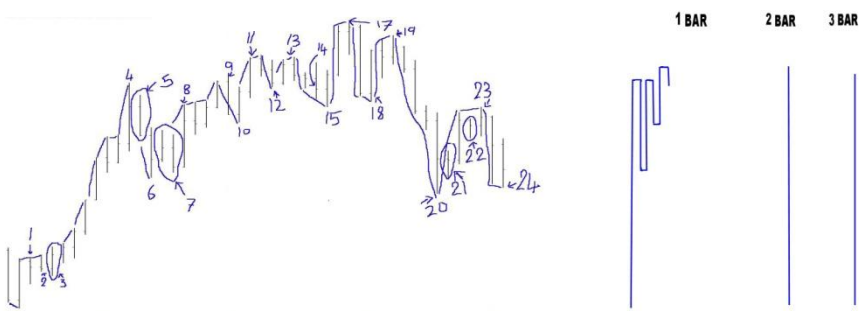
12. At the point of 11. This bar is an up bar as this now has a "higher top and higher bottom" so now moves the "Swing Program" up on a count of 1. So will show up on the 1 bar swing chart.



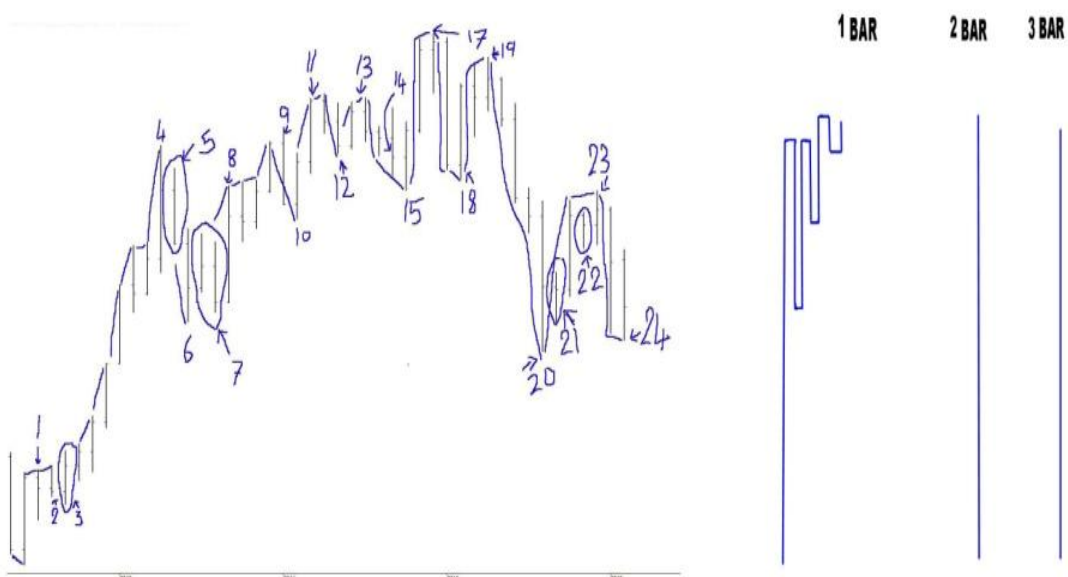
The next bar is also up bar as this now has a "higher top and higher bottom" so now moves the "Swing Program" up on a count of 2. So will show up on the 1 & 2 bar swing chart.



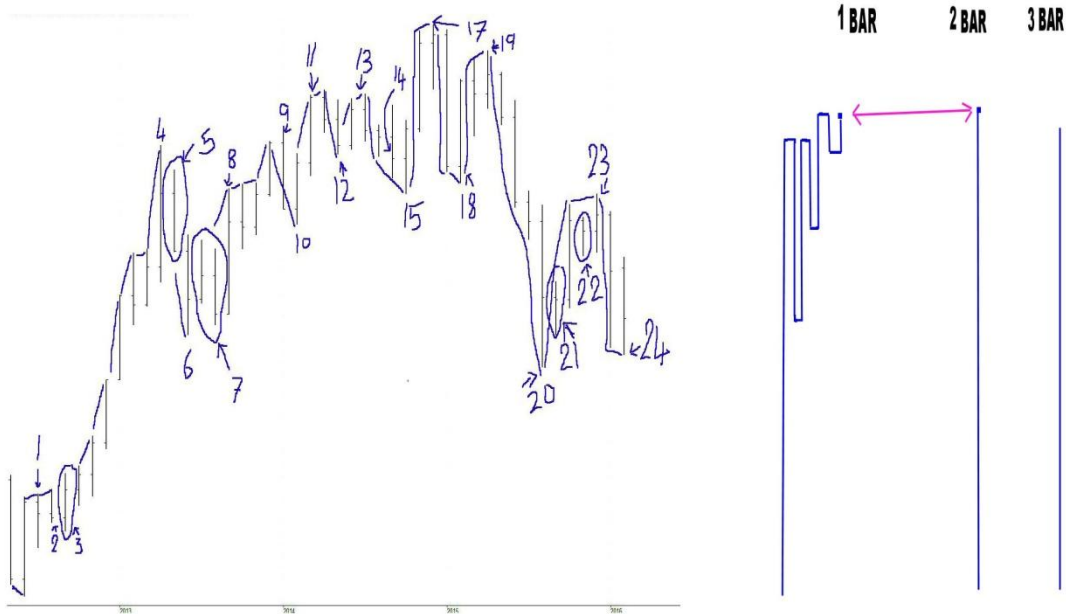
13. At the point of 12. This bar is a down bar "lower top and lower bottom" and moves the 1 bar swing chart down on a count of 1.



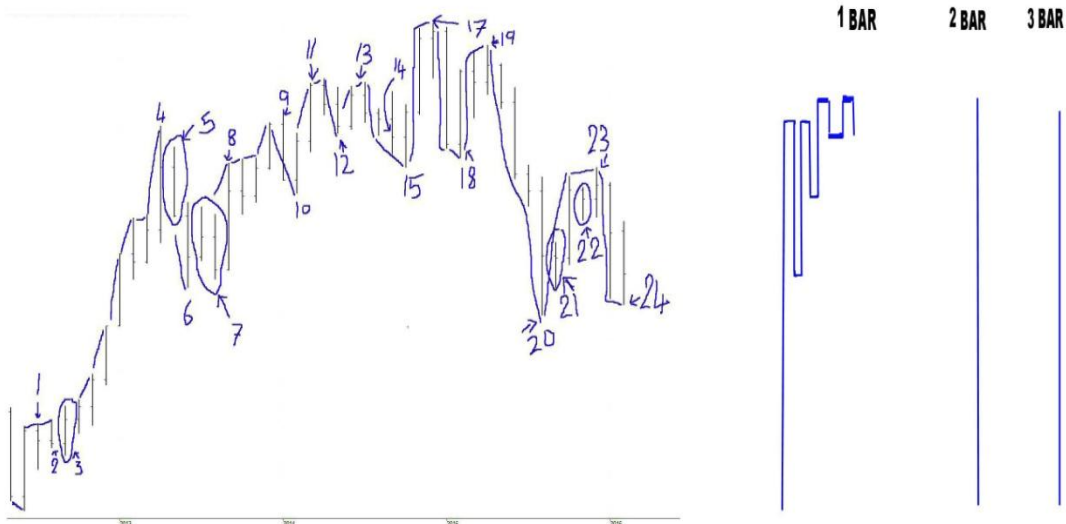
14. At the point of 13. This bar is an up bar as this now has a "higher top and higher bottom" so now moves the "Swing Program" up on a count of 1. So will show up on the 1 bar swing chart.



The next bar is also up bar as this now has a "higher top and higher bottom" so now moves the "Swing Program" up on a count of 2. So will show up on the 1 & 2 bar swing chart.

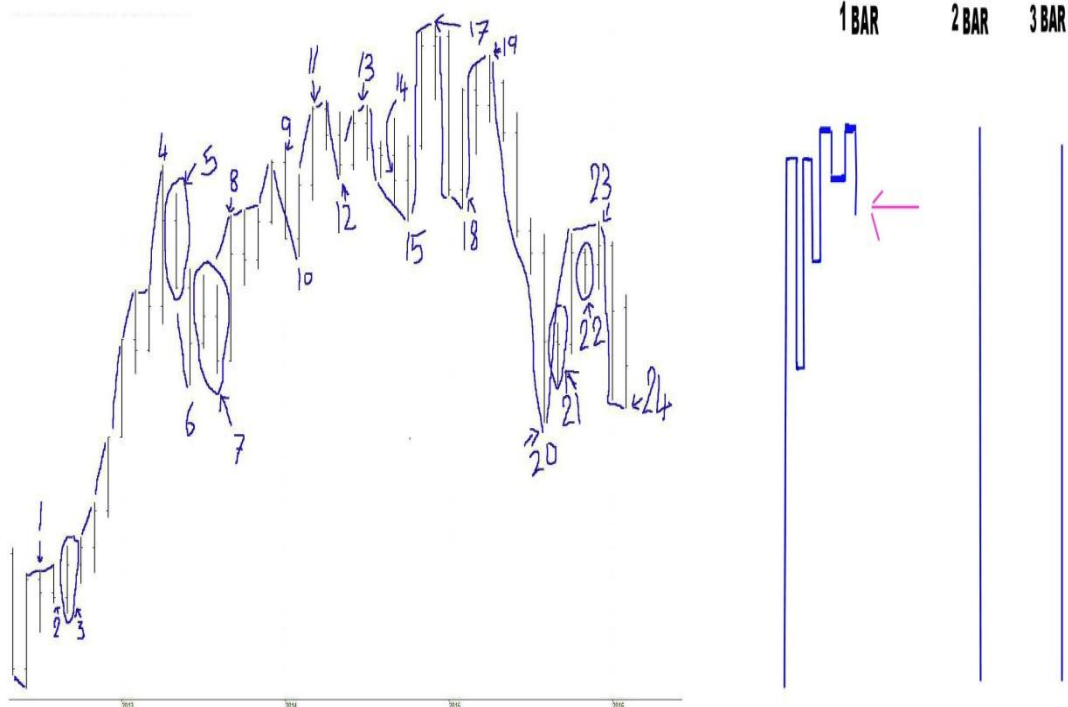


The next bar is a down on a count of 1.



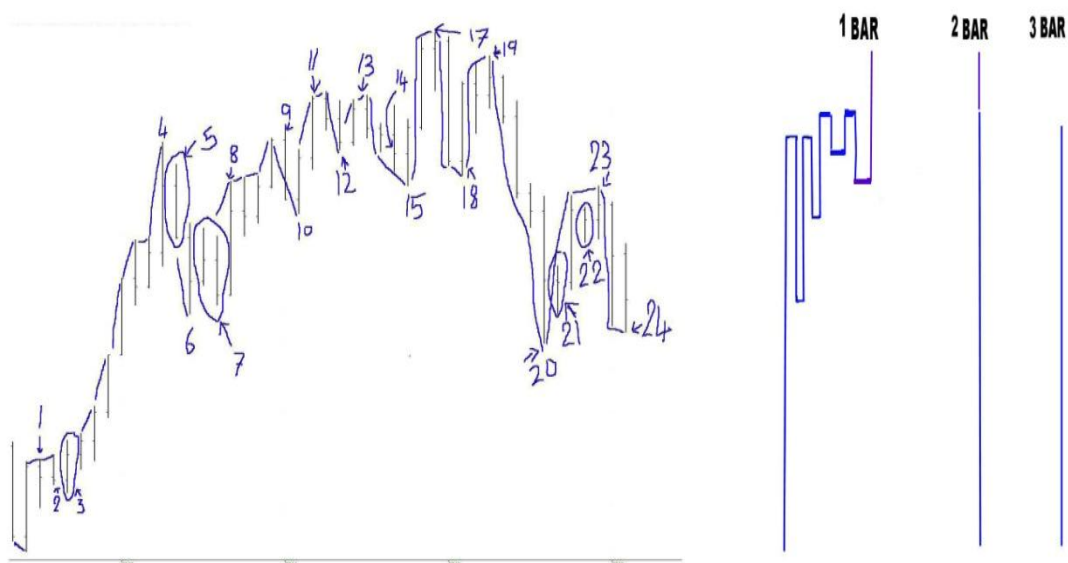
15. At the point of 14. This is another "Without Bar" therefore has no effect on the "Swing Chart" except for now the count is back to zero.

16. At the point of 15. This next bar is a down bar on a count of 1.

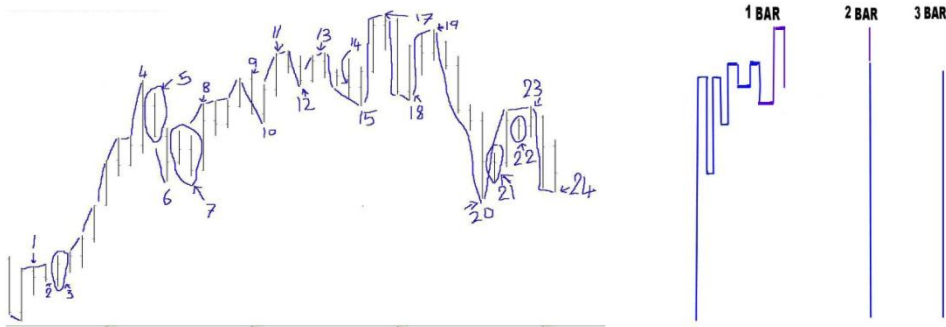


17. At the point of 17. This next bar is an up bar on a count of 1 (appearing on the 1 bar swing chart) and so is the next bar therefore on a count of 2 (NOW appearing on the 1 & 2 bar swing chart).

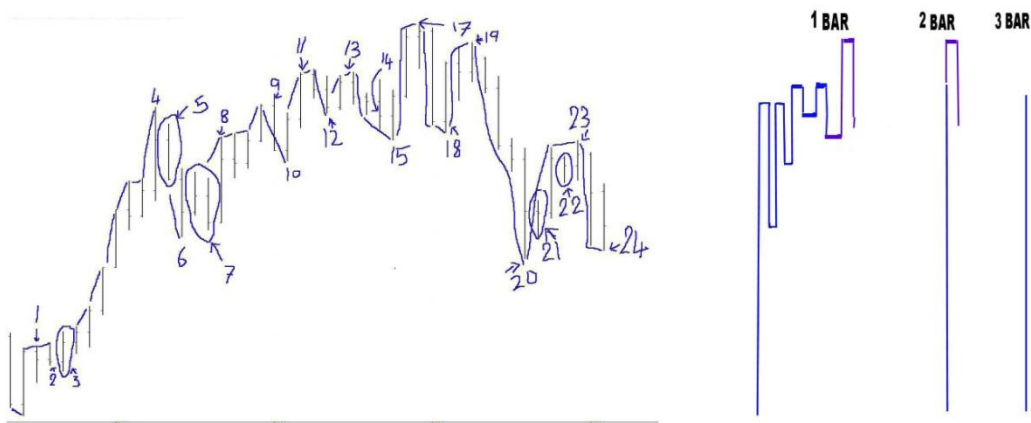
So at point 17 this movement will show on both the 1 and 2 "Swing Chart"



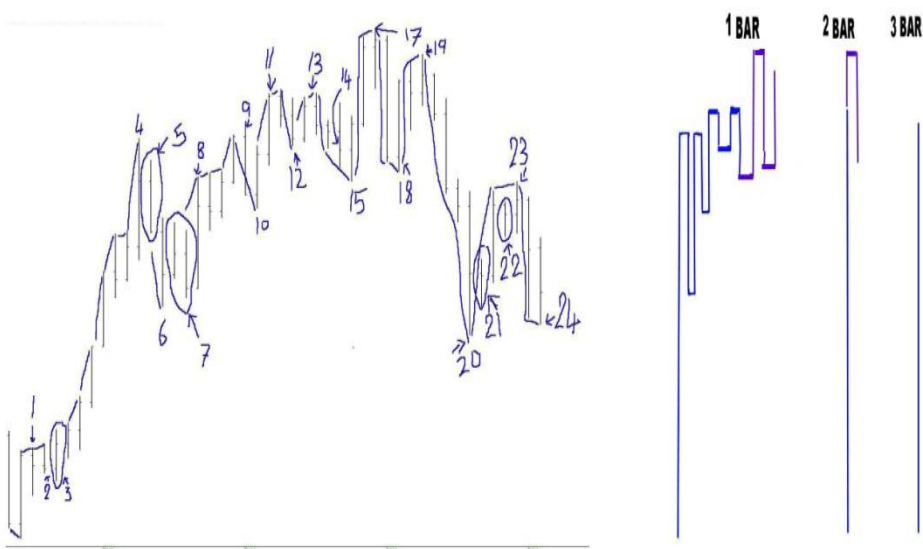
18. At the point of 18. This next bar is a DOWN bar on a count of 1 (appearing on the 1 bar swing chart) and so is the next bar therefore on a count of 2 (NOW appearing on the 1 & 2 bar swing chart).



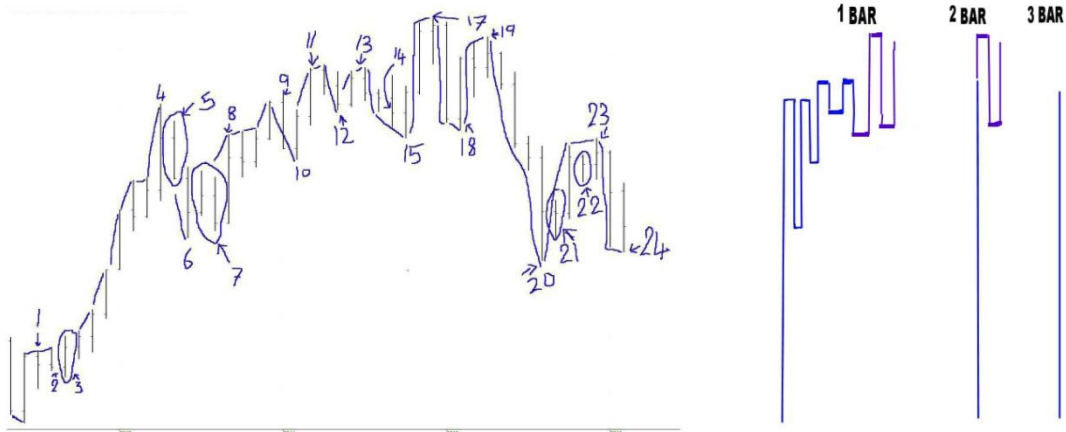
So at point 18 this movement will show on both the 1 and 2 "Swing Chart"



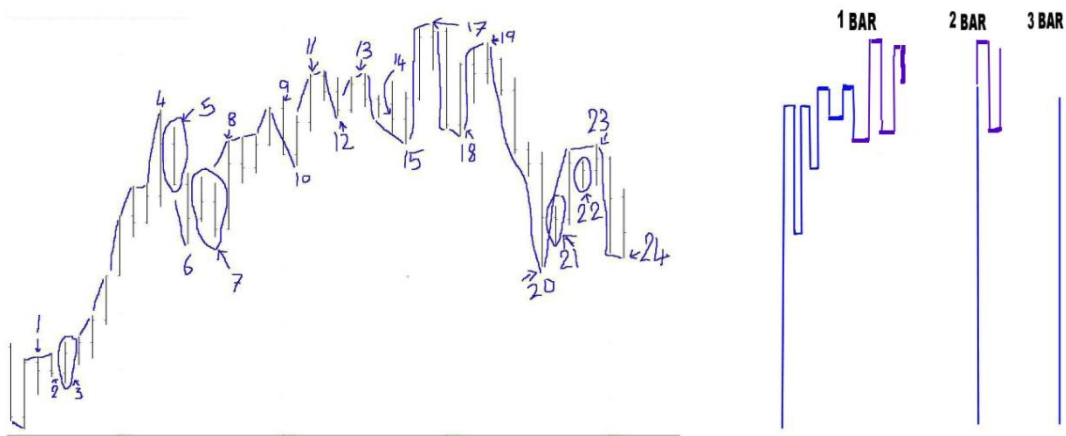
19. At the point of 19. This next bar is an up bar on a count of 1 (appearing on the 1 bar swing chart) and so is the next bar therefore on a count of 2 (NOW appearing on the 1 & 2 bar swing chart).



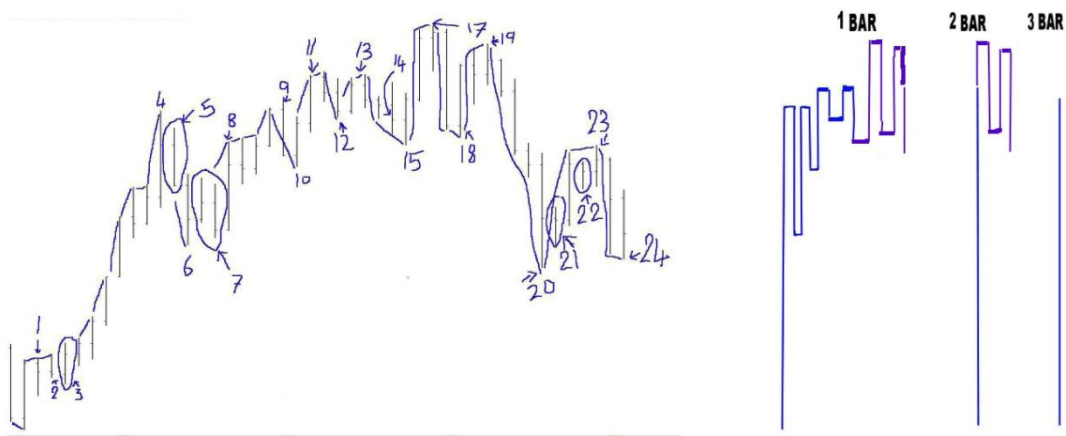
So at point 19 this movement will show on both the 1 and 2 "Swing Chart"



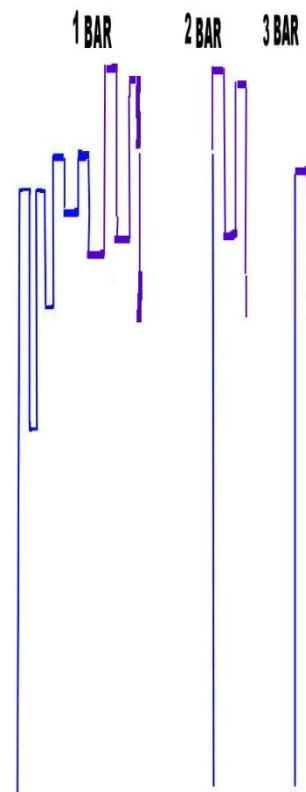
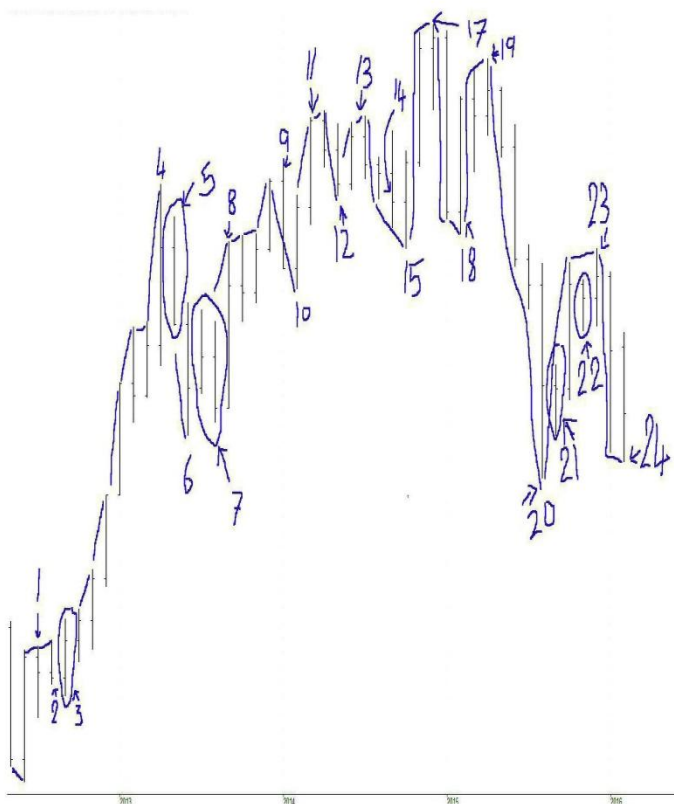
20. At the point of 20. These next bars are DOWN bars to POINT 20. On a count of 1 (appearing on the 1 bar swing chart),



so is the next bar therefore on a count of 2 (NOW appearing on the 1 & 2 bar swing chart)

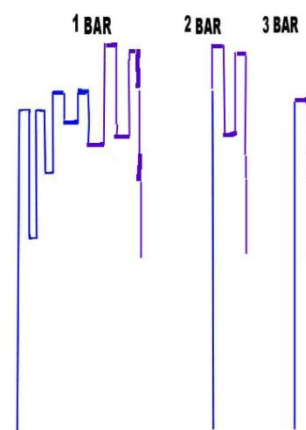
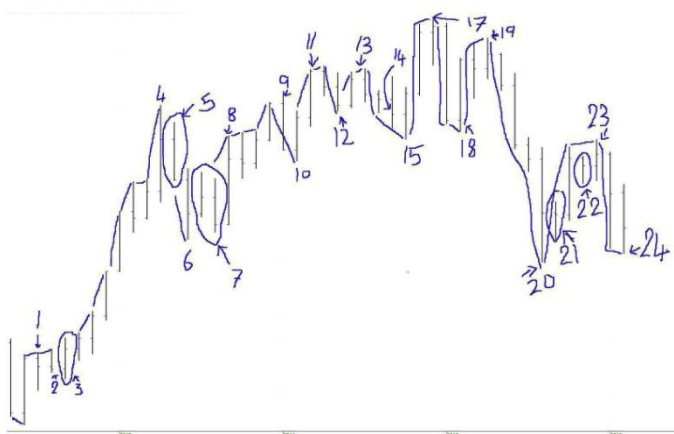


and so is the next bar therefore on a count of 3 (NOW appearing on the 1, 2 & 3 bar swing chart). As you can see the 3 bar chart has now turned over at a different height to the other 1 & 2 Swing charts.



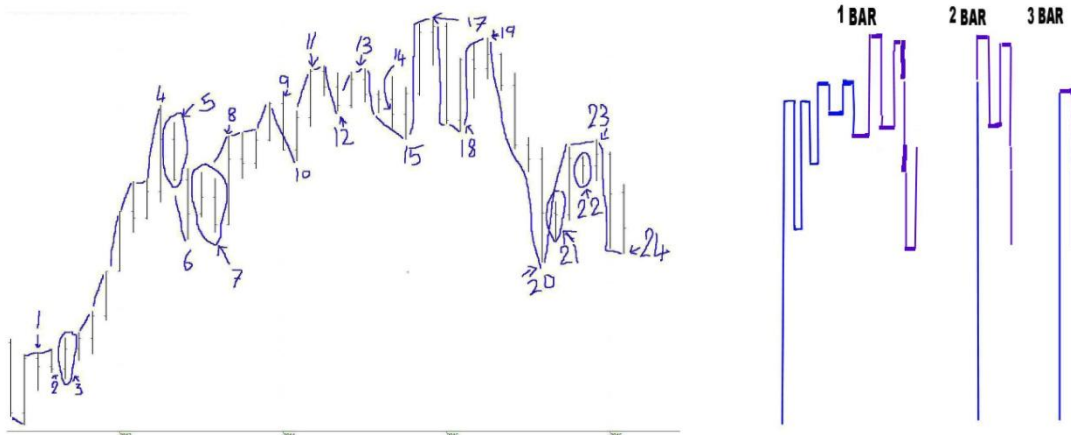
This continues for a 4th bar down therefore continues to show on 1, 2 & 3 bar swing chart.

Until point 20.



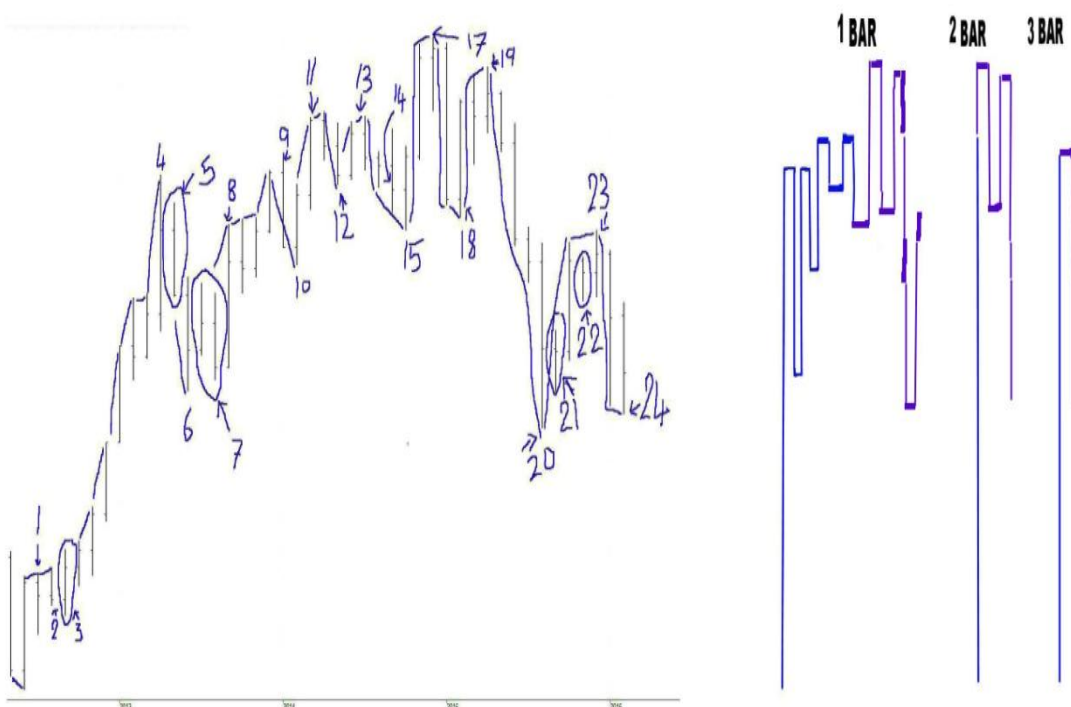
21. At the point of 21. This is another "Within Bar" therefore has no effect on the "Swing Chart" except for, now the count is back to zero.

The next bar is an up bar on a count of 1 and thus affects only the 1 bar swing chart: -

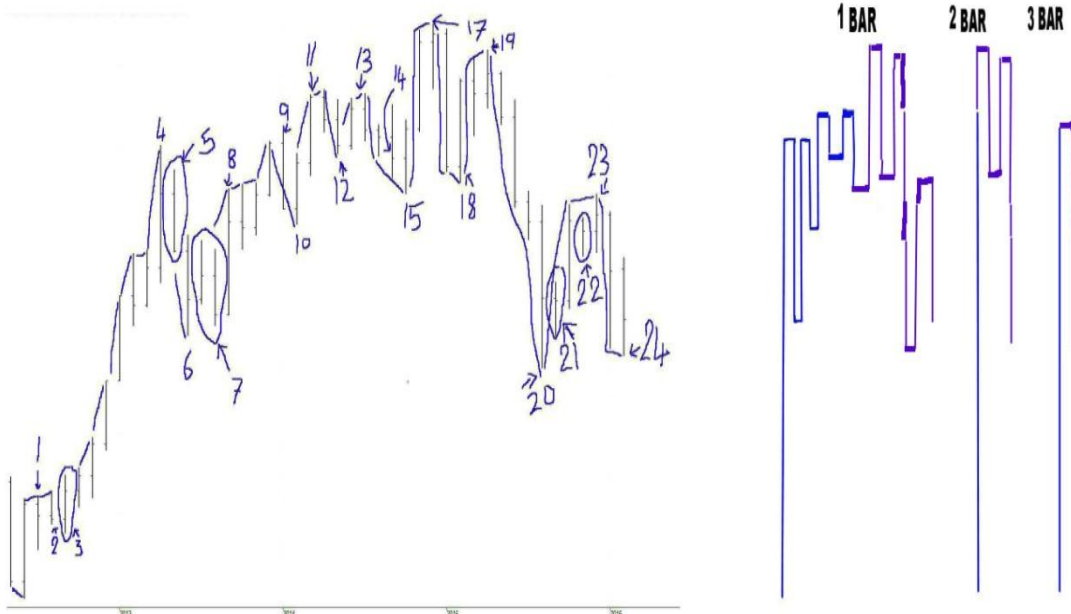


22. At the point of 22. This is another "Within Bar" therefore has no effect on the "Swing Chart" except for, now the count is back to zero.

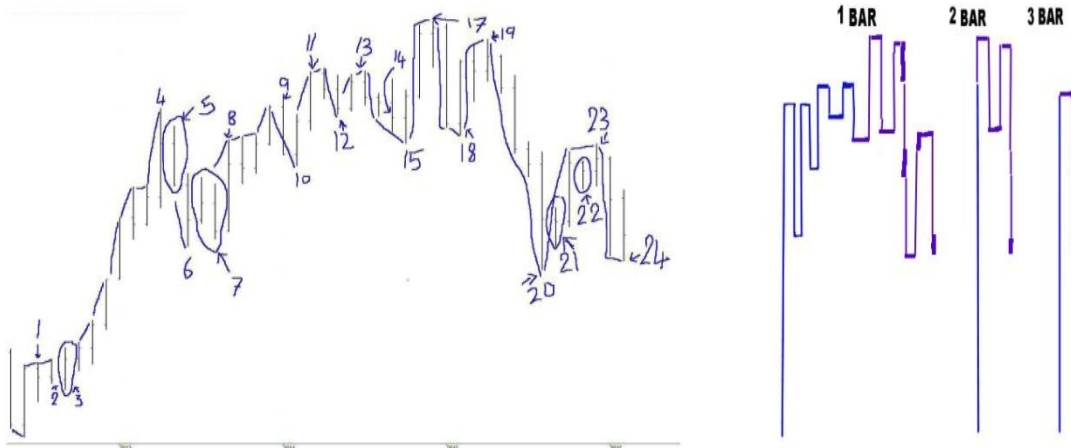
23. At the point of 23. The next bar is an up bar on a count of 1 and thus affects only the 1 bar swing chart: -



24. At the point of 24. These next bar`s are DOWN bars to POINT 24. On a count of 1 (appearing on the 1 bar swing chart) first,



so the next down bar therefore on a count of 2 (NOW appearing on the 1 & 2 bar swing chart) which just extends the fall a little on both 1 & 2 bar "Swing Charts".



****Please note****

If the high or the low of a bar has numerical data that is the same numerically as the top or bottom of the previous bar then this has the same effect as a within or without bar and zeros the count and does not affect the "Swing Bar Charts".

PLACING AN AUDIBLE TIME FRAME / BUY AND SELL INFORMATION WINDOW AND VISUAL BUY AND SELL ARROWS ON THE SWING CHART

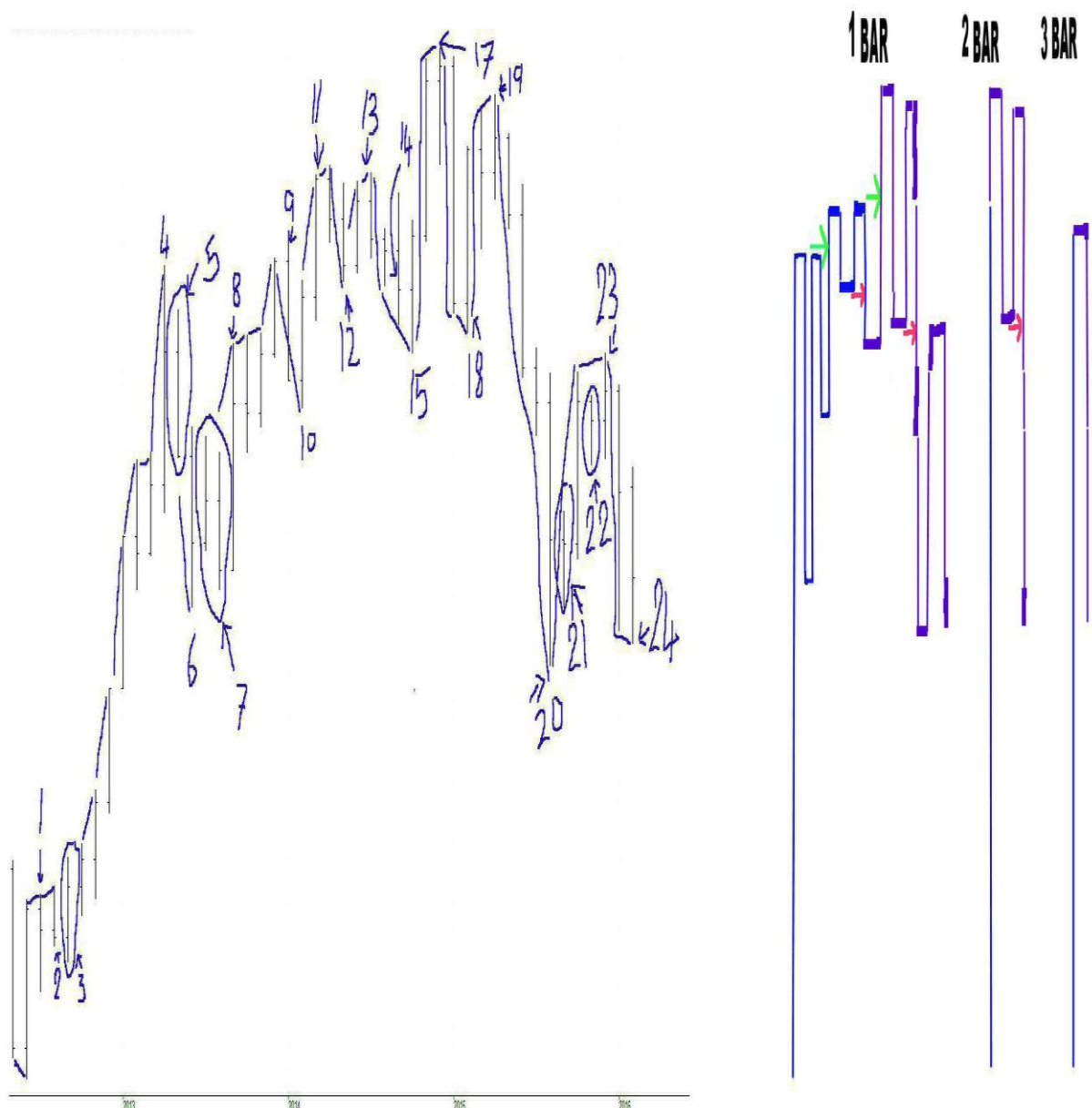
AS PER PICTURES BELOW: -

AUDIBLE TIME FRAME / BUY AND SELL SIGNAL INFORMATION WINDOW ALERT-



SIMULTANEOUSLY GIVING VISUAL BUY AND SELL ARROW ON THE SWING CHART WHEN A PREVIOUS "SWING" TOP OR BOTTOM HAS BEEN BROKEN IN WHAT EVER TIME FRAME IS BEING DISPLAYED in the "Swing Chart Window".

As you can see there would be many on the "1 bar Swing Chart", less on the "2 bar Swing Chart" and there are no arrows on the "3 BAR" Swing as no tops or bottoms have been broken yet so much less on this "3 bar Swing Chart",.



The "Swing Charts" are being continually drawn given the same parameters / rules over and over again as the "LIVE CHART" is being updated "LIVE".

In Conclusion: -

1. It is requested that the live "updating" window can be flicked between all the time frame and the "Swing Chart Window" will not lose connection with the live chart window and will draw the Swing chart in that timeframe chosen of the live chart.
2. It is requested that a possible user friendly enhancement would be, to be able to "Right Click" in the "Swing Chart drawing window" and select the 1, 2 or the 3 BAR swing chart in the live charts given time frame whatever that maybe.
3. When the MT4 platform is closed down, then re-opened, everything is remembered by the platform/program/robot as it was before shut down and the data is correct and not corrupted and shows "True" on "both" the "Live chart" and the "Swing Chart".
4. Any windows etc. that is unused or not live therefore "NOT" required for the platform to reopen the same, maybe deleted at the time of closing down the platform. So there is a reduction of memory used and kept to the minimum required to re-open the MT4 Platform/Program as it "WAS" before closure.
5. AUDIBLE TIME FRAME / BUY AND SELL SIGNAL INFORMATION WINDOW ALERT SIMULTANEOUSLY GIVING VISUAL BUY AND SELL ARROWS ON THE SWING CHART WHEN RULE HAS BEEN MET.