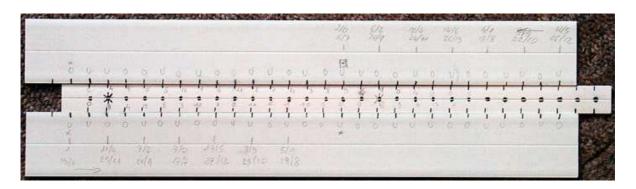
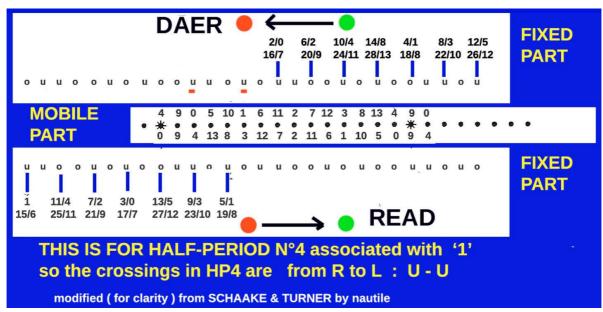
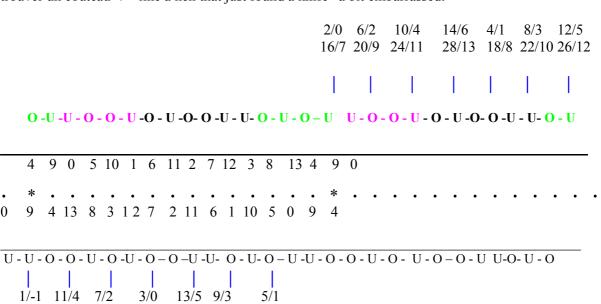
## USING THE SLIDE RULE





We have completed our slide rule and we are as they say in French "comme une poule qui vient de trouver un couteau" / "like a hen that just found a knife" a bit embarrassed.



15/8 25/11 21/9 17/7 27/12 23/10 19/8

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This is the start position: this is for the first HP (first of the ODD HP and firts of all the 2\*B HP) Easy as pie: mark it as HP 1: {} Free Run WOW, how intelligent and sure of us we are now.

Yes we can because we don't have anything special to get the HP 2: (the first of the EVEN HP)

We are fortunate that SCHAAKE & TURNER made it so by astute thinking:

The right side star is already in alignment with 2/0 second HP and Bight number 0

```
2/0 6/2 10/4 14/6 4/1 8/3 12/5
16/7 20/9 24/11 28/13 18/8 22/10 26/12
```

Now reading RIGHT TO LEFT ( remember that ? ) starting at the alignment right side star vertical line with 2/0 above and going leftward we read the

```
4 9 0 5 10 1 6 11 2 7 12 3 8 13 4 9 0
```

stopping at numbers equal or less than the second member of the 'coupled' number : here ' 0 ' it happen that above this ' 0 ' is a ' U ' so HP é : { U } Second HP has only one crossing : an Under

Now for the tricky part, almost rocket science ;-) how do we get the HP 3?

AH! UMH! Why do you think this is called a slide rule with a mobile part?

because we slide the mobile part! Is that enough clarity for Readers?

Now we aligned the left side star on the lower 3/0 and we read LEFT TO RIGHT the (zero is not but is still useful so don't suppress it unthinkingly!)

9 4 13 8 3 1 2 7 2 11 6 1 10 5 0 9 4 under the only number equal or less that the second member of the 'coupled' 3/0 is a "U so HP 3: { O } one Over in third HP

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Are you beginning to understand how you need to go on? I certainly hope so. We need to do HP 4: That is so EVEN so on the UPPER fixed part of the slide rule

We align the right side star with the 'coupled' numbers we need 4/1

2/0 6/2 10/4 14/6 4/1 8/3 12/5 16/7 20/9 24/11 28/13 18/8 22/10 26/12

4 **9** 0 5 10 **1** 6 11 2 7 12 3 8 13 4 9 0

Reading RIGHT TO LEFT the
4 9 0 5 10 1 6 11 2 7 12 3 8 13 4 9
we find two that are equal or less that 1

so HP 4: { O O } or { 2 O] or {O2} two Over crossings

Now for HP 5: well just do it yourself: go to lower fixed part and align left side star with 5/1

And so on

Now a last exercise HP 22: say So EVEN so upper fixed par so right side star Align right side star with 22/10

2/0 6/2 10/4 14/6 4/1 8/3 12/5 16/7 20/9 24/11 28/13 18/8 22/10 26/12

0 4 9 0 5 10 1 6 11 2 7 12 3 8 13 4 9 0 4

So this should be HP 22 : {U2 O U2 O U2 O U0 U2 }

Now you are alone.

Bonne route