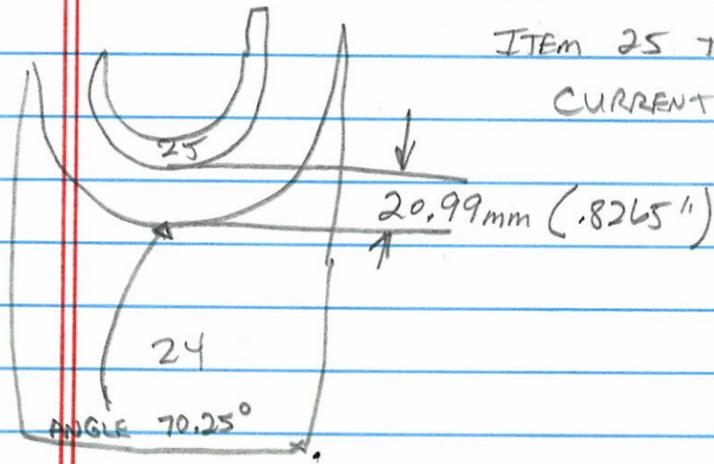


S. GOULD

9/28/11

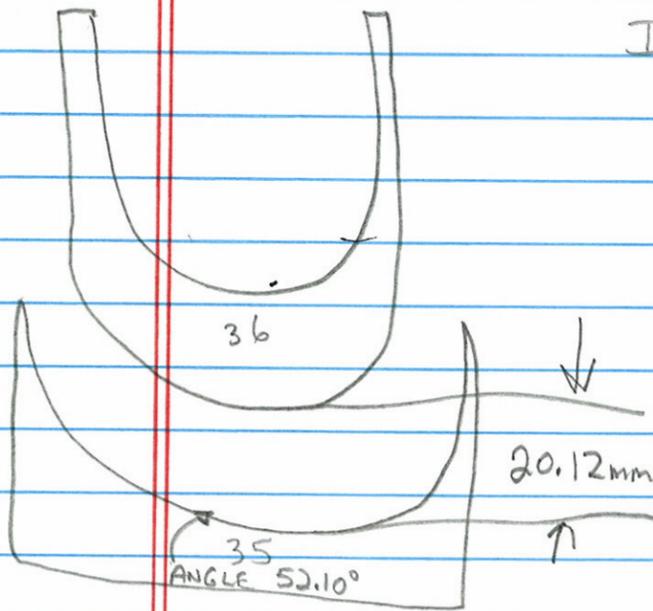
MBH #2 INNER WINDING



ITEM 25 TO ITEM 24  
CURRENT BLOCK

20.99mm (.8265")

8 TURNS ON LAST  
CURRENT BLOCK (LE) IS  
15.12mm (.5955")



ITEM 36 TO ITEM 35  
CURRENT BLOCK

20.12mm (.7925")

9 TURNS OF RE LAST CURRENT  
BLOCK IS 17.04mm (.671")

**Gilbert M Whitson**

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**From:** Fred Nobrega <nobrega@fnal.gov>  
**Sent:** Friday, September 23, 2011 4:27 AM  
**To:** Gilbert M Whitson  
**Cc:** Steve Gould  
**Subject:** Re: end turn measurements

In addition to measuring the LE/RE angle, please measure the length of the 8 turns. This would be the distance from the spacer the 1st is wrapped around to the last turn of the group for a total of 8 turns in the Z directions (along the axis of the winding mandrel. A little tricky I know...

On 9/23/2011 11:08 AM, Fred Nobrega wrote:

> Hi Marty,  
>  
> MBH01 last turn on layer 1 was at a very steep angle and we (CERN) are  
> looking at modifying the end saddle to have a better fit. I'm not sure  
> how far along you are on winding MBH02 but I would like for you to  
> take pictures of the last turn of each block you wind (before  
> installing the next spacer). It's okay if you are on the last block,  
> then measure the angle of the last turn and take photos (both ends).  
> This info will be used for a design iteration of the saddles.  
>  
> Thanks,  
> Fred

LE SADDLE  $70.25^\circ$

LE- ANGLE ON LE LAST TURN  $50.30^\circ$

RE- ANGLE ON RE LAST TURN  $52.10^\circ$

RE SADDLE  $72^\circ$

S. GOULD  
9/28/11

DSC07084

10143 Dr#

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