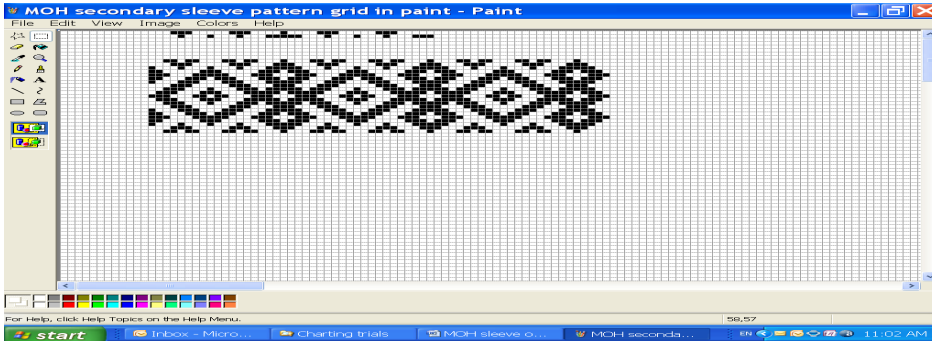


Mary of Hapsburg – Sleeve Embroidery design 2009

Chart of hollow diamond patterns for use on the sleeves of a shirt designed by Glynhyvar of River Haven to be consistent with the front pattern without any photographic evidence as to the original design used on the original shirt.



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Embroidery started three and one half gathering thread spaces from the edge of the fabric to give 2 for the hem and one half for the white border.

The fabric was pleated on a mechanical pleater with gathering threads set at 5 mm apart. Pattern darning stitch density used was 4 lines per gathering thread space to make the pattern as square as possible for the chosen width of the front of the shirt. The currently available photos are not clear on the design used on the shoulders and I have not seen a photo of the cuffs so this is a total fabrication of my own.

Display of 21 stitch depth by 63 pleats (ignoring the single block border). Pattern A (small vertical diamonds) takes 9 pleats and pattern B (large hollow diamond) needs 17 pleats. With nesting of 3 pleats on each side, pattern repeat, ABA, only needs 29 pleats. An additional BA adds another 20 pleats. The sleeve was pleated with 151 pleats being 149 for the pattern (7 repeats of AB + another A to finish the sequence) and one left over at each end for the white border. This is to match as closely as I could to the 153 pleats for the 5 pattern elements on the front.

The majority of the pattern is built around “under 3 pleats and over 3 pleats”. I started to use an extract of the diamond on the front as I was not comfortable with the concept of a curved patter as per one of the verbal reports of the cuff design. Much later, I found an article on pattern darning in the West Kingdom A&S newsletter. My pattern was very similar to one of the examples but mine had some longer under-pleat passes and I revised my pattern. This is only one of many patterns I prepared but it took my fancy at the time of constructing the shirt.

Email address: Glynnis@powerup.com.au