VLBA ACQUISITION MEMO #265

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To:

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From:

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Subject:

Simple method of measuring the edge curl

Edge curl is the precursor of a loose and bumpy tape pack. Thickening of the edges (now

thought to be due to prolonged high speed running on the transport) results in the curling of the

tape edges (see Memos 228, 229, 232). The degree of edge curl, indicating the condition of the tape

edges, can be measured by observing the reflection of a penlight filament on the backcoat of a reel

of tape as follows:

Be sure the top layer of tape is tight. If necessary unstick zebra tape, tighten and refasten.

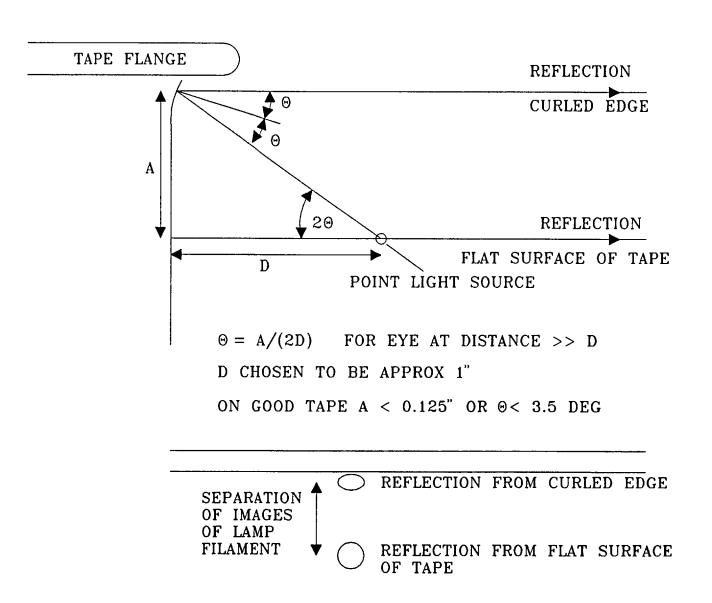
2] Place a penlight about 1" from tape and simultaneously observe the reflections from the tape

edge and the flat portion of the reel pack.

3] Note the separation of the images for both inner and outer edges of the tape - see attached

figure for geometry.

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SIMPLE METHOD FOR MEASUREMENT OF THE AMOUNT OF EDGE CURL