

December 7, 1963

Linear Phasolver Measuring Engine




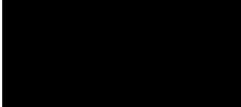
The heart of the Phasolver is the driver pattern to be laid down on a glass substrate and the coupler pattern to be laid down on a parallel glass plate.

TC designed a new pattern to minimize errors and insure achieving the 1 micron accuracy. It is a sinusoidal pattern similar to the one used in their rotary phasolver.

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They are having trouble getting definitive bids for making the patterns.

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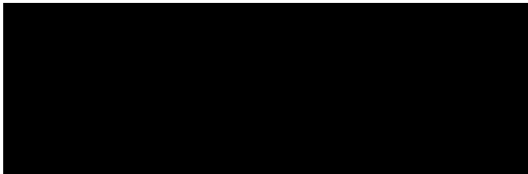
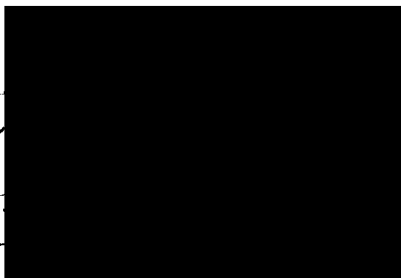
 will make the glass blocks for substrate make the coupler only which is straight ruling. Driver pattern only, Gelatin on glass.  mised to bid the driver manufacture from s pattern them a telephone quote on both the driver and the coupler, but they cannot get a written quote from him.

The trouble with getting the pattern work placed is putting them behind schedule. If they get the orders placed by 1 Jan., it could be as late as 1 July before they receive the finished driver.

This is the pacing item and everything else is well in hand. They are putting a lot of pressure on getting the Driver work under way.

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Handwritten notes:
PMA
TC
(3) 7/2

DECLASS REVIEW by NIMA/DOD