

January 9, 1963

Linear Phasolver Measuring Engine

[Redacted]

[Redacted] of engineering made a presentation of the project to [Redacted] and me. It was well organized and they were knowledgeable of all aspects.

The most critical aspect is getting [Redacted] started on fabrication of a master driver pattern. This is delaying the job day by day and they are now 3 weeks behind the schedule submitted in the last progress report. The other parts of the program are going well. They believe they will have the drawings and the computer data to hand by next week.

[Redacted] had been over to look at the [Redacted] to determine if it would be suitable for installing a measuring engine as a follow on to the present work. By this summer, they are confident they will be demonstrating an absolute measuring capability of plus or minus 1 micron over 10 inches. It was [Redacted] opinion that only the lower stage of the [Redacted] engine was rugged enough for their purpose. On the whole it did not appear that the [Redacted] would be suitable without extensive modification and it might be better to start from scratch.

[Redacted] felt that further work should be aimed at producing a prototype machine which could be put on trial as a production item in [Redacted] shop. [Redacted] stated he would formulate (with Chris's help) the characteristics of such a machine and advise the vendor.

[Redacted]

[Redacted]