THE 12-METER AS OF OCTOBER 13-14 1982

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]
PLOT OR RMS FOR RADIUS #86

FOR HARD COPY TYPE AS FOLLOWS:
C FOR HARD COPY,N FOR NONE?N
THE ERROR =      -3472          MICRONS
THE ERROR =      -1782          MICRONS
THE ERROR =      -2584          MICRONS
THE ERROR =      -589           MICRONS
THE ERROR =      2560           MICRONS
THE ERROR =      6726           MICRONS
THE ERROR =      11703          MICRONS
THE ERROR =      9336           MICRONS
THE ERROR =      9362           MICRONS
THE ERROR =      8928           MICRONS
THE ERROR =      8203           MICRONS
THE ERROR =      6882           MICRONS

MEAN ERROR=4606 MICRONS

RMS =            6953           MICRONS

PLOT ~~OR RMS~~ FOR RADIUS #86

FOR HARD COPY TYPE AS FOLLOWS:
C FOR HARD COPY,N FOR NONE?CCC  C
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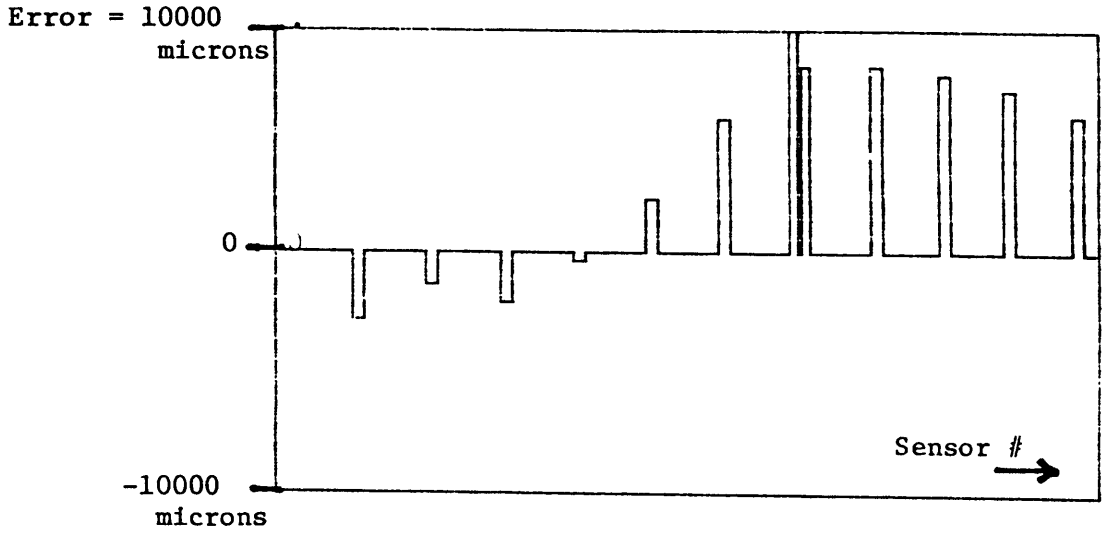
* Radius # 86 is probably the worst. Its azimuth is 212.99° (Radius # 1 is 00.0°)

These errors are the differences in microns from the design parabola, in the sense (measured - desired). A positive error is a high panel setting.



2. As a check we measured X and Z to the outer tooling hole on one panel. We did Z with the NIII on the "yellow peril" using the long rod on the center ball and a WFS on the tooling hole. X was done 2 ways, tape on surface and tape stretched. Mean X = 5914.0 mms (± about 1.5 mms) Z = 1727.88 mms. Design Z = 1720.17 mms. i.e panel is 6.6 mms high.

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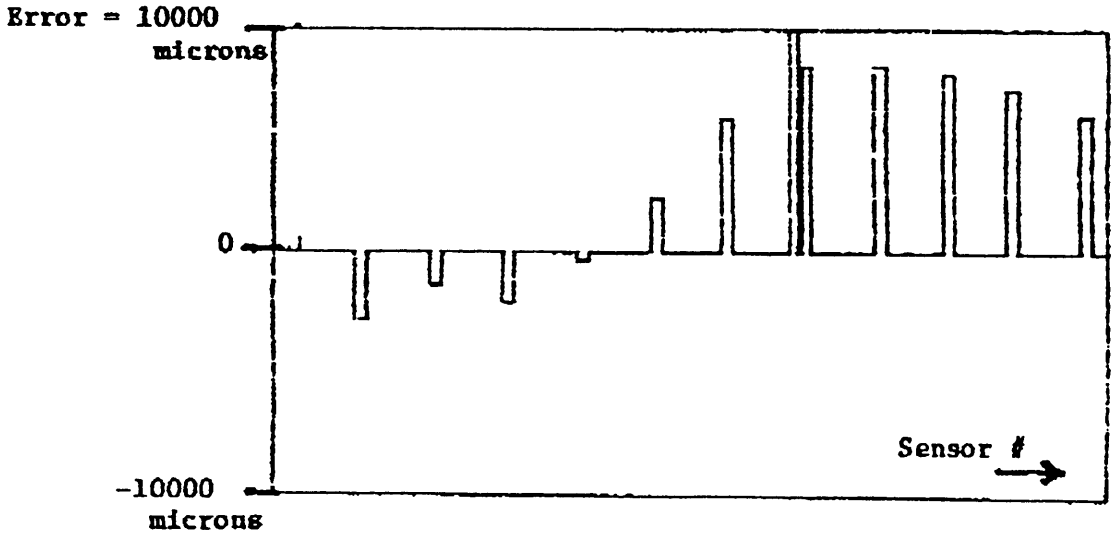

2. As a check we measured X and Z to the outer tooling hole on one panel. We did Z with the NIE on the "yellow peril" using the long rod on the center ball and a WFS on the tooling hole. X was done 2 ways, tape on surface and tape stretched. Mean X = 5914.0 mms (± about 1.5 mms) Z = 1727.88 mms. Design Z = 1720.17 mms. i.e panel is 6.6 mms high.