NOTE 1. Parts marked with a triangle are \( 1000 \mu \text{F}, 50 \text{VDC} \). Capacitors marked with \( \Delta \) are \( 1000 \mu \text{F}, 50 \text{VDC} \).

2. DC voltages are measured with Gain Max & STC Max on ST BY/SHORT RANGE.

3. Waveforms are measured with Gain Max & STC Max on TX/LONG RANGE.
Furuno FR−240/FR−360 Schematics
Scanner Unit (3 of 3)

[contains electrical diagram and textual annotations]

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(IF-4435)

STED OTHERWISE.
NOE.
Adjustment at Installation

1. **Heading Alignment**

Adjust the position of S921 (S801 for MODEL2400) so that the bearing of target from heading flash on screen (MA in Fig. 1) may coincide with one from ship's heading measured by using compass and sea chart or visually. (angle MB in Fig. 2)

![Diagram](image1)

2. **Tuning Adj.**

The best tuning should be obtained with TUNING control at around mid-travel. If not, adjust VR402 on DU board.

![Diagram](image2)

3. **Sweep Timing Adj.**

Transmission should be synchronized with sweep start. Set RANGE at 1/4 n.m. and adjust VR101 on DU board so that straight target, e.g., quay, breakwater or building, may be displayed in actual form. See Fig. 4.

![Diagram](image3)

4. **Centering Adj.**

When sweep origin deviates from center of cursor, adjust it by turning centering magnets.

![Diagram](image4)