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SOP FOR CALIBRATING S/I UNIT

1. ACIC to receive copy of master reseau on glass plates. Itek to provide as soon as possible after accepting from manufacturer.

2. ACIC calibrate and measure reseau and forward data to Itek.

3. Itek calibrate (using goniometer) stellar and frame camera units for principal point, focus, vertical and tangential lens distortion. Enter into camera logs and prepare data sheets.

4. Forward lens calibration to ACIC to compute calibrated, corrected reseau intersections for stellar and frame cameras.

5. ACIC transmit results of Step 4 to Itek for entry into camera log.

6. Itek obtain stellar photos for assembled camera unit. Forward plates to ACIC for component calibration.

7. ACIC forward orientation matrix from component calibration to Itek for entry into camera log.

8. Itek perform camera acceptance test and ship to West Coast.

   8.1 Stellar calibration at West Coast if not accomplished on East Coast.

9. After vibration, Itek field reps obtain stellar photo and forward to ACIC for computing.

10. ACIC forward data to West Coast for entry into camera logs.

11. LMSC to include all available calibration data sheets in Master System data book forwarded with film. ACIC to forward any remaining data to NPIC.

12. Updating of camera calibration after receipt of materials through NPIC.

SPECIAL CONDITIONS TO BE FULFILLED:

1. Fiducial marks and correlation light to be exposed during patio test. Frame camera looking in polar direction; stellar to equator, background densities to be sufficient to image reseau.
2. All materials in this SOP will be exchanged by registered mail with recipient being informed by telephone of registered number and date of mailing except for Step 11, which is subject to exchange by Courier only.

Handle via BYEMAN Control System

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