One Star Calibration Procedure IHV 1.7

1. Power up the intelligent handset. If a character appears in the right hand side of the second line down other than a dash the handset is already calibrated. If there is a dash then follow the instructions below.

2. Press 'M' key until COORD CAT LIST appears on the screen.

3. Press CAT F2 for next sub-menu.

4. Press CATLG (F1) key to cycle through Catalogue menus.

5. Select CAL STARS. (This will bring up 84 bright stars in RA order, there is a list of these stars pinned up on the wall next to the computer).

6. Press OBJ (F2) to enter star from the list on the wall and choose a star. Using the number key pad, enter the number of your chosen star, then press 'E' to enter this data. On the screen sub-menu: SYNC   ADD   NEXT   STEP will appear. Move the telescope to the star using the small hand control at the telescope. Centre the star using the illuminated reticule eye piece, then press Sync (F1).

7. The menu should change to GOTO ADD NEXT STEP.

8. Once the one cal step has been completed you can go back to the main screen by pressing 'C' twice.

9. Check calibration has been accepted by noting 'E',''W', or 'C' appearing end of line two on the right hand side.

10. In order to keep the intelligent handset calibrated the next time you power up, you must shutdown by using the 'Park' function.

Alternative procedure

1.Move the telescope to a known position either by undoing the clutches or by moving the telescope through the motors controlled by the intelligent handset or the hand paddle at the telescope. Centre the star using the illuminated reticule eye piece.

2. Press 'M' till you get to the Cal menu: CAL1   CAL2   CAL3 ..

3. Press 'CAL 1' then either type in the coordinates if known or if already stored in the list press 'PREV' until the correct coordinates come up on the screen. Then press 'E' for enter.

4. The unit is then calibrated. But check as per number 9.