

## 30. COMMISSION DES VITESSES RADIALES STELLAIRES

### 30a. SOUS-COMMISSION DES VITESSES RADIALES FONDAMENTALES

#### Report of joint Meeting, 17 August 1961

PRESIDENT 30: Ch. Fehrenbach.

PRESIDENT 30a: J. F. Heard.

SECRETARY: D. S. Evans.

Agenda: Commission 30.

1. Composition of Commission 30
2. Organizing Committee
3. Joint Discussions
4. Re-issue of the Mount Wilson Catalogue
5. Discussion of *Draft Report*
6. Correspondence
7. Remarks by Dr. Martynov

Discussion opened by Dr Evans and Professor Heard.

1. A list of names of additional members was read out by the President, Professor Ch. Fehrenbach.

2. The composition of the Organizing Committee, as follows:  
President: Ch. Fehrenbach; Vice-President: R. M. Petrie; Secretary: D. S. Evans; Members: F. K. Edmondson, J. F. Heard and A. D. Thackeray, was agreed to by the Commission.

3. A joint discussion on 'Stellar Motions and Stellar Dynamics' was announced for Friday 18 August at 14<sup>h</sup> 00<sup>m</sup>.

4. It was noted that the Mount Wilson *General Catalogue of Radial Velocities* was out of print and stated that a reprint could be made by the Carnegie Institution if this was desirable. During the discussion it was noted that Tonantzintla has the data in the form of IBM punched cards and that there is also a card catalogue at La Plata. It was agreed that notes of errors in the Mount Wilson Catalogue and bibliographic notes of work published since its appearance should be sent to the Secretary of the Commission. These could be published on a few additional sheets to be distributed with the new prints of the catalogue so as to avoid the expense entailed in any attempt to revise the general Catalogue. An attempt would be made to distribute these sheets to all holders of copies of the first printing of the Catalogue.

5. Presenting the *Draft Report* the President remarked that there were 15 Observatories engaged in radial velocity work of which 6 or 7 undertook work of this class as a major proportion of their scientific efforts. This excluded the Observatories mainly engaged in extra-galactic velocity work. At Haute Provence a new 40-cm objective prism had been produced in place of one for which the glass was not of the highest quality. This gave velocities over the field with probable errors of 5–8 km/s down to limiting magnitude about 12, with an exposure of 2<sup>h</sup> 40<sup>m</sup>. Longer exposure times gave good access to stars in the Magellanic Clouds, and the new prism had been sent to the station erected under ESO auspices at Zeekoegat about 50 miles south of Beaufort West in South Africa. Results were now coming forward, and particular