Discussion concerning the draft of the resolutions

Mikhailov: I recommend that resolution 6 should not be anonymous.

Pellinen: In resolution 3 I suggest using the expression "geodetic world system" instead of "absolute world system".

Izotov: I recommend omitting the conclusion in resolution 5 "it also recommends the comparison of satellite geoids of different epochs", and to replace it by the words: "to apply different methods".

Levallois: Resolution 5 after correction is quite general and comes rather under the force of the General Assembly than that of this Symposium. The resolutions are valid for the Association only after the approval of the General Assembly.

Tengström, Barta, Melchior: do not agree to the omission.

Symposium on the Determination of the Figure of the Earth
in Prague 6—10 October 1964

RESOLUTIONS

No 1. The Symposium, recognizing the importance of practically comparing different methods for determining gravimetrical deflection-differences at the Earth's surface, recommends that all possible help should be given by countries which are in possession of gravity data, necessary for such test-works. As a convenient area for beginning such a work, the Symposium recommends the already proposed area in the West Alps. The Symposium asks Dr. Tengström, acting president of SSG 16 of IAG to conduct this work. It also asks all specialists of different gravimetrical methods to take part in the investigations.

No 2. The Symposium recommends that at least one station in Europe should be established, where the absolute deflections and the quasigeoid height could be determined with the highest attainable accuracy, and that, for this reason, efforts should be made to calculate from satellitedata mean free air anomalies, which could take, for such a station, the best available gravity information in distant integration zones into account.

No 3. The Symposium, recognizing the great importance of preparing already now for a detailed absolute Geodetic System, before a definitive scale and orientation of the different deflection-systems may be agreed upon, strongly urges that efforts should be made in all countries for interpolating astrodeflections and geoidal heights by gravity or other means over their areas.

No 4. The Symposium, recognizing the utmost importance of the interpolation of discrete gravity values, which must be done in all problems of gravimetrical Geodesy, strongly urges further theoretical and practical work be carried out to solve this interpolation problem in the best way.

No 5. The Symposium, recognizing the great importance of proving the existence or non-existence of secular variations in the Earth's gravity field, recommends all efforts be made to solve this problem by using different methods.

No 6. All participants at the Symposium would like to express their great satisfaction because of the efficiency which has characterized all the sessions. It has been of great importance that representatives of different theories regarding the solution of our problem have been able to participate. The Symposium expresses its sincere gratitude to the Organizing Committee, to the Czechoslovak Academy of Sciences and to the Central Office of Geodesy and Cartography in Czechoslovakia for their perfect organization of the meeting, and for theri excellent hospitality. It also thanks the President of Sec. V of IAG, Dr. Erik Tengström, who has helped to organize the conference.