

large infrared telescope be built, all for planetary work. The report is available from the NAS.

### **AAS Establishes New Divisions, Strengthens Executive Officer**

The American Astronomical Society has amended its constitution and by-laws to strengthen the position of executive officer, provide for establishment of subject-oriented divisions and create a liaison officer between the divisions and the society. Paul M. Routly, executive officer of AAS for the past six years, left the post as of 1 Sept. to join the US Naval Observatory.

To deal effectively with the growing demands of the society, the executive officer is now a full voting member of the council, as is the liaison officer. Both officers are to be appointed by the council. Limited coverage of special fields at AAS meetings has prompted separate meetings by new divisions. Specifically groups of solar astronomers, researchers in the physics of the planetary system (excluding the sun) and high-energy astrophysicists voiced the need for specialized meetings. An appointed committee will govern each division and establish its bylaws, subject to review by the council and society, that will provide for a chairman, secretary and treasurer.

### **IPPS Revises Journals, AIP To Be North American Agent**

The Institute of Physics and the Physical Society announced in August changes in the format and publishing schedule of three of its journals, to take effect early next year. The IPPS also named the American Institute of Physics as its sole North American agent for 1969.

Starting in January *Physics Education* will have more editorial pages and will include invited articles on such topics as books for schools (March), careers (May), physics teaching in schools (July), equipment and apparatus (September) and teaching aids (November).

The now annual volume *Reports of Progress in Physics* will be changed to a bimonthly journal as of February. To accommodate the growing demand for review articles, each issue will contain one or more major reviews. Subscribers will choose either six

issues of the bimonthly journal immediately on publication together with binding cases twice a year or, as presently, the case-bound parts twice a year.

The *Journal of Physics B* (Atomic and Molecular) and the *Journal of Physics C* (Solid State) will be published monthly, although the *Journal of Physics A* (General) will continue as a bimonthly publication. The change stems from the increased number of papers published since the *Journal of Physics* was created in January 1968 by dividing the *Proceedings of the Physical Society*. Also in 1969 a combined subscription rate for all five parts of the *Journal of Physics* will be initiated, although the existing combined rate to the *Journal of Physics A-C* will continue.

Subscription to the IPPS house journal, the *Physics Bulletin*, will be available for the first time to non-members at an annual rate of £3 10s (\$8.40).

### **AIP Fulfillment Division Installs a UNIVAC 9300**

Dues and subscription-fulfillment operations at the American Institute of Physics have been improved by a UNIVAC 9300. Installed in the basement of AIP headquarters, the magnetic tape system keeps track of some 230 000 member and nonmember subscriptions in addition to memberships and dues of nine AIP member societies and affiliates.

AIP ordered the new computer and started planning the necessary software when it became apparent that the former UNIVAC 1004 card system was no longer able to keep up with the burgeoning membership and the steadily rising number of journals published by AIP. The 16 000-core memory of the UNIVAC 9300 replaced the card system's limited 1000-core memory.

The computer's efficiency stems from a shorter processing time, quick information retrieval, and updating of records that now include additional information. Preparation of the *PHYSICS TODAY* mailing list has been shortened from 50-60 hours to 5.5 hour. Member renewal billing has improved from 4-6 weeks to three days. A flexible coding system makes the inclusion of new journals and societies no problem although one existed with the card system's fully used code. All input is fed directly onto a Mo-



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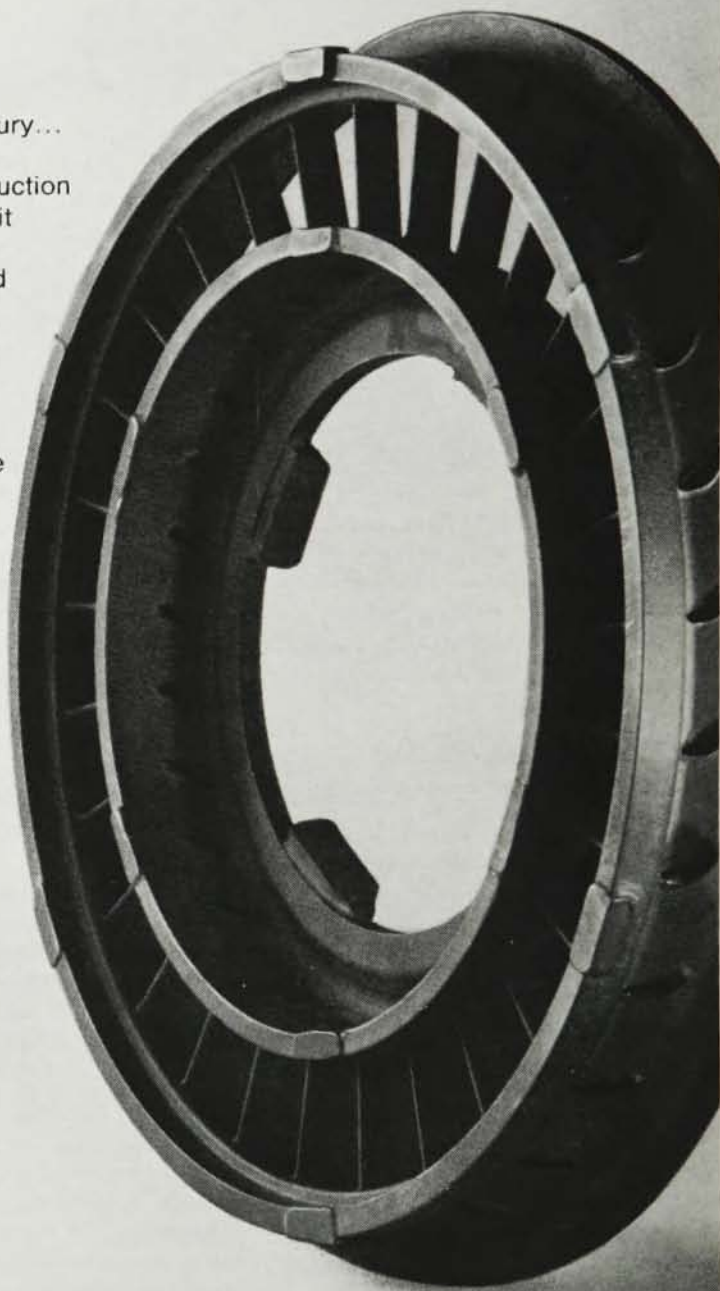
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hawk Data Recorder that is processed by the computer.

The installation caused some organizational changes within the division, which now consists of the Cashiering Section, the Input Control Section and the Correspondence Section. Data processing became a new division within the Fiscal Branch under the management of Calvin Burt, assisted by John McNamara, supervisor of the Data Processing Section.

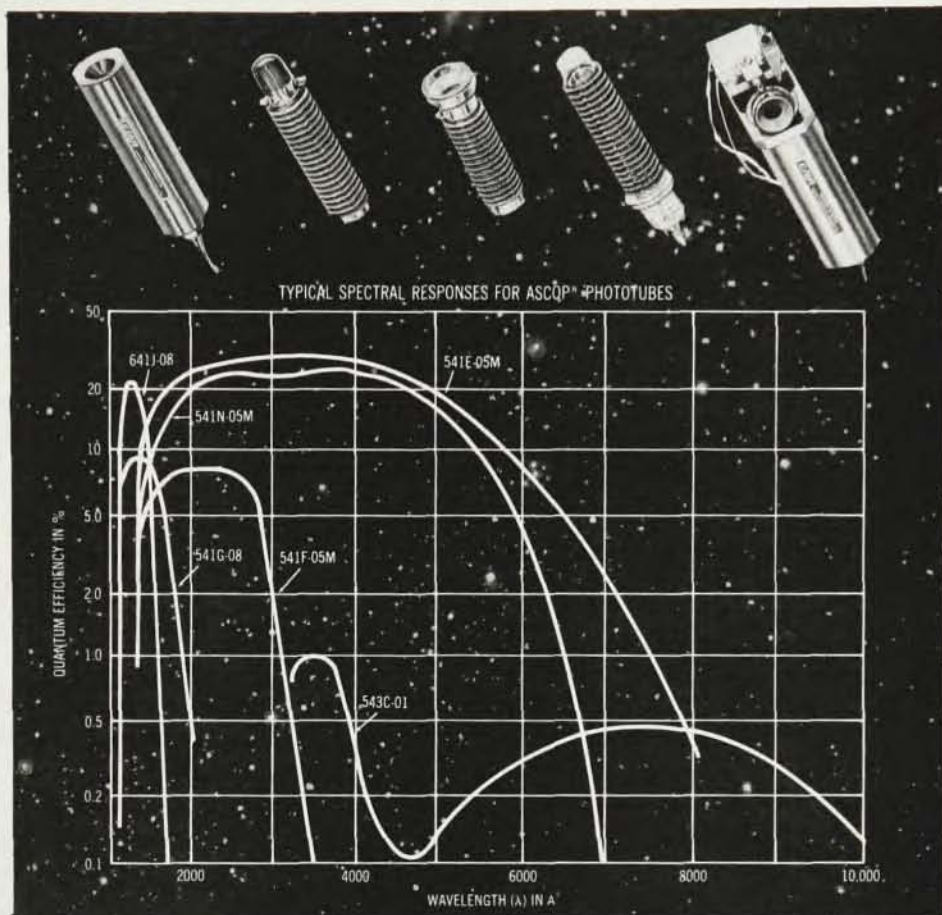
John DiCaro, fulfillment manager, stated that the computer had presented no major problems and will eventually assist other divisions. Serving with him is Anna Sabatino, assistant fulfillment manager, who will also supervise the Correspondence Section. DiCaro is a new member of the AIP staff and replaces Andrew Uszak. He was formerly with Bittenheim Publications, McCall's and McGraw-Hill.

#### IN BRIEF

Application deadlines are near for the fellowship programs of the National Science Foundation. For predoctoral fellowships the deadline is 6 Dec. and for regular postdoctoral fellowships the date is 9 Dec. No senior postdoctoral awards will be made in 1968-69. Applications for college teacher science faculty fellowships are due by 7 Oct. NSF also administers two North Atlantic Treaty Organization programs: postdoctoral fellows in science, with application due by 4 Oct., and senior fellowships in science, due by 31 March. Details available from Division of Graduate Education in Science, National Science Foundation, Washington, D. C. 20550.

*Clearinghouse Announcements in Science and Technology (CAST)*, reviews of technical documents in each of 46 fields, are being published on the 10th and 25th of each month by the Clearinghouse for Federal Scientific and Technical Information of the National Bureau of Standards. Subscriptions are available at \$5 a year for the first category chosen and at \$5 a year for each additional two categories from Clearinghouse (410.61), US Department of Commerce, Springfield, Va. 22151. □

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