Institute of Tokyo, Honmachi, 1-1, Shibuya-ku, Tokyo, Japan

Committee members:

Chairman Prof. T. Shiba (Tokyo Institute of Technology)

Vic-Chairman prof. S. Araki (Tokyo Onetropolitan Universic

Prof. W. Funasaka (hyoto University

Dr. Y. Mashiko (The Gov. Chem. Ind. Res. inst. of Tokyo)

Members eleven

Members of Execurive Committee

prof. S. Araki, Dr. Y. Mashiko

prof M. Maruyama (chuo Univ.)

Dr. T. Takenishi (Ajinomoto Co.)

(c) Gas chrematogram and retention data (retention time, retention volume relarire retontion or retention index) of all volatile

(d) Fornat: edge-natched punched card

Price: 15,000 par 400 cards

Publicher: Phyaice-chemical Data Association, Ltd.

c/o The Japan Society for Analitical Chemistry, 1-1 Shibuya-ku, Tokyo Japan

High Pressure Data

(a) High pressure Data

(b) High pressure Data Center

c/o Society of Materials Science, Japan 1-101 Izuaidono-cho Yoshida, hyoto, Japan Direc

Director: prof. Dr. Jiro Osugi

(c) Properties and reactions of all substances under high pressures

(d) Punched cards and sheets

Remark:

Started in February 1966. The program is administrated by a committee consisting of 66 acientists from the following fi ids: high pr pressure apparatus, materials physics, chemistry, properties of finids metallurgy, shock waves, earth sciencs. geology, alneralogy, oceanography, biology and high pressure techaclogy.

Activities of the Center are direcied, at the moment, to the folleing lises:

1. Collestion, clessification, sterage and diatribution of data abtained domestically
2. Change of information with "High Pressure Data Center, U.S.A."
3. Regular distribution of data
4. Holding meetings for information exchange
5. Data Service

Data on Mechanical properties of Steel

(a) Data on Mechanical properties of Steel

(b) c/o Dr. T. Okamoto, Japan Steel Society

Information may be obtained from:

prof. I. Gokyu Faculty of Engineering Tokyo University, Tokyo Japan

(c) Data Concerning resistance to deformtion at leivated temperature, preduced in Japan

(d) Partial ressits have been published in a memograph:

Researches on Resiatamce to Deformasion at Hievated temperature conduced in Japan (April 1960)

Remark:

This project has been conduced to a request from CIRP Paris.

Equilibrium Constants of Molten Steel

(a) Data concerning equilibrium constants of molten steel

(b) 119th committees, Japan Sociaty for the Prosetion of Science Kanda-Hitotsubashi 1-1, Chiyoda-ku, Tokyo Japan (Chairman: Dr. Hiroshi Sunawara)

(c) Data of equilibium constants of deorydation reactiena in molton steel systems

(d) Data concerning individual fanctions are prsented in separate booklets. (a booklets have been published up to now) Japanese editions are sold, but english editions are diatributed to related inotitutions as donation. It is expected that reauets will be published in a monograph within 2 or 3 years.

Physical Property Values (Buasei Teisu)

(a) Physical Property Values of Subatances

(b) Editorial committee of "Physical Property Values (Bussei Teimu)".

Chairman: Prof. Kazuo Sato, Tokyo Institute of of Technology, Ookayama, Megro-ku, To cyo Japan

Members: 31

(c) Physical property values useful for chemical engineering deaign

Such as: P-T-V relationships for gasas, Properties of liquids, thermodynamic constants, vapeur pre-

ssure, latent heat and boiling point, gas-liquid e equilibrium. Solution equilibrium, viscosity, thermal thermal conductivity, diffusion constansts, etc.

(d) Presented as earies of monographs, published annually, Bussei-Teiau, Maruzen Co., Vol. 4 has been published in 1966.

(e) Except in Vol 1 no apacial affort has been paid to critical evaluetion of data.

Remark:

Data are coolected by committee members from current issues of 60 journals.

Molecular Weight Measurements of Polymers

(a) Molecular Weight Massurements of Identical Samples of Synthetic polymers

(b) Committee on Molecular Weight and Molecular Weight Distribution Chairman: Prof. A. Kotera, Department of Chemistry, Tokyo Kyoiku University Ootauka, Bunkyo-ku, Tokyo

(c) Molecular weight and molecular weight distribution are measured in different laboratories using a standard sample (for instance, polystyrene SMII 2F-2), and critically evaluated, for the purpose of improving the experimental methods of light scattering, osmotic pressure, and viscosity measurements.

(d) Reported annually in "Reports on progress in polymer physics in Japan"

(e) See (c)

Data on Earthquakes

(a) Supervised by Mr. Kozo Kumura, Earthquake Section, Obaervation Division, Weather Bureau, Tokyo

(b) Data Concerning eathquakes in Japan, including deterministion of earthnquake centers.

(c) Published in "Zishin Geppo" (Monthly Report of Earthquake). Part of the data are communicated to ISRC (International Seusnik Research Center Edinburgh, U.K.)

in addition to those iisted above, the following activities have been reported which are being carried on under international coondination

Nuclear Data

(a) Nuclear D

(b) Japan Nuclear Data Committee (JNDC)

Chairman: Dr. T. Momota, Japan Atomic Energy Research Institute, Takai Research Establishment, Tohai-mura Ibaraki-ken, Japan

(c) Data Concerning nuclear reactions in which neutrons take part, either as an incident particle or as one of the products.

(d) Not published Compiled data are communicated to EANDC (European-American Nuclear Data Committee), edited as regular reports entitled "Japanese Progress Report to the EANDC".

This program is carried out as a part of an international programme sponsored by IAEA (International Atomic Energy Agency)

Crystallographic Data

Projects under IUC. and in collaborations with ASTM.
Committee on Crystallogrephic Data,
Chairman: Prof. T. Watanabe (Kansei-Gkuin University, Nishinomiya, Hyogo-ken, Japan)
Committee on Powder Data Producing Group,
Chairman: Prof. T. Fujiwara, Zushi 4-11-1 Kanagawa-ken, Japan

Geochronalogical Data

Prof. T. Matsumoto, Deveropment of Geology, Fecuity of Science, Kyushu University. Fukuoka, Japan
Project speasored by Commission on Geochrouology IUGS.

Data on Polar Moten

One of the Services of FAGS.
Dr. S. Yumi, Lattitude Observatory, Ministry of Education, Chiyoka-ku, Tokyo (Central Office, International Polar Motion Service)
Data published in "Monthly Notes of the International Polar Motion Service"
(list may not be exhaustive)