the answer here. The navigator, who uses a different nautical almanac, will have somewhat less use for this *Supplement*, especially if his mathematical background is insufficient to permit reading all of it. However, anyone interested in practical astronomy, either professionally or as an amateur, will certainly want this *Supplement* in his personal library.

Progress in International Research on Thermodynamic and Transport Properties. Symp. Proc. (Princeton, Jan. 1962). Joseph F. Masi and Donald H. Tsai, eds. 762 pp. American Society of Mechanical Engineers and Academic Press Inc., New York, 1962. $24.00. *Reviewed by Stuart A. Rice, University of Chicago.*

THIS collection of papers contains useful information for those investigators interested in thermodynamics and transport properties. In particular, an extensive review by Liley provides 394 references to recent transport studies of liquids and gases. These are also cross referenced according to the appropriate transport coefficient. There are also contributions on the properties of ionized gases (unsophisticated), on the properties of non-Newtonian fluids, and a number of standard determinations of thermodynamic properties. On the whole the theoretical papers present reviews of recent work but do not in themselves present any new ideas. The theory of transport phenomena is adequately covered, including recent developments in the statistical theory and recent developments in curve fitting. At $24.00 the volume is too expensive for an individual investigator to have in a personal library but is a worthwhile investment for departmental libraries.

Properties of Materials at Low Temperatures (Phase I)—A Compendium. Victor J. Johnson, editor, 983 pp. Pergamon Press Inc., New York, 1961. $30. *Reviewed by Joseph Hilsenrath, National Bureau of Standards.*

IT would be unfair to the editor and contributing authors to proceed to review this compendium without mentioning first the special situation which led to the preparation of this material originally as an Air Force technical report, and the general legal status of material in the public domain, which, judging from this publication at least, seems to leave an author or his agency no voice in deciding the time or the place or the format for the dissemination of his work in a formal publication.

To put the matter bluntly, this is an unsanctioned reprint of a technical report submitted under contract between the U. S. Air Force and the Cryogenic Engineering Laboratory of the Boulder Branch of the National Bureau of Standards. The three-part report was issued by the Wright Air Development Division as WADD Technical Report 60-56 entitled *A Compendium of the Properties of Materials at Low Temperature (Phase I)*. Copies of this report were printed and