

APPENDIX L: REFERENCES

Please note: no attempt has been made to add any new references since the last review on December 2006.

AVHRR S/N A306 Alignment/Calibration Handbook and Optical Data, by ITT Industries (Report 8172845, Rev B), January 2002.

AVHRR S/N A306 Alignment/Calibration Handbook, by ITT Industries (Report 8189613, Rev C), August 2003.

Ball Specification Compliance and Calibration Data Book for Flight Model 4, June 1991: S/N 005 SBUV/2, Ball Document # B6802-101, Boulder CO.

Brown, O.W., J.W. Brown, and R.H. Evans, 1985: *Calibration of the Advanced Very High Resolution Radiometer*, J. Geophys. Res., **90** (11), 677.

Cohen, E.R and B.N. Taylor, August 1997: *The Fundamental Physical Constants*, Physics Today, Buyers' Guide, 9-13.

Escobal, Pedro R., 1965: *Methods of Orbit Determination*, John Wiley, New York, p. 30.

Heidinger, A. K., C. Cao, and J. T. Sullivan, 2002: *Using MODIS to calibrate AVHRR reflectance channels*, J. Geophys. Res. - Atmosphere, in press.

Hilsenrath, E., R.P. Cebula, M.T. Deland, K. Laamann, S. Taylor, C. Wellemeyer, and P.K. Bhartia, 1995: *Calibration of the NOAA-11 Solar Backscatter Ultraviolet (SBUV/2) Ozone Data Set from 1989 to 1993 using In-Flight Calibration Data and SSBUV*, J. Geophys. Res., **100**, 1351-1366.

HIRS/4 H305 Alignment/Calibration Handbook, submitted by ITT Industries (Report 8168951, Rev E), May 2003.

Instruction Manual and Alignment/Calibration Handbook and Optical Data, submitted to NASA/GSFC by ITT Aerospace/Communications (Report 8172836, Rev A), October 1997.

Instruction Manual and Alignment/Calibration Handbook and Optical Data, submitted to NASA/GSFC by ITT Aerospace/Communications (Report 8162681, Rev B), July 1999.

Janssen, M, editor, 1993: *Atmospheric Remote Sensing by Microwave Radiometry*, John Wiley & Sons, New York, New York.

Kigawa, Seichiro and Tsan Mo, 2002: *An Algorithm for Correction of Lunar Contamination in AMSU-A Data*, NOAA Technical Report NESDIS 111, December 2002.

Maury, J.L. and G.P. Brodsky, 1969: *Cowell Type Numerical Integration as Applied to Satellite Orbit Computation*, Goddard Space Flight Center Report X-553-69-46, also NASA Report NASA-TM-X-63542, December 1969.

Meeus, Jean, 1991: *Astronomical Algorithms*, Willmann-Bell, Richmond, Virginia, p. 32.

Mo, Tsan, 1996: Prelaunch Calibration of the Advanced Microwave Sounding Unit-A for NOAA-K, IEEE Trans. Microwave Theory and Techniques, 44, 1460-1469.

Mo, Tsan, 2002: An Algorithm for Correction of Antenna Temperature Errors due to the Anomaly in NOAA-17 AMSU-A Channel 3, NESDIS Internal Memorandum, August 2002.

Mohr, Peter J. and Barry N. Taylor, 1998: CODATA Recommended Values of the Fundamental Physical Constants, National Institute of Standards and Technology, Gaithersburg, MD 20899-8401

Moore, W. and P. Beandet, P., 1973: *The Testing of Fixed-step Numerical Integration Processes for the Cowell Method of Special Perturbations*, Proceedings of the Conference on the Numerical Solution of Ordinary Differential Equations, Springer Lecture notes in Mathematics, Vol. 362.

NASA and NESDIS Pamphlet, NOAA-K, 29 pp.

Neckel, H. and Labs, D., 1984, The solar radiation between 3300 and 12500 Angstroms, Solar Physics, Vol. 90, pp. 205-258.

Planet, Walter G. (Editor), revised October 1988, Data Extraction and Calibration of TIROS- N/NOAA Radiometers, NOAA Technical Memorandum NESS 107 Revision 1, 130 pp.

Rao, C.R.N., 1987: *Pre-Launch Calibration of Channels 1 and 2 of the Advanced Very High Resolution Radiometer*, NOAA Technical Report NESDIS 36, Department of Commerce, Washington, D.C.

Rao, C.R.N., J.T. Sullivan, C.C. Walton, J.W. Brown, and R.H. Evans, 1993: *Nonlinearity Corrections for the Thermal Infrared Channels of the Advanced Very High Resolution Radiometer: Assessment and Corrections*, NOAA Technical Report NESDIS 69, Department of Commerce, Washington, D.C.

Rao, C.R.N., and J. Chen, 1995: *Inter-satellite calibration linkages for the visible and near-infrared channels of the Advanced Very High Resolution Radiometer on NOAA-7, -9, and -11 spacecraft*, International Journal of Remote Sensing, **16**, 1931-1942.

The American Ephemeris and Nautical Almanac (1855-1980), United States Naval Observatory,

Nautical Almanac Office, Government Printing Office, Washington, D.C.

Weinreb, M.P., G. Hamilton, S. Brown, and R.J. Koczor, 1990: *Nonlinearity corrections in calibration of Advanced Very High Resolution Radiometer*, J. Geophys. Res., **95**, 7381-7388.