

Hesperides Standard Bridge Observations Data Quality Control Report

Cruise: A__05_/00

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Introduction:

The data referenced in this report were collected from the research vessel Hesperides (Call sign: unknown; Data Provider: IEO, Madrid, Spain/ Gregario Parilla) Standard Bridge Observations for 1 WOCE cruise. These data were received in electronic format and converted to the standard FSU format. They were then preprocessed using an automated data checking program. Next a visual inspection was completed by a Data Quality Evaluator who reviewed, modified and added appropriate quality control (QC) flags to the data. Details of the WOCE QC procedures can be found in Smith et al (1996). The data quality control report summarizes the flags for the Hesperides Standard Bridge Observations, including those added by both the preprocessor and the Data Quality Evaluator.

Statistical Information:

The data referenced in this report were expected to include observations taken roughly every 2 hours by the Hesperides bridge crew. The details of the cruise including start and end date, number of values, number of records, number of flags and percentage flagged are outlined in table 1.

Table 1: Statistical Cruise Information

CTC	Dates	Number of Records	Number of Values	Number of Flags	Percentage Flagged
A__05_/00	07/20/92 - 08/06/92	260	1300	14	1.08

Time (TIME), latitude (LAT), longitude (LON), earth relative wind direction (DIR), and earth relative wind speed (SPD) were analyzed. A total of 1300 values were checked, with 12 “F” flags

Table 2: Number of Flags and Percentage Flagged for Each Variable

Variable	F	Total Number of Flags	Percentage of Variable flagged
TIME		0	0
LAT			

References:

Smith, S. R., C. Harvey, and D. M. Legler, 1996: *Handbook of Quality Control Procedures and Methods for Surface Meteorology Data*. WOCE Report No. 141/96, Report WOCEMET 96-1, Center for Ocean Atmospheric Prediction Studies, Florida State University, Tallahassee, FL 32301.