FRANKLIN CRUISES FR 8/90, 5/92 AND 8/93
DATA DOCUMENTATION
JGOFS WESTERN EQUATORIAL PACIFIC PROCESS STUDY

[1] General:
Parameter: Acoustic Doppler current profiles
Principal Investigator: Denis Mackey
Institute Address: CSIRO Division of Marine Research
E-Mail Address: Denis.Mackey@marine.csiro.au
List of Parameters: Current velocity in 8 m depth bins cm sec\(^{-1}\)
List of Units: Northwards currents positive, southwards negative, Eastwards currents positive, westwards negative, all velocities in cm sec\(^{-1}\).

[2] Sampling:
Gear (e.g. CTD, pump, etc.): RDI hull mounted acoustic doppler current profiler, 150kHz.
Standard Depths: 8 m bins starting ~16 m below the transducer to as deep as possible.
Chemicals used: None
Special Procedures: See below
Comments and Notes: The data presented is a selection of data at approximately 50 km intervals (0.5 degrees of latitude) that was presented in Mackey et al., (1995, 1998).

3] Analysis:
Instrument: RDI acoustic doppler current profiler
Method: Data collected and averaged over 3 minutes, and during processing averaged into 20 minute averages.
Precision: +/- 1 cm sec\(^{-1}\)
Comments: ADCP data available from FR 9008, FR 9205, and FR 9308.

[4] Results:
Quality of Data: Good.
Known Problems:

[5] Brief description of analytical method

E:\JGOFS DATA\Project metadata description.doc
Processing of the raw ADCP files was done according to the methods available at data-requests@marine.csiro.au

[6] Comments:

The full data set is available on request from the Data Processing Group, CSIRO Division of Marine Research, GPO Box 1538, Hobart, Tasmania, Australia 7001 (email: data-requests@marine.csiro.au).

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