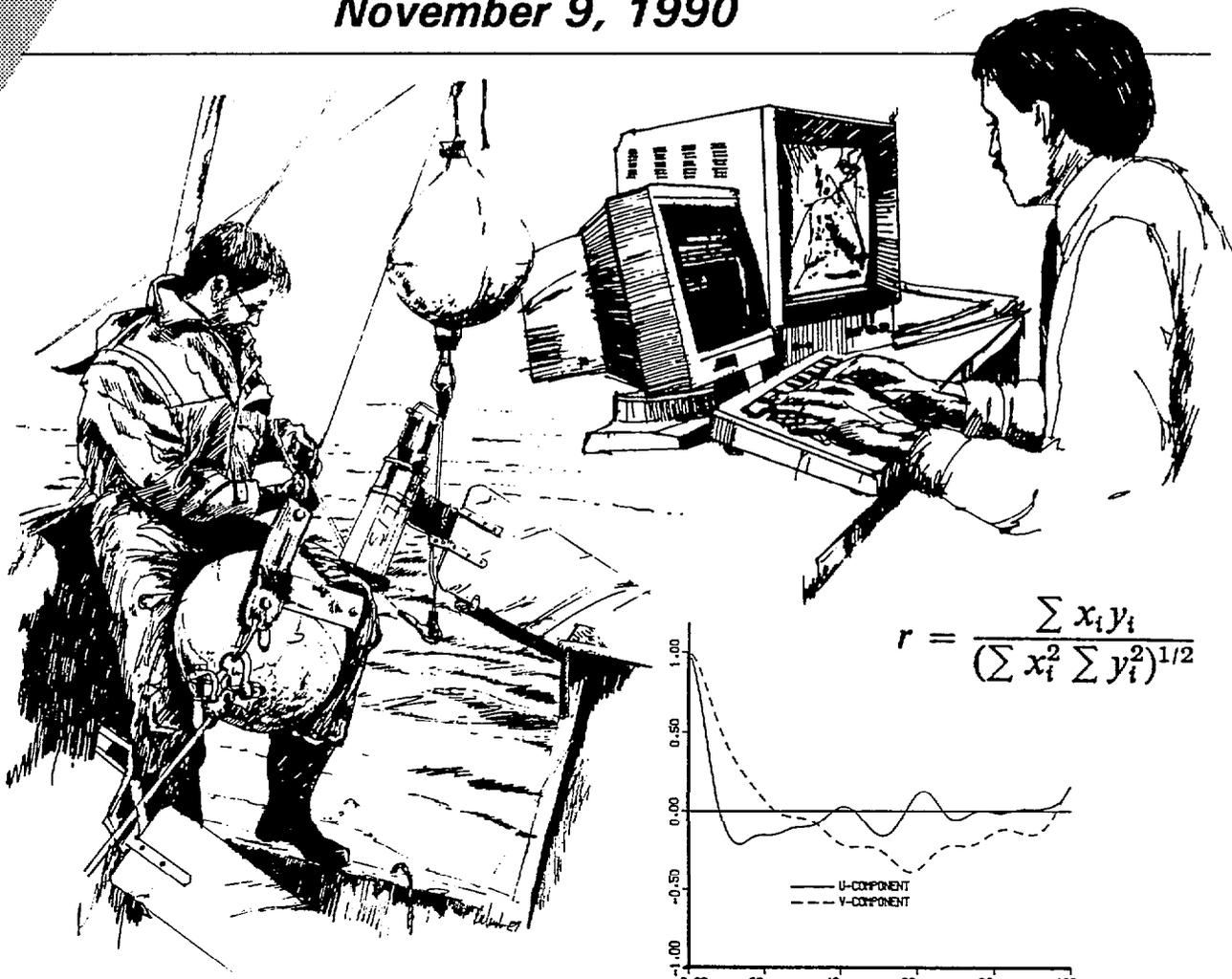


# INTEGRATION of CIRCULATION DATA in the BEAUFORT SEA

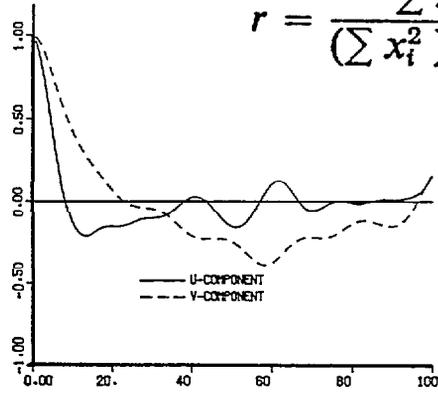
## Appendix A

### Plotted Output by Year

November 9, 1990



$$r = \frac{\sum x_i y_i}{(\sum x_i^2 \sum y_i^2)^{1/2}}$$



## INTRODUCTORY NOTE

Each plot displays the names of the analyzed data record(s) . These names correspond with the file names listed in Tables 3-1 through 3-7, and contain the year from which data came, as well as the record identification. The name label on the plots also gives the respective velocity component (U or V) that was analyzed .

There is a one-to-one correspondence between plots in this appendix and printouts of computed results in Appendix B.

Two data records are named on a cross correlation plot. The record named on the left leads the record named on the right for positive lags. An envelope of two dashed lines represents the 95 percent confidence interval for the cross correlation function.

Two data record names also appear on coherence and phase plots. The record named on the left leads the record named in the right for positive phase values . A horizontal solid line on the coherence plot indicates the 95 percent confidence level.

The dashed lines on either side of the autocorrelation function represents the 95 percent confidence interval.