

NOAA Data Report ERL AOML-6

PEGASUS CURRENT PROFILER MEASUREMENTS
COLLECTED FOR EPOCS, 1980 - 1983

Doug Wilson
Carol Roffer
Gregg Thomas

Physical Oceanography Division

Atlantic Oceanographic & Meteorological Laboratory
Miami, Florida
August 1985

017607

Property of
NOAA Miami Library
4301 Rickenbacker Causeway
Miami Florida 33149



UNITED STATES
DEPARTMENT OF COMMERCE

Malcolm Baldrige,
Secretary

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

Environmental Research
Laboratories

Vernon E. Derr,
Director

2 C
102.
146
A 5
no. 6
copy 2

NOTICE

Mention of a commercial company or product does not constitute an endorsement by NOAA Environmental Research Laboratories. Use for publicity or advertising purposes of information from this publication concerning proprietary products or the tests of such products is not authorized.

TABLE OF CONTENTS

Abstract	1
Introduction	2
Pegasus Current Profiler	4
Acknowledgements	6
References	7
Data: Appendix A EP3-80-RS and EP4-80-RS	8
Appendix B EP2-81-OC	31
Appendix C EP3-81-OC	46
Appendix D EP6-81-RS	72
Appendix E EP1-82-DI	99
Appendix F EP5-82-RS	122
Appendix G EP1-83-RS	141
Appendix H EP3-83-RS	159

ABSTRACT

Current velocity profiles recorded on nine AOML EPOCS (Equatorial Pacific Ocean Climate Studies) cruises during 1980-1983 using the Pegasus profiler are presented. The data were collected along several equatorial transects from 85 W to 110 W. Station locations and current profiles are shown for each cruise; the instrument and techniques of data acquisition and processing are also described.

INTRODUCTION

The Equatorial Pacific Ocean Climate Studies (EPOCS) program is a NOAA reasearch program initiated in 1979 to study the role of the equatorial ocean in global climate variations. The research concentrates on the origin and effects of large-scale interannual sea surface temperature (SST) anomalies in low latitudes and their association with interannual atmospheric variability. Investigating the origin of the SST anomalies requires the study of equatorial circulation and how it is linked to changes in SST.

One aspect of the EPOCS field program included measurements of near equatorial currents in the eastern Pacific. Several methods were used; moored current meters, satellite tracked drift bouys, and current profiling devices. This report summarizes the results from one of the profilers used, Pegasus, on nine cruises from 1980 - 1983. The time period of these Pegasus observations covered the years preceding and during the strong El Nino event of 1982-83. While early cruises went as far west as 110 W, the majority of the observations involved three repeated sections in the far eastern Pacific; a cross-equatorial section from 4.5 N to 4.5 S at 85 W, and zonal sections from 85 W to the South American coast at 5 S and 10 S.

The nine cruises are designated as EPx-yy-ss, where x is the cruise number, yy is the year, and ss is an abbreviation for the ship used (OC - NOAA Ship Oceanographer, DI - NOAA Ship Discoverer, RS - NOAA Ship Researcher). Each section of this report presents a cruise track with Pegasus station locations and current velocity and temperature data from each station. The U and V velocity components are in cm/sec and are positive eastward and northward, respectively; temperature is given in degrees Celsius.

PEGASUS CURRENT PROFILER

The Pegasus instrument is an acoustically tracked, free-falling current velocity profiler (for details see Spain, et al., 1981). During a cast, from the surface to a fixed depth (where external ballast is released) and back, the instrument periodically signals two bottom located transponders and internally records acoustic travel times based on the return signals, along with pressure and temperature sensor readings. With a knowledge of the relative positions of the transponders (based on ship surveys), the travel times and pressures allow the determination of the instrument trajectory.

Following each cast, raw travel time, pressure, and temperature counts were transferred from the instrument's solid state memory to a DEC PDP 11/44 or Hewlett Packard 85 microcomputer for final processing. The series of travel times often contained spurious points; these were edited from the series and replaced using low order polynomial fits. Pressure and temperature counts were converted to decibars and degrees Celsius based on pre-cruise sensor calibrations. The trajectory was calculated and differentiated using a seven point smoothing window to obtain a velocity vs. pressure profile. Each cast consists of an up and a down profile - under ideal circumstances the

two are virtually identical - and one was chosen from each cast for presentation. Up or down is designated in the lower right corner of each plot.

There were some data problems particular to certain cruises. The pressure and temperature sensor calibrations for the Pegasus instrument used on cruises EP3-80-RS and EP4-80-RS were in error; pressure values were based on estimated instrument drop rate and there are no temperature values given in the appendices for these cruises. Specific questions concerning data processing methods can be directed to the authors. This data set is also available on magnetic tape from the authors.

ACKNOWLEDGEMENTS

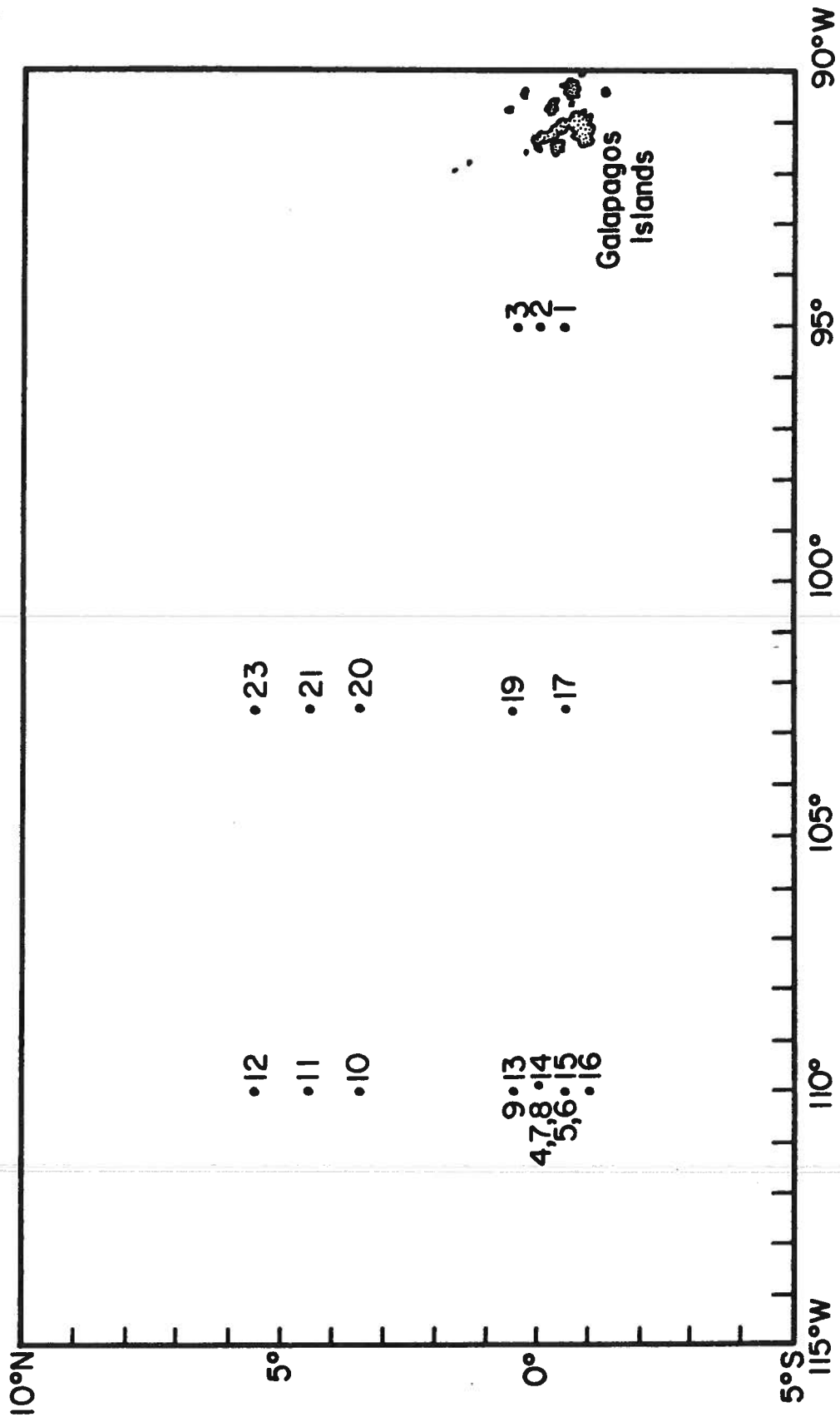
The authors express their thanks to the officers, crew, and scientific personnel on the EPOCS cruises of the NOAA ships RESEARCHER, DISCOVERER, and OCEANOGRAPHER, and acknowledge the data processing contributions of Eric Marmolejo and Elizabeth Williams.

REFERENCES

Spain, Peter F., Donald L. Dorson and H. Thomas Rossby
(1981). A simple, acoustically tracked velocity profiler.
Deep-Sea Research, 28A (12), 1553 - 1567.

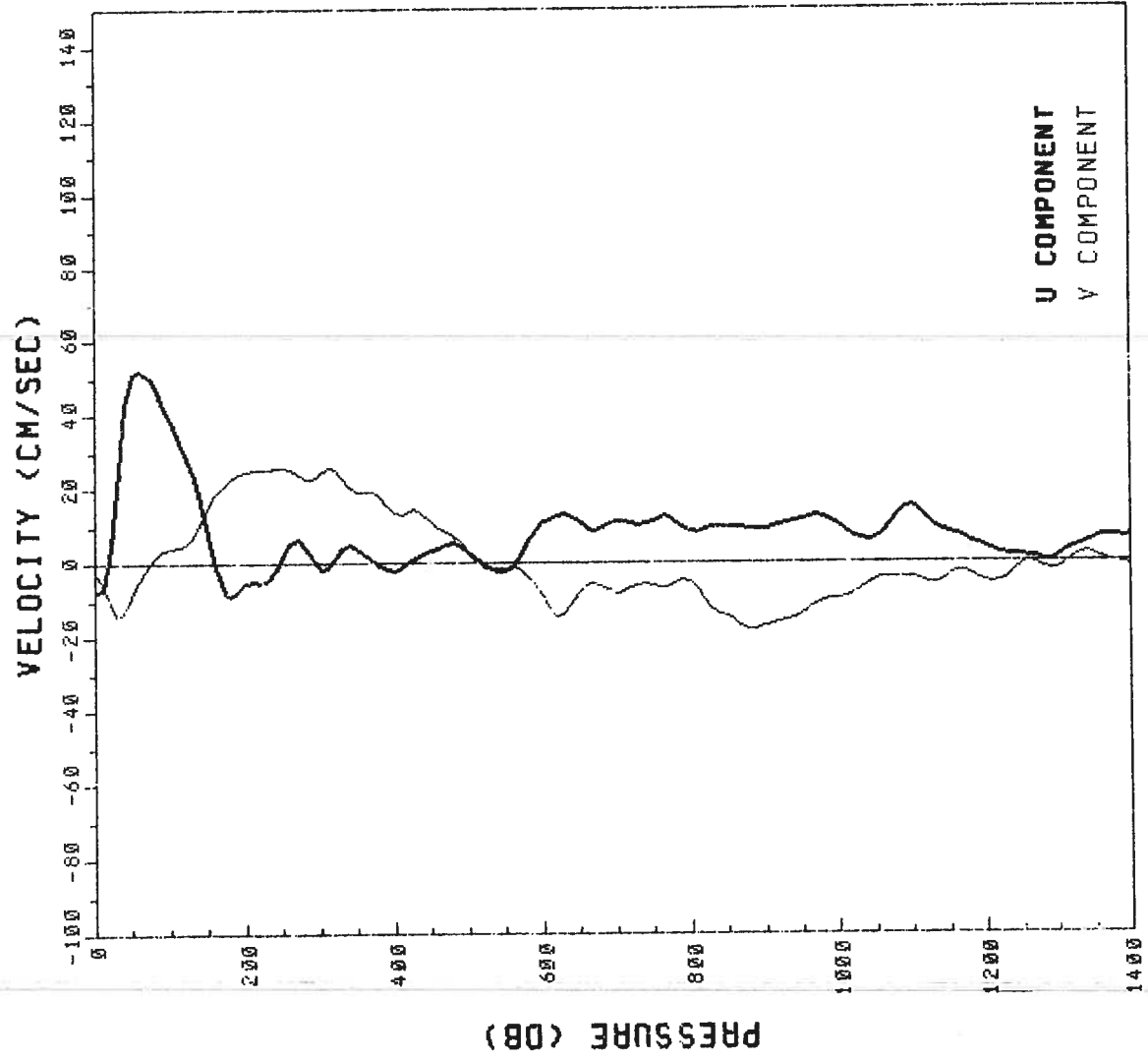
APPENDIX A: EP3-80-RS, EP4-80-RS

PEGASUS STATIONS EP3-80-RS AND EP4-80-RS

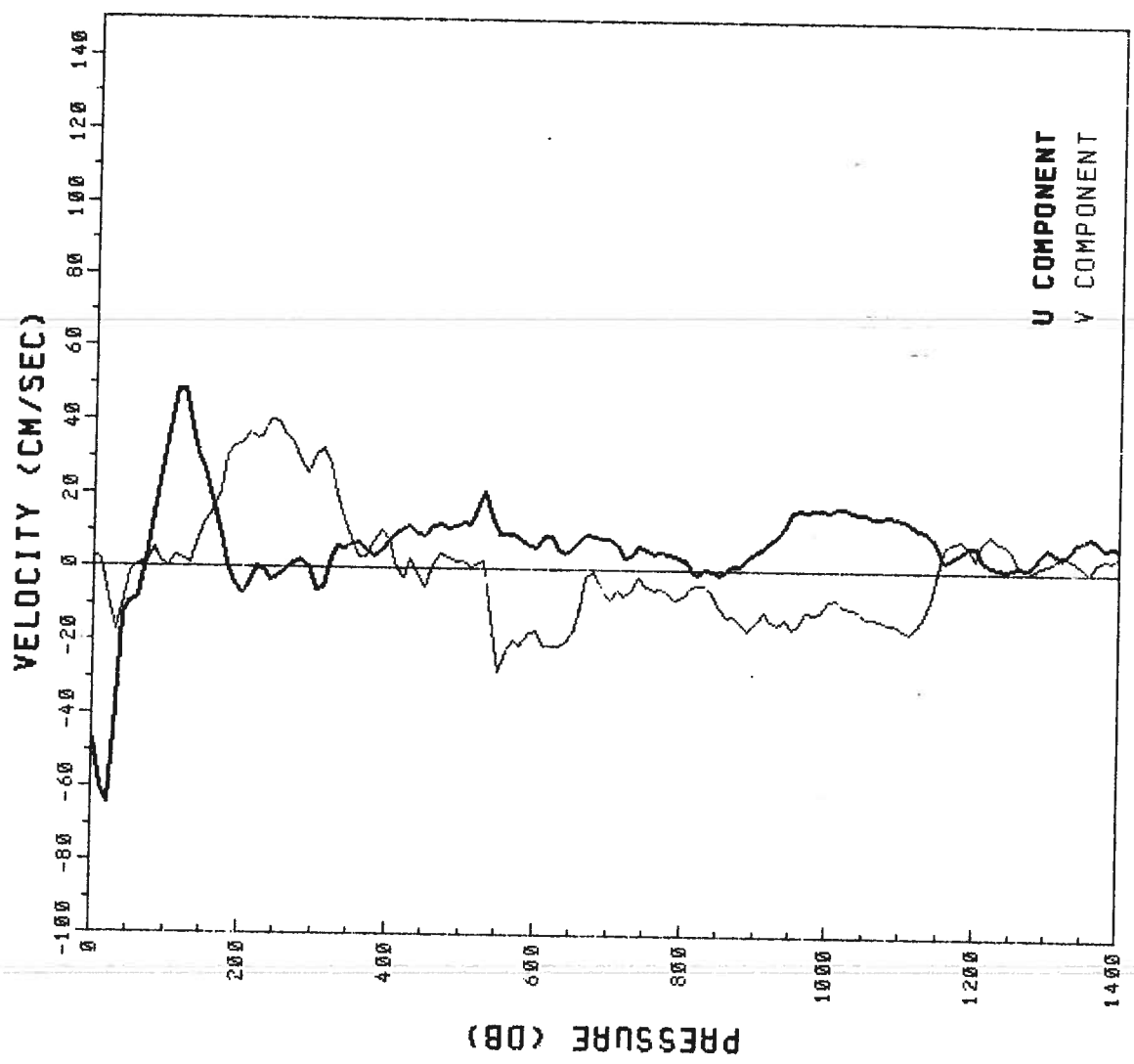


EP3-80-RS PEGASUS 1
 R/V RESEARCHER DATE 08 03 80
 LATITUDE 0.500 S LONGITUDE 94.925 W
 TIME 1702 Z

PRESSURE	U	V	T
0	-6.8	-2.5	*
10	-6.0	-4.7	*
20	4.9	-10.6	*
30	25.4	-13.9	*
40	43.0	-12.9	*
50	52.0	-8.8	*
60	52.8	-4.1	*
70	50.5	-0.2	*
80	47.1	2.4	*
90	42.8	4.1	*
100	38.7	4.8	*
110	33.3	5.2	*
120	28.4	5.7	*
130	23.6	7.4	*
140	17.0	10.5	*
150	8.1	14.6	*
160	-1.0	18.6	*
170	-7.2	21.5	*
180	-8.4	23.3	*
190	-6.7	24.4	*
200	-4.5	25.2	*
220	-4.5	25.6	*
240	-1.6	25.9	*
260	5.8	25.6	*
280	4.7	23.3	*
300	-1.3	24.5	*
320	1.9	25.6	*
340	5.5	20.9	*
360	2.9	19.3	*
380	-0.1	18.1	*
400	-1.6	13.6	*
450	4.0	11.2	*
500	3.4	3.4	*
550	-2.0	-1.1	*
600	11.2	-8.7	*
650	11.7	-7.8	*
700	11.9	-7.5	*
750	11.9	-5.8	*
800	8.9	-4.5	*
850	9.8	-14.1	*
900	9.5	-16.6	*
950	12.2	-13.6	*
1000	10.4	-9.6	*
1100	15.9	-3.6	*
1200	4.6	-4.8	*
1300	1.9	-2.0	*
1400	7.4	-0.7	*



EP3-80-RS PEGASUS 2
 R/V RESEARCHER DATE 08 04 80
 LATITUDE 0.007 N LONGITUDE 95.012 W
 TIME 0147 Z



PRESSURE	U	V	T
0	-46.6	3.4	*
10	-55.8	1.5	*
20	-64.2	-8.8	*
30	-37.8	-16.7	*
40	-12.7	-11.1	*
50	-9.1	-1.1	*
60	-7.7	0.6	*
70	4.9	2.3	*
80	17.1	5.7	*
90	26.2	2.1	*
100	37.5	0.1	*
110	48.4	3.8	*
120	48.3	2.7	*
130	38.4	1.0	*
140	31.6	6.3	*
150	26.7	12.4	*
160	18.7	14.9	*
170	9.0	20.6	*
180	1.1	30.4	*
190	-4.1	33.6	*
200	-6.8	34.4	*
220	0.5	35.4	*
240	-2.6	40.2	*
260	-0.3	36.4	*
280	3.1	28.8	*
300	-5.4	30.8	*
320	3.1	27.9	*
340	6.0	13.9	*
360	7.6	3.6	*
380	3.9	7.6	*
400	7.9	8.1	*
450	9.4	-4.5	*
500	13.2	2.4	*
550	10.0	-28.0	*
600	6.6	-16.6	*
650	6.5	-16.8	*
700	8.9	-7.7	*
750	6.1	-4.2	*
800	3.4	-6.8	*
850	-1.0	-10.0	*
900	6.1	-13.5	*
950	16.9	-15.3	*
1000	16.9	-7.7	*
1100	14.9	-15.7	*
1200	7.6	4.0	*
1300	7.4	3.3	*
1400	7.5	5.5	*

EP3-80-RS PEGASUS 3

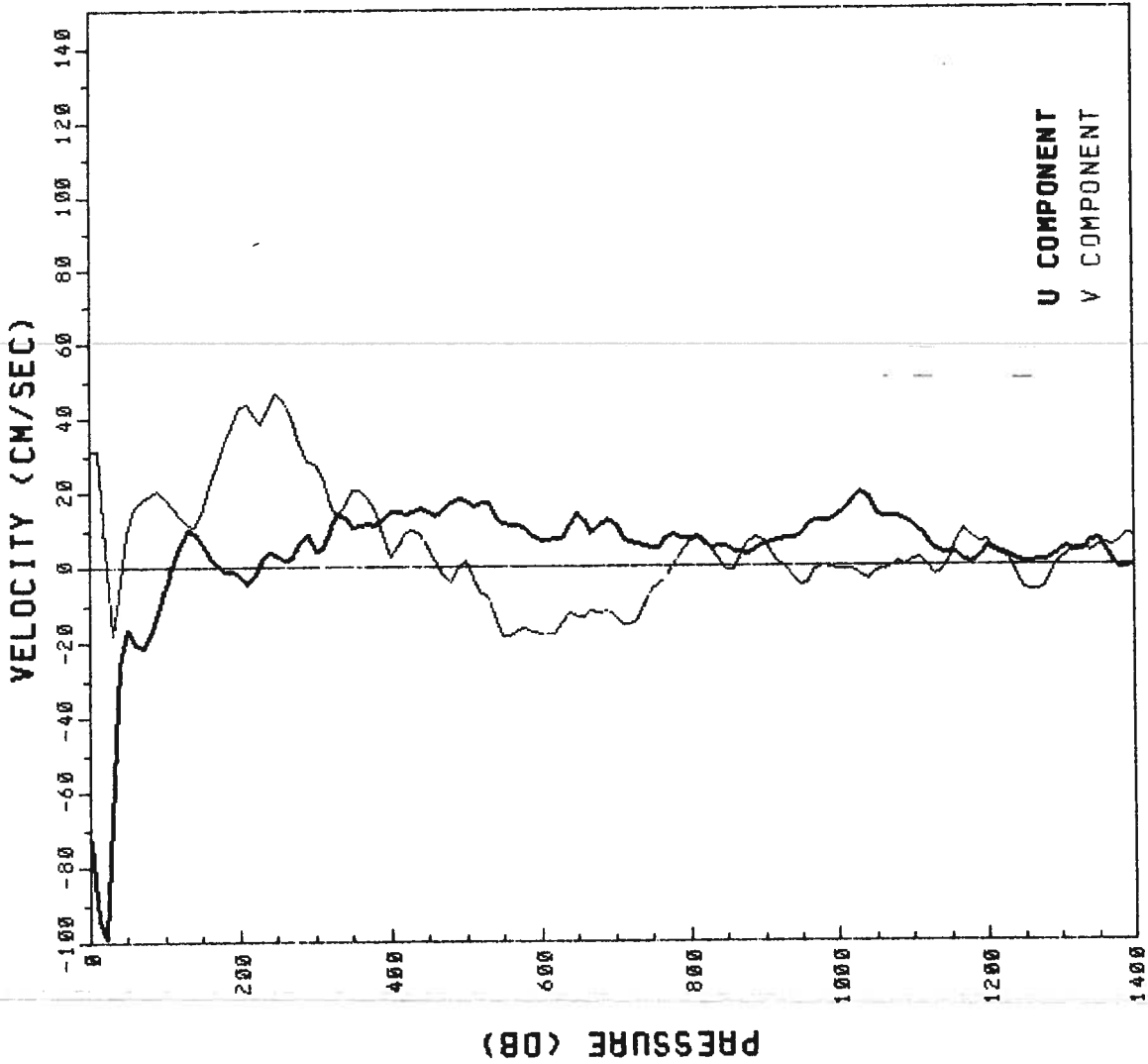
R/V RESEARCHER DATE 08 04 80

LATITUDE 0.497 N

LONGITUDE 94.997 W

TIME 1212 Z

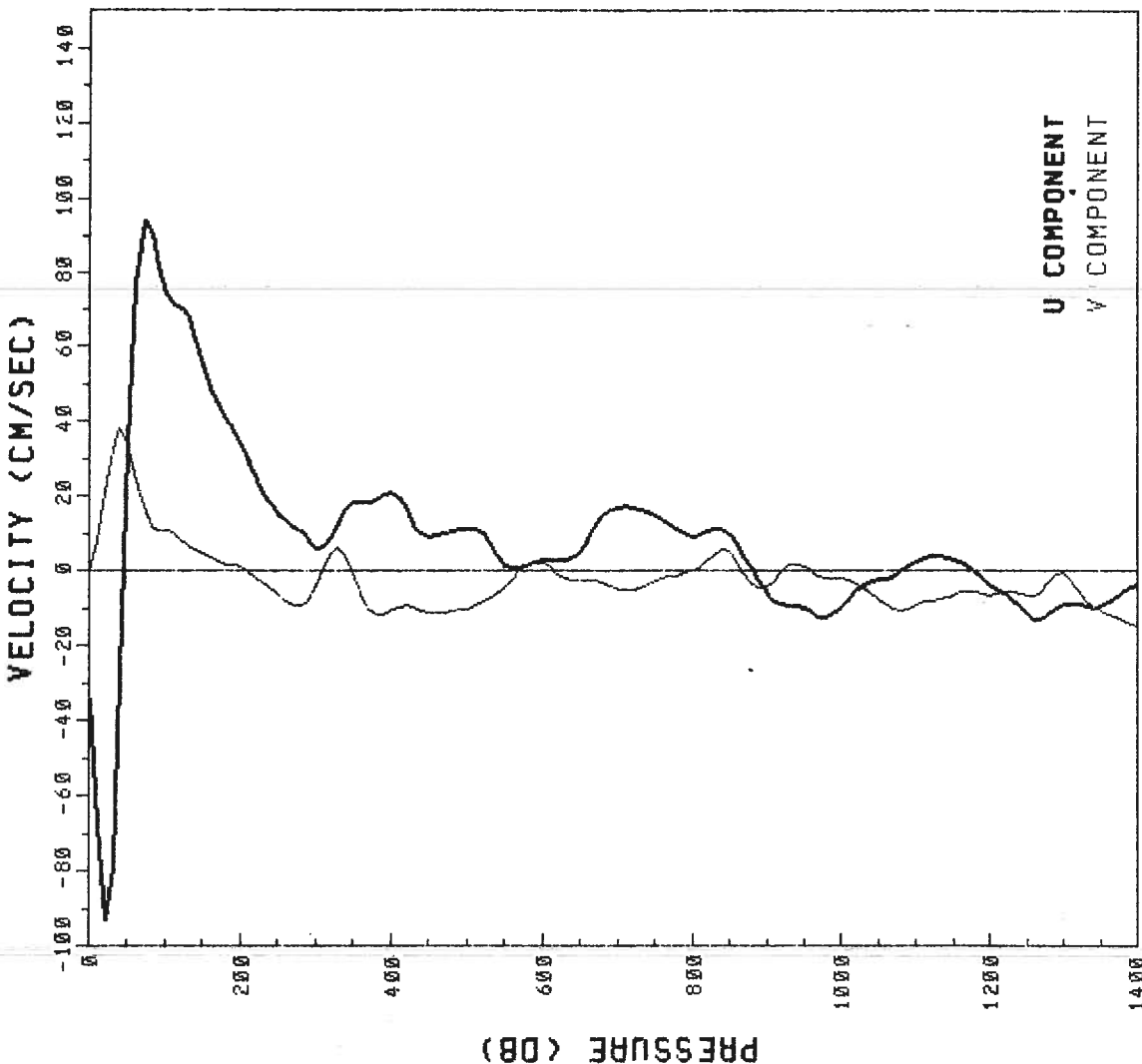
PRESSURE	U	V	T
0	-72.4	32.0	*
10	-93.8	31.7	*
20	-99.2	5.6	*
30	-57.1	-17.7	*
40	-25.6	-7.2	*
50	-16.0	9.2	*
60	-19.7	16.5	*
70	-20.7	18.8	*
80	-16.6	19.7	*
90	-11.4	20.6	*
100	-4.6	18.8	*
110	1.5	16.2	*
120	7.0	13.9	*
130	10.2	11.2	*
140	9.5	10.8	*
150	6.7	15.0	*
160	3.5	21.9	*
170	0.7	29.1	*
180	-0.7	33.7	*
190	-0.9	38.3	*
200	-1.7	43.4	*
220	-1.6	40.5	*
240	4.5	43.4	*
260	2.6	44.9	*
280	7.0	33.7	*
300	5.2	28.1	*
320	11.1	17.4	*
340	13.6	16.1	*
360	11.7	20.9	*
380	11.7	15.8	*
400	15.4	3.2	*
450	15.1	5.8	*
500	18.1	1.7	*
550	12.4	-18.5	*
600	7.5	-17.4	*
650	14.8	-12.9	*
700	11.2	-12.9	*
750	5.5	-5.8	*
800	8.2	6.9	*
850	6.2	-0.8	*
900	6.6	6.9	*
950	8.9	-4.6	*
1000	14.3	-0.7	*
1100	11.3	1.5	*
1200	5.4	6.8	*
1300	4.4	1.9	*
1400	0.5	7.8	*



U COMPONENT
V COMPONENT

EP3-80-RS PEGASUS 4
 R/V RESEARCHER DATE 08 11 80 TIME 0155 Z
 LATITUDE 0.005 S LONGITUDE 109.925 W

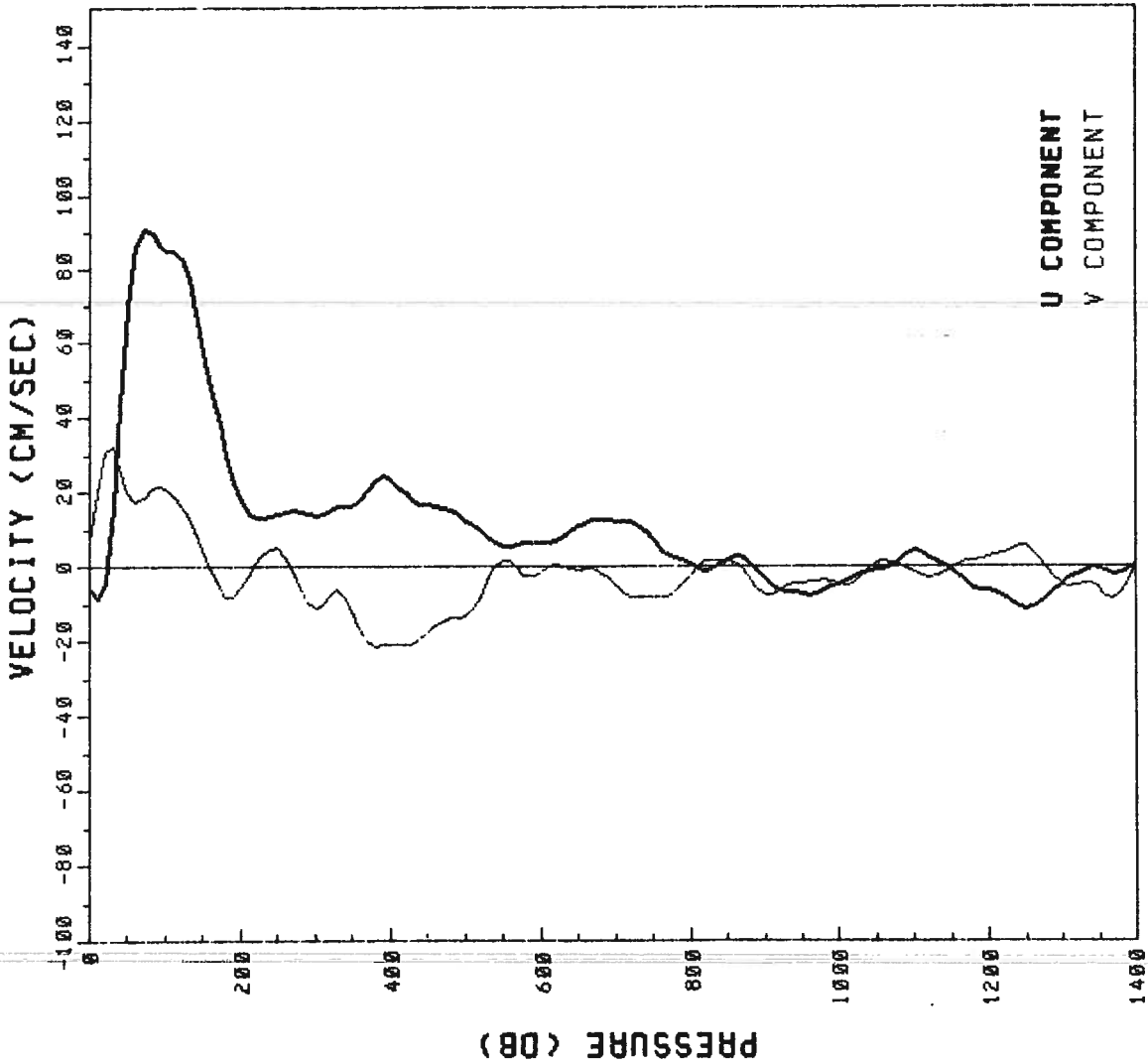
PRESSURE (DB)	U	V	T
0	-34.2	0.1	*
10	-67.5	8.0	*
20	-93.3	21.0	*
30	-79.1	32.9	*
40	-27.1	38.1	*
50	34.0	35.0	*
60	76.8	26.2	*
70	93.7	17.5	*
80	90.3	12.4	*
90	81.5	10.9	*
100	74.3	10.9	*
110	71.7	10.3	*
120	70.8	8.7	*
130	68.1	7.1	*
140	62.3	6.1	*
150	55.1	5.2	*
160	48.8	4.1	*
170	44.1	3.1	*
180	41.1	2.3	*
190	38.0	1.7	*
200	33.7	0.9	*
220	24.5	-1.6	*
240	18.0	-4.3	*
260	14.3	-7.6	*
280	10.7	-9.3	*
300	6.7	-3.9	*
320	9.5	5.1	*
340	16.9	4.5	*
360	18.7	-5.9	*
380	19.3	-11.8	*
400	21.2	-10.3	*
450	9.6	-11.1	*
500	11.7	-9.9	*
550	2.2	-4.2	*
600	3.7	2.4	*
650	5.7	-2.2	*
700	17.4	-4.6	*
750	15.4	-2.2	*
800	9.5	0.3	*
850	10.1	5.5	*
900	-5.5	-3.6	*
950	-9.6	-1.3	*
1000	-9.7	-2.0	*
1100	3.0	-9.1	*
1200	-3.2	-6.2	*
1300	-8.7	-0.3	*
1400	-3.2	-14.3	*



U COMPONENT
 V COMPONENT

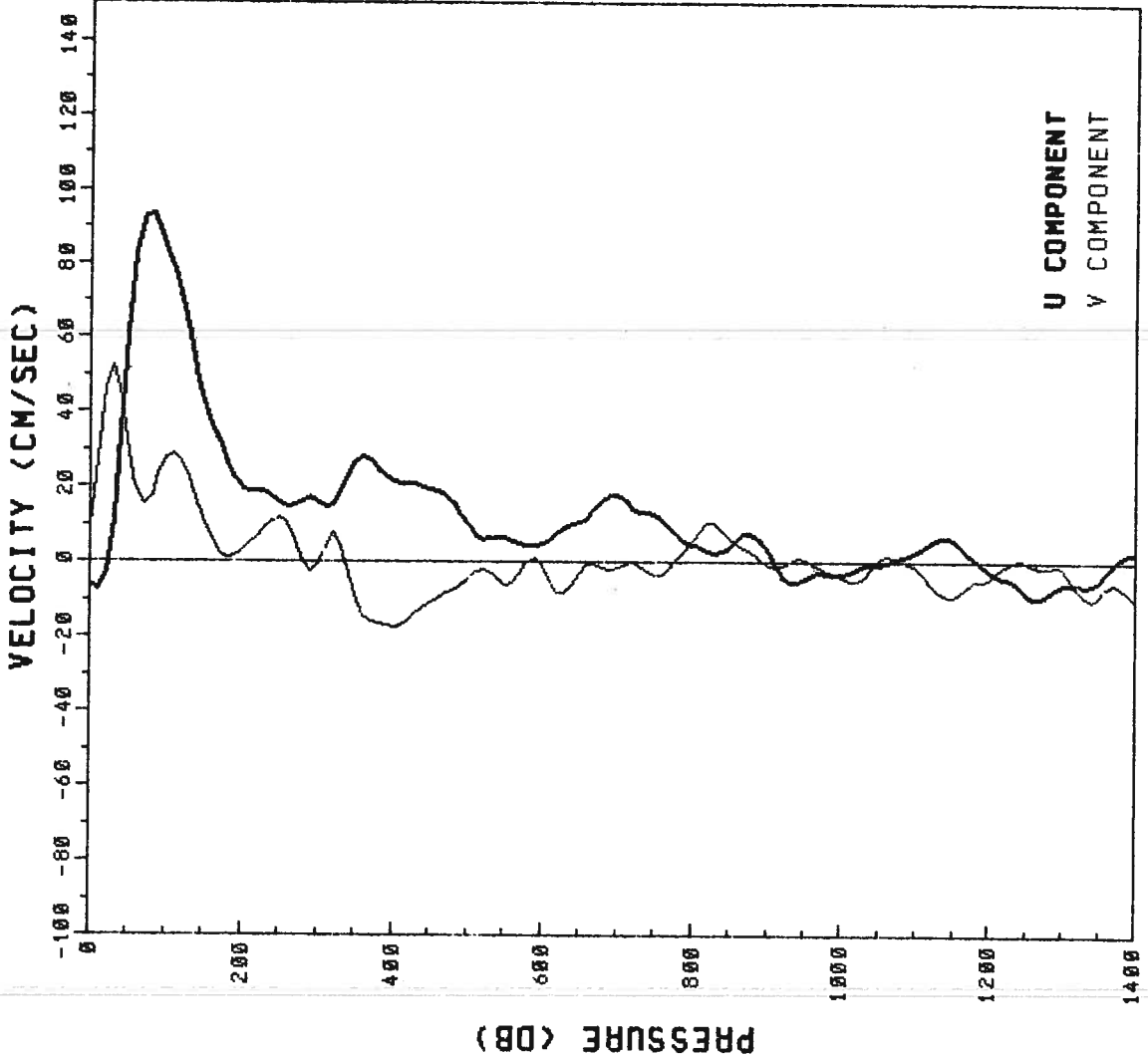
EP3-80-RS PEGASUS 5
 R/V RESEARCHER DATE 08 12 80 TIME 0001 Z
 LATITUDE 0.463 S LONGITUDE 109.993 W

0	U	V	T
10	-5.7	6.8	*
20	-8.7	20.1	*
30	-3.5	31.4	*
40	16.1	32.8	*
50	43.8	26.9	*
60	69.3	20.2	*
70	86.1	17.5	*
80	91.2	10.9	*
90	89.7	21.3	*
100	86.9	22.1	*
110	84.9	21.2	*
120	84.9	19.2	*
130	83.1	16.8	*
140	77.3	13.8	*
150	68.3	10.8	*
160	58.0	5.2	*
170	47.5	-0.2	*
180	38.6	-4.9	*
190	30.1	-7.6	*
200	22.9	-7.6	*
220	17.7	-5.4	*
240	13.9	1.2	*
260	14.2	5.2	*
280	15.3	3.2	*
300	15.5	-5.6	*
320	14.4	-11.2	*
340	15.9	-7.3	*
360	16.9	-7.6	*
380	18.1	-16.4	*
400	23.5	-21.1	*
450	24.9	-20.7	*
500	17.1	-17.5	*
550	13.1	-13.1	*
600	6.1	-2.0	*
650	6.8	-1.4	*
700	11.2	-0.6	*
750	13.0	-4.8	*
800	7.3	-7.7	*
850	0.9	-2.1	*
900	2.5	1.5	*
950	-2.9	-7.1	*
1000	-6.9	-4.0	*
1100	-4.1	-4.3	*
1200	4.9	-1.3	*
1300	-5.9	3.0	*
1400	-4.2	-4.4	*
1400	1.3	0.2	*



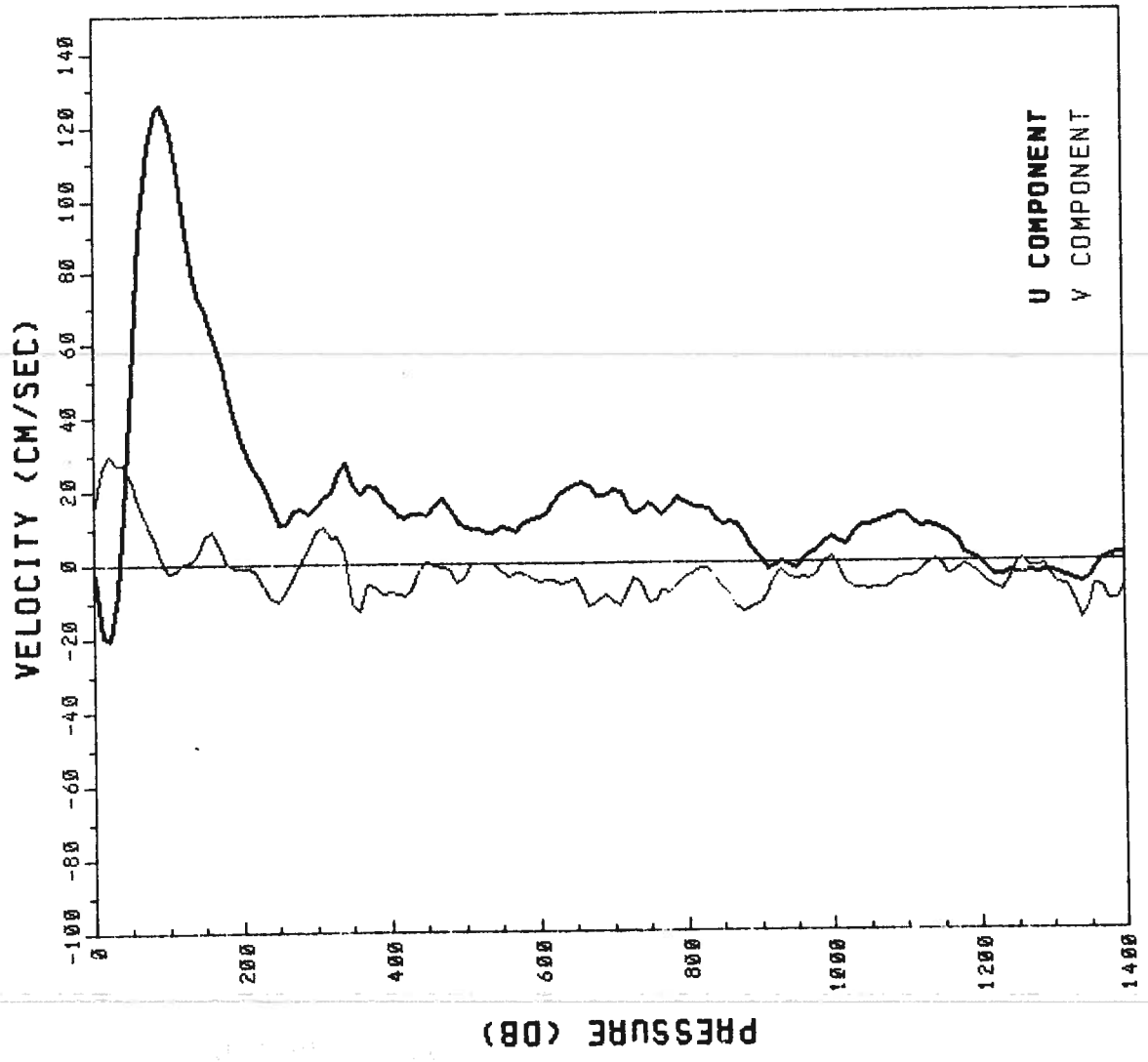
EP3-80-RS PEGASUS 6
 R/V RESEARCHER DATE 08 13 80 TIME 0745 Z
 LATITUDE 0.973 S LONGITUDE 109.972 W

0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200	1300	1400				
-5.4	-6.7	-3.0	11.3	34.7	61.2	82.9	92.7	93.3	88.9	83.0	77.8	70.7	61.2	51.4	43.1	36.6	31.2	26.4	22.4	19.8	19.1	17.9	15.5	17.0	16.5	15.7	23.0	28.4	25.3	21.9	19.7	9.7	6.8	5.5	11.1	18.0	13.3	5.0	4.6	3.1	-3.9	-3.0	3.4	-1.5	-1.8	-5.2	3.0			
9.6	27.7	46.6	52.8	46.5	32.7	20.4	15.7	17.6	23.4	28.0	29.0	26.8	22.4	17.4	12.0	6.8	2.8	1.2	1.9	3.8	7.1	10.9	10.3	0.3	-0.4	-7.8	-1.1	-13.8	-15.8	-16.8	-10.8	-4.0	-5.6	-1.0	-2.6	-1.5	-3.4	6.0	6.7	-0.7	-0.7	-3.8	-1.5	-4.0	-1.4	-10.1				
U	V	T	U	V	T	U	V	T	U	V	T	U	V	T	U	V	T	U	V	T	U	V	T	U	V	T	U	V	T	U	V	T	U	V	T	U	V	T	U	V	T	U	V	T	U	V	T	U	V	T



EP3-80-RS PEGASUS 7
 R/V RESEARCHER DATE 08 13 80 TIME 1725 Z
 LATITUDE 0.018 N LONGITUDE 109.890 W

PRESSURE	U	V	T
0	-2.2	15.1	*
10	-19.0	26.2	*
20	-20.1	29.9	*
30	-6.7	27.3	*
40	14.6	27.3	*
50	51.0	24.3	*
60	90.4	17.4	*
70	114.2	11.0	*
80	124.3	6.4	*
90	125.9	2.0	*
100	120.2	-1.6	*
110	109.1	-1.4	*
120	94.2	0.6	*
130	80.6	1.1	*
140	74.1	3.0	*
150	69.7	8.2	*
160	62.8	9.6	*
170	55.8	4.8	*
180	46.9	0.4	*
190	39.4	-0.9	*
200	33.1	-0.9	*
220	24.6	-2.1	*
240	16.6	-9.1	*
260	11.9	-7.2	*
280	15.7	0.5	*
300	16.3	9.2	*
320	20.3	7.7	*
340	28.1	3.5	*
360	19.4	-12.7	*
380	21.2	-5.8	*
400	16.2	-7.3	*
450	13.9	0.7	*
500	10.6	-3.4	*
550	10.5	-1.9	*
600	13.2	-4.7	*
650	22.1	-3.7	*
700	20.2	-10.0	*
750	16.8	-10.8	*
800	17.0	-3.2	*
850	11.1	-6.2	*
900	1.3	-10.9	*
950	-1.4	-4.3	*
1000	7.3	1.4	*
1100	13.6	-3.8	*
1200	0.8	-3.4	*
1300	-2.3	-3.5	*
1400	-2.6	-6.8	*

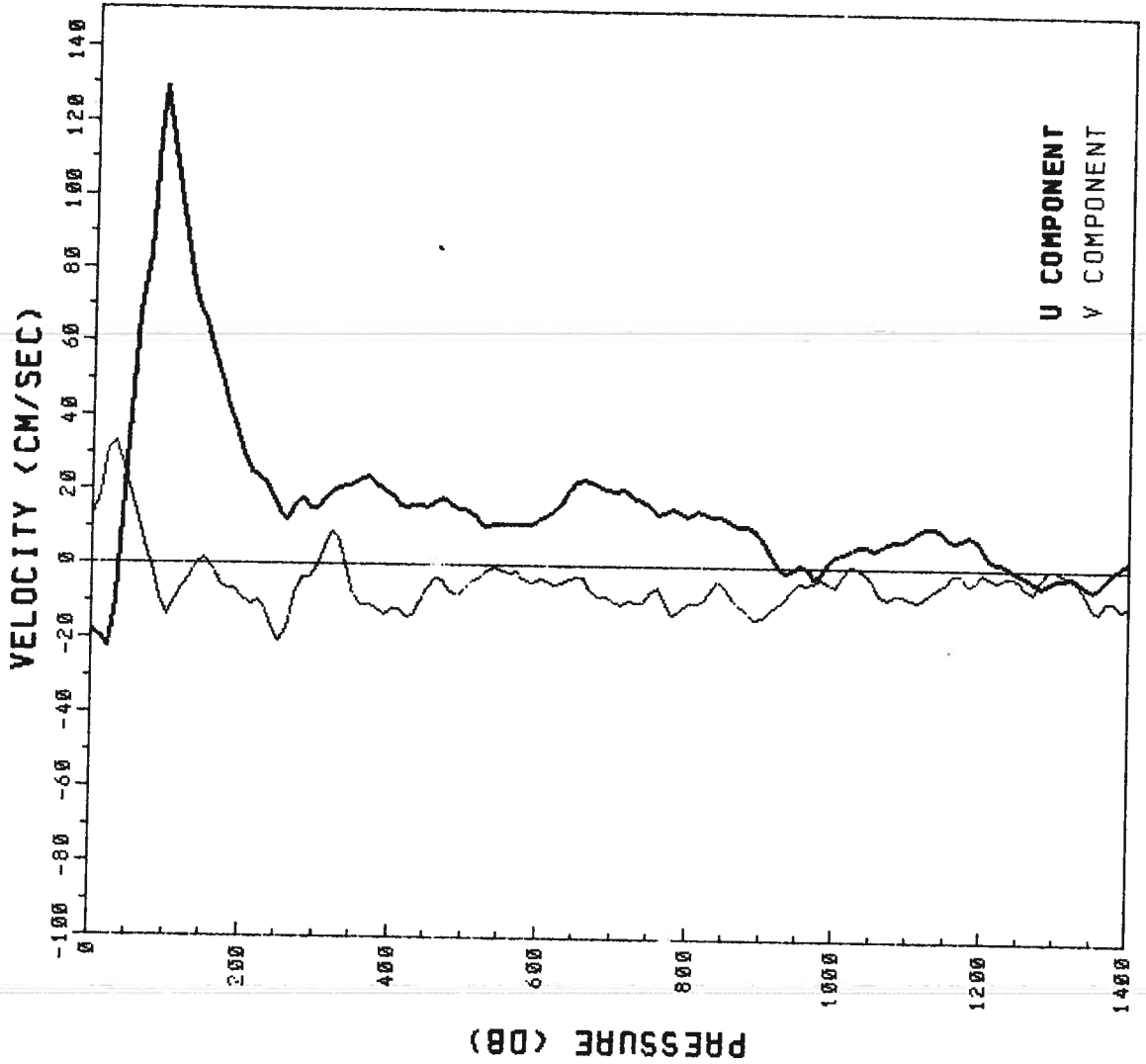


EP3-80-RS PEGASUS 8

R/V RESEARCHER DATE 08 13 80

LATITUDE 0.038 N LONGITUDE 109.893 W

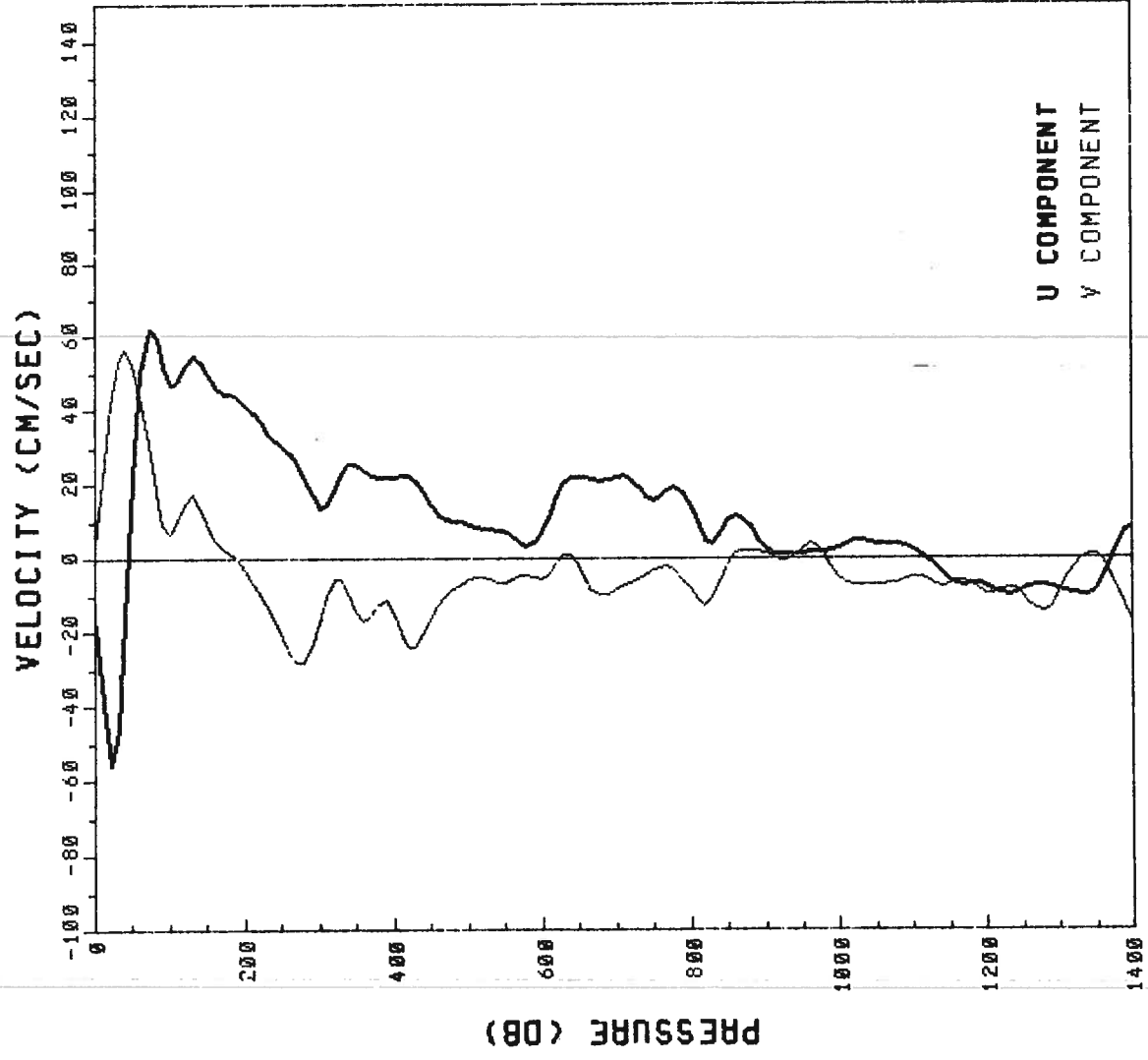
TIME 2045 Z



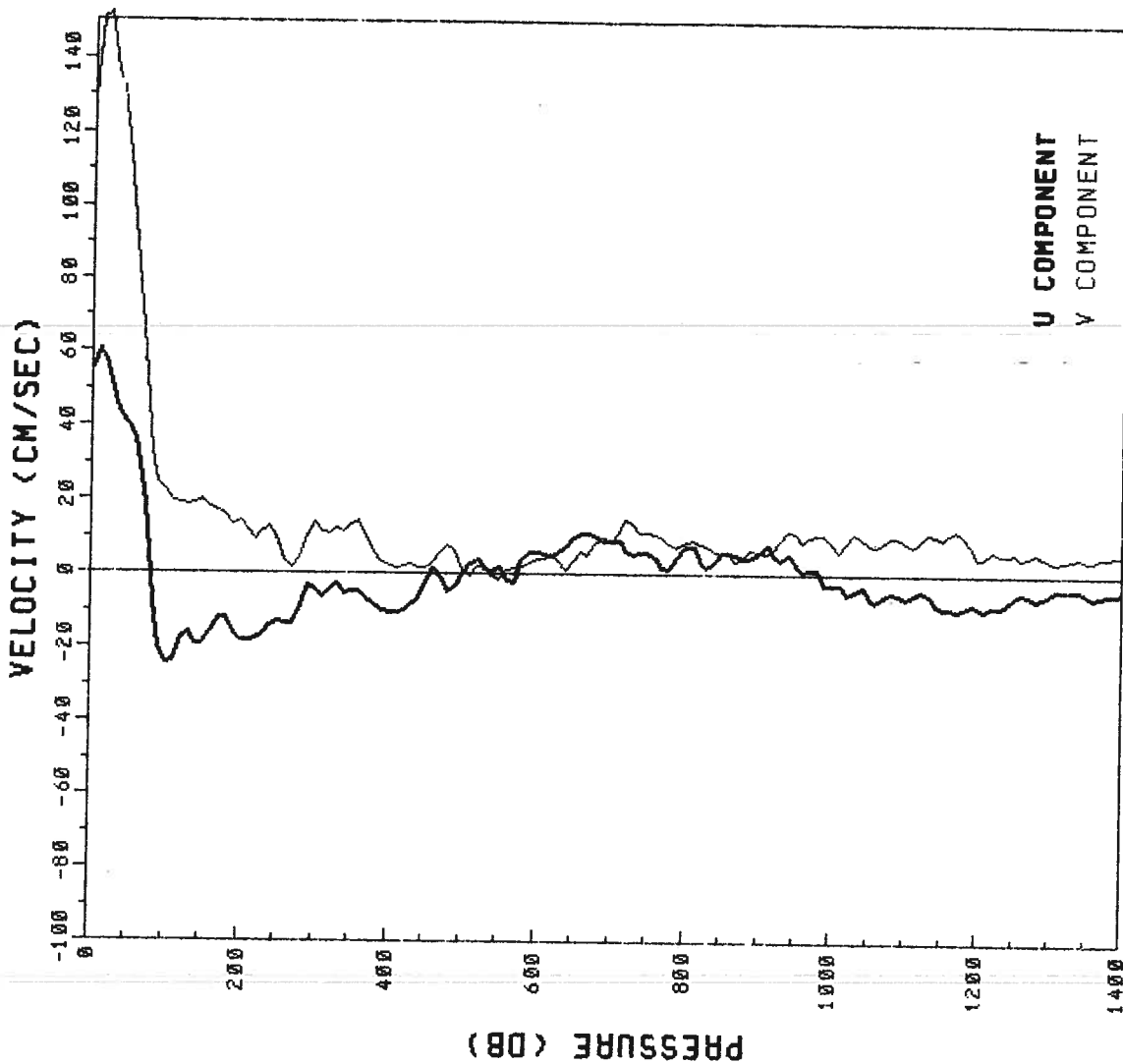
PRESSURE	U	V	T
0	-16.7	13.3	*
10	-19.4	18.6	*
20	-22.2	31.2	*
30	-9.6	33.2	*
40	13.2	28.0	*
50	41.0	20.8	*
60	67.6	14.5	*
70	83.3	4.3	*
80	114.8	-2.2	*
90	128.4	-9.0	*
100	115.1	-13.3	*
110	101.7	-9.7	*
120	88.5	-5.5	*
130	75.8	-3.3	*
140	69.4	0.0	*
150	65.2	2.1	*
160	57.1	-1.0	*
170	49.2	-5.1	*
180	43.3	-6.2	*
190	37.1	-6.3	*
200	29.8	-9.3	*
220	24.7	-9.6	*
240	19.1	-16.4	*
260	12.9	-16.7	*
280	18.3	-3.3	*
300	15.6	-0.1	*
320	20.3	9.0	*
340	22.2	0.0	*
360	23.9	-10.8	*
380	22.6	-11.8	*
400	19.0	-11.7	*
450	16.3	-5.6	*
500	15.7	-5.9	*
550	11.7	-1.4	*
600	13.2	-3.1	*
650	23.6	-3.0	*
700	20.8	-9.7	*
750	16.9	-6.3	*
800	14.5	-2.4	*
850	13.9	-5.2	*
900	7.2	-13.2	*
950	1.1	-3.8	*
1000	4.1	-4.5	*
1100	8.9	-8.1	*
1200	5.7	-1.0	*
1300	-1.9	0.4	*
1400	-3.6	-9.3	*

EP3-80-RS PEGASUS 9
 R/V RESEARCHER DATE 08 14 80 TIME 0707 Z
 LATITUDE 0.542 N LONGITUDE 109.980 W

PRESSURE	U	V	T
0	-17.8	4.1	*
10	-39.1	22.3	*
20	-55.4	42.2	*
30	-45.8	53.3	*
40	-15.8	56.6	*
50	22.1	53.2	*
60	50.8	44.5	*
70	62.5	31.9	*
80	59.8	18.9	*
90	52.2	9.3	*
100	47.2	7.1	*
110	48.3	10.3	*
120	52.7	15.4	*
130	55.1	17.5	*
140	53.8	15.0	*
150	50.1	9.9	*
160	46.8	5.3	*
170	45.3	3.2	*
180	44.9	2.1	*
190	44.2	0.3	*
200	42.2	-2.6	*
220	37.3	-9.3	*
240	33.0	-15.6	*
260	29.2	-25.0	*
280	22.0	-28.0	*
300	14.2	-16.8	*
320	19.0	-5.4	*
340	26.2	-9.0	*
360	24.8	-16.4	*
380	22.4	-11.9	*
400	22.8	-14.4	*
450	14.9	-16.3	*
500	9.5	-5.3	*
550	7.8	-6.0	*
600	8.2	-5.0	*
650	22.8	-1.3	*
700	22.6	-8.0	*
750	16.5	-3.0	*
800	14.2	-8.2	*
850	10.9	-1.4	*
900	3.7	1.9	*
950	2.3	3.3	*
1000	3.8	-4.5	*
1100	2.9	-4.5	*
1200	-6.9	-9.5	*
1300	-7.9	-9.7	*
1400	-8.8	-16.2	*



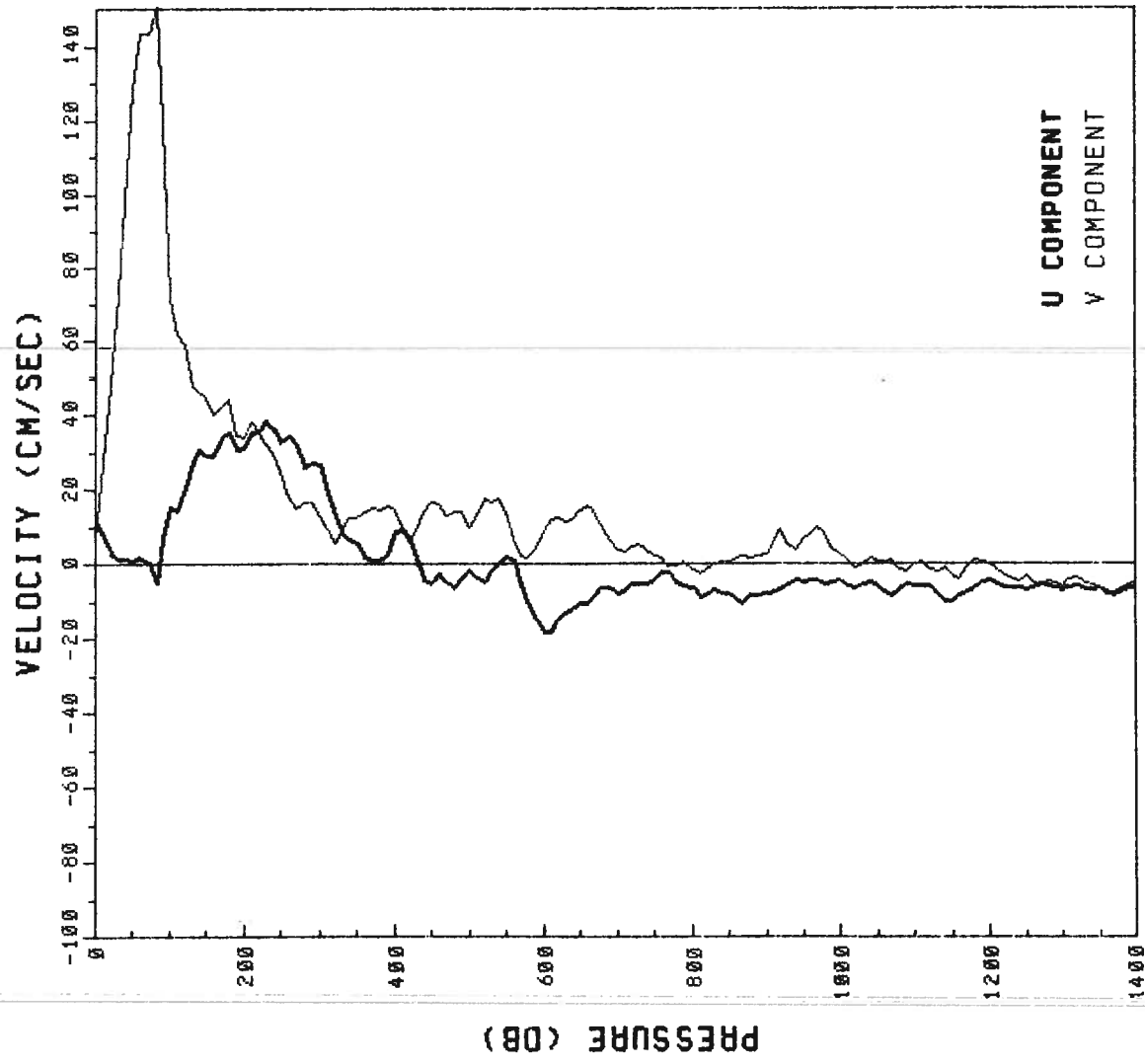
EP3-80-RS PEGASUS 10
 R/V RESEARCHER DATE 08 15 80 TIME 2100 Z
 LATITUDE 3.568 N LONGITUDE 110.047 W



W	U	V	T
55.8	128.1	*	*
61.2	150.7	*	*
56.2	152.0	*	*
47.3	135.7	*	*
43.2	131.8	*	*
40.2	113.6	*	*
36.7	90.0	*	*
18.6	60.2	*	*
7.4	33.4	*	*
-7.4	25.2	*	*
-20.1	23.3	*	*
-23.8	19.8	*	*
-11.0	19.2	*	*
-16.9	18.7	*	*
-15.7	19.2	*	*
-19.0	18.0	*	*
-19.0	20.0	*	*
-15.5	18.0	*	*
-11.8	17.3	*	*
-11.7	16.3	*	*
-15.3	14.0	*	*
-18.0	14.6	*	*
-16.7	9.3	*	*
-13.7	13.4	*	*
-12.9	4.2	*	*
-8.4	4.8	*	*
-3.8	14.2	*	*
-3.6	11.1	*	*
-4.5	11.9	*	*
-4.3	14.7	*	*
-7.7	15.8	*	*
-10.3	2.7	*	*
-2.4	1.7	*	*
0.8	1.1	*	*
2.6	-1.4	*	*
6.7	4.4	*	*
10.3	4.1	*	*
9.5	9.0	*	*
6.7	11.4	*	*
7.9	9.0	*	*
6.5	6.1	*	*
6.7	6.3	*	*
3.8	11.7	*	*
-2.5	9.0	*	*
-5.6	8.8	*	*
-8.2	5.1	*	*
-4.0	4.8	*	*
-3.6	5.8	*	*

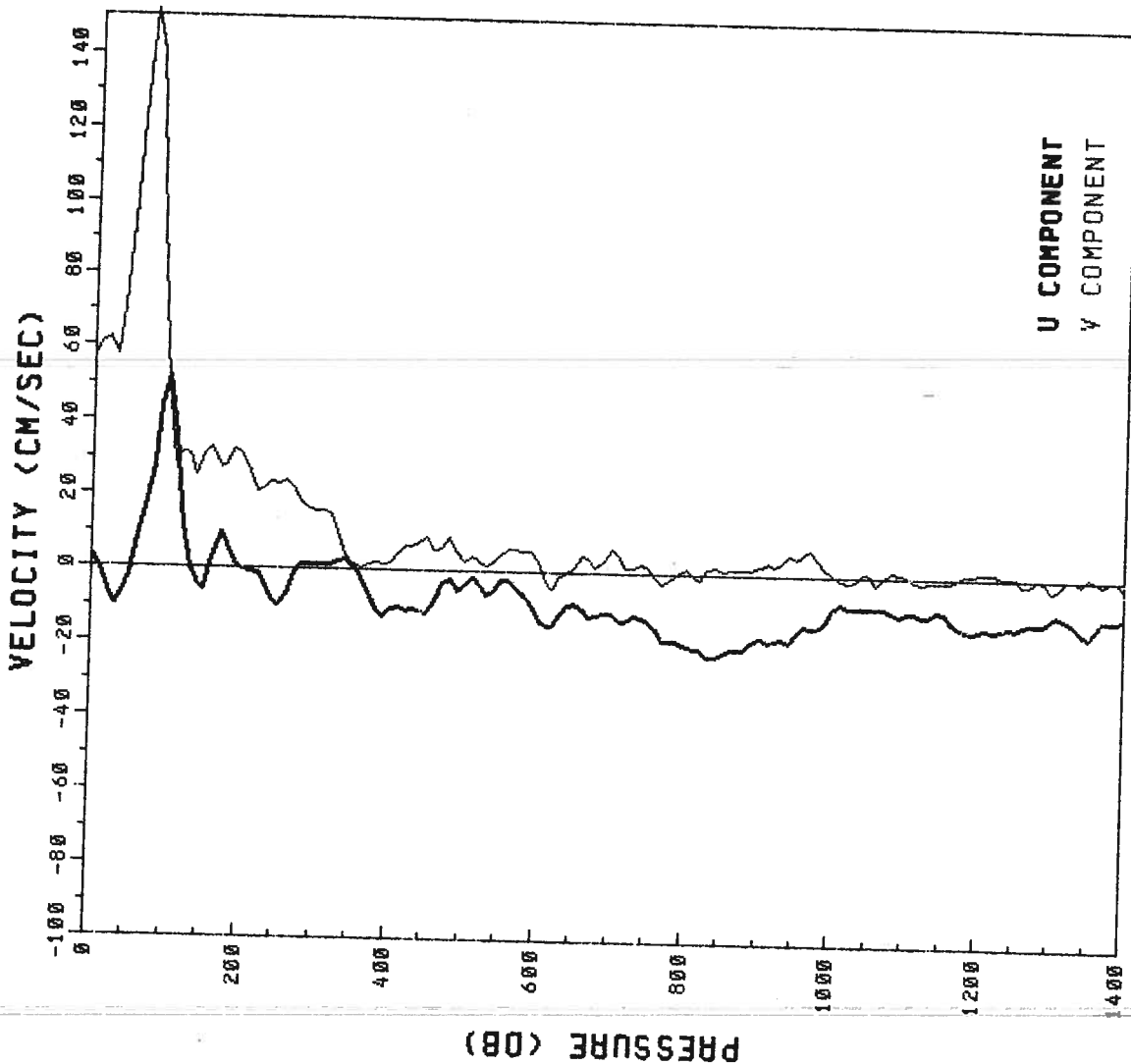
EP3-80-RS PEGASUS 11
 R/V RESEARCHER DATE 08 16 80 TIME 1218 Z
 LATITUDE 4.485 N LONGITUDE 109.928 W

U	V	T
12.4	6.5	*
8.1	27.6	*
3.7	48.7	*
1.5	72.7	*
2.1	97.8	*
1.1	128.0	*
2.4	143.3	*
0.6	143.3	*
-4.6	150.4	*
7.1	118.8	*
15.7	71.9	*
14.8	62.4	*
20.6	59.3	*
27.6	47.9	*
31.0	46.6	*
29.4	45.2	*
29.6	40.1	*
35.0	43.3	*
35.8	44.8	*
30.7	35.0	*
31.8	34.1	*
36.5	35.8	*
37.0	30.1	*
35.0	18.4	*
26.5	16.9	*
26.9	13.3	*
13.5	6.2	*
6.8	12.8	*
2.5	14.2	*
1.1	14.7	*
8.8	15.0	*
-4.5	16.6	*
-1.1	10.1	*
2.6	14.5	*
-17.9	8.9	*
-10.2	14.2	*
-7.0	4.2	*
-3.7	2.5	*
-5.6	-1.1	*
-7.3	0.6	*
-7.0	3.2	*
-4.0	7.1	*
-3.7	3.0	*
-5.2	0.2	*
-3.5	0.3	*
-6.0	-5.0	*
-5.6	-4.0	*



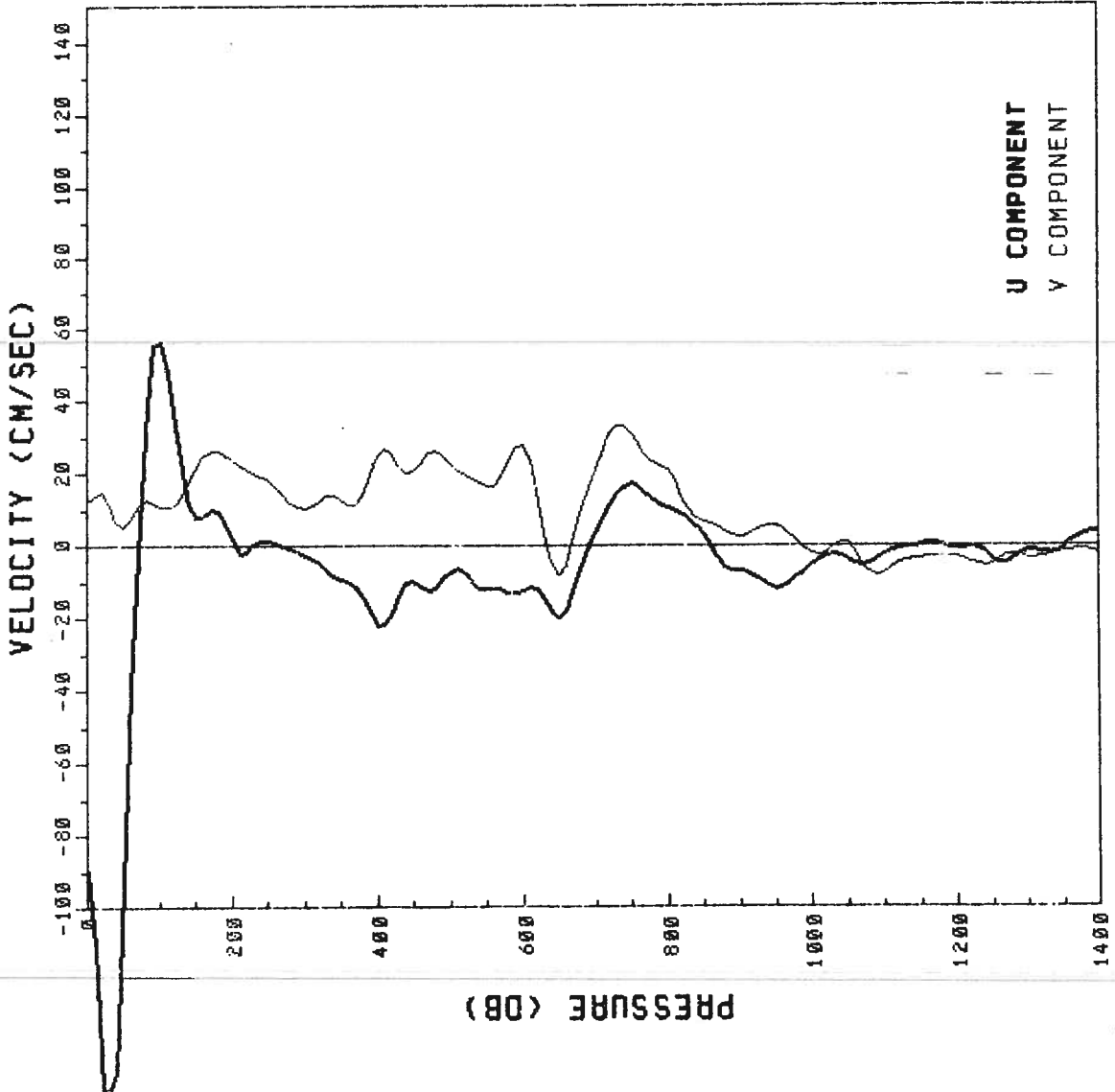
PRESSURE (DB)

EP3-80-RS PEGASUS 12
 R/V RESEARCHER DATE 08 17 80
 LATITUDE 5.517 N LONGITUDE 109.955 W
 TIME 0320 Z



PRESSURE	U	V	T
10	3.8	57.1	*
20	-0.3	61.9	*
30	-5.5	62.7	*
40	-0.9	57.9	*
50	-6.7	70.7	*
60	-2.0	93.6	*
70	8.4	121.7	*
80	18.4	151.4	*
90	27.9	140.1	*
100	44.8	92.9	*
110	52.3	50.6	*
120	36.3	29.0	*
130	11.2	31.7	*
140	0.4	31.3	*
150	-3.3	25.4	*
160	-5.0	30.9	*
170	2.9	33.5	*
180	9.8	27.4	*
190	6.4	28.4	*
200	1.5	33.1	*
220	0.0	31.6	*
240	-0.7	21.8	*
260	-7.2	24.1	*
280	-6.8	24.4	*
300	2.3	18.5	*
320	1.5	16.5	*
340	2.0	15.4	*
360	3.7	4.5	*
380	-1.9	0.8	*
400	-9.9	2.5	*
450	-11.0	2.5	*
500	-3.4	9.3	*
550	-2.0	5.0	*
600	-12.4	3.6	*
650	-8.0	1.5	*
700	-10.8	7.0	*
750	-12.5	1.9	*
800	-19.6	1.8	*
850	-20.8	1.0	*
900	-16.5	3.3	*
950	-14.9	5.2	*
1000	-8.6	0.5	*
1100	-9.0	0.8	*
1200	-13.6	1.9	*
1300	-10.1	-2.6	*
1400	-9.7	-2.0	*

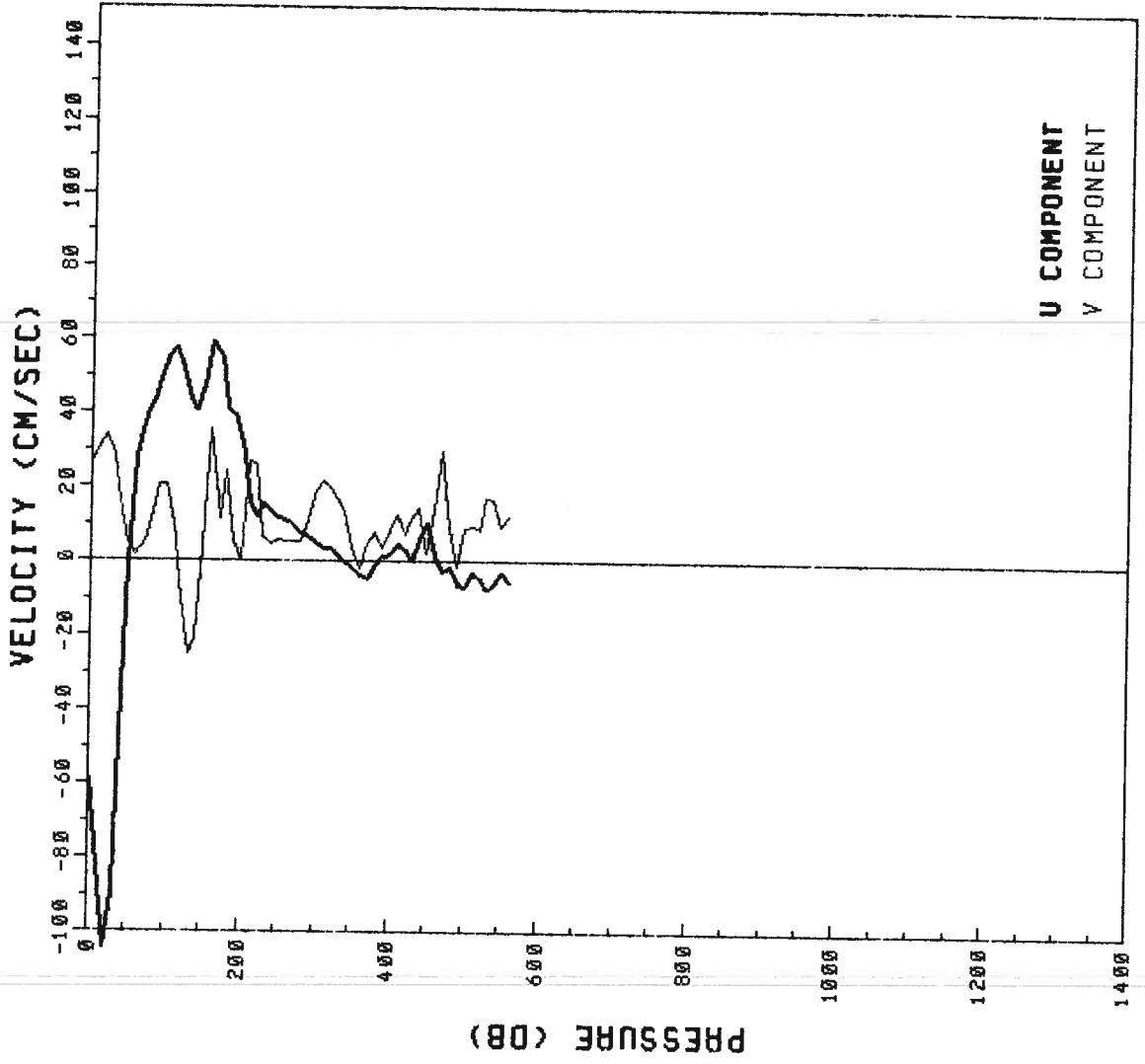
EP4-80-RS PEGASUS 13
 R/V RESEARCHER DATE 09 01 80 TIME 1933 Z
 LATITUDE 0.562 N LONGITUDE 110.025 W



PRESSURE	U	V	T
0	-89.5	13.1	*
10	-110.2	14.2	*
20	-161.8	15.4	*
30	-172.4	11.8	*
40	-145.4	7.0	*
50	-93.4	5.3	*
60	-39.0	7.6	*
70	3.4	11.4	*
80	38.5	13.3	*
90	55.6	12.6	*
100	56.9	11.1	*
110	47.8	10.9	*
120	33.8	12.1	*
130	20.6	14.5	*
140	12.0	17.0	*
150	8.3	21.6	*
160	8.7	24.9	*
170	10.3	26.7	*
180	9.8	26.7	*
190	6.5	25.5	*
200	1.5	23.9	*
220	-1.4	21.1	*
240	1.9	19.3	*
260	0.9	16.9	*
280	-0.5	12.2	*
300	-2.5	10.5	*
320	-4.2	12.9	*
340	-7.5	14.5	*
360	-9.8	11.7	*
380	-13.8	14.2	*
400	-21.8	24.9	*
450	-9.4	20.7	*
500	-6.5	22.9	*
550	-11.7	16.8	*
600	-12.1	28.2	*
650	-19.9	-8.2	*
700	4.6	21.8	*
750	17.5	31.3	*
800	10.9	21.2	*
850	3.4	6.9	*
900	-6.4	3.2	*
950	-11.6	5.9	*
1000	-4.9	-1.8	*
1100	-1.8	-7.4	*
1200	-0.5	-2.9	*
1300	-1.0	-3.1	*
1400	4.5	-1.6	*

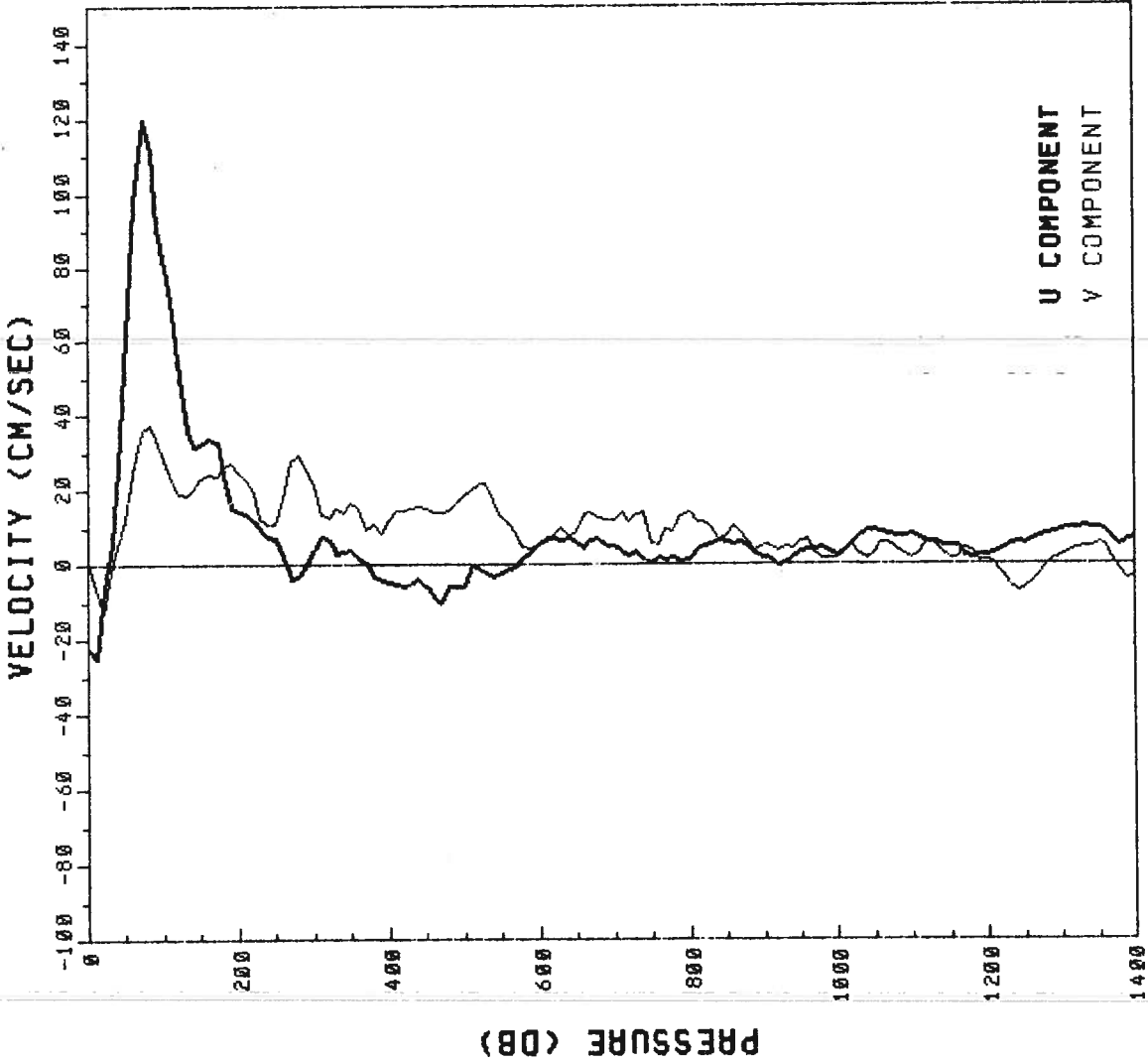
EP4-80-RS PEGASUS 14
 R/V RESEARCHER DATE 09 02 80 TIME 1130 Z
 LATITUDE 0.025 N LONGITUDE 109.918 W

VELOCITY (CM/SEC)	U	V	T
0	-58.9	26.5	*
10	-82.5	50.8	*
20	-104.2	34.5	*
30	-89.9	28.7	*
40	-47.1	16.3	*
50	-0.5	5.1	*
60	27.9	1.6	*
70	39.2	5.5	*
80	43.4	13.5	*
90	49.2	20.9	*
100	55.2	20.8	*
110	57.6	9.9	*
120	52.4	-24.9	*
130	44.2	-21.0	*
140	41.0	4.2	*
150	47.6	35.8	*
160	59.1	11.3	*
170	55.4	24.8	*
180	42.3	5.3	*
190	39.9	0.3	*
200	32.6	25.8	*
220	12.2	5.0	*
240	14.1	5.4	*
260	11.8	5.3	*
280	8.2	19.2	*
300	5.6	19.5	*
320	4.1	13.7	*
340	0.3	-2.0	*
360	-3.3	8.4	*
380	-1.0	2.4	*
400	2.4	10.3	*
450	10.3	9.1	*
500	-6.0	9.4	*
550	-2.6		*



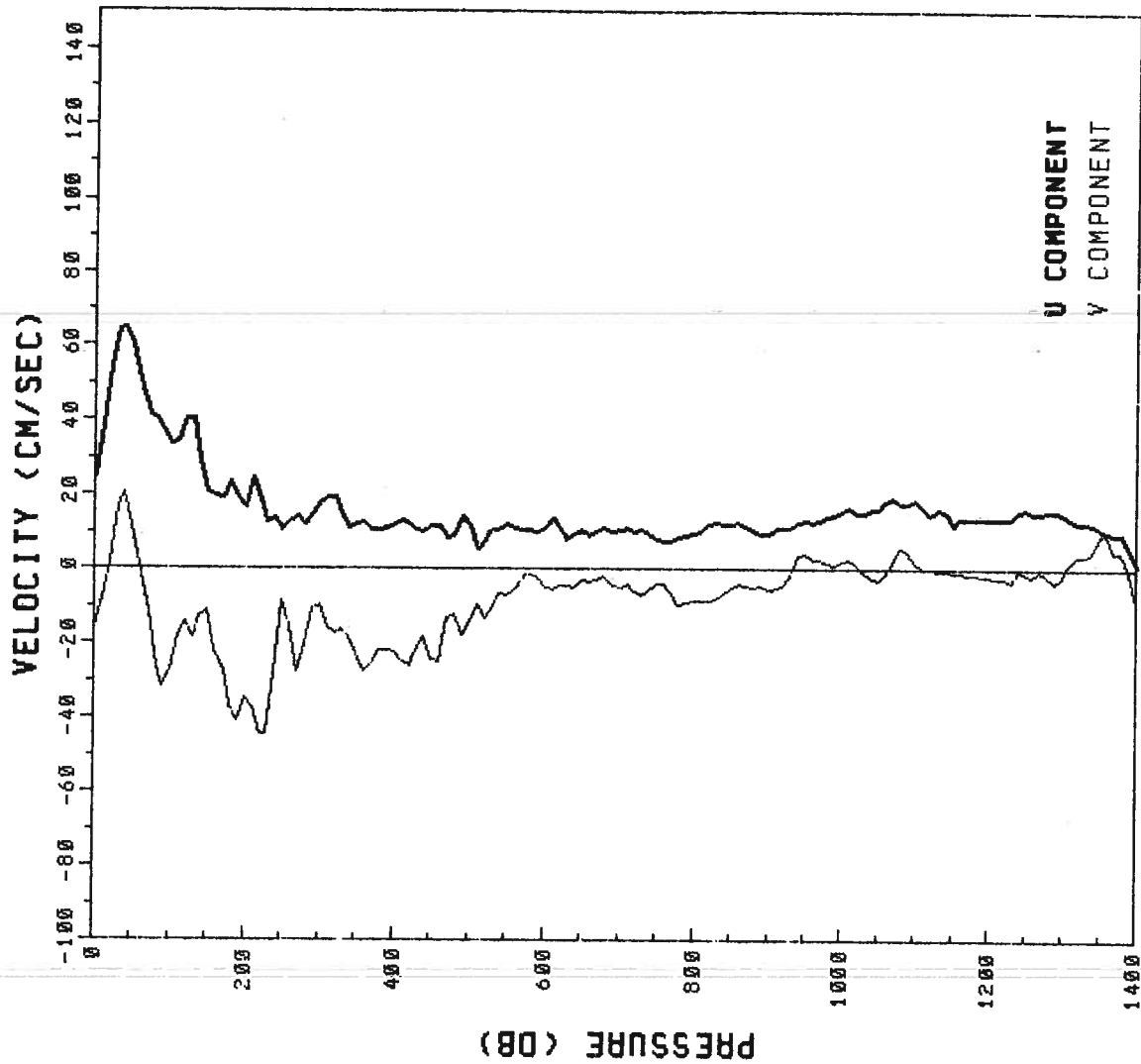
U COMPONENT
 V COMPONENT

EP4-80-RS PEGASUS 15
 R/V RESEARCHER DATE 09 02 80 TIME 2313 Z
 LATITUDE 0.458 S LONGITUDE 109.950 W



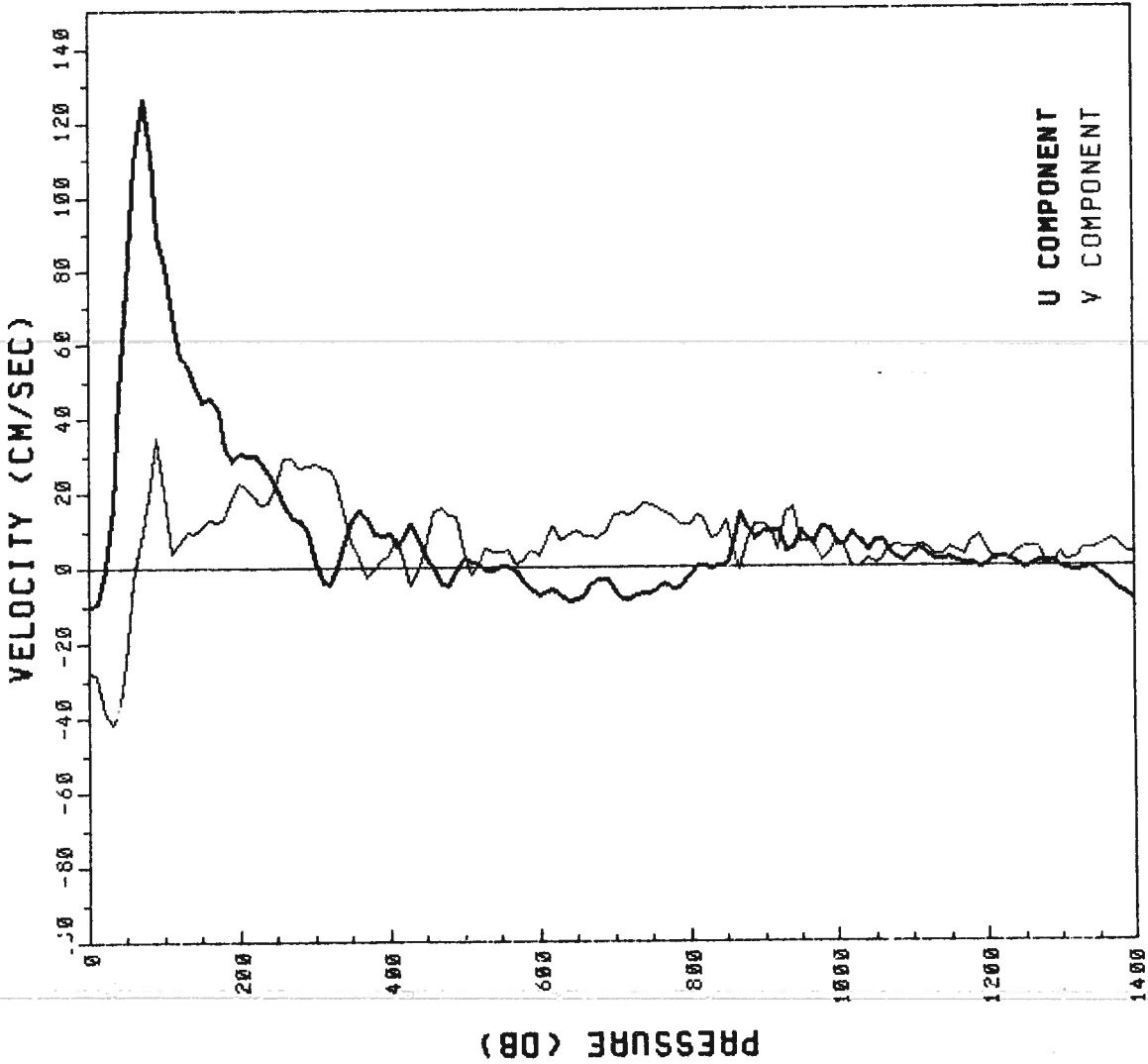
PRESSURE	U	V	T
0	-22.2	0.6	*
10	-24.5	-5.8	*
20	-5.8	-12.7	*
30	6.0	-1.7	*
40	26.7	5.7	*
50	62.2	12.5	*
60	97.3	25.3	*
70	119.6	36.1	*
80	111.6	38.0	*
90	91.1	34.5	*
100	79.7	28.7	*
110	67.9	23.0	*
120	50.6	19.4	*
130	36.4	18.7	*
140	32.5	20.4	*
150	32.9	23.4	*
160	34.2	24.4	*
170	33.4	24.1	*
180	24.5	26.5	*
190	15.9	27.3	*
200	14.8	24.9	*
220	12.6	19.5	*
240	8.2	10.7	*
260	2.7	17.8	*
280	-3.0	29.4	*
300	4.4	21.0	*
320	6.9	12.7	*
340	3.9	14.1	*
360	2.7	15.3	*
380	-2.9	10.7	*
400	-4.1	12.5	*
450	-5.2	15.4	*
500	-5.0	18.5	*
550	-1.7	13.3	*
600	6.1	6.2	*
650	6.7	8.9	*
700	5.3	12.5	*
750	0.5	5.8	*
800	1.5	14.4	*
850	6.3	8.2	*
900	2.8	5.5	*
950	4.1	6.4	*
1000	3.3	1.9	*
1100	8.3	1.7	*
1200	3.2	1.0	*
1300	9.5	2.8	*
1400	7.5	-2.9	*

EP4-80-RS PEGASUS 16
 R/V RESEARCHER DATE 09 03 80 TIME 1940 Z
 LATITUDE 1.020 S LONGITUDE 109.938 W



PRESSURE	U	V	T
0	25.3	-15.3	*
10	38.7	-7.7	*
20	54.3	1.6	*
30	64.5	17.0	*
40	64.9	20.7	*
50	60.6	11.8	*
60	50.7	1.1	*
70	42.2	-11.4	*
80	41.0	-26.0	*
90	37.9	-31.7	*
100	34.1	-27.0	*
110	35.0	-18.1	*
120	41.4	-14.2	*
130	41.1	-18.5	*
140	29.5	-12.7	*
150	21.8	-10.9	*
160	20.0	-21.7	*
170	19.5	-26.9	*
180	24.0	-36.5	*
190	19.3	-40.7	*
200	16.8	-34.7	*
220	18.9	-44.5	*
240	14.4	-28.0	*
260	13.3	-15.0	*
280	12.5	-20.3	*
300	18.3	-9.6	*
320	19.7	-16.9	*
340	11.9	-18.2	*
360	13.4	-27.6	*
380	10.7	-21.7	*
400	13.0	-22.5	*
450	12.5	-24.2	*
500	12.2	-19.8	*
550	13.0	-6.5	*
600	11.8	-4.5	*
650	10.8	-2.9	*
700	11.0	-4.9	*
750	8.4	-3.8	*
800	10.0	-8.7	*
850	13.0	-4.6	*
900	9.8	-5.3	*
950	13.7	4.8	*
1000	16.1	2.5	*
1100	19.0	1.4	*
1200	14.4	-1.9	*
1300	16.0	-1.9	*
1400	1.3	-9.3	*

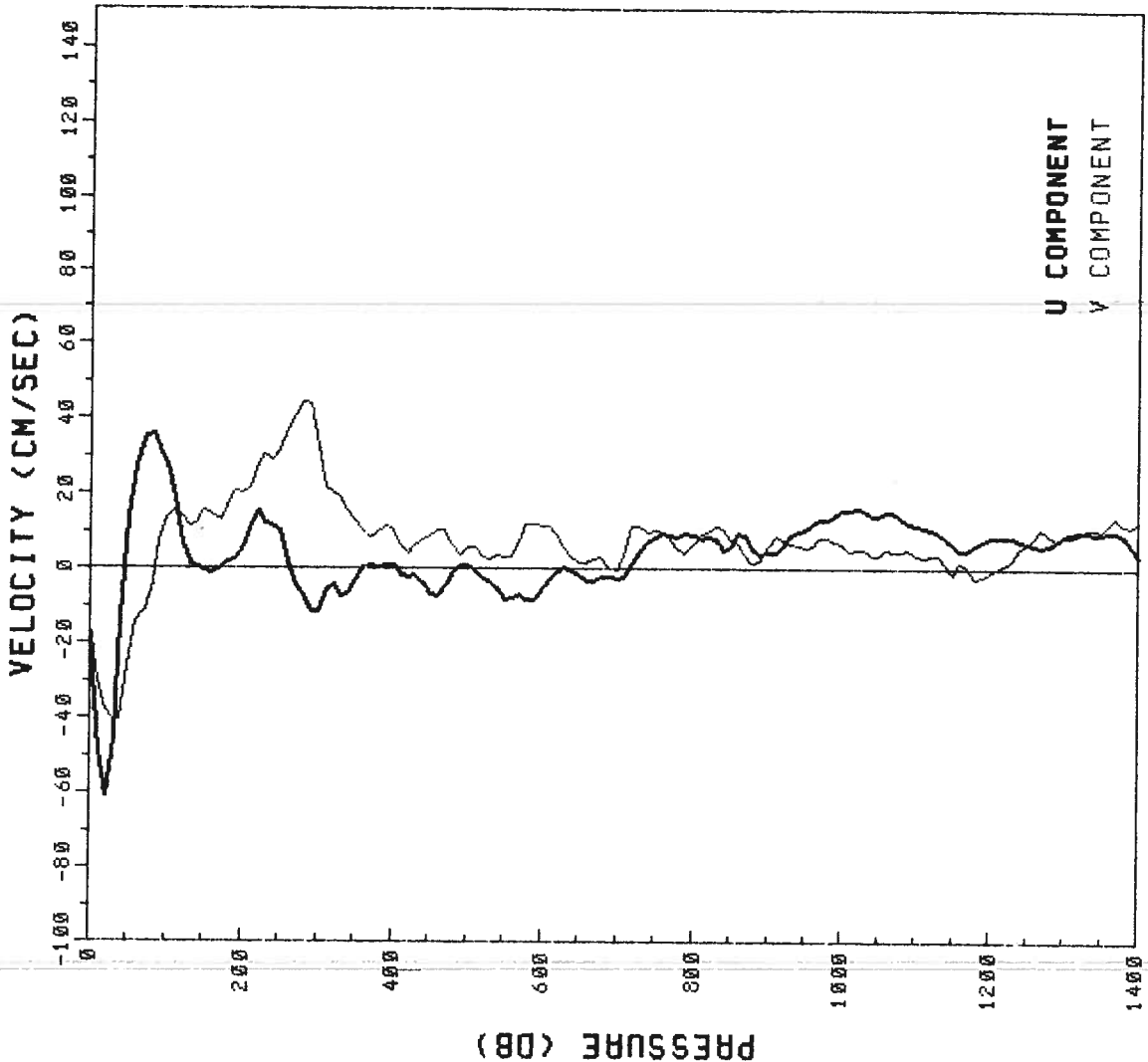
EP4-80-RS PEGASUS 17
 R/V RESEARCHER DATE 09 08 80 TIME 0721 Z
 LATITUDE 0.497 S LONGITUDE 102.487 W



PRESSURE	U	V	T
0	-9.5	-27.3	*
10	-8.9	-28.6	*
20	0.2	-38.5	*
30	17.0	-41.4	*
40	46.8	-39.2	*
50	76.3	-24.6	*
60	108.4	-2.7	*
70	126.3	10.1	*
80	111.0	22.4	*
90	90.2	35.3	*
100	81.9	20.8	*
110	68.0	4.8	*
120	56.8	7.0	*
130	54.3	9.7	*
140	49.6	9.3	*
150	45.3	10.8	*
160	46.0	13.2	*
170	42.7	13.1	*
180	32.4	13.8	*
190	28.8	19.2	*
200	30.8	23.0	*
220	30.4	19.0	*
240	25.4	17.7	*
260	17.0	29.4	*
280	13.5	27.1	*
300	2.0	28.0	*
320	-3.6	26.5	*
340	7.1	15.3	*
360	15.6	3.1	*
380	9.2	-0.4	*
400	9.3	4.0	*
450	3.3	5.3	*
500	2.9	4.6	*
550	0.5	4.7	*
600	-6.8	3.5	*
650	-8.3	9.9	*
700	-5.6	14.1	*
750	-6.4	16.9	*
800	-1.7	11.7	*
850	0.8	12.9	*
900	9.9	11.8	*
950	10.1	7.0	*
1000	6.5	7.6	*
1100	4.0	5.4	*
1200	0.7	4.9	*
1300	0.1	4.2	*
1400	-8.5	4.2	*

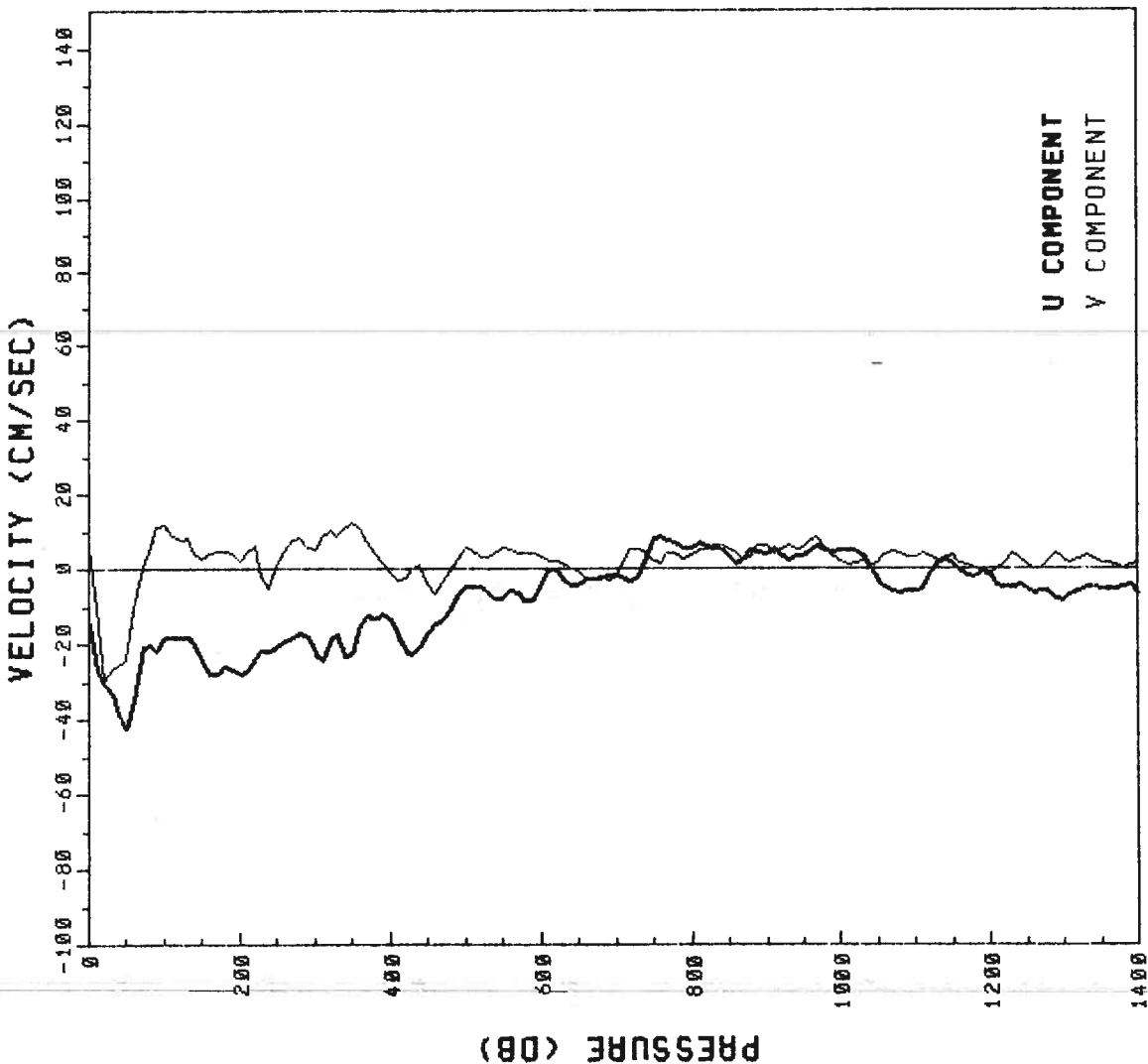
EP4-80-RS PEGASUS 19
 R/V RESEARCHER DATE 09 09 80 TIME 1600 Z
 LATITUDE 0.502 N LONGITUDE 102.492 W

0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200	1300	1400	
-21.3	-49.0	-61.1	-45.2	-13.7	14.0	27.6	35.7	36.5	32.6	28.2	18.7	7.2	1.9	1.1	-0.2	-0.9	0.8	2.7	3.3	5.9	15.7	12.6	1.6	-6.6	-10.9	-3.7	-6.0	0.5	0.6	0.9	-0.3	1.1	-7.8	-4.9	-1.5	-2.2	9.0	9.4	6.5	4.9	11.1	6.9	12.5	8.8	9.3	4.3	
-15.1	-30.2	-37.8	-40.4	-40.4	-25.6	-14.1	-11.3	-3.6	7.6	13.8	15.7	14.1	11.4	12.6	15.8	14.9	13.2	16.9	20.9	20.4	28.0	28.9	37.4	44.8	32.9	20.4	15.6	10.5	9.9	10.4	8.9	5.8	3.8	11.4	2.2	10.5	7.2	8.2	6.6	5.8	3.9	-1.0	9.0	13.2			
* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *



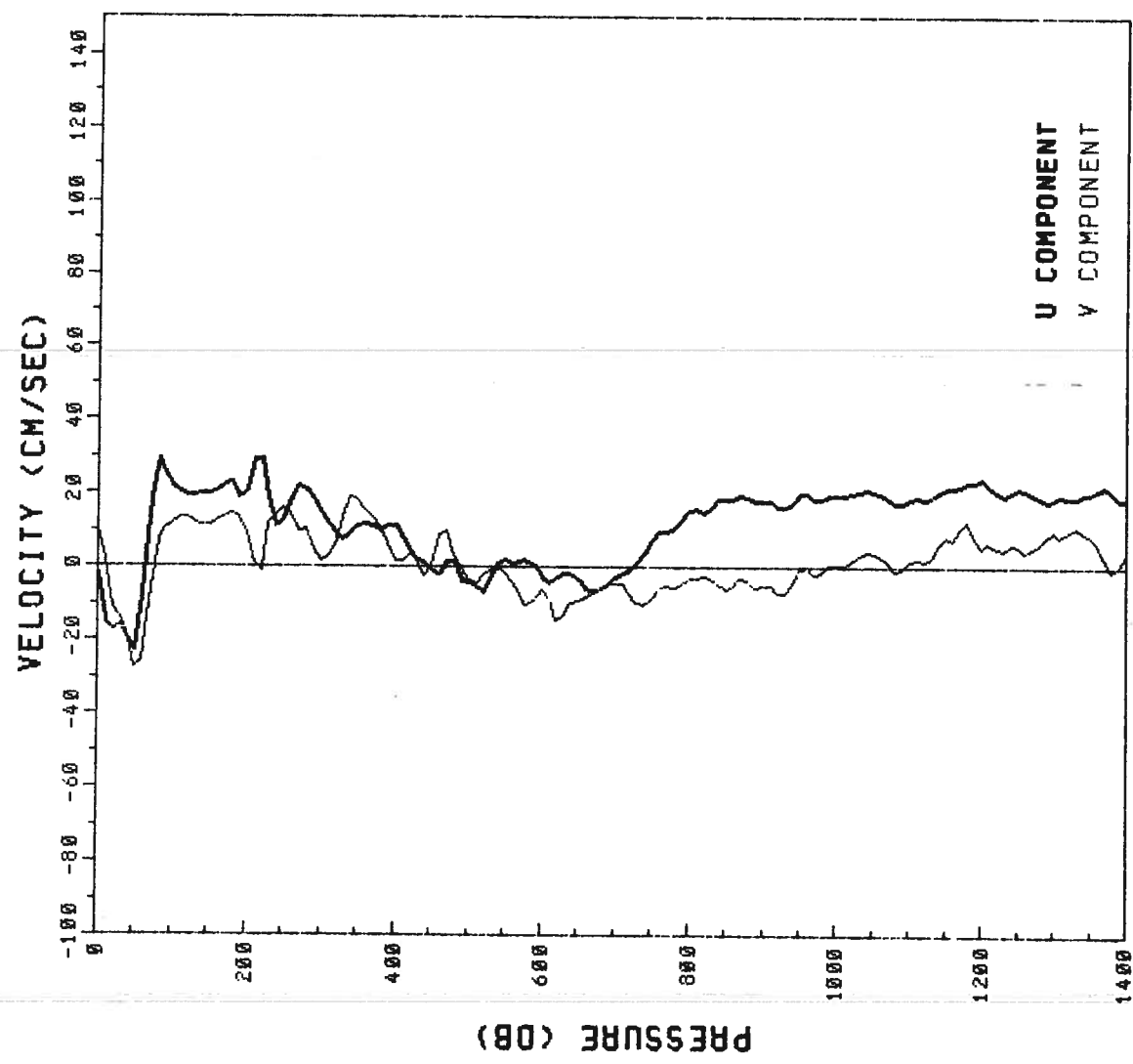
U COMPONENT
 V COMPONENT

EP4-80-RS PEGASUS 20
 R/V RESEARCHER DATE 09 11 80 TIME 1531 Z
 LATITUDE 3.480 N LONGITUDE 102.468 W



PRESSURE	U	V	T
0	-14.2	6.7	*
10	-26.1	-10.2	*
20	-30.4	-29.4	*
30	-33.0	-26.2	*
40	-38.4	-25.1	*
50	-42.3	-23.7	*
60	-34.3	-10.6	*
70	-20.5	0.8	*
80	-19.7	6.4	*
90	-21.3	11.8	*
100	-17.3	12.6	*
110	-17.2	8.9	*
120	-18.1	8.1	*
130	-18.0	8.3	*
140	-20.1	4.8	*
150	-24.3	2.9	*
160	-27.8	4.8	*
170	-27.3	5.2	*
180	-25.3	5.1	*
190	-26.3	4.5	*
200	-27.1	2.4	*
220	-23.5	6.4	*
240	-21.1	-4.5	*
260	-18.7	4.9	*
280	-16.6	0.3	*
300	-22.4	5.6	*
320	-18.5	10.4	*
340	-23.0	10.9	*
360	-14.3	10.9	*
380	-12.9	4.6	*
400	-13.2	-0.6	*
450	-16.2	-3.9	*
500	-4.0	6.0	*
550	-7.4	6.0	*
600	-3.5	3.5	*
650	-3.6	-0.4	*
700	-1.4	-1.9	*
750	8.5	2.7	*
800	6.1	4.1	*
850	4.0	5.5	*
900	4.8	6.6	*
950	4.1	5.8	*
1000	5.3	2.8	*
1100	-5.3	3.6	*
1200	-1.3	-0.7	*
1300	-7.6	3.3	*
1400	-6.3	1.6	*

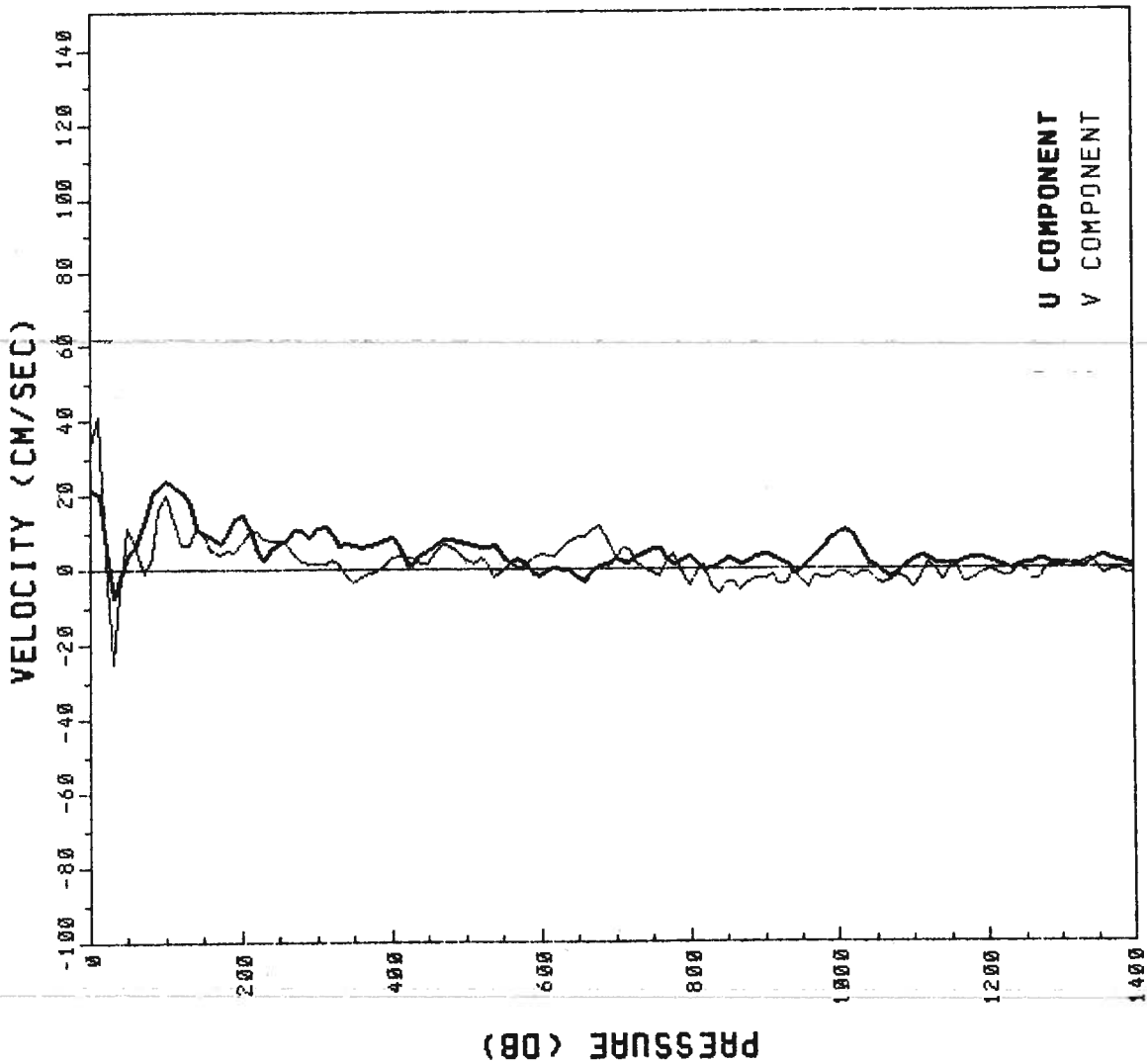
EP4-80-RS PEGASUS 21
 R/V RESEARCHER DATE 09 12 80 TIME 0531 Z
 LATITUDE 4.517 N LONGITUDE 102.487 W



PRESSURE	U	V	T
0	-1.8	9.9	*
10	-14.5	2.4	*
20	-16.4	-11.2	*
30	-15.3	-13.5	*
40	-19.1	-17.1	*
50	-22.6	-27.8	*
60	-8.3	-25.4	*
70	18.9	-5.9	*
80	29.6	7.7	*
90	25.7	10.2	*
100	22.8	12.2	*
110	20.7	14.0	*
120	19.5	13.7	*
130	19.8	12.3	*
140	20.1	11.2	*
150	20.1	11.3	*
160	20.5	12.7	*
170	23.4	14.4	*
180	23.7	14.9	*
190	19.2	13.7	*
200	20.7	9.1	*
220	29.6	-0.6	*
240	11.3	14.5	*
260	18.8	14.8	*
280	21.4	10.5	*
300	15.0	2.1	*
320	9.1	7.1	*
340	9.5	19.0	*
360	12.6	15.9	*
380	10.6	10.9	*
400	1.4	1.9	*
450	-0.4	0.2	*
500	-3.9	-3.1	*
550	2.5	-1.1	*
600	-2.4	-5.6	*
650	-3.0	-9.3	*
700	-2.1	-4.3	*
750	7.6	-8.7	*
800	15.7	-2.7	*
850	18.7	-5.6	*
900	18.2	-4.6	*
950	20.0	-0.1	*
1000	19.7	0.8	*
1100	18.8	1.7	*
1200	24.4	5.6	*
1300	18.7	9.8	*
1400	18.7	4.0	*

U COMPONENT
 V COMPONENT

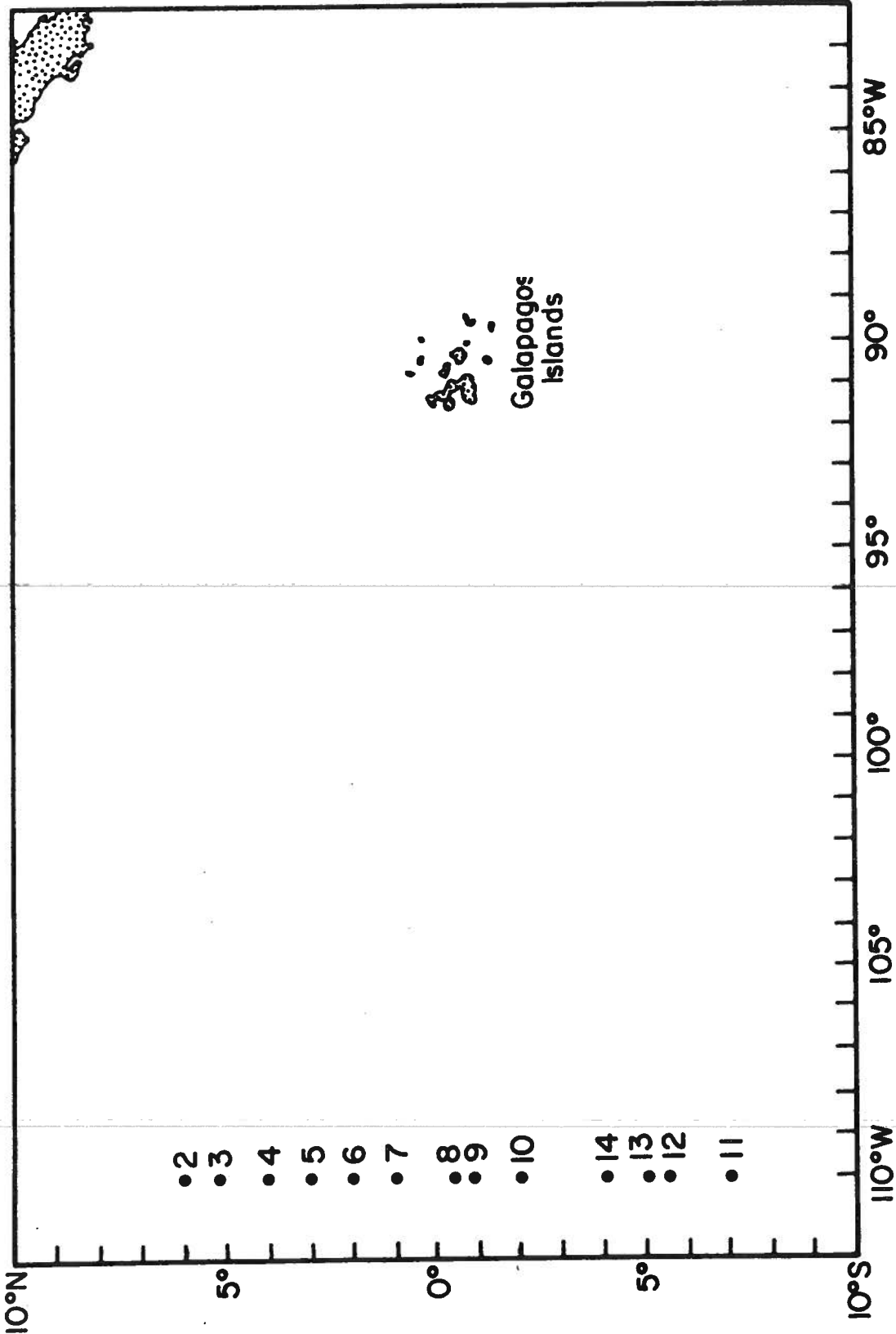
EP4-80-RS PEGASUS 23
 R/V RESEARCHER DATE 09 12 80 TIME 2135 Z
 LATITUDE 5.502 N LONGITUDE 102.488 W



PRESSURE	U	V	T
0	21.9	34.4	*
10	20.6	41.7	*
20	5.9	4.5	*
30	-7.1	-24.6	*
40	-2.0	-6.4	*
50	4.6	11.5	*
60	6.6	6.8	*
70	14.4	-0.7	*
80	21.3	4.1	*
90	22.7	16.1	*
100	24.4	20.0	*
110	23.3	13.7	*
120	21.6	7.0	*
130	18.4	7.2	*
140	12.6	10.9	*
150	10.1	10.3	*
160	9.4	5.7	*
170	7.4	4.7	*
180	9.5	5.5	*
190	14.3	4.9	*
200	15.2	7.4	*
220	5.0	10.2	*
240	5.8	7.8	*
260	8.4	6.9	*
280	10.8	2.8	*
300	11.3	2.2	*
320	9.3	3.2	*
340	7.3	-1.4	*
360	6.3	-1.7	*
380	7.7	-0.4	*
400	9.1	3.7	*
450	5.4	1.5	*
500	7.4	2.9	*
550	4.3	-0.2	*
600	-1.2	4.8	*
650	-1.7	8.9	*
700	3.4	3.4	*
750	5.8	-0.9	*
800	4.1	-4.2	*
850	3.5	-3.3	*
900	4.4	-2.4	*
950	0.1	-2.8	*
1000	10.0	-0.7	*
1100	3.0	-4.5	*
1200	3.3	-0.3	*
1300	1.2	1.9	*
1400	0.6	-1.4	*

APPENDIX B: EP2-81-OC

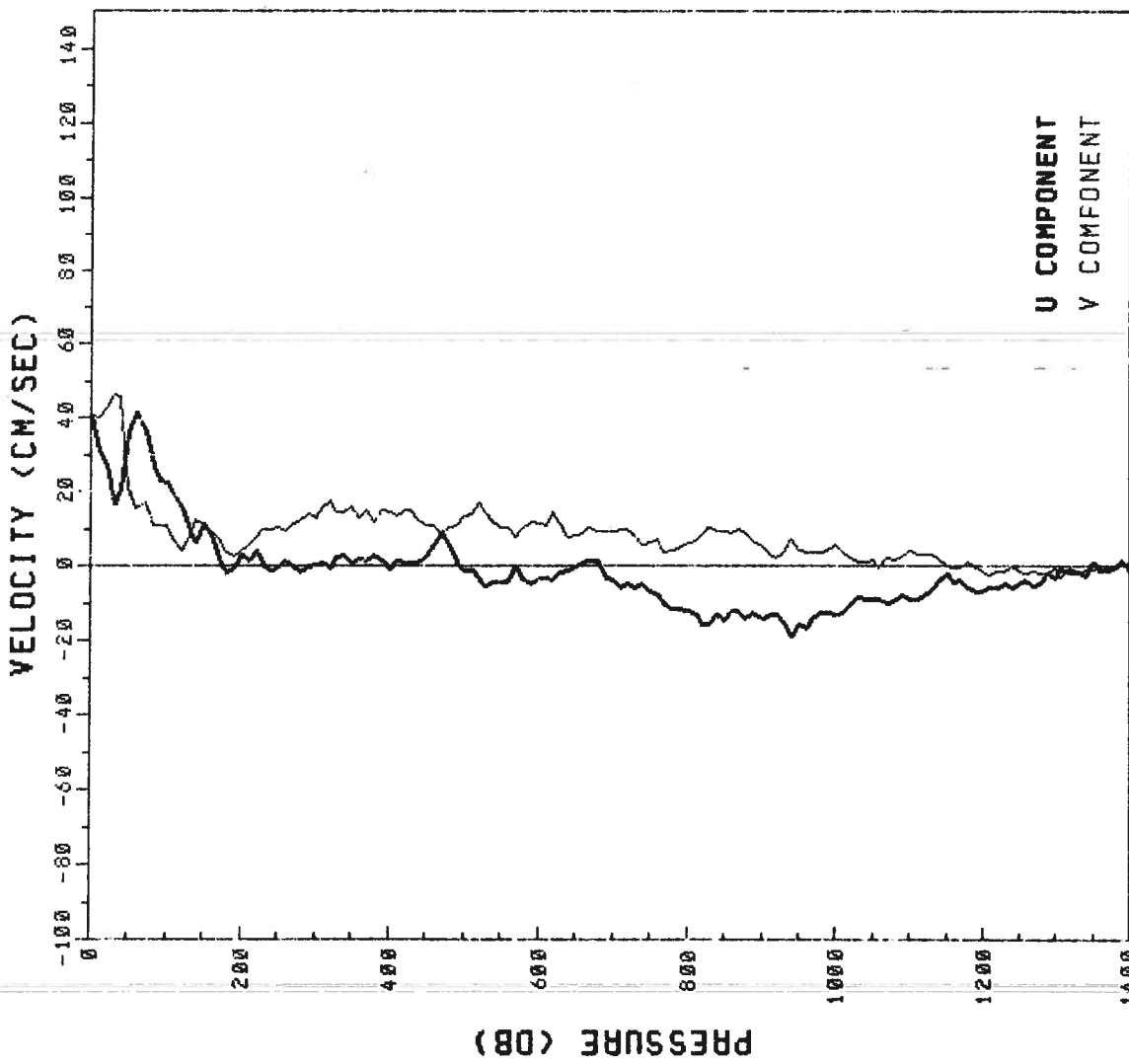
PEGASUS STATIONS EP2-81-OC



Property of
NOAA Miami Library
4301 Rickenbacker Causeway
Miami, Florida 33149

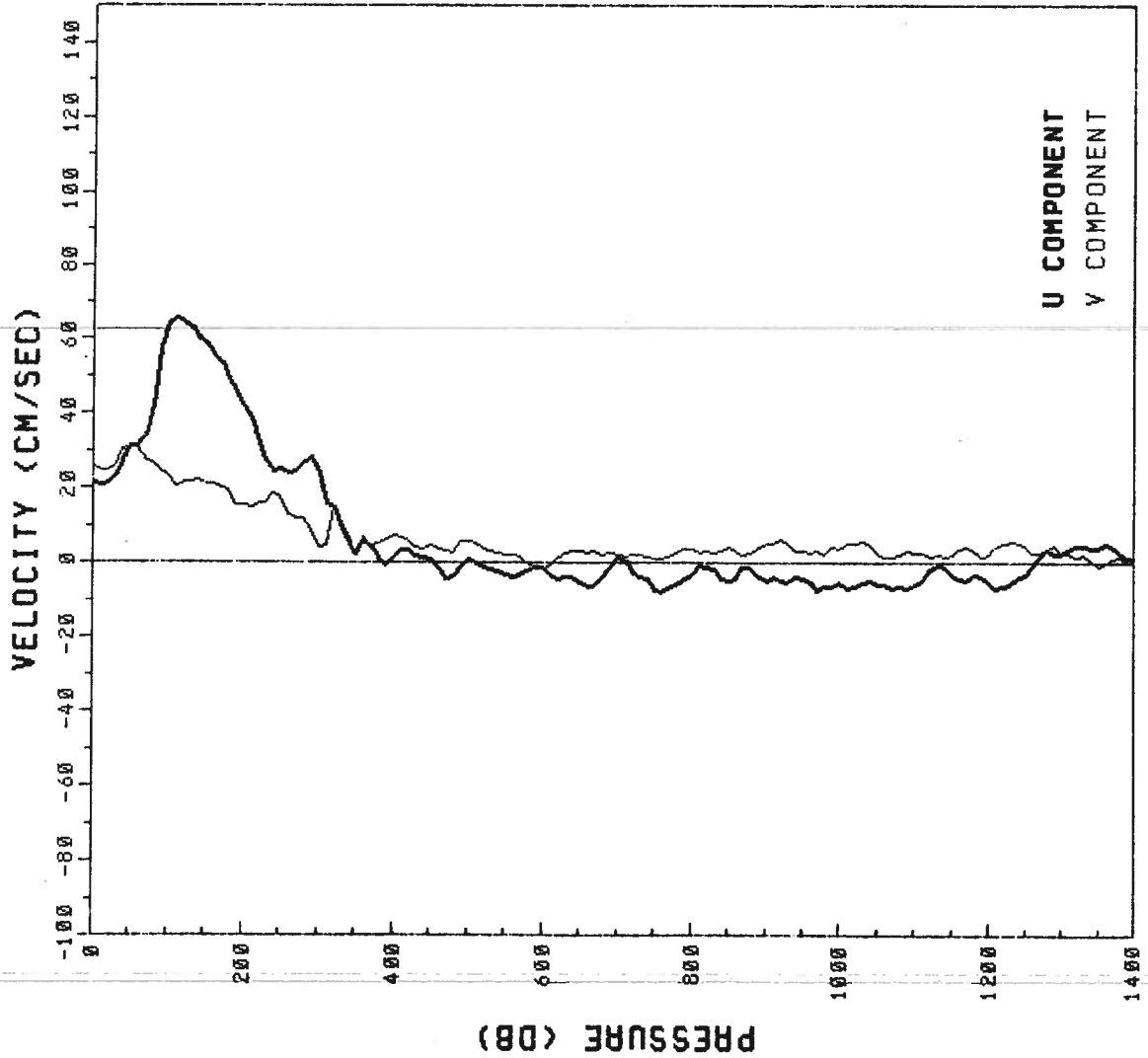
EP2-81-0C PEGASUS 2
 R/V OCEANOGRAPHER DATE 03 01 81 TIME 1357 Z
 LATITUDE 5.897 N LONGITUDE 109.945 W

PRESSURE	U	V	T
0	45.6	41.2	26.5
10	81.6	40.0	26.5
20	27.4	43.2	26.5
30	17.0	46.5	26.5
40	20.9	46.3	26.5
50	36.4	21.6	25.3
60	42.2	16.0	24.2
70	36.7	17.4	21.9
80	27.1	10.9	17.5
90	23.7	10.8	15.1
100	23.0	10.7	13.4
110	18.8	17.2	12.4
120	15.8	4.8	11.6
130	9.3	8.1	11.6
140	6.6	12.8	11.2
150	11.2	11.0	11.0
160	6.4	9.3	10.4
170	0.7	6.9	10.3
180	-1.1	4.1	10.2
190	-0.5	3.1	10.0
200	3.4	4.8	9.9
220	4.7	7.9	9.7
240	-0.7	10.0	9.6
260	2.3	9.5	9.4
280	-1.3	13.0	9.2
300	0.7	13.4	9.1
320	-0.4	17.5	8.9
340	3.4	14.0	8.8
360	2.7	13.3	8.7
380	3.5	12.3	8.5
400	-0.7	14.8	8.3
450	3.3	11.0	7.8
500	-0.6	13.7	7.4
550	-3.6	10.5	6.8
600	-2.8	11.8	6.2
650	0.1	8.3	5.8
700	-3.1	9.2	5.4
750	-6.2	6.4	5.0
800	-11.6	6.3	4.8
850	-13.9	9.6	4.6
900	-13.5	5.5	4.3
950	-15.2	4.5	4.1
1000	-12.4	5.8	4.0
1100	-8.5	4.8	3.6
1200	-6.2	-1.4	3.3
1300	-2.7	-0.3	3.0
1400	0.7	-1.5	2.8



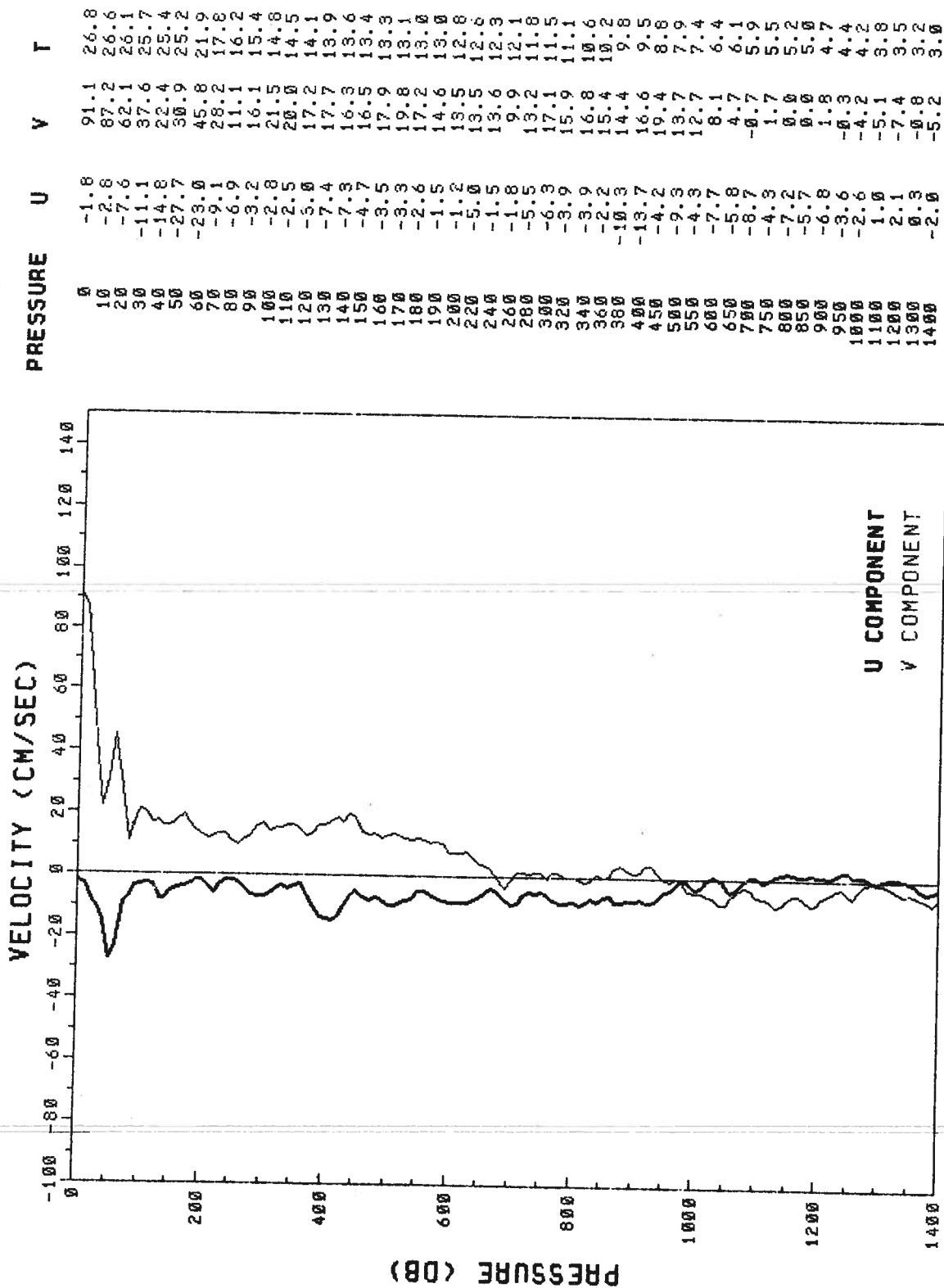
EP2-81-0C PEGASUS 3
 R/V OCEANOGRAPHER DATE 03 02 81 TIME 0511 Z
 LATITUDE 5.013 N LONGITUDE 109.965 W

PRESSURE	U	V	T
0	22.3	26.2	26.2
10	21.6	25.0	26.2
20	22.2	24.9	26.2
30	24.1	26.6	26.2
40	27.6	30.4	25.9
50	31.8	31.8	24.7
60	31.9	31.3	22.5
70	35.5	27.5	21.0
80	45.1	26.5	18.4
90	58.0	24.9	15.2
100	64.7	23.8	13.9
110	66.2	20.9	13.2
120	64.9	22.0	12.9
130	63.6	22.3	12.8
140	61.2	22.4	12.6
150	59.2	21.0	12.4
160	56.1	21.5	12.2
170	53.7	20.2	12.0
180	48.8	19.6	11.8
190	46.3	15.6	11.5
200	42.1	16.0	11.3
220	32.2	16.5	11.1
240	25.3	18.5	10.6
260	24.6	13.2	10.5
280	27.1	12.6	10.3
300	24.2	4.8	10.1
320	15.1	15.3	9.7
340	6.3	8.0	9.4
360	7.0	5.7	9.2
380	1.5	5.3	9.1
400	1.8	7.4	8.9
450	1.2	4.9	8.4
500	1.0	6.1	7.8
550	-2.9	2.8	7.2
600	-0.8	-1.2	6.6
650	-4.7	3.6	6.1
700	-2.1	2.5	5.7
750	-6.8	1.3	5.3
800	-2.6	3.9	5.0
850	-4.1	4.4	4.8
900	-4.2	5.3	4.5
950	-3.7	3.4	4.3
1000	-4.7	4.1	4.1
1100	-5.2	3.3	3.8
1200	-4.6	2.7	3.4
1300	3.2	0.6	3.1
1400	1.2	0.8	2.8



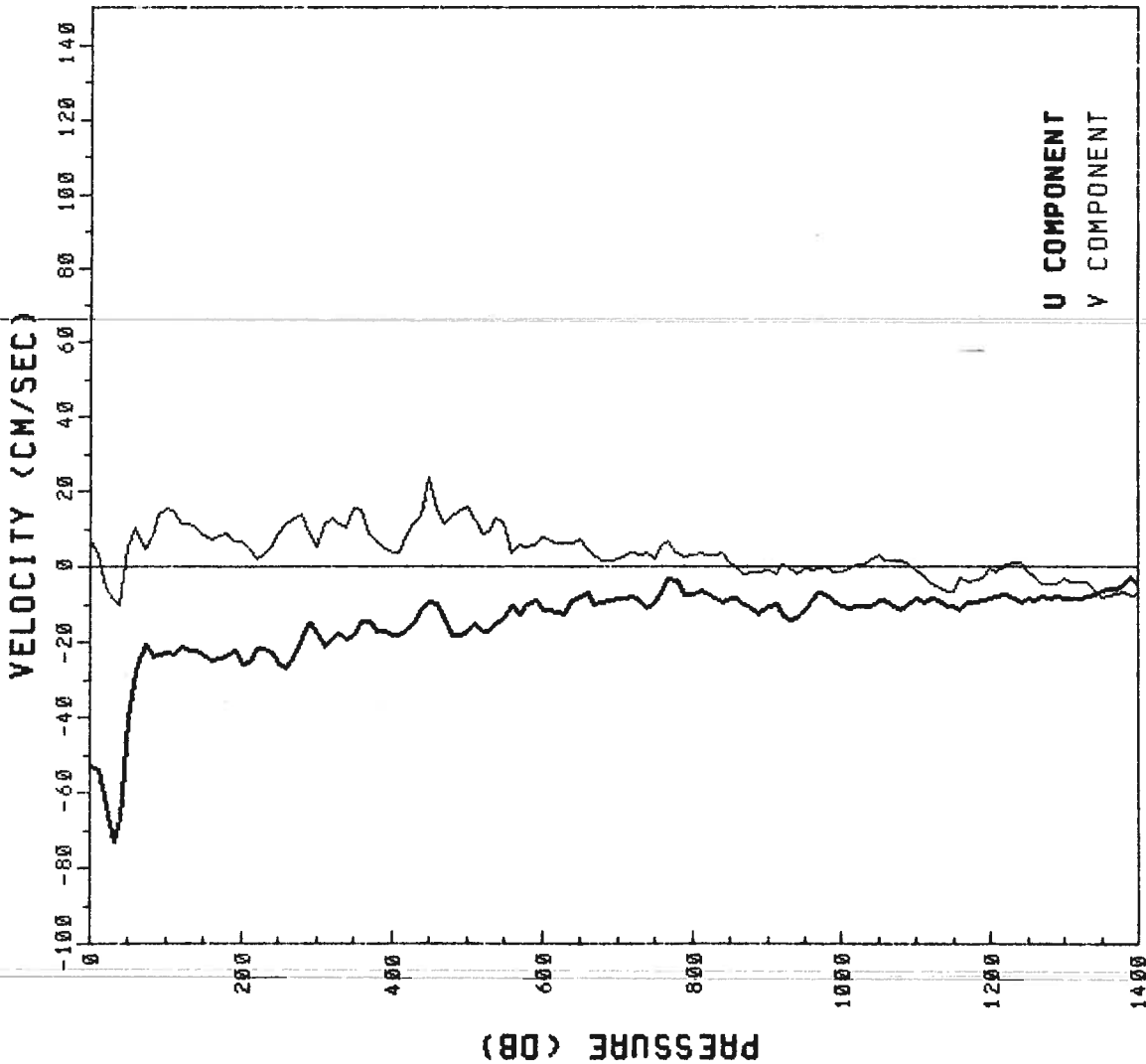
U COMPONENT
 V COMPONENT

EP2-81-0C PEGASUS 4
 R/V OCEANOGRAPHER DATE 03 04 81 TIME 0737 Z
 LATITUDE 4.003 N LONGITUDE 110.017 W



EP2-81-0C PEGASUS S
 R/V OCEANOGRAPHER DATE 03 05 81 TIME 0121 Z
 LATITUDE 2.997 N LONGITUDE 110.013 W

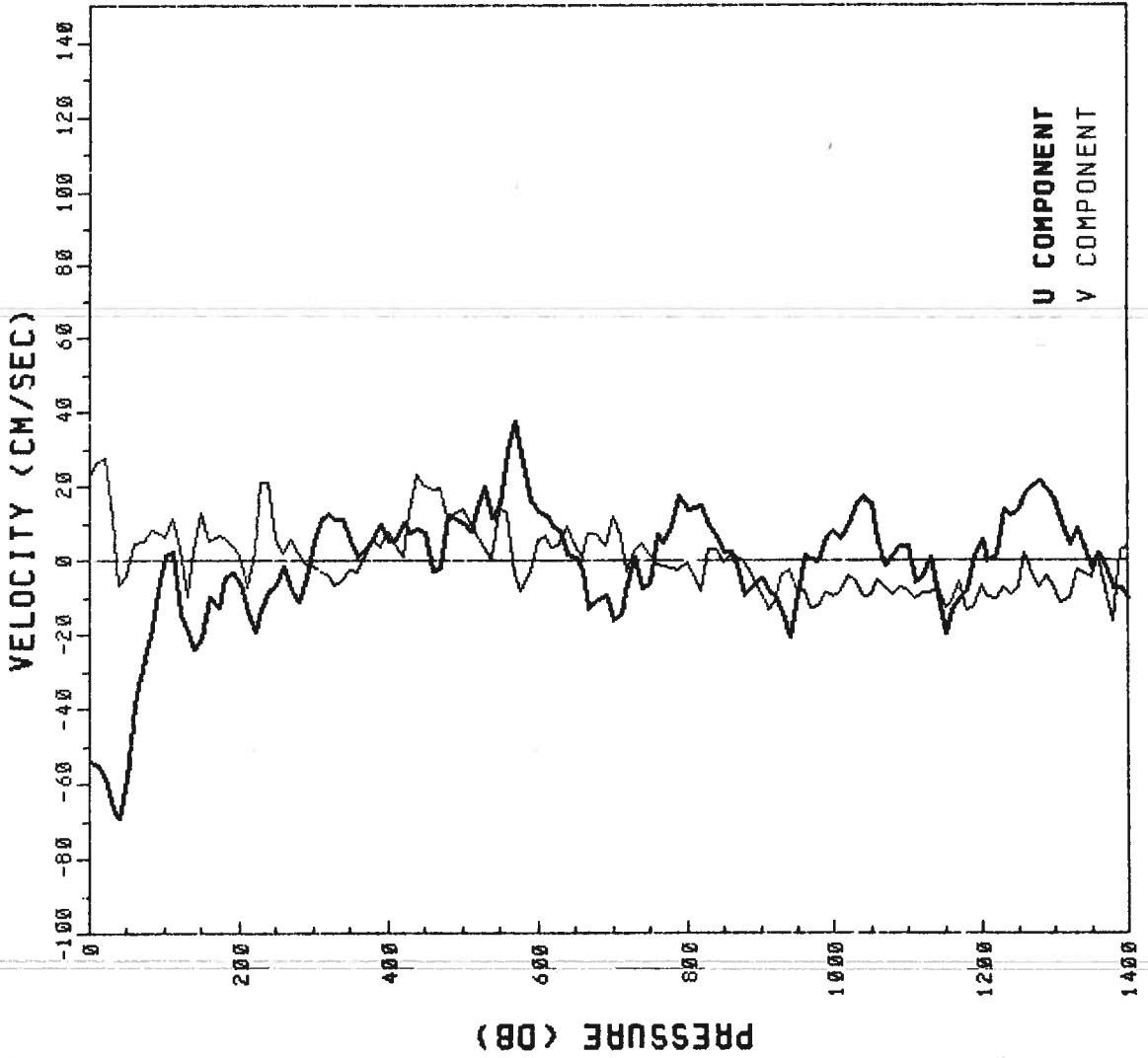
PRESSURE	U	V	T
0	-52.4	6.8	25.9
10	-53.5	4.1	25.9
20	-63.3	-5.2	25.6
30	-73.0	-8.7	25.3
40	-67.2	-10.3	22.7
50	-40.4	5.3	19.9
60	-27.3	10.3	17.3
70	-20.3	5.0	15.7
80	-23.2	8.4	15.4
90	-22.7	14.1	14.9
100	-22.2	15.9	14.6
110	-22.9	14.6	14.0
120	-20.8	12.0	13.8
130	-22.0	11.2	13.6
140	-21.7	10.2	13.4
150	-22.6	8.7	13.3
160	-24.2	7.5	13.1
170	-23.6	8.6	13.0
180	-23.4	9.0	12.9
190	-21.7	6.3	12.8
200	-25.0	7.0	12.6
220	-21.4	2.7	12.3
240	-22.5	5.5	12.1
260	-26.0	11.4	11.9
280	-18.7	14.4	11.6
300	-18.0	5.7	11.3
320	-18.7	13.5	11.0
340	-19.1	10.4	10.6
360	-13.0	15.5	10.1
380	-16.2	6.9	9.6
400	-17.2	4.3	9.3
450	-9.0	24.1	8.4
500	-16.3	16.1	7.7
550	-12.9	11.7	6.9
600	-11.1	8.0	6.4
650	-7.4	7.5	6.1
700	-7.6	2.7	5.7
750	-8.9	2.6	5.3
800	-6.9	3.4	5.0
850	-7.7	1.0	4.7
900	-10.0	-0.9	4.4
950	-11.1	-0.2	4.2
1000	-10.2	-1.2	4.0
1100	-8.1	-1.0	3.7
1200	-7.7	-0.4	3.4
1300	-7.9	-2.6	3.2
1400	-4.0	-6.9	3.0



U COMPONENT
 V COMPONENT

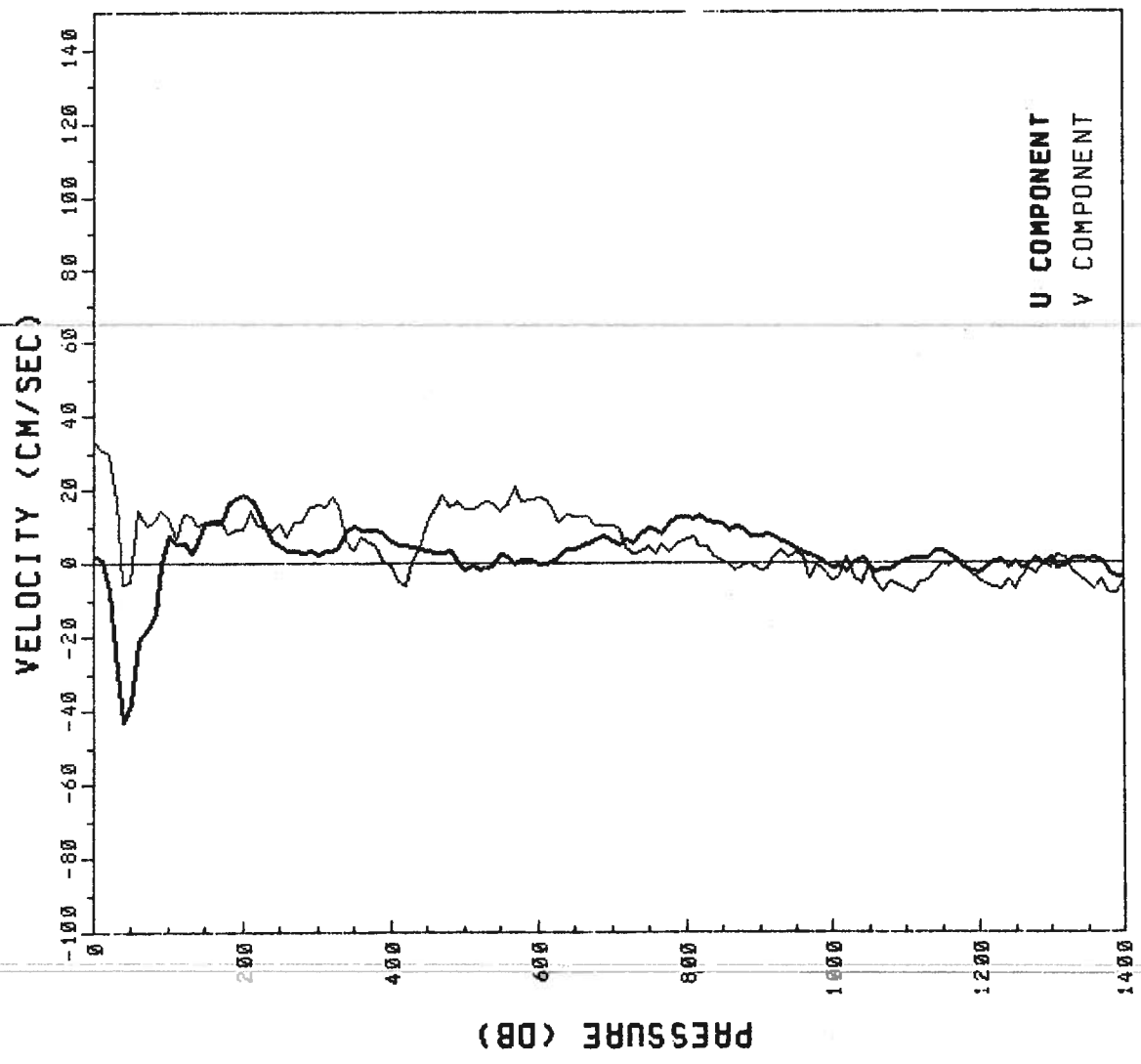
EP2-81-OC PEGASUS 6
 R/V OCEANOGRAPHER DATE 03 05 81 TIME 1645 Z
 LATITUDE 1.957 N LONGITUDE 110.042 W

PRESSURE (DB)	U	V	T
0	-53.4	23.3	25.1
10	-54.6	26.9	25.1
20	-58.6	27.8	25.1
30	-65.8	12.6	24.9
40	-69.2	-8.2	24.0
50	-58.6	-3.7	24.1
60	-38.8	5.1	16.1
70	-26.1	5.4	16.5
80	-17.8	8.6	15.6
90	-8.1	8.0	14.8
100	1.9	6.5	14.8
110	2.9	11.4	14.7
120	-13.9	4.0	14.3
130	-19.5	-9.8	11.9
140	-23.6	3.2	12.2
150	-21.0	13.5	13.3
160	-9.8	5.3	11.3
170	-12.7	7.2	11.7
180	-4.3	6.7	12.5
190	-8.0	4.7	10.9
200	-5.7	1.4	11.4
220	-19.6	3.0	10.3
240	-8.2	2.1	11.7
260	-1.5	2.5	11.5
280	-10.9	2.5	11.3
300	5.4	-1.2	10.6
320	13.3	-3.9	10.5
340	11.4	-4.9	10.2
360	1.3	-2.6	9.2
380	5.9	5.8	9.0
400	6.2	8.1	7.0
450	8.2	20.0	7.2
500	10.3	14.2	7.1
550	15.4	14.2	6.6
600	13.8	5.8	5.6
650	1.2	4.6	6.0
700	-15.6	12.6	5.0
750	-5.5	1.6	5.2
800	14.3	-0.4	4.8
850	3.2	-0.1	4.5
900	-4.1	-8.6	3.9
950	-8.9	-8.3	4.1
1000	8.3	-9.6	3.9
1100	4.5	-8.2	3.2
1200	6.0	-6.3	3.1
1300	17.0	-6.7	2.9
1400	-10.1	4.8	2.5



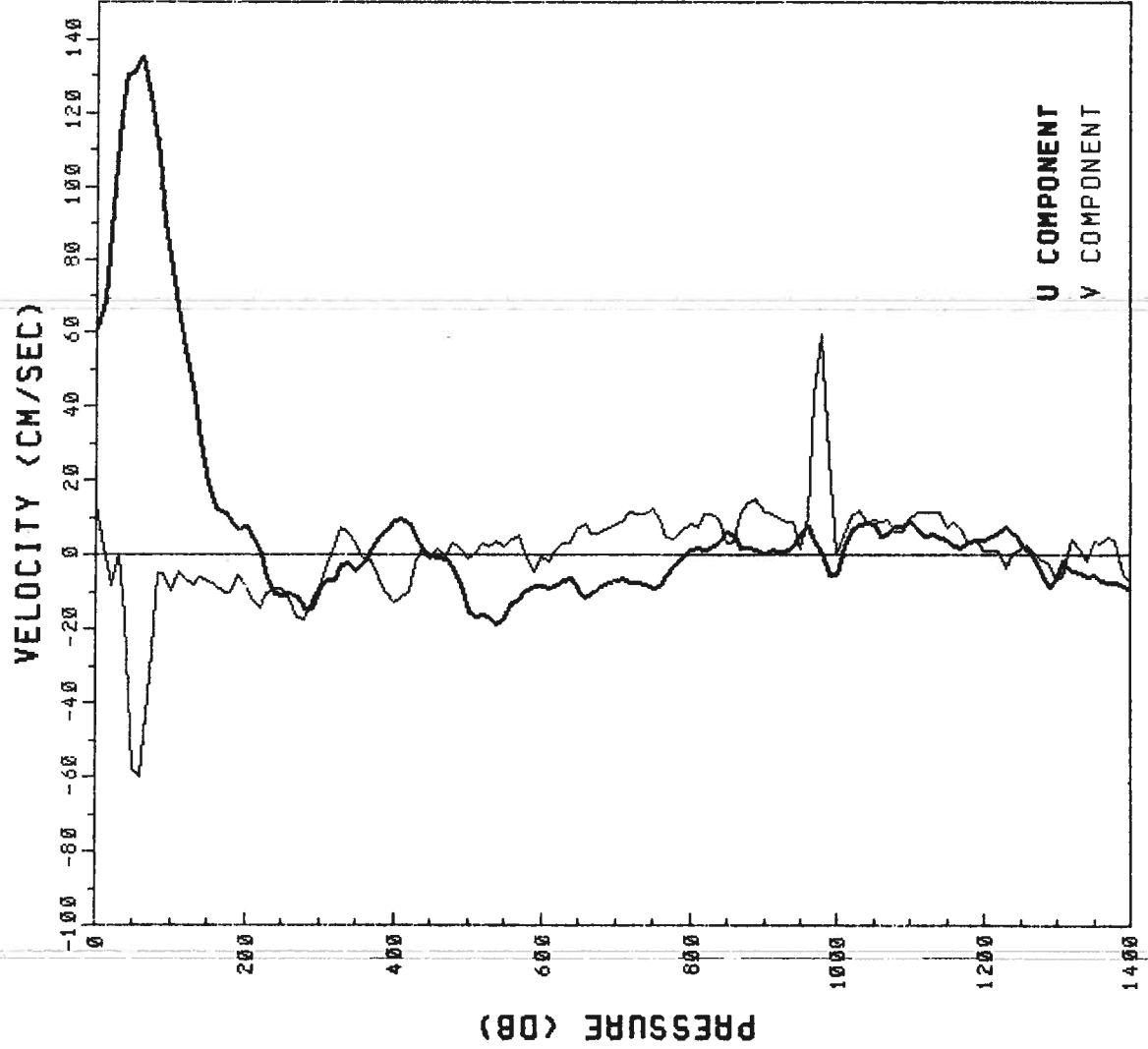
EP2-81-0C PEGASUS 7
 R/V OCEANOGRAPHER DATE 03 06 81 TIME 0755 Z
 LATITUDE 1.023 N LONGITUDE 109.930 W

VELOCITY (CM/SEC)	U	V	T
0	3.0	34.0	24.5
10	1.3	30.7	24.5
20	-6.5	29.9	24.5
30	-29.3	17.7	24.3
40	-43.0	-5.4	22.9
50	-38.1	-4.5	19.9
60	-20.6	14.6	17.3
70	-17.0	10.6	16.2
80	-13.4	12.4	15.3
90	-0.4	14.6	14.6
100	8.0	13.1	14.1
110	6.0	17.1	13.8
120	5.9	13.7	13.5
130	2.9	13.2	13.3
140	6.3	10.6	13.0
150	11.5	12.0	12.9
160	12.5	11.0	12.7
170	12.3	11.1	12.6
180	16.7	8.4	12.6
190	18.4	9.6	12.4
200	19.1	9.6	12.4
220	14.3	10.6	12.3
240	6.3	9.0	12.2
260	4.3	7.6	12.2
280	3.5	11.5	12.1
300	3.0	16.4	11.9
320	4.0	18.2	11.5
340	9.5	6.3	10.8
360	9.2	7.4	10.1
380	9.2	5.1	9.5
400	6.3	-0.2	9.3
450	4.3	10.8	8.6
500	-1.2	15.4	7.9
550	3.3	14.7	7.4
600	0.0	18.3	6.8
650	4.8	13.4	6.3
700	6.4	10.4	5.9
750	10.0	4.9	5.5
800	13.3	7.0	5.1
850	11.5	0.7	4.7
900	8.1	-1.8	4.6
950	4.8	3.4	4.4
1000	-1.0	-4.1	4.3
1100	0.9	-6.6	3.8
1200	-2.5	-4.2	3.4
1300	1.9	-1.3	3.2
1400	-3.2	-4.9	3.0



EP2-81-0C PEGASUS 8
 R/V OCEANOGRAPHER DATE 03 09 81 TIME 1622 Z
 LATITUDE 0.475 S LONGITUDE 109.928 W

PRESSURE (DB)	U	V	T
0	61.8	14.0	23.8
10	68.7	-2.6	22.9
20	93.3	-7.5	21.1
30	118.3	0.0	20.3
40	130.5	-16.3	18.9
50	131.2	-57.8	18.0
60	124.7	-59.9	16.9
70	121.6	-32.2	15.9
80	107.7	-4.5	15.3
90	90.7	-4.7	14.9
100	77.5	-9.6	14.2
110	64.2	-4.0	13.8
120	53.2	-6.3	13.5
130	43.0	-7.8	13.3
140	30.4	-5.7	13.1
150	19.3	-6.5	12.6
160	13.2	-8.1	12.6
170	11.4	-10.1	12.5
180	9.4	-10.2	12.5
190	7.7	-5.0	12.5
200	8.0	-8.3	12.5
220	0.7	-14.1	12.5
240	-10.2	-9.1	12.3
260	-10.3	-11.7	12.2
280	-14.2	-16.8	12.1
300	-8.5	-8.8	11.2
320	-6.2	3.3	10.9
340	-1.9	6.1	10.5
360	-1.8	-0.7	10.4
380	4.9	-5.9	9.9
400	9.3	-12.7	9.7
450	0.3	-0.7	8.9
500	-14.3	-0.7	8.1
550	-16.2	2.4	7.4
600	-8.2	-0.1	6.8
650	-9.0	7.7	6.4
700	-6.4	8.7	6.0
750	-8.4	12.9	5.8
800	1.5	8.4	5.3
850	6.3	3.8	5.1
900	0.6	12.1	4.8
950	5.8	1.5	4.5
1000	-4.8	0.0	4.4
1100	9.5	10.0	4.0
1200	4.5	0.9	3.6
1300	-5.2	-6.0	3.3
1400	-9.2	-6.5	3.1



U COMPONENT
 V COMPONENT

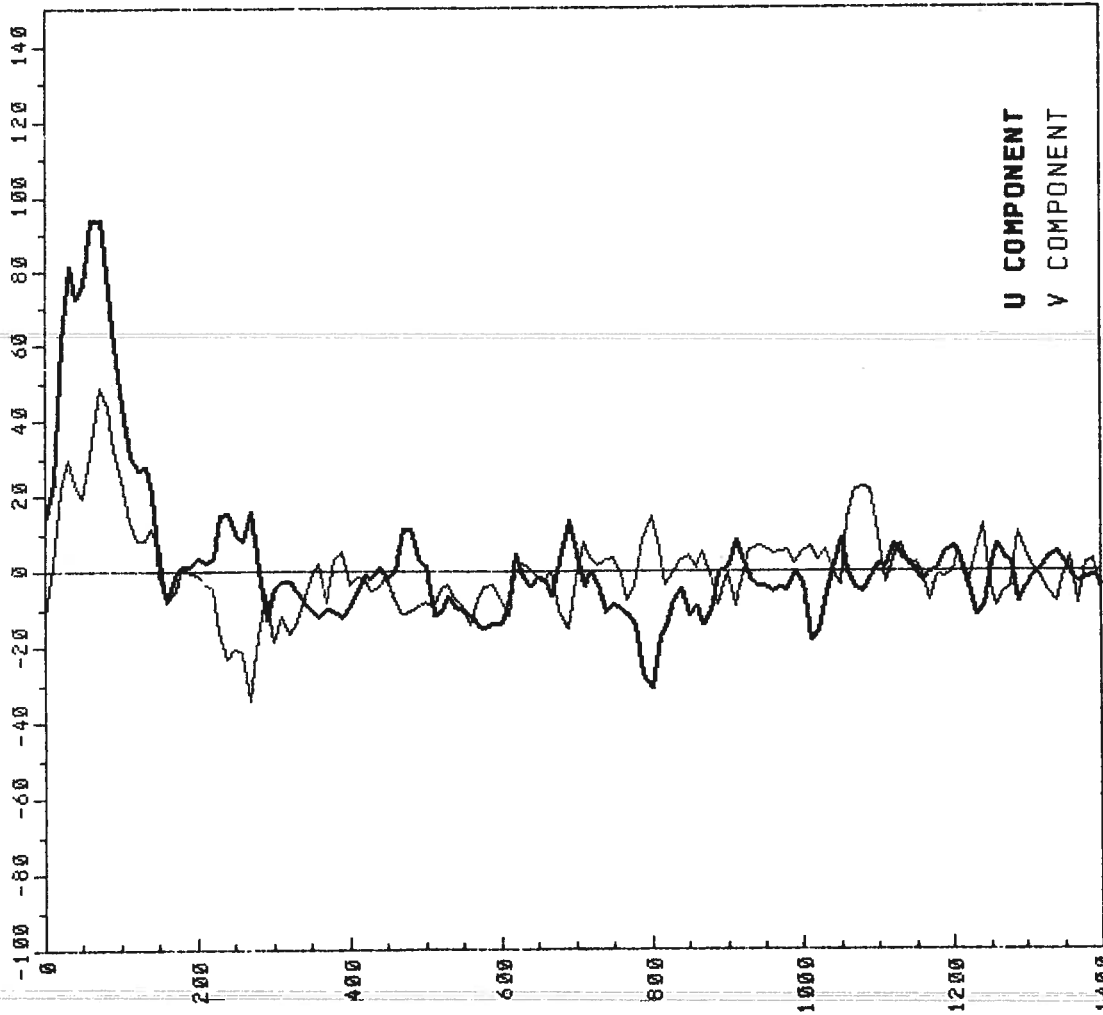
EP2-81-0C PEGASUS 9

R/V OCEANOGRAPHER DATE 03 10 81

LATITUDE 1.032 S LONGITUDE 110.000 W

TIME 0242 Z

VELOCITY (CM/SEC)



PRESSURE

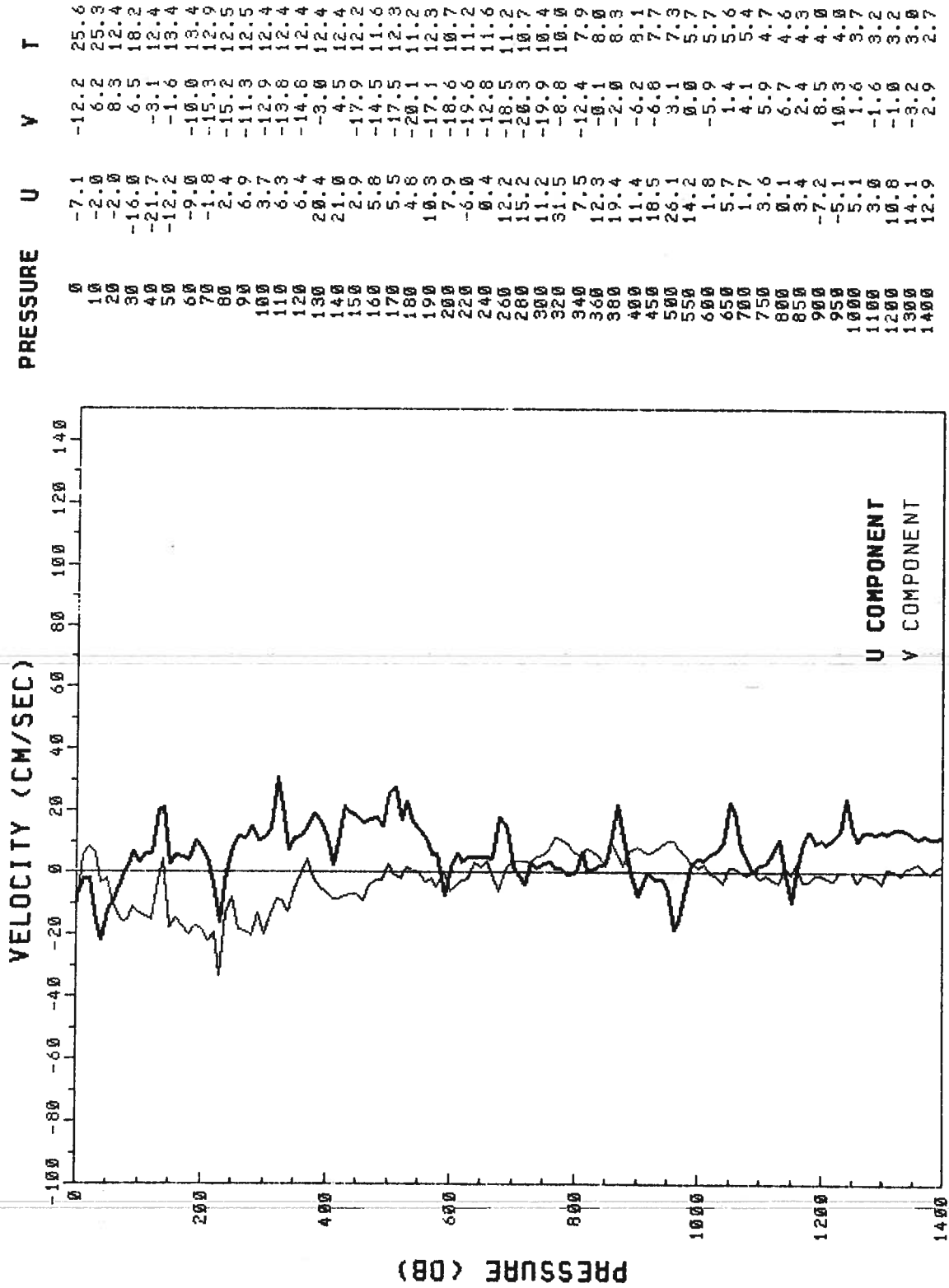
U

V

T

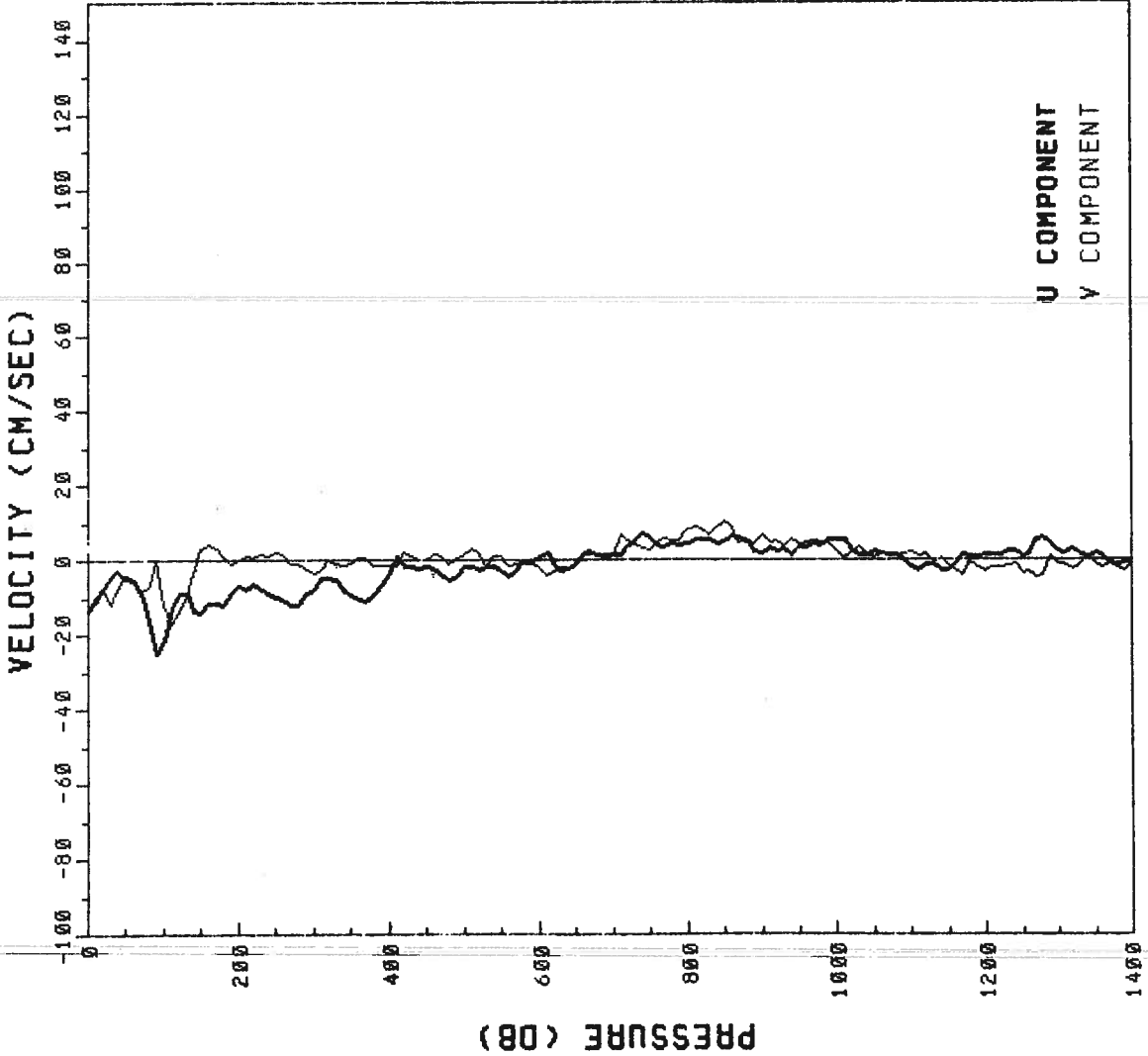
0	14.6	-11.8	24.4
10	24.4	2.5	24.3
20	61.4	22.1	24.4
30	81.8	29.9	24.8
40	72.7	24.1	22.5
50	76.2	19.5	21.6
60	93.8	30.8	20.2
70	94.1	48.8	14.8
80	75.0	44.0	13.2
90	60.8	52.8	16.1
100	44.7	25.1	12.4
110	30.2	13.6	13.7
120	27.5	8.5	13.9
130	28.1	8.3	12.4
140	20.7	12.1	13.2
150	-1.0	7.3	12.6
160	-7.0	-7.5	12.3
170	0.4	-4.6	12.5
180	2.2	1.0	12.5
190	1.8	-0.2	12.5
200	3.9	-0.6	12.4
220	4.1	-4.2	12.4
240	15.9	-23.0	12.4
260	8.7	-21.2	12.3
280	0.7	-16.3	12.3
300	-4.3	-18.2	12.0
320	-2.4	-15.9	9.9
340	-7.1	-8.2	9.7
360	-11.7	2.7	10.5
380	-10.2	3.8	9.9
400	-9.2	-3.2	10.1
450	-1.9	-1.3	9.4
500	1.5	-7.5	7.5
550	-10.1	-9.2	7.5
600	-13.7	-7.9	6.8
650	-1.1	-1.3	6.5
700	5.2	-1.7	6.3
750	-8.8	4.3	5.2
800	-31.1	14.8	4.7
850	-11.8	4.5	5.3
900	2.0	-0.2	4.7
950	-3.2	6.7	4.5
1000	-2.0	5.3	4.3
1100	2.4	9.7	3.9
1200	7.2	0.2	3.3
1300	-3.3	5.4	3.3
1400	-3.2	-5.3	3.1

EP2-81-0C PEGASUS 10
 R/V OCEANOGRAPHER DATE 03 11 81 TIME 1648 Z
 LATITUDE 2.142 S LONGITUDE 109.998 W

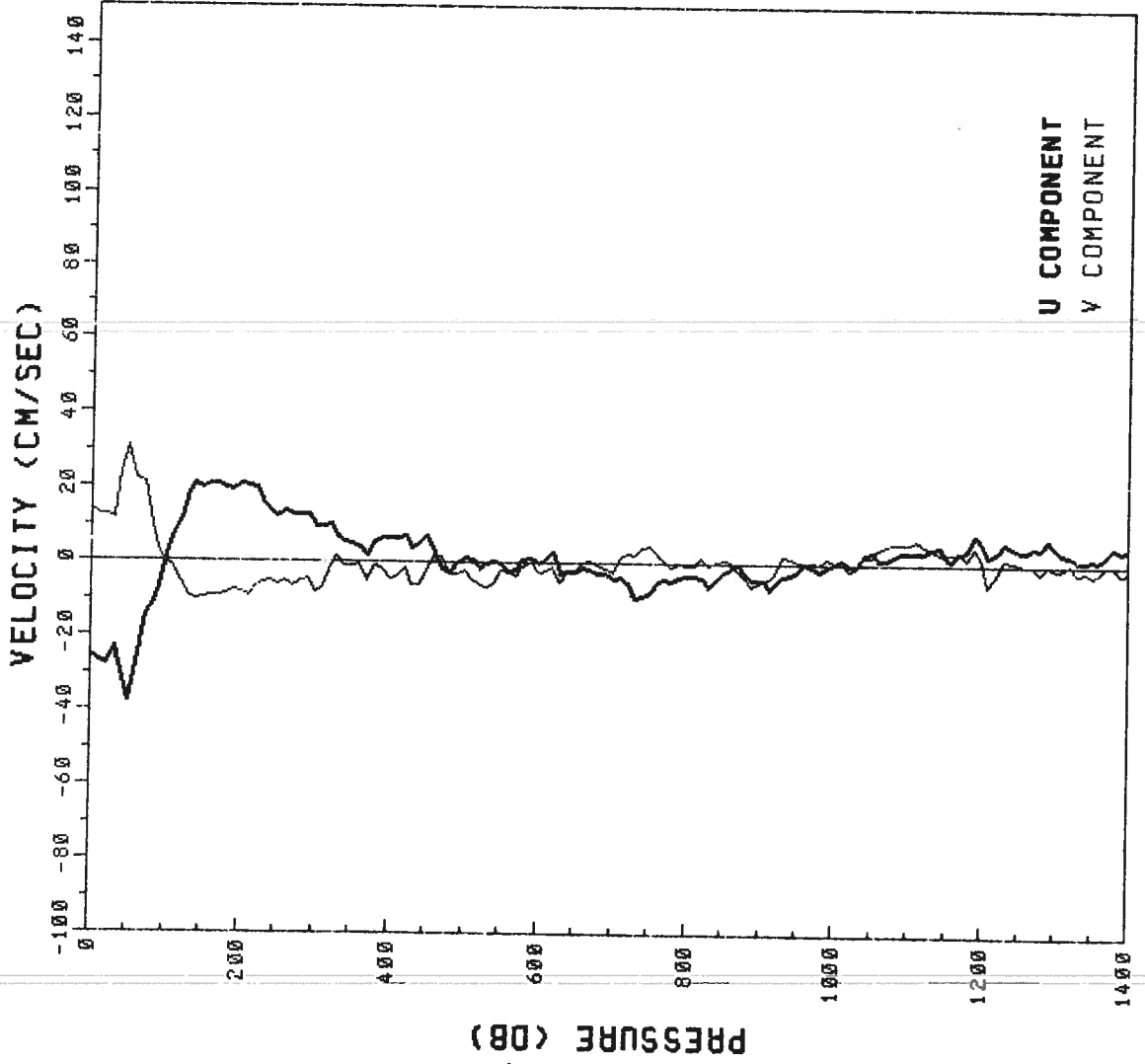


EP2-81-0C PEGASUS 11
 R/V OCEANOGRAPHER DATE 03 12 81 TIME 0530 Z
 LATITUDE 7.028 S LONGITUDE 110.000 W

PRESSURE (DB)	U	V	T
0	-13.2	-12.0	26.3
10	-9.5	-11.0	26.3
20	-6.5	-7.2	26.3
30	-3.9	-11.4	26.2
40	-2.2	-7.3	26.2
50	-4.3	-3.5	26.1
60	-4.5	-4.6	25.8
70	-9.8	-8.0	25.4
80	-17.3	-6.4	24.8
90	-24.6	0.3	23.7
100	-21.2	-11.6	22.5
110	-12.1	-16.6	20.7
120	-8.6	-13.5	19.6
130	-8.8	-9.5	18.5
140	-12.8	-3.2	17.0
150	-13.6	3.8	15.3
160	-11.3	4.4	14.0
170	-11.1	3.7	13.1
180	-11.4	0.9	12.6
190	-8.5	-0.6	12.3
200	-6.1	0.0	12.0
220	-5.9	0.8	11.6
240	-8.5	1.2	11.4
260	-10.0	1.4	11.0
280	-11.6	-0.9	10.9
300	-7.1	-3.2	10.6
320	-4.0	0.3	10.3
340	-7.0	-1.3	10.1
360	-9.9	0.7	9.9
380	-8.9	-1.2	9.6
400	-3.1	-1.5	9.3
450	-1.5	0.1	8.6
500	-1.3	2.0	7.8
550	-2.5	1.1	7.0
600	1.3	-1.8	6.6
650	-0.6	-0.6	6.1
700	2.1	1.3	5.6
750	6.5	3.3	5.3
800	5.0	8.5	5.0
850	5.7	10.5	4.7
900	2.6	7.0	4.5
950	4.1	4.4	4.3
1000	6.2	3.0	4.2
1100	-1.4	2.4	3.8
1200	1.5	-2.6	3.5
1300	3.2	-0.9	3.3
1400	-0.5	-0.7	3.0



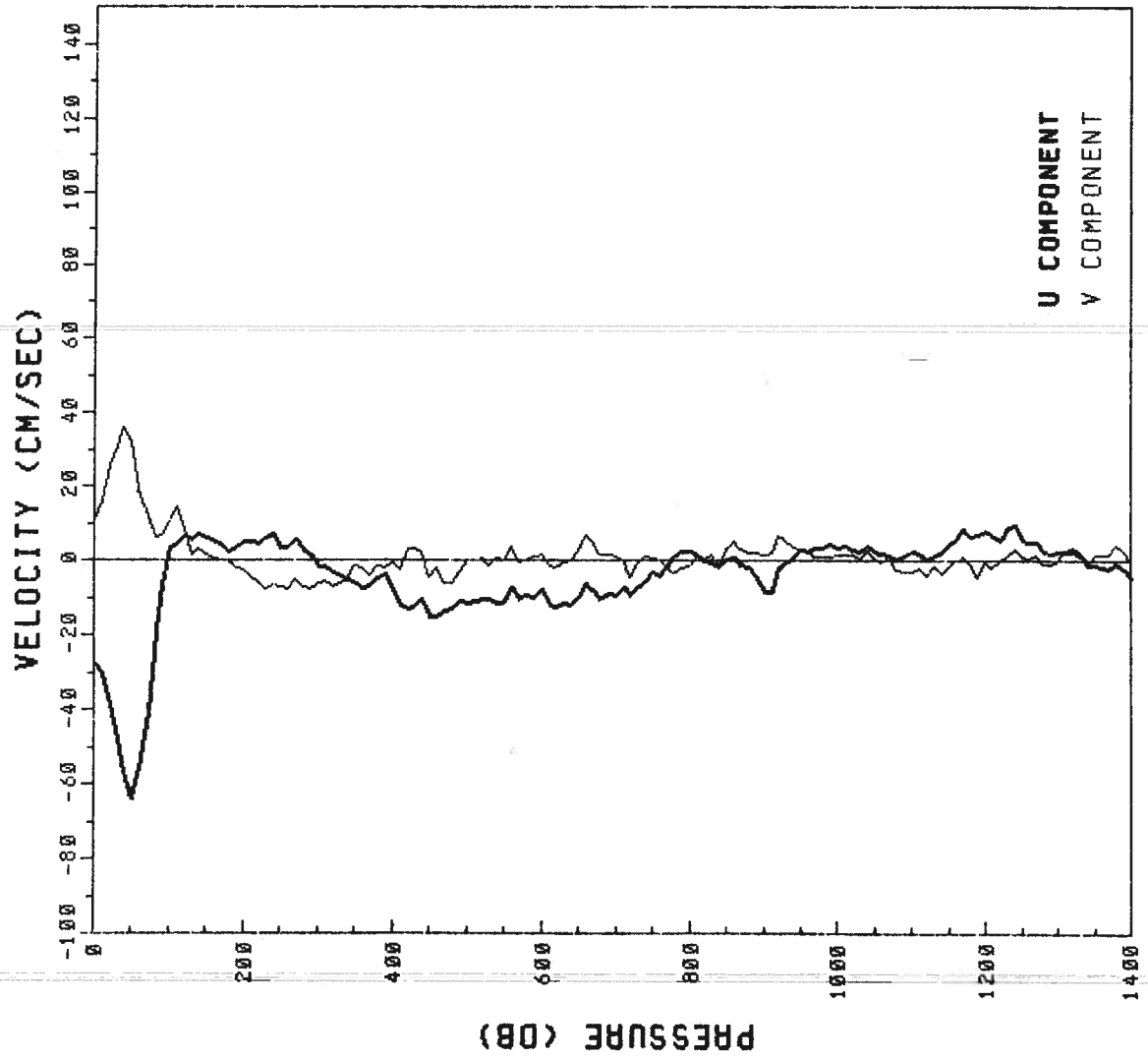
EP2-81-0C PEGASUS 12
 R/V OCEANOGRAPHER DATE 03 14 81 TIME 0136 Z
 LATITUDE 5.433 S LONGITUDE 110.004 W



PRESSURE	U	V	T
0	-24.8	14.4	26.5
10	-26.3	15.1	26.3
20	-27.3	13.0	26.3
30	-22.7	11.2	26.2
40	-30.0	24.3	26.1
50	-37.8	31.0	25.6
60	-27.9	22.7	23.3
70	-13.9	21.0	21.8
80	-11.2	10.0	20.5
90	-6.6	3.4	18.7
100	1.8	-0.2	16.5
110	7.9	-1.5	15.5
120	11.5	-5.4	14.5
130	18.7	-9.0	13.7
140	21.0	-10.3	13.0
150	20.4	-9.7	12.7
160	21.4	-8.9	12.5
170	21.3	-9.1	12.3
180	20.0	-8.6	12.1
190	19.9	-7.1	12.0
200	21.1	-7.7	11.9
220	20.2	-6.4	11.7
240	14.8	-4.7	11.6
260	14.3	-4.8	11.3
280	13.3	-4.9	11.1
300	10.1	-7.6	10.8
320	10.4	-0.7	10.5
340	5.9	-1.0	10.2
360	4.4	-0.3	10.0
380	6.0	-1.0	9.7
400	6.9	-4.2	9.5
450	7.6	-2.3	8.8
500	1.6	-1.7	8.1
550	0.1	-2.0	7.5
600	0.4	-2.2	6.8
650	-1.7	-1.8	6.2
700	-3.7	-2.1	5.7
750	-7.0	-5.0	5.2
800	-3.0	-0.4	4.9
850	-1.6	-1.0	4.7
900	-3.6	-4.0	4.4
950	-1.1	0.7	4.2
1000	0.7	0.8	4.0
1100	3.9	6.1	3.8
1200	6.2	1.5	3.8
1300	5.5	-0.9	3.3
1400	5.3	-1.5	3.0

EP2-81-0C PEGASUS 13
 R/V OCEANOGRAPHER DATE 03 14 81 TIME 1136 Z
 LATITUDE 4.967 S LONGITUDE 110.000 W

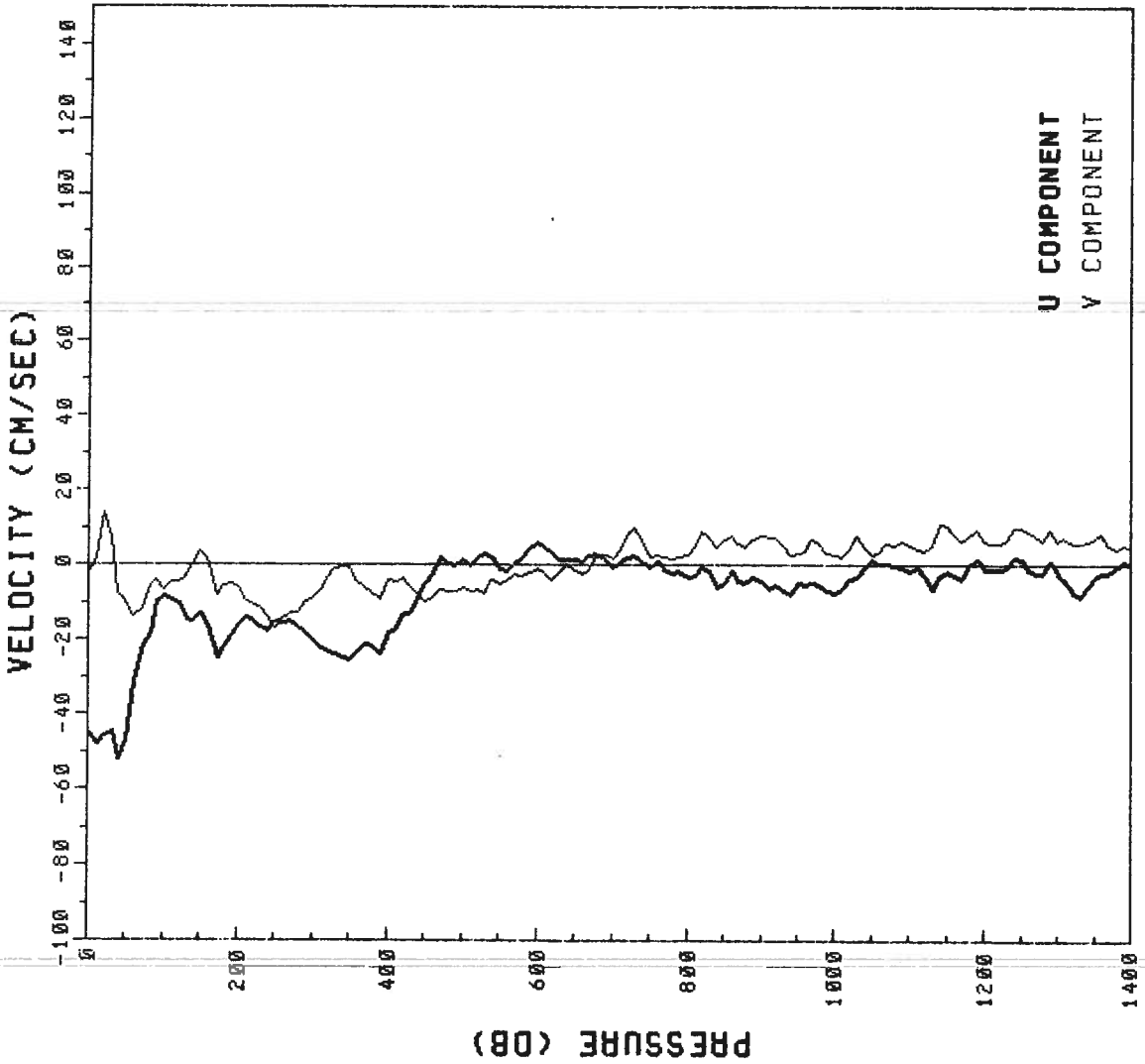
PRESSURE	U	V	T
0	-27.8	10.7	26.5
10	-30.1	16.2	26.5
20	-38.5	25.9	26.5
30	-48.4	31.2	26.4
40	-57.1	36.1	26.3
50	-63.9	32.8	25.9
60	-55.5	19.3	24.5
70	-41.0	12.6	23.1
80	-19.1	6.7	21.2
90	-6.4	7.0	18.7
100	4.3	19.6	17.3
110	5.0	14.8	15.9
120	7.0	8.3	14.6
130	6.0	2.1	13.6
140	7.7	3.8	13.3
150	6.5	2.3	13.1
160	6.1	0.6	12.9
170	4.6	0.3	12.7
180	3.3	0.2	12.5
190	3.9	-2.0	12.4
200	5.7	-2.3	12.3
220	5.0	-5.9	12.1
240	7.5	-6.0	12.0
260	3.9	-7.3	11.8
280	3.4	-6.7	11.7
300	-1.3	-5.9	11.4
320	-2.9	-6.6	11.2
340	-4.5	-4.7	11.0
360	-6.5	-1.9	10.6
380	-4.0	-1.2	10.3
400	-8.3	-0.1	10.0
450	-14.4	-4.2	8.8
500	-11.0	0.0	7.9
550	-11.0	0.2	7.1
600	-7.1	2.1	6.5
650	-9.6	3.0	6.0
700	-9.1	1.1	5.6
750	-3.0	0.8	5.1
800	3.1	-1.3	4.9
850	0.8	3.7	4.6
900	-8.3	1.7	4.2
950	3.7	3.3	4.1
1000	4.2	2.3	3.8
1100	3.1	-2.3	3.6
1200	8.4	-0.4	3.4
1300	3.2	0.4	3.1
1400	-4.4	0.1	2.9



U COMPONENT
 V COMPONENT

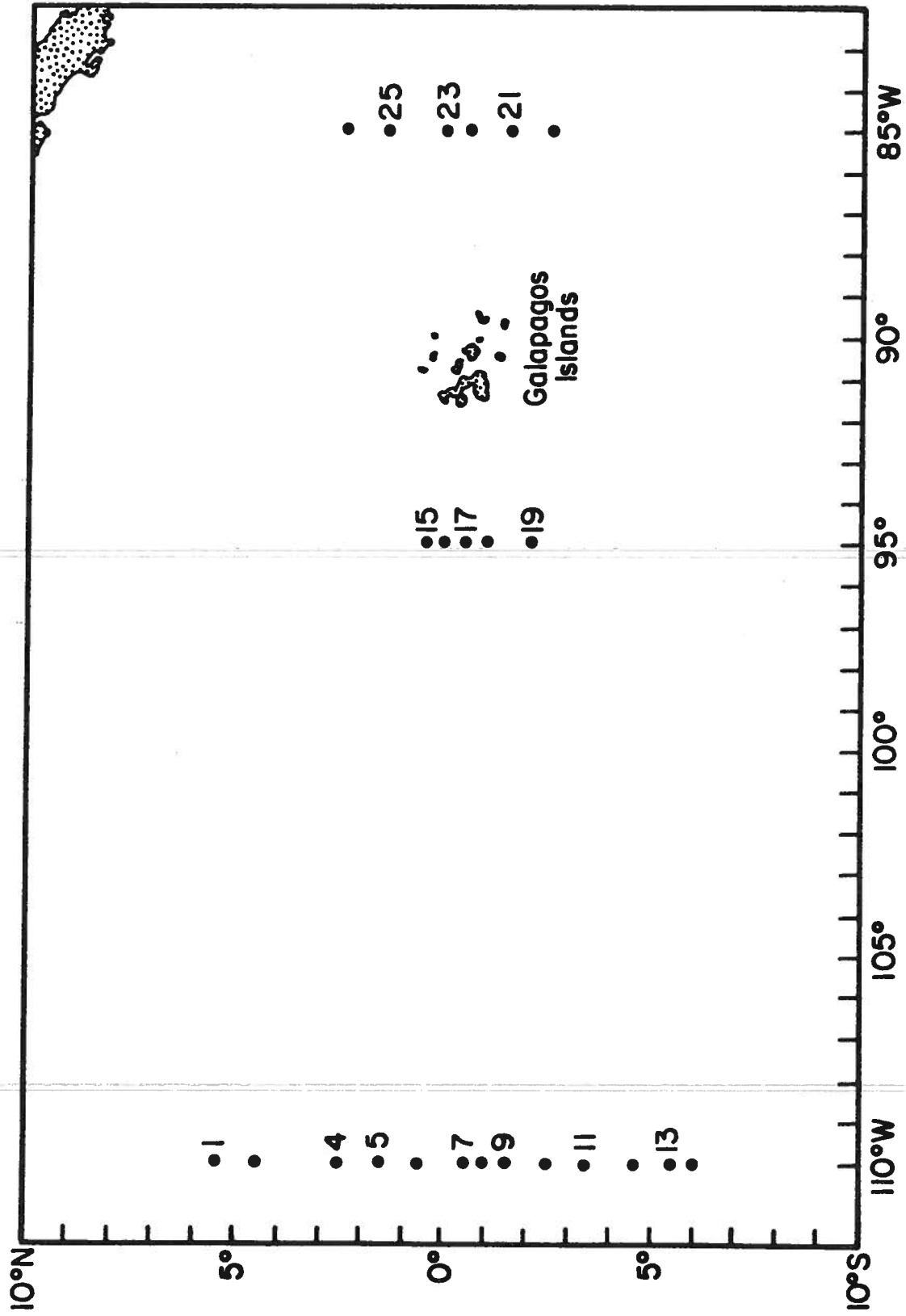
EP2-81-0C PEGASUS 14
 R/V OCEANOGRAPHER DATE 03 15 81 TIME 0139 Z
 LATITUDE 3.977 S LONGITUDE 109.965 W

PRESSURE (DB)	U	V	T
0	-44.7	-2.1	26.5
10	-48.2	2.5	26.3
20	-45.4	14.4	26.5
30	-44.4	7.6	26.0
40	-52.0	-7.1	24.0
50	-46.6	-9.8	22.0
60	-31.8	-13.4	19.0
70	-21.2	-11.4	17.2
80	-18.2	-5.1	16.1
90	-9.6	-3.6	14.3
100	-8.3	-6.3	13.4
110	-9.2	-4.1	13.1
120	-10.1	-4.3	13.0
130	-13.8	-2.9	12.8
140	-14.4	0.1	12.8
150	-12.6	4.2	12.7
160	-16.1	1.5	12.6
170	-24.8	-7.6	12.5
180	-21.6	-5.1	12.4
190	-19.1	-4.7	12.3
200	-15.5	-5.8	12.2
220	-14.7	-10.6	12.1
240	-16.7	-13.4	11.9
260	-15.2	-13.9	11.5
280	-15.8	-12.3	11.1
300	-20.1	-8.4	10.8
320	-23.0	-2.8	10.4
340	-24.1	-0.1	10.1
360	-22.9	-4.0	9.7
380	-21.5	-7.1	9.4
400	-18.0	-3.9	9.0
450	-4.7	-9.6	7.8
500	1.8	-5.5	7.2
550	-0.6	-4.6	6.3
600	6.4	-0.9	5.9
650	1.6	-1.2	5.2
700	-0.5	-2.3	5.2
750	-0.3	2.8	4.9
800	-3.0	3.2	4.7
850	-4.0	7.0	4.4
900	-3.8	8.0	4.2
950	-4.1	3.8	4.0
1000	-6.5	3.2	3.8
1100	-1.2	5.3	3.4
1200	-0.6	6.5	3.0
1300	-1.8	6.4	2.8
1400	0.3	4.6	2.5



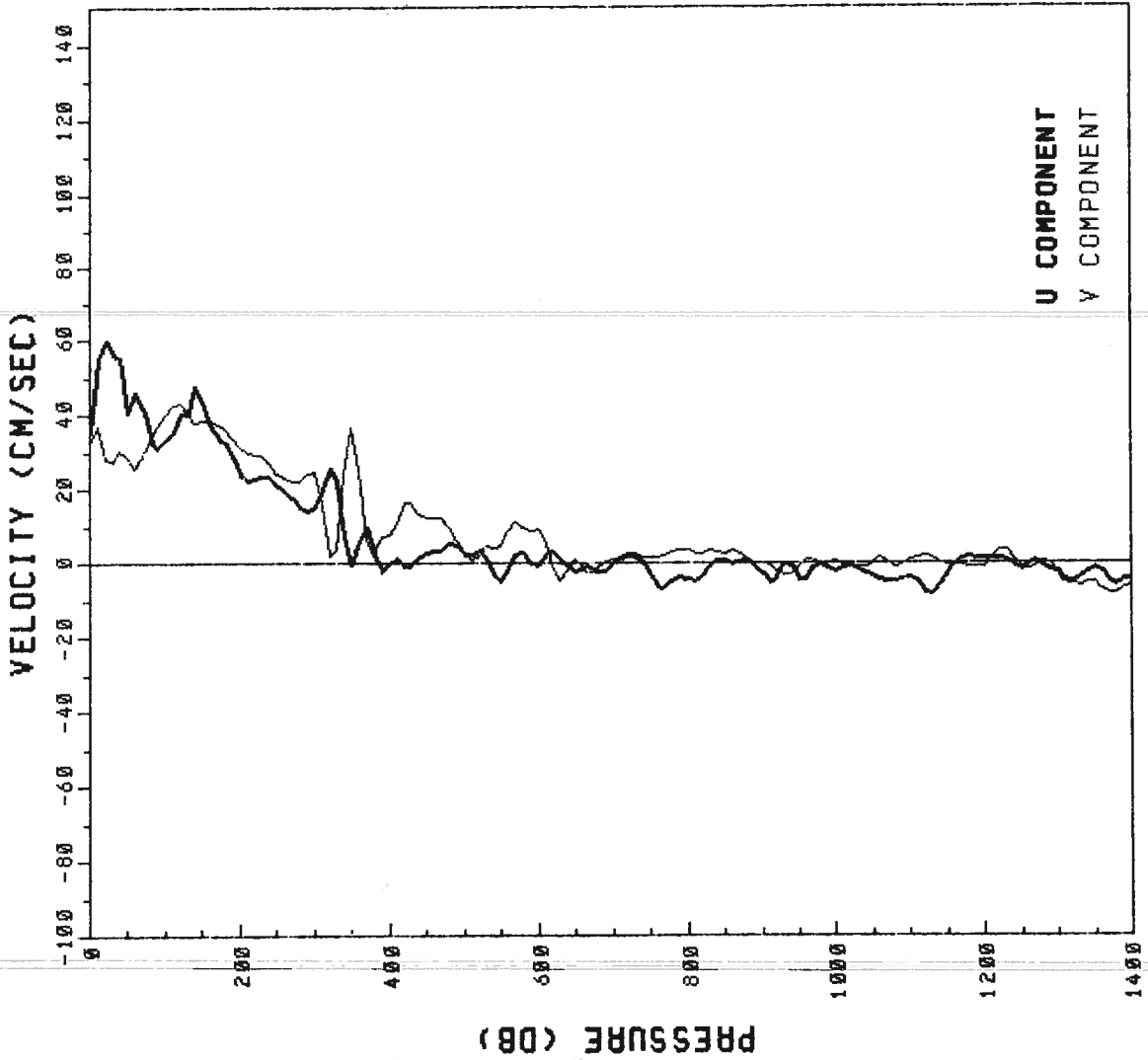
APPENDIX C: EP3-81-OC

PEGASUS STATIONS EP3-81-OC



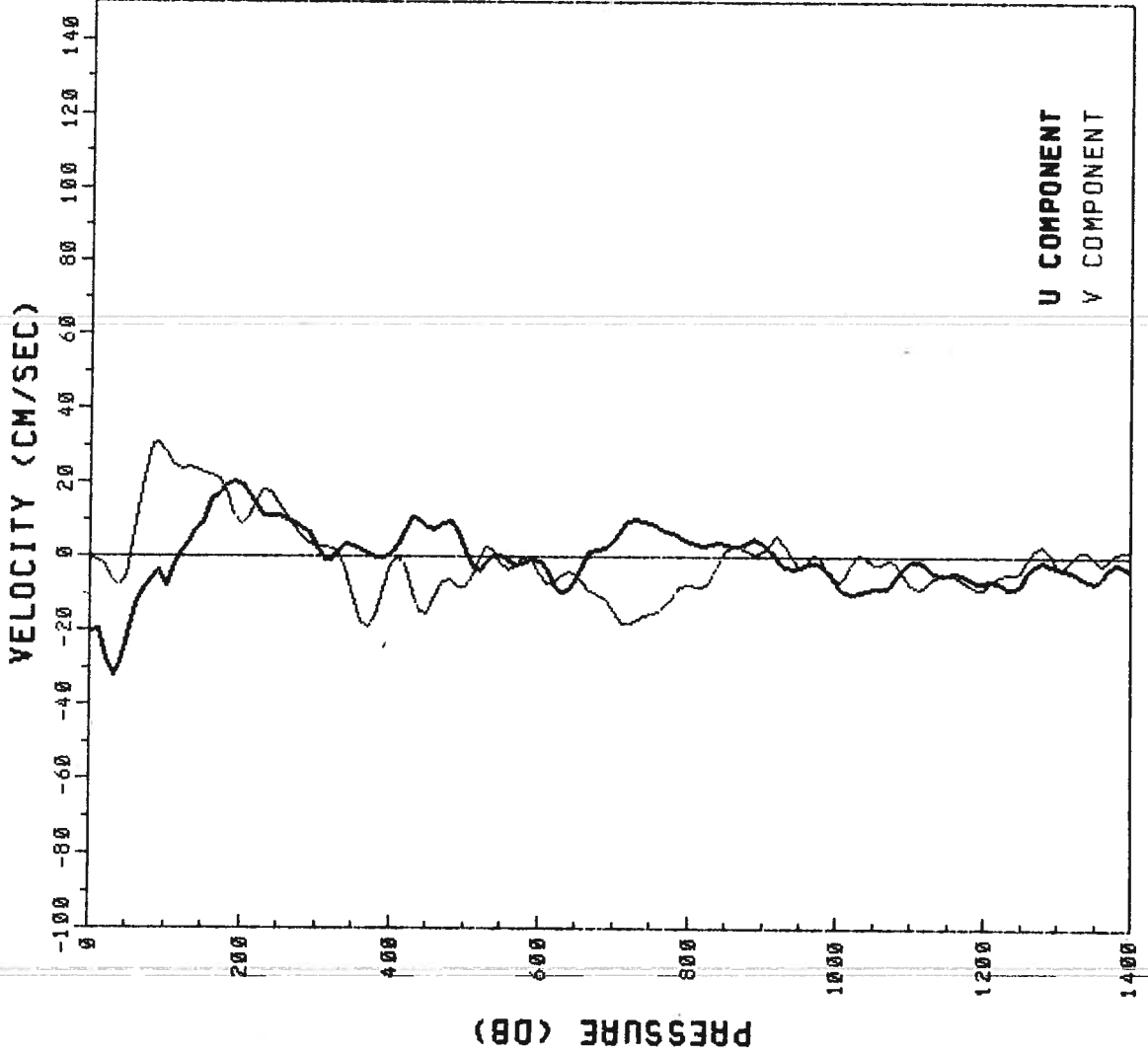
EP3-81-0C PEGASUS 1
 R/V OCEANOGRAPHER DATE 05 21 81 TIME 1138 Z
 LATITUDE 5.487 N LONGITUDE 109.957 W

DEPTH (DB)	U	V	T
0	35.8	33.0	27.9
10	55.4	37.3	27.9
20	60.9	28.7	27.9
30	56.9	27.5	27.9
40	55.9	30.5	27.9
50	41.3	29.1	27.9
60	46.5	26.0	28.0
70	41.1	29.9	25.9
80	33.6	34.4	22.9
90	31.7	37.2	19.9
100	33.7	40.0	17.9
110	35.6	43.1	15.4
120	40.7	43.4	14.1
130	40.8	40.6	13.1
140	47.9	36.3	12.4
150	43.9	38.8	11.9
160	37.7	38.8	11.6
170	34.3	37.9	11.2
180	33.3	36.7	11.1
190	29.5	34.5	11.0
200	24.8	32.1	10.9
220	23.6	29.6	10.6
240	24.1	27.4	10.7
260	20.3	23.7	10.5
280	15.6	22.4	10.3
300	15.7	25.0	10.2
320	26.2	2.6	9.9
340	7.6	24.3	9.8
360	6.5	25.4	9.6
380	3.1	2.9	9.4
400	0.3	0.1	9.1
450	3.7	13.0	8.7
500	3.1	3.6	8.3
550	-4.3	5.2	7.7
600	-0.5	9.3	7.2
650	-1.8	1.1	6.6
700	0.1	1.3	6.2
750	-2.9	1.9	5.8
800	-3.7	4.0	5.6
850	0.9	3.2	5.3
900	-2.1	0.1	5.0
950	-3.6	-0.9	4.9
1000	-2.0	0.6	4.6
1100	-3.4	0.9	4.2
1200	2.3	-0.7	3.9
1300	-1.9	-2.4	3.6
1400	-3.8	-5.6	3.3



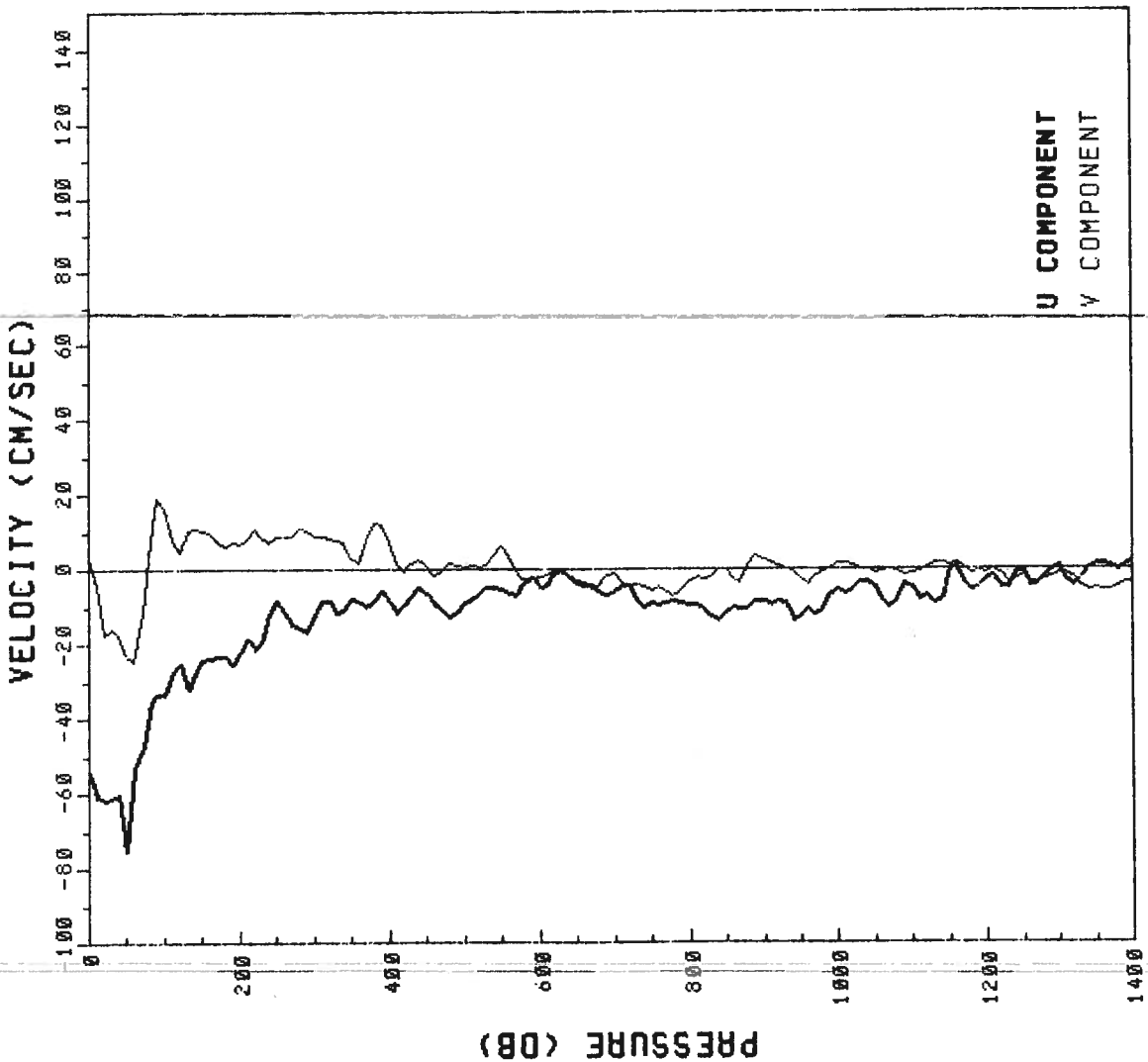
U COMPONENT
 V COMPONENT

EP3-81-0C PEGASUS 2
 R/V OCEANOGRAPHER DATE 06 01 81 TIME 0239 Z
 LATITUDE 4.500 N LONGITUDE 109.938 W



PRESSURE	U	V	T
0	-19.7	-0.2	27.7
10	-19.4	-0.8	27.7
20	-27.4	-2.5	27.6
30	-32.1	-6.0	27.5
40	-28.8	-8.2	27.4
50	-21.5	-4.8	26.8
60	-13.2	6.8	25.2
70	-8.2	21.1	22.7
80	-5.0	30.2	19.0
90	-3.3	31.5	17.2
100	-7.8	28.6	16.4
110	-1.9	25.0	15.2
120	1.7	24.0	14.6
130	4.8	24.4	14.2
140	7.6	24.0	14.0
150	9.5	23.1	13.8
160	15.9	22.4	13.6
170	17.9	21.8	13.4
180	19.8	18.0	13.2
190	20.7	12.1	13.1
200	19.6	8.9	13.0
220	14.0	15.5	12.8
240	11.5	17.5	12.5
260	10.3	11.5	12.4
280	8.6	6.2	12.1
300	2.8	3.2	11.9
320	-0.2	2.8	11.5
340	4.1	-3.2	10.8
360	2.4	-17.1	10.5
380	0.3	-15.6	10.2
400	1.1	-1.9	10.0
450	8.4	-14.8	9.2
500	1.7	-8.3	8.6
550	0.5	-1.7	8.1
600	-1.0	-4.0	7.4
650	-5.1	-4.5	7.0
700	5.0	-14.4	6.5
750	9.3	-14.8	6.1
800	4.8	-7.0	5.8
850	3.9	1.5	5.6
900	4.3	1.5	5.3
950	-2.3	-2.9	5.0
1000	-6.8	-6.9	4.8
1100	-9.7	-7.3	4.4
1200	-6.0	-8.5	4.1
1300	-2.4	-2.2	3.7
1400	-3.1	1.5	3.4

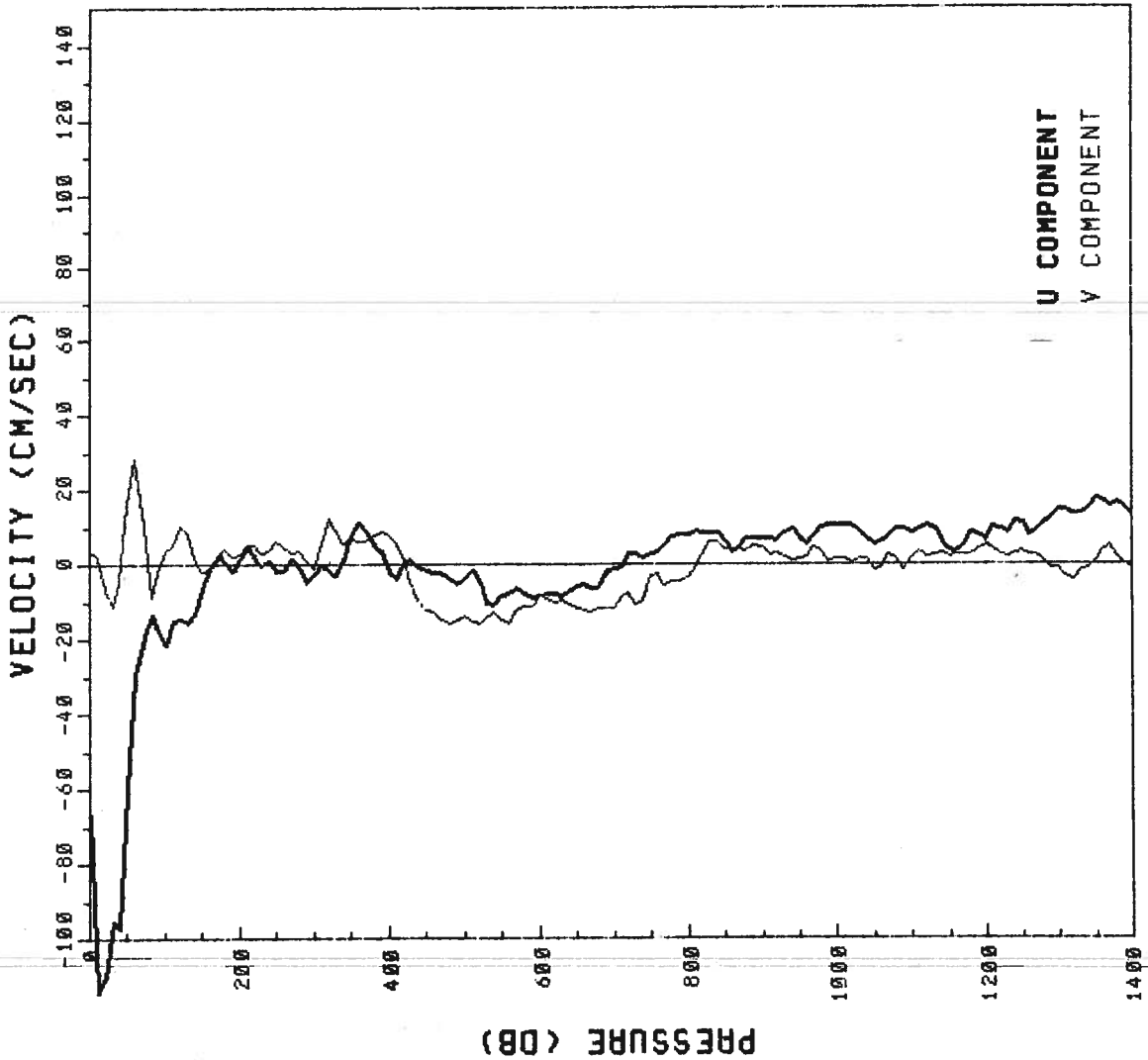
EP3-81-0C PEGASUS 4
 R/V OCEANOGRAPHER DATE 06 02 81 TIME 0946 Z
 LATITUDE 2.500 N LONGITUDE 110.000 W



PRESSURE	U	V	T
0	-54.1	3.5	26.5
10	-60.6	-3.7	26.5
20	-61.6	-16.7	26.5
30	-61.1	-15.6	26.5
40	-59.9	-16.7	26.5
50	-74.8	-22.9	26.5
60	-53.0	-24.4	26.3
70	-46.6	-10.9	23.1
80	-35.1	8.1	17.8
90	-32.8	19.0	16.3
100	-33.1	16.9	15.6
110	-26.7	7.9	14.7
120	-24.5	5.1	14.2
130	-31.9	10.2	14.0
140	-27.7	10.8	13.9
150	-23.6	10.2	13.7
160	-23.1	10.1	13.5
170	-22.6	7.6	13.4
180	-23.0	6.4	13.2
190	-25.1	7.4	13.1
200	-21.8	7.2	13.0
220	-20.9	10.8	12.8
240	-11.4	7.3	12.5
260	-10.9	9.1	12.2
280	-15.1	10.7	11.8
300	-12.1	8.8	11.5
320	-8.0	8.5	11.2
340	-10.7	7.5	10.6
360	-7.6	2.3	10.4
380	-7.5	13.1	10.0
400	-8.4	7.6	9.6
450	-5.8	1.1	8.8
500	-8.4	0.5	7.8
550	-4.8	6.6	7.2
600	-4.1	-2.0	6.7
650	-3.1	-2.9	6.4
700	-5.4	-0.3	6.2
750	-8.6	-5.3	5.8
800	-9.2	-2.9	5.5
850	-11.2	0.2	5.1
900	-7.7	2.9	4.9
950	-12.0	-2.1	4.8
1000	-4.6	1.4	4.6
1100	-4.9	4.1	4.1
1200	-2.1	-0.6	3.8
1300	1.2	-0.9	3.5
1400	3.1	-3.3	3.2

U COMPONENT
 V COMPONENT

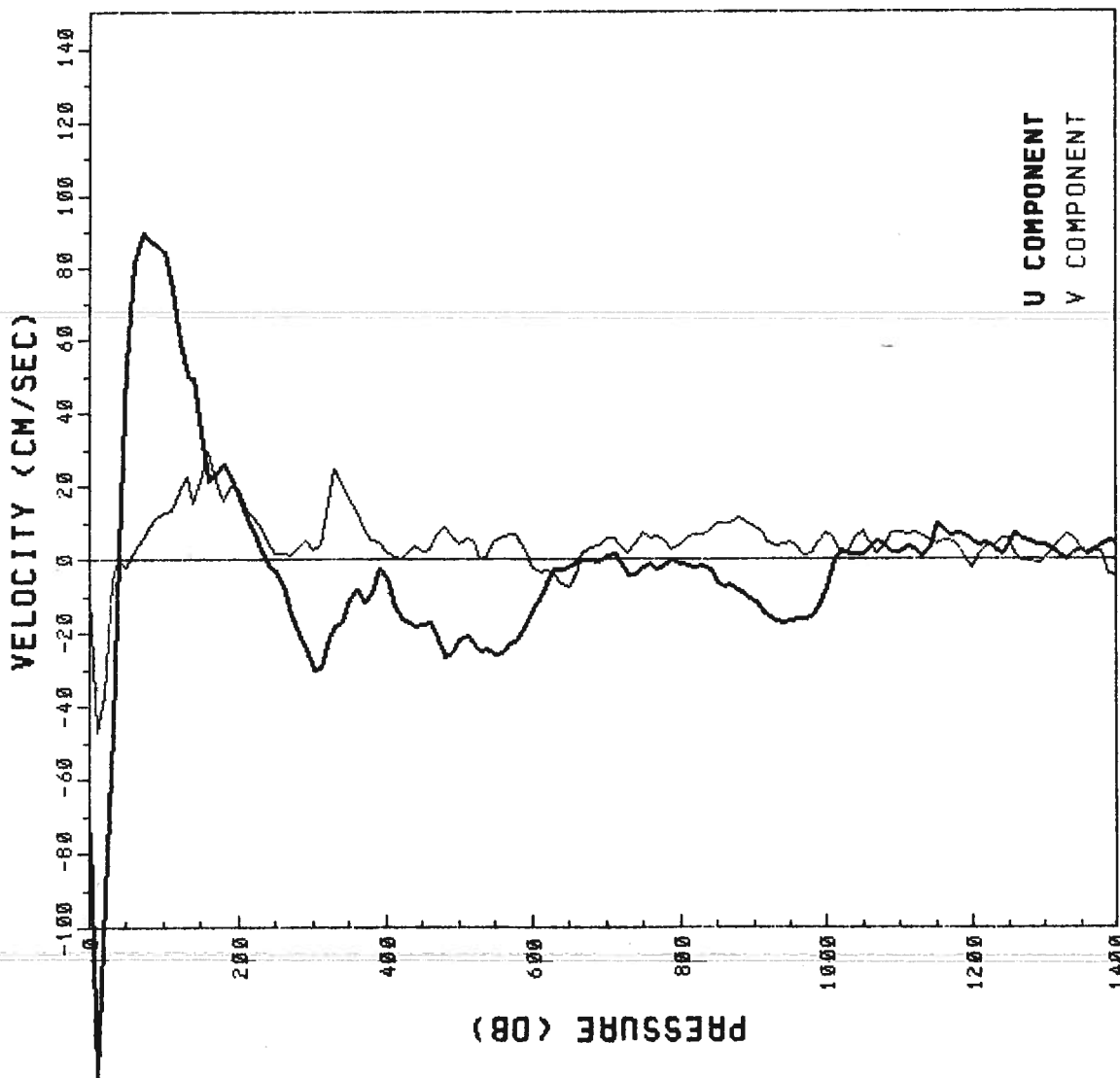
EP3-81-0C PEGASUS 5
 R/V OCEANOGRAPHER DATE 06 03 81 TIME 0653 Z
 LATITUDE 1.500 N LONGITUDE 110.000 W



PRESSURE	U	V	T
0	-66.5	4.1	26.3
10	-113.9	2.6	26.3
20	-110.1	-6.2	26.3
30	-95.0	-11.0	26.3
40	-97.4	-4.3	26.3
50	-59.9	16.2	23.0
60	-29.6	28.7	19.2
70	-19.0	10.5	17.6
80	-12.8	-8.8	16.2
90	-17.6	-1.7	15.3
100	-21.1	4.3	14.4
110	-14.6	5.3	14.0
120	-13.8	10.3	13.8
130	-15.2	8.6	13.6
140	-12.9	2.6	13.6
150	-6.1	-1.8	13.1
160	-0.7	-1.1	13.0
170	3.0	3.3	12.8
180	0.6	4.8	12.7
190	-1.7	2.6	12.6
200	2.0	2.9	12.5
220	1.9	5.4	12.4
240	1.3	4.3	12.4
260	-1.3	5.1	12.2
280	-0.6	4.2	11.9
300	-2.4	-1.0	11.7
320	-1.5	12.8	11.0
340	1.2	6.1	10.5
360	11.5	6.7	10.3
380	6.2	7.8	10.0
400	-1.8	8.1	9.5
450	-11.9	-11.9	8.3
500	-3.2	-13.6	7.9
550	-8.3	-14.7	7.3
600	-8.1	-8.7	6.9
650	-5.2	-11.4	6.5
700	-0.8	-11.5	6.1
750	3.7	-2.7	5.6
800	8.7	-3.2	5.2
850	6.5	4.6	5.0
900	7.4	4.9	4.8
950	7.3	1.6	4.7
1000	10.7	2.0	4.6
1100	8.9	1.9	4.2
1200	7.0	5.7	3.7
1300	15.5	-0.6	3.4
1400	13.8	-0.9	3.1

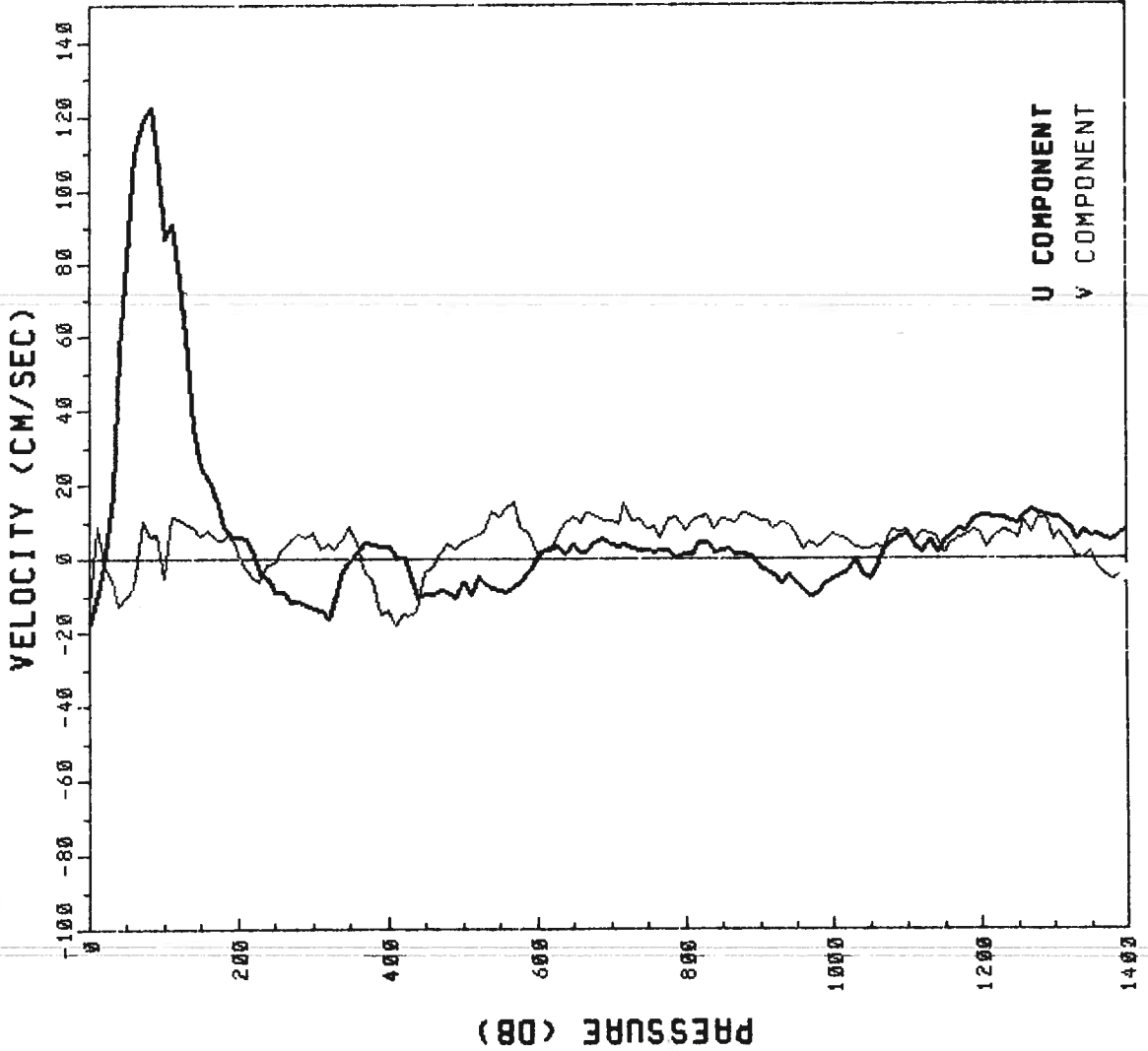
EP3-81-0C PEGASUS 6
 R/V OCEANOGRAPHER DATE 06 03 81 TIME 2304 Z
 LATITUDE 0.500 N LONGITUDE 110.000 W

PRESSURE (DB)	U	V	T
0	-73.9	-8.9	26.0
10	-141.1	-46.7	26.0
20	-91.4	-36.5	25.4
30	-45.6	-5.4	23.7
40	2.8	-0.5	21.5
50	53.8	-2.0	19.3
60	81.9	1.8	17.3
70	90.1	6.1	16.1
80	87.5	9.6	15.5
90	86.4	11.7	15.4
100	84.6	13.2	15.1
110	74.2	13.6	14.8
120	59.7	18.9	14.4
130	50.6	22.9	13.9
140	50.1	15.7	13.7
150	35.1	22.1	13.2
160	22.3	29.5	12.8
170	24.7	20.4	12.8
180	26.5	16.4	12.8
190	22.5	20.4	12.8
200	16.7	19.1	12.7
220	7.5	11.4	12.6
240	-0.7	5.0	12.5
260	-6.8	1.4	12.4
280	-20.1	3.4	12.2
300	-29.5	3.2	11.9
320	-21.3	15.9	11.5
340	-16.2	21.8	10.9
360	-8.0	14.0	10.4
380	-9.1	5.4	9.7
400	-4.9	2.5	9.5
450	-16.7	2.4	8.9
500	-21.1	4.5	8.1
550	-25.4	5.5	7.7
600	-12.8	-2.3	7.0
650	-1.9	-7.3	6.5
700	1.2	5.9	6.0
750	-1.9	7.3	5.4
800	-0.7	4.6	5.3
850	-5.6	10.0	5.1
900	-11.2	8.9	5.0
950	-16.0	5.0	4.7
1000	-7.3	7.6	4.4
1100	2.6	4.1	4.1
1200	5.4	-2.5	3.7
1300	4.4	-0.1	3.5
1400	5.0	-4.4	3.2



U COMPONENT
 V COMPONENT

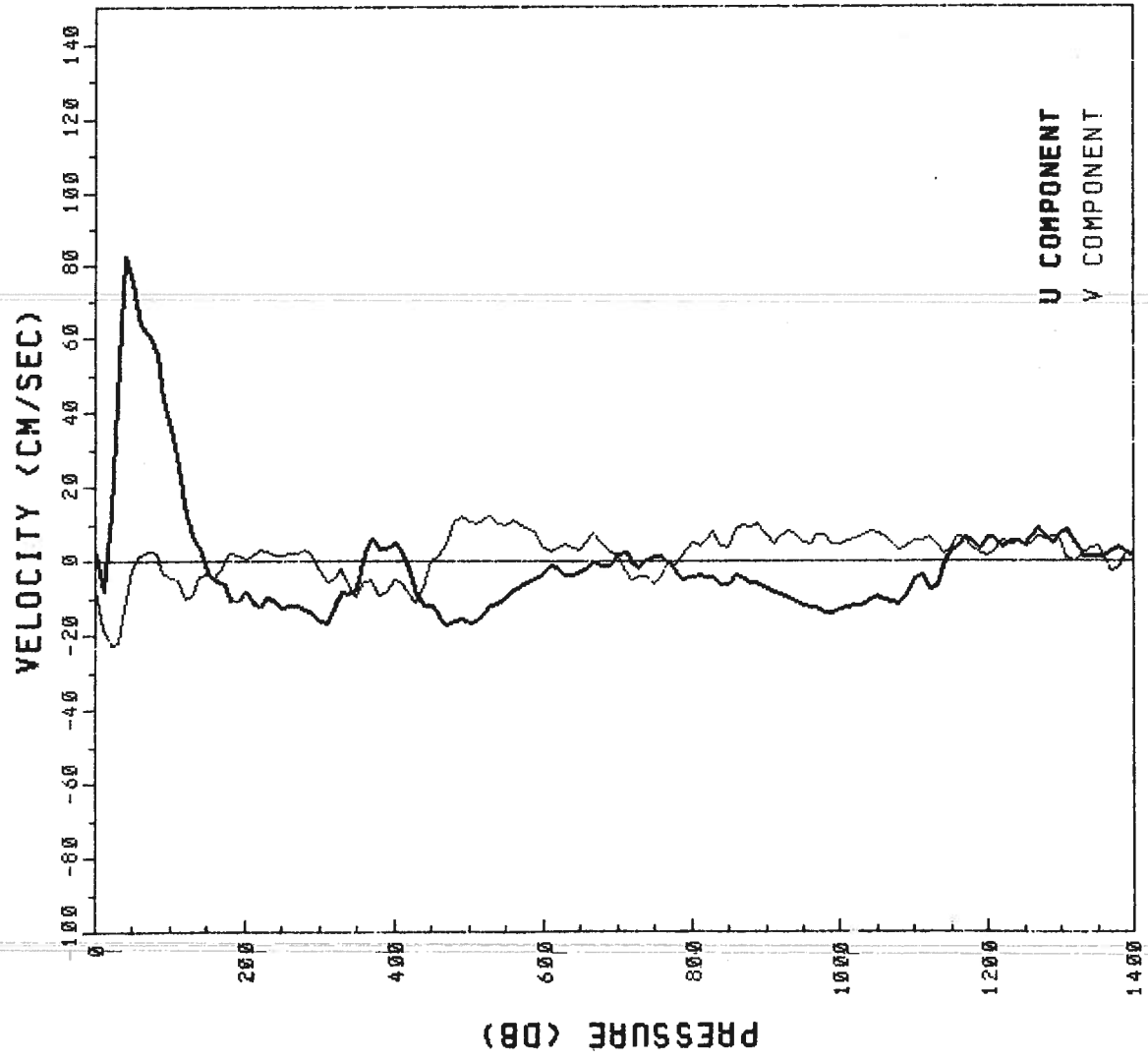
EP3-81-0C PEGASUS 7
 R/V OCEANOGRAPHER DATE 06 04 81 TIME 1442 Z
 LATITUDE 0.503 S LONGITUDE 110.003 W



W	U	V	T
10	-17.1	-12.3	23.5
20	-9.3	-9.1	23.5
30	0.9	-1.4	23.4
40	17.9	-5.1	22.9
50	56.3	-12.7	21.5
60	81.9	-10.3	20.9
70	110.0	-7.1	20.4
80	118.9	0.4	18.8
90	122.3	6.7	17.4
100	110.4	7.0	16.3
110	86.4	-4.7	15.8
120	91.1	11.9	15.1
130	75.7	11.1	14.8
140	55.0	9.4	14.4
150	35.7	9.1	13.7
160	25.3	6.5	13.2
170	22.2	7.9	12.9
180	15.5	5.5	12.7
190	9.1	5.5	12.6
200	6.7	7.4	12.6
220	1.1	2.0	12.5
240	-4.9	-4.6	12.4
260	-8.8	-1.2	12.3
280	-11.2	3.2	12.2
300	-12.9	7.1	12.1
320	-15.8	7.6	11.8
340	-2.9	4.7	11.2
360	2.6	5.4	10.6
380	4.6	5.2	10.1
400	4.3	-5.4	9.7
450	-9.1	-13.5	9.1
500	-5.9	-3.1	8.1
550	-8.3	5.0	7.8
600	0.7	11.7	7.4
650	4.5	2.3	6.6
700	4.6	11.9	6.3
750	3.1	10.5	6.0
800	1.5	8.3	5.8
850	3.3	8.2	5.6
900	-1.7	11.1	5.1
950	-5.6	10.2	4.9
1000	-4.5	7.1	4.7
1100	6.8	7.1	4.5
1200	12.6	7.9	4.1
1300	11.4	7.0	3.7
1400	8.7	5.5	3.4
		-6.6	3.1

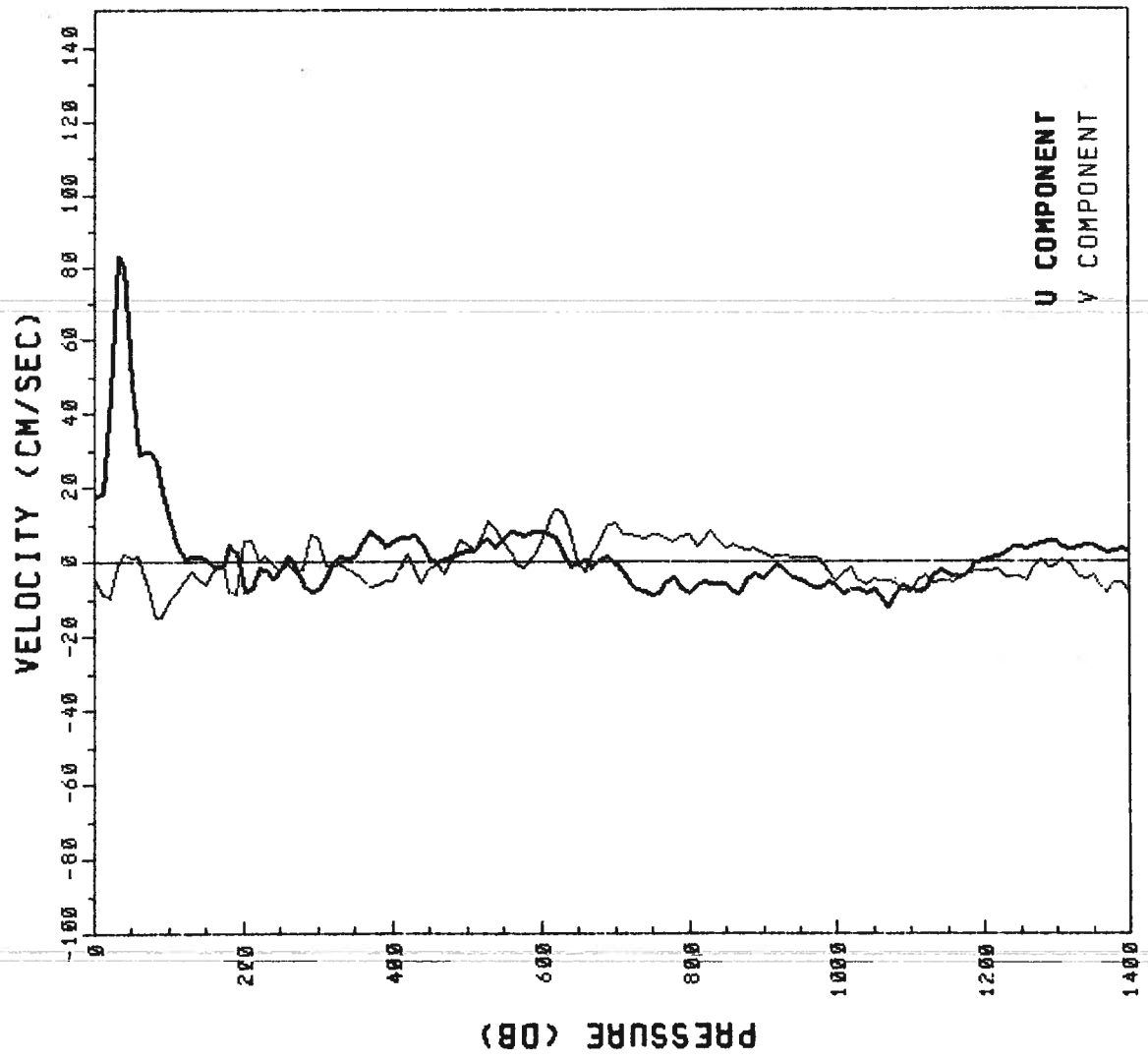
EP3-81-DC PEGASUS 8
 R/V OCEANOGRAPHER DATE 06 05 81 TIME 0113 Z
 LATITUDE 1.025 S LONGITUDE 109.920 W

U	V	T
2.6	-7.2	24.0
-8.3	-17.2	23.9
13.8	-22.3	23.5
54.1	-21.8	22.7
82.8	-12.4	22.3
75.6	-1.9	22.3
64.2	1.7	22.0
61.0	3.2	20.1
55.8	2.4	18.8
44.0	-3.0	17.5
36.2	-4.4	16.7
26.0	-4.9	15.5
12.7	-10.1	14.6
6.1	-8.8	13.8
4.0	-3.7	13.1
-2.1	-3.4	12.7
-4.4	-4.3	12.5
-5.8	-0.8	12.4
-10.2	2.7	12.4
-10.8	1.5	12.4
-8.1	0.6	12.3
-12.0	3.5	12.3
-10.3	1.8	12.2
-11.8	2.4	12.0
-12.5	3.7	11.9
-15.4	-2.2	11.6
-11.7	-4.2	11.0
-2.7	-6.2	10.4
4.0	-5.0	9.4
5.4	-4.5	8.9
-11.5	0.4	8.2
-15.9	10.8	7.7
-9.6	10.1	7.4
-2.8	4.2	6.8
-2.5	3.5	6.6
2.6	1.5	6.1
1.9	-5.8	5.6
-3.7	5.6	5.1
-5.6	4.3	4.8
-6.9	7.7	4.7
-11.6	5.2	4.5
-12.7	-11.6	4.4
-4.1	5.9	4.0
7.2	1.4	3.7
7.9	6.0	3.3
2.0	1.6	3.0



U COMPONENT
 V COMPONENT

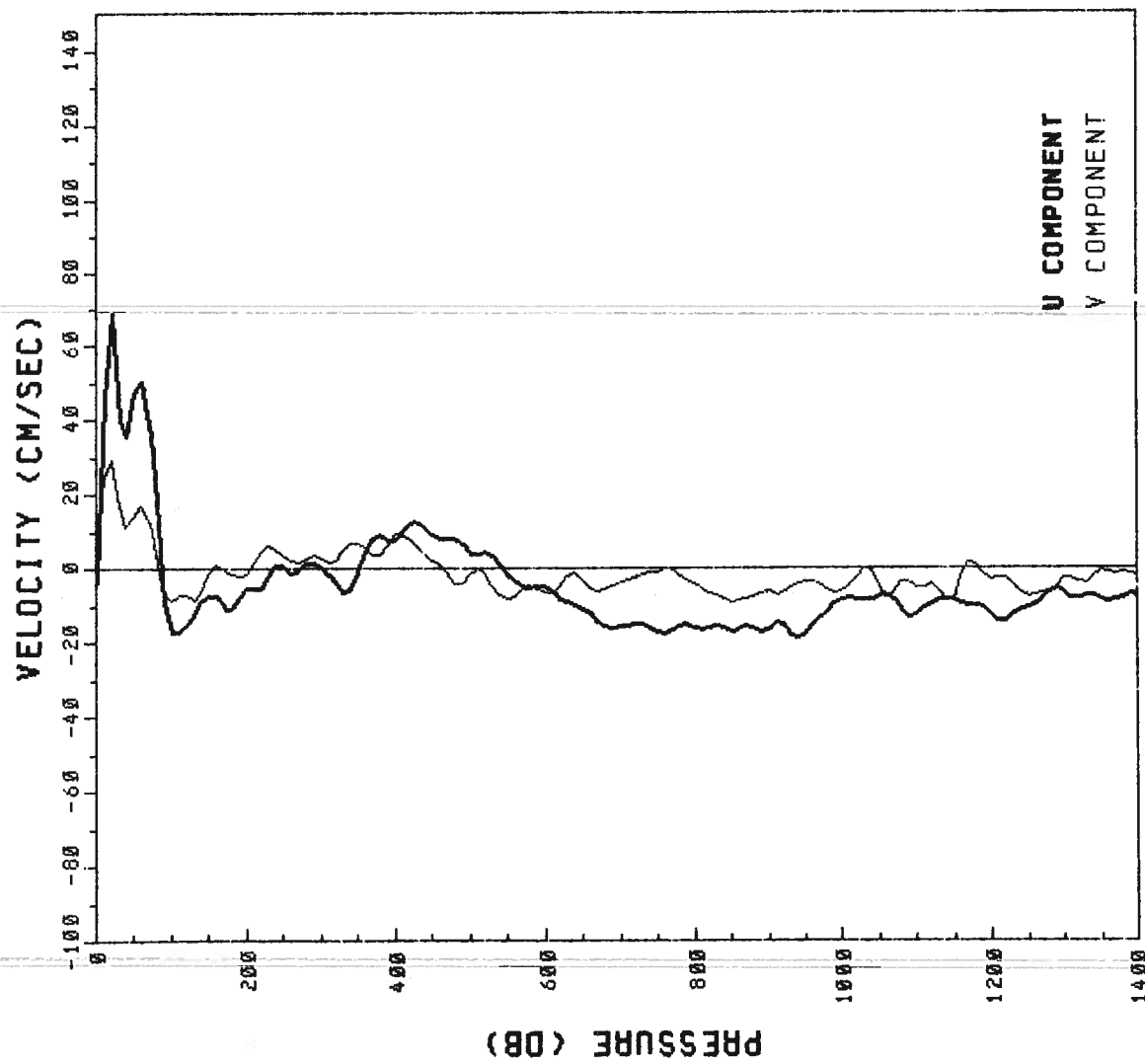
EP3-81-0C PEGASUS 9
 R/V OCEANOGRAPHER DATE 06 05 81 TIME 1058 Z
 LATITUDE 1.495 S LONGITUDE 109.998 W



PRESSURE	U	V	T
0	18.1	-3.9	23.8
10	18.6	-8.5	23.8
20	45.5	-9.4	23.6
30	83.4	-1.3	23.3
40	80.9	2.5	23.2
50	48.7	0.9	23.1
60	29.6	1.5	20.0
70	30.1	-6.0	17.4
80	27.3	-14.7	15.5
90	19.2	-14.4	14.6
100	10.9	-10.0	13.9
110	4.8	-7.9	13.4
120	1.3	-4.9	13.0
130	1.8	-2.4	12.7
140	2.1	-4.1	12.4
150	1.2	-5.6	12.3
160	-0.8	-2.1	12.3
170	-0.6	-0.2	12.3
180	5.1	-8.0	12.3
190	3.0	-8.5	12.3
200	-7.0	6.1	12.2
220	-1.1	0.4	12.1
240	-4.0	-0.2	12.1
260	1.6	-0.4	11.9
280	-5.6	-1.6	11.7
300	-6.5	6.3	11.4
320	0.1	-0.8	10.9
340	1.0	-1.9	10.5
360	5.6	-4.1	9.7
380	6.9	-5.7	9.2
400	6.0	-4.8	8.9
450	1.3	-1.6	8.3
500	3.8	5.1	7.9
550	6.4	5.4	7.4
600	8.5	5.7	7.1
650	0.0	-0.2	6.6
700	-0.4	10.5	5.9
750	-8.4	7.4	5.6
800	-7.8	7.6	5.3
850	-5.1	4.3	5.1
900	-3.5	2.4	4.9
950	-4.3	1.3	4.6
1000	-5.6	-4.9	4.4
1100	-6.9	-7.6	4.0
1200	0.5	-2.3	3.7
1300	5.8	-1.0	3.3
1400	3.2	-7.5	3.0

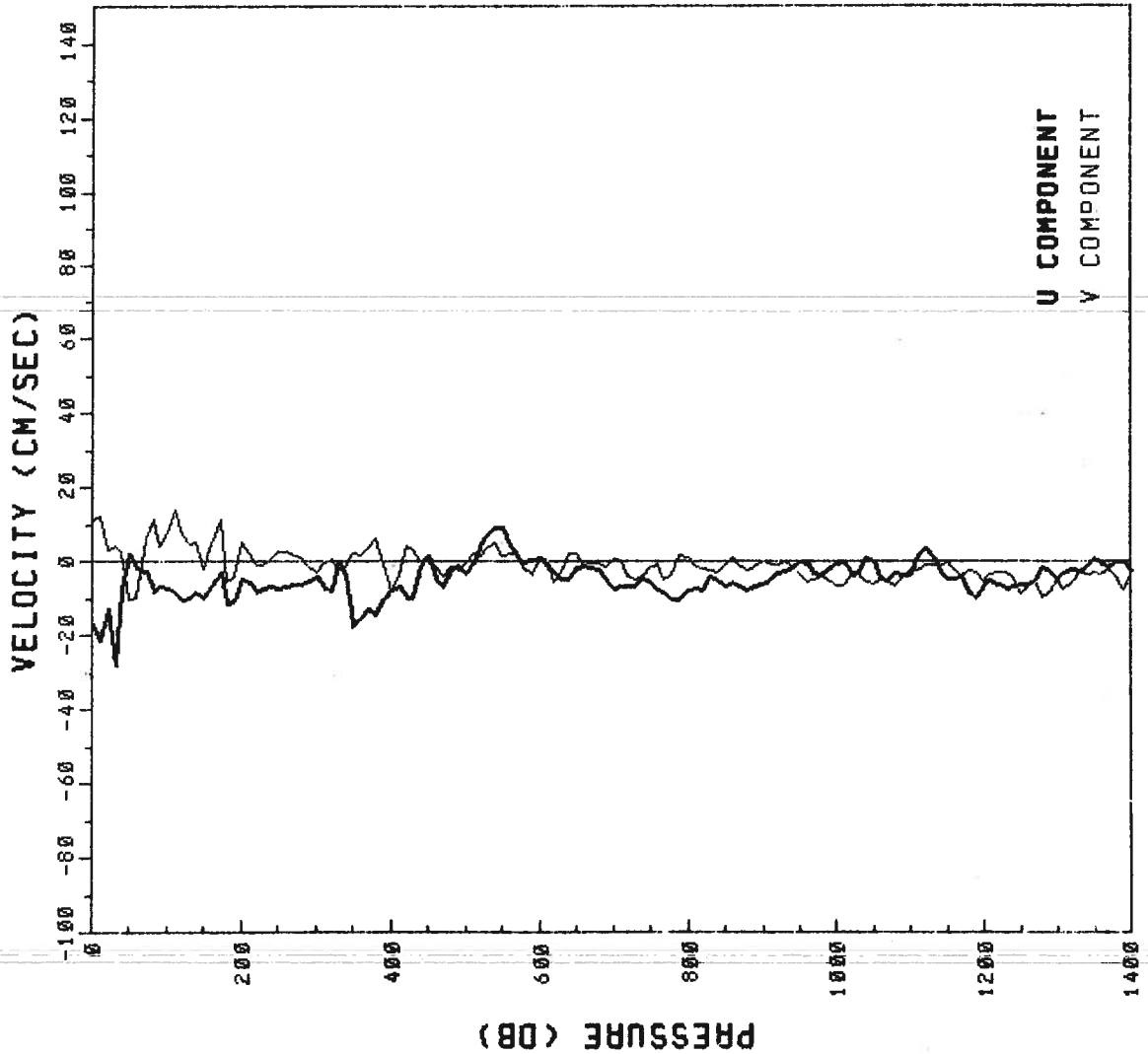
EP3-81-0C PEGASUS 10
 R/V OCEANOGRAPHER DATE 06 06 81 TIME 0210 Z
 LATITUDE 2.508 S LONGITUDE 109.952 W

DEPTH (DB)	U	V	T
10	-3.2	6.9	24.7
20	46.2	25.1	24.7
30	69.1	29.3	24.6
40	40.1	17.4	24.5
50	35.6	12.1	24.5
60	50.8	17.1	24.2
70	36.2	12.8	22.9
80	12.5	2.1	19.6
90	-9.1	-6.6	17.3
100	-16.2	-8.5	16.0
110	-16.2	-6.5	14.8
120	-14.4	-6.7	14.2
130	-11.6	-8.5	13.8
140	-8.4	-6.2	13.6
150	-6.5	-1.1	13.4
160	-6.7	1.0	13.3
170	-10.6	-0.3	13.2
180	-10.4	-1.4	13.1
190	-7.0	-1.8	13.0
200	-4.7	-1.2	12.8
220	-4.5	4.9	12.7
240	1.2	5.4	12.6
260	-0.6	2.7	12.4
280	1.8	2.9	12.2
300	0.5	3.3	11.9
320	-3.5	2.6	11.6
340	-5.2	2.6	11.3
360	4.2	6.0	11.0
380	9.2	3.9	10.6
400	8.2	9.2	10.3
450	9.4	2.7	9.9
500	4.8	2.7	9.1
550	-1.3	-8.0	8.4
600	-4.4	-6.3	7.7
650	-10.7	-6.3	7.2
700	-15.2	-3.2	6.7
750	-16.4	-3.2	6.2
800	-15.3	-0.8	5.8
850	-16.3	-3.6	5.5
900	-15.8	-9.0	5.2
950	-16.8	-5.8	4.9
1000	-7.7	-3.4	4.7
1100	-12.2	-5.5	4.5
1200	-12.2	-4.9	4.1
1300	-5.9	-2.7	3.8
1400	-6.8	-2.5	3.5
		-1.7	3.2



U COMPONENT
 V COMPONENT

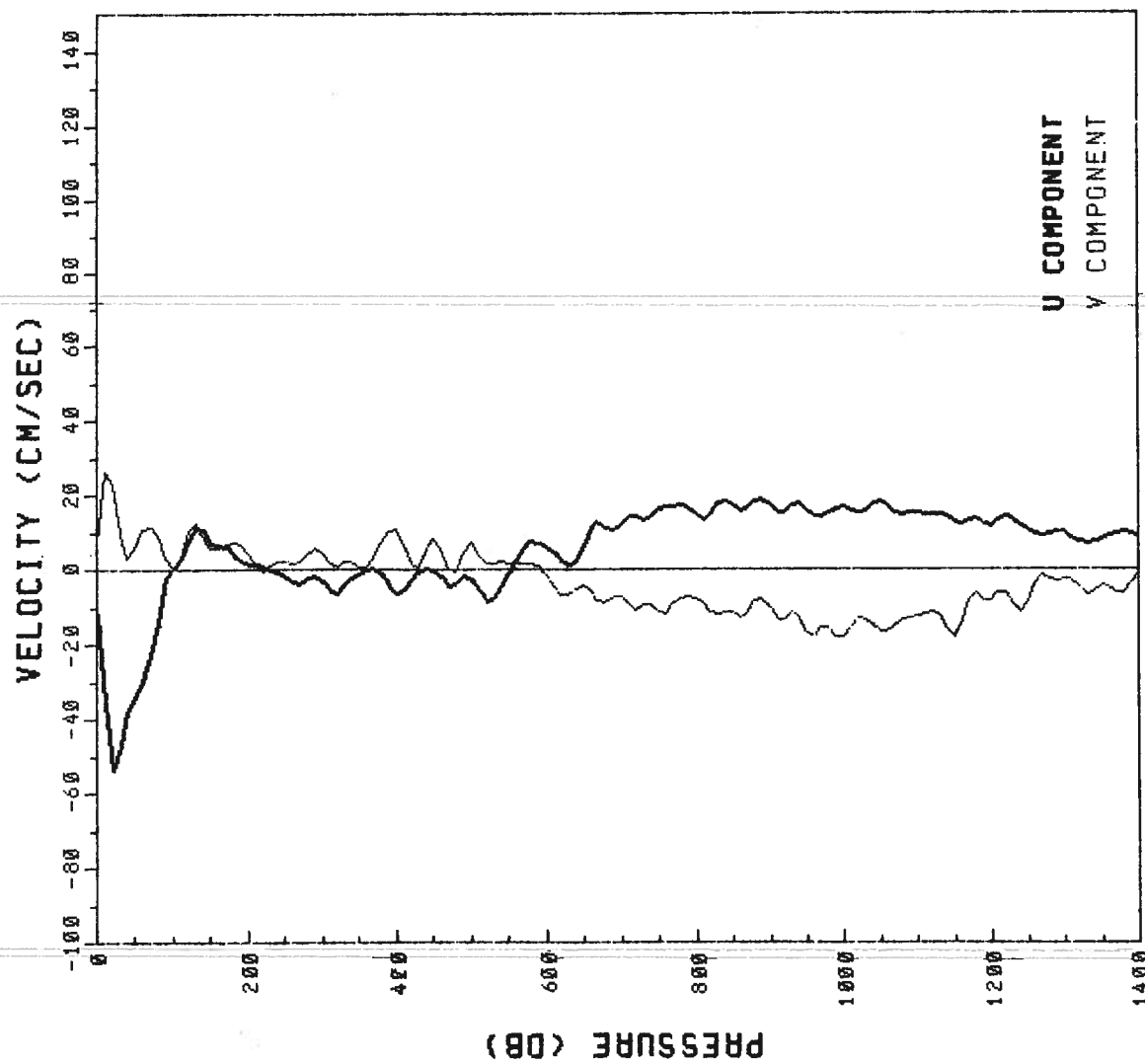
EP3-81-0C PEGASUS 11
 R/V OCEANOGRAPHER DATE 06 06 81 TIME 1617 Z
 LATITUDE 3.475 S LONGITUDE 110.055 W



PRESSURE	U	V	T
0	-16.3	11.4	25.5
10	-21.2	12.8	25.5
20	-12.3	3.5	25.5
30	-28.0	4.5	25.5
40	-7.0	3.1	25.5
50	2.6	-9.9	22.2
60	-1.2	-9.5	17.2
70	-2.2	6.3	15.7
80	-8.1	11.2	15.1
90	-6.4	4.5	14.9
100	-6.9	7.9	14.4
110	-8.3	14.4	14.3
120	-10.1	7.5	14.0
130	-9.7	5.0	13.8
140	-8.2	5.3	13.6
150	-9.6	-1.8	13.5
160	-6.2	4.9	13.3
170	-3.0	11.3	13.2
180	-10.9	-5.1	13.1
190	-10.7	-3.6	13.0
200	-4.3	5.5	12.9
220	-7.5	-0.7	12.8
240	-6.0	0.8	12.6
260	-6.1	3.1	12.4
280	-5.6	1.0	12.3
300	-3.7	-2.7	12.1
320	-7.3	0.6	11.8
340	-3.4	-1.1	11.5
360	-14.8	1.9	11.1
380	-13.9	6.3	10.7
400	-7.0	-7.8	10.3
450	1.8	1.0	8.8
500	-3.0	-0.4	7.8
550	9.5	2.1	7.0
600	1.0	1.2	6.5
650	-1.5	2.7	6.1
700	-6.8	0.5	5.8
750	-5.0	-1.2	5.4
800	-7.1	0.9	5.2
850	-6.2	-0.7	4.9
900	-5.0	0.1	4.6
950	0.1	-3.4	4.4
1000	-0.4	-6.3	4.4
1100	-3.1	-2.2	4.0
1200	-6.1	-5.0	3.7
1300	-4.2	-4.5	3.5
1400	-2.1	-3.6	3.1

EP3-81-0C PEGASUS 12
 R/V OCEANOGRAPHER DATE 06 07 81 TIME 0706 Z
 LATITUDE 4.533 S LONGITUDE 109.950 W

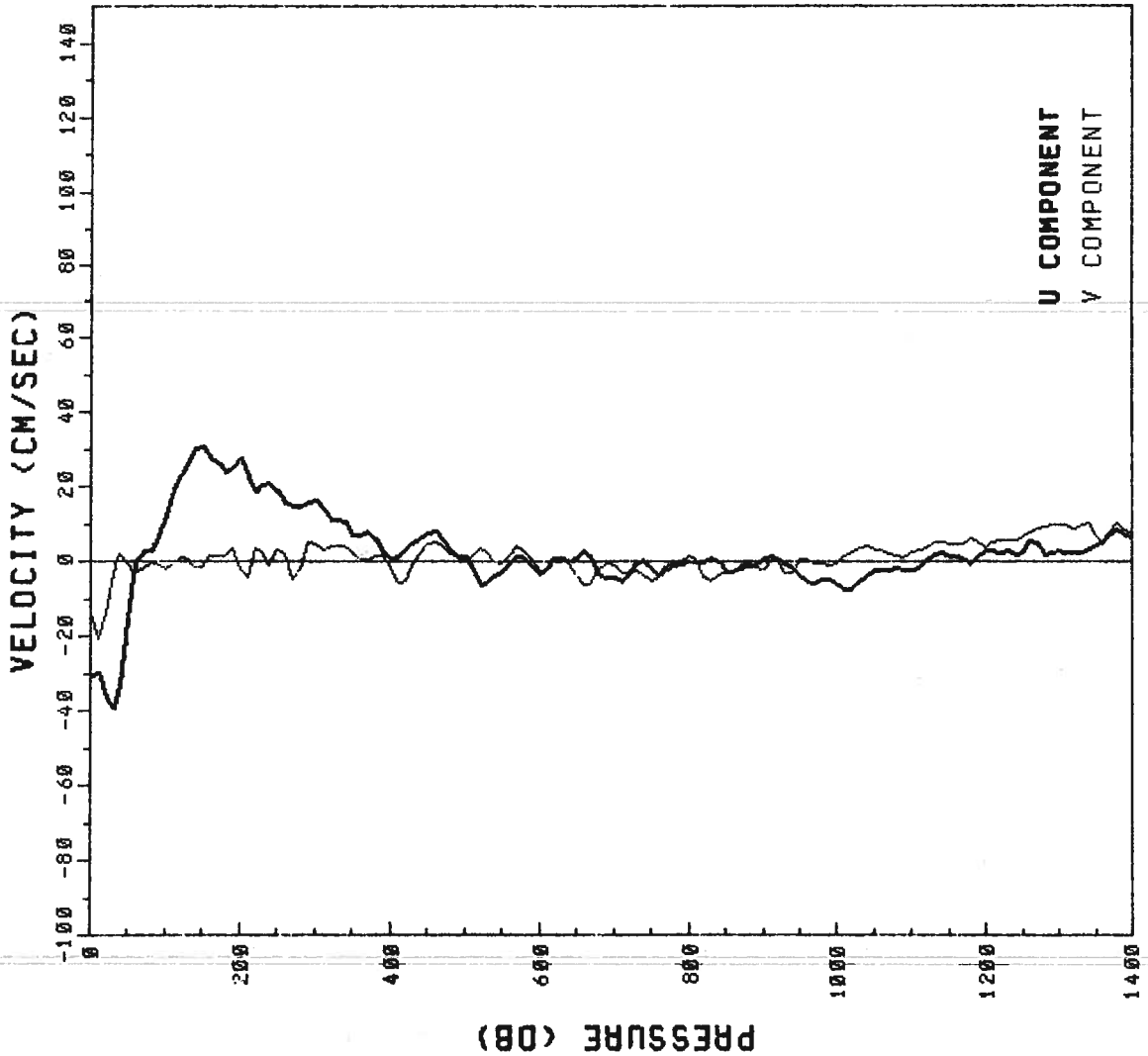
PRESSURE (DB)	U	V	T
0	-11.7	7.4	25.6
10	-35.0	26.6	25.6
20	-53.6	23.5	25.5
30	-46.8	9.9	25.4
40	-37.8	3.6	25.0
50	-34.0	6.2	23.1
60	-29.5	11.0	20.2
70	-20.9	12.0	18.1
80	-11.1	8.4	16.6
90	-2.0	3.4	15.6
100	0.7	0.7	14.9
110	3.6	3.6	14.5
120	8.6	10.2	14.2
130	12.0	13.0	13.7
140	10.8	9.6	13.4
150	7.5	5.9	13.2
160	7.2	5.9	13.0
170	6.4	6.8	12.9
180	4.5	7.4	12.8
190	2.9	7.2	12.7
200	2.3	4.0	12.6
220	1.3	-0.1	12.4
240	-0.5	2.7	12.3
260	-3.0	2.0	12.1
280	-2.0	4.4	12.0
300	-2.7	4.6	11.8
320	-5.6	0.8	11.6
340	-1.7	2.8	11.2
360	0.0	0.6	10.9
380	-0.6	7.4	10.7
400	-5.7	10.8	10.4
450	0.1	8.4	9.4
500	-2.2	7.4	8.4
550	-0.7	2.2	7.8
600	6.5	-1.4	7.1
650	6.5	-3.8	6.6
700	12.8	-6.8	6.0
750	16.8	-11.3	5.6
800	15.2	-7.1	5.3
850	17.7	-11.3	5.1
900	17.8	-10.0	4.8
950	16.3	-16.6	4.6
1000	17.1	-18.1	4.4
1100	15.8	-12.0	4.1
1200	12.5	-8.1	3.8
1300	10.3	-2.4	3.5
1400	9.1	-0.9	3.3



U COMPONENT
 V COMPONENT

EP3-81-0C PEGASUS 13
 R/V OCEANOGRAPHER DATE 06 07 81 TIME 1942 Z
 LATITUDE 5.520 S LONGITUDE 109.977 W

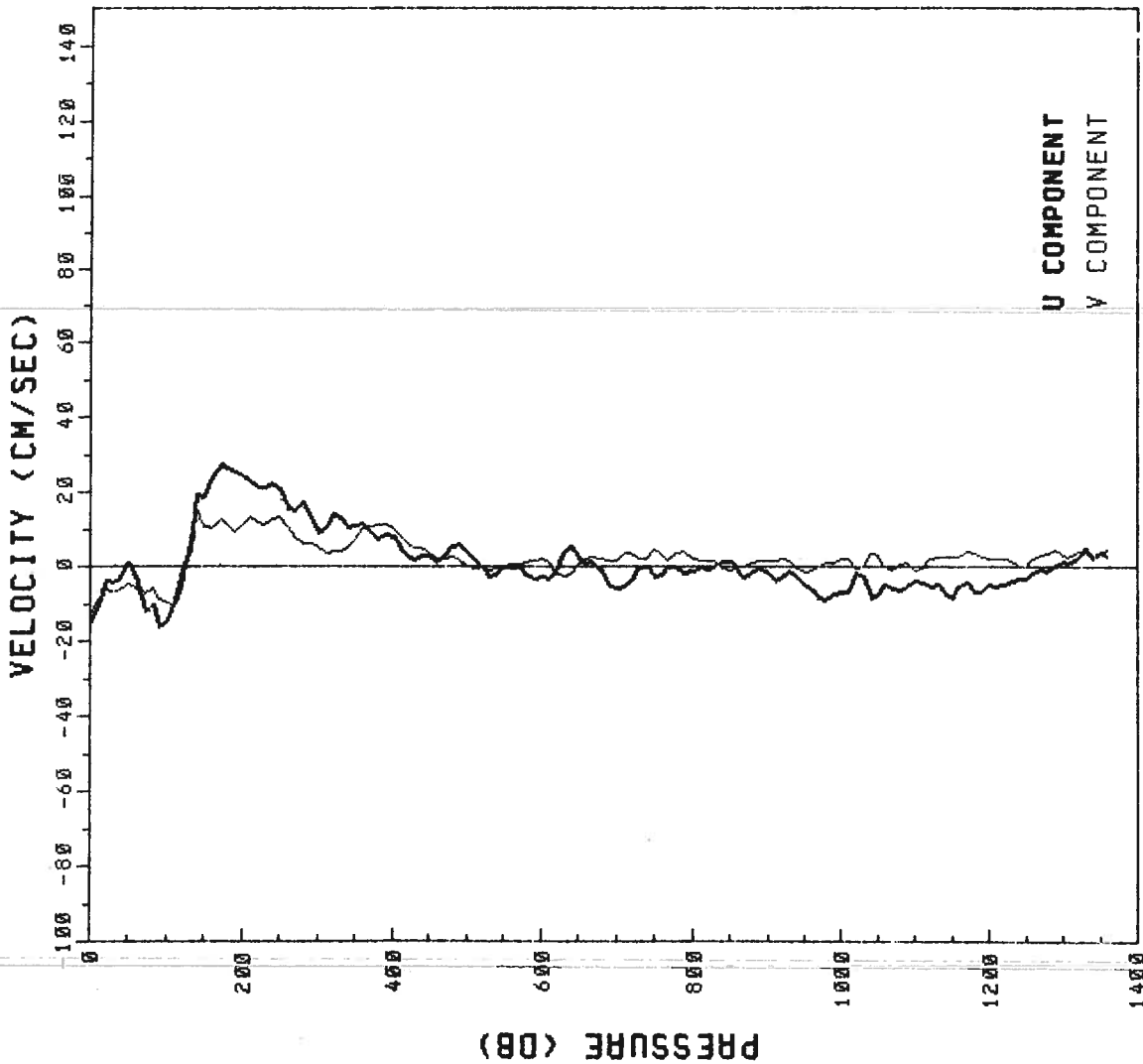
DEPTH (DB)	U	V	T
0	-29.9	-19.3	25.6
10	-29.4	-20.4	25.6
20	-36.2	-19.5	25.6
30	-39.2	-2.7	25.4
40	-33.1	-2.6	24.3
50	-15.1	-0.2	22.4
60	-0.3	-3.0	20.1
70	3.4	-1.3	18.4
80	3.7	-0.2	17.2
90	6.8	-0.8	16.0
100	12.8	-1.6	15.1
110	19.2	-0.4	13.9
120	23.5	1.1	13.3
130	26.9	0.7	12.9
140	30.5	-1.2	12.6
150	30.8	-1.1	12.5
160	28.3	1.7	12.6
170	26.5	2.0	12.4
180	24.7	2.1	12.4
190	25.5	3.9	12.3
200	28.0	-2.0	12.2
220	18.8	4.0	12.0
240	21.2	-0.6	11.8
260	16.5	2.7	11.6
280	15.4	-1.6	11.4
300	16.8	4.9	11.2
320	12.0	4.4	10.9
340	10.8	4.6	10.6
360	7.4	0.6	10.5
380	6.4	2.0	10.2
400	1.3	-1.3	9.8
450	8.2	5.1	8.9
500	1.9	0.4	8.3
550	-2.4	-0.4	7.7
600	-2.8	-2.4	7.1
650	1.0	-3.1	6.5
700	-3.5	-1.0	6.0
750	-1.5	-4.7	5.5
800	0.1	1.5	5.1
850	-2.1	-2.1	4.7
900	0.9	-2.0	4.5
950	-3.1	0.8	4.4
1000	-5.4	-0.2	4.2
1100	-2.0	2.9	3.8
1200	3.7	4.2	3.5
1300	3.8	9.9	3.3
1400	6.8	7.5	3.1



U COMPONENT
 V COMPONENT

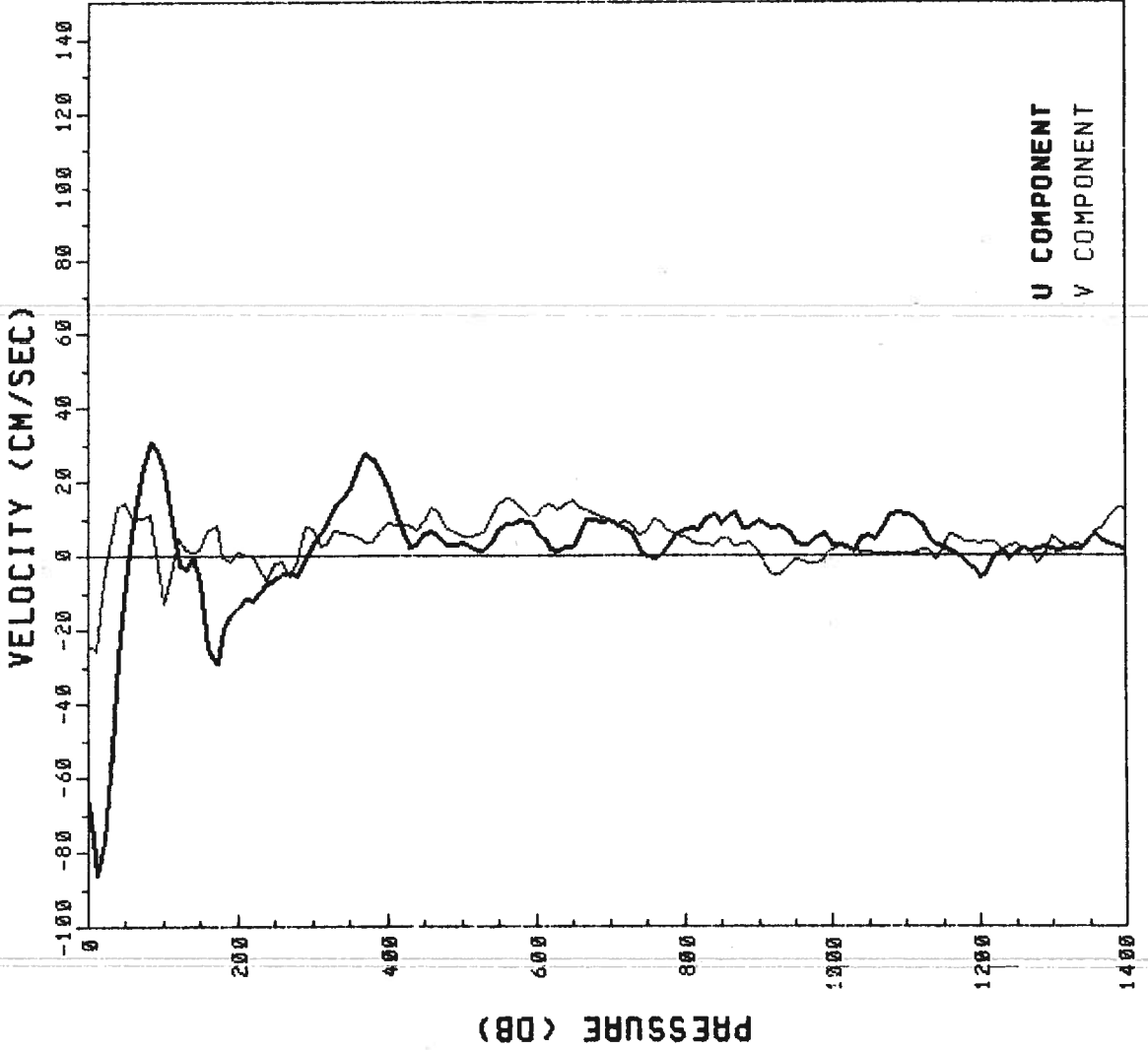
EP3-81-0C PEGASUS 14
 R/V OCEANOGRAPHER DATE 06 08 81 TIME 0528 Z
 LATITUDE 6.022 S LONGITUDE 109.975 W

PRESSURE (DB)	U	V	T
0	-14.7	-12.8	26.1
10	-10.0	-8.4	26.1
20	-3.2	-5.7	26.1
30	-3.9	-6.9	26.1
40	-2.6	-5.6	26.1
50	1.2	-4.2	26.1
60	-2.1	-5.3	26.1
70	-11.8	-6.7	26.1
80	-10.1	-5.2	24.9
90	-15.5	-8.7	21.6
100	-14.2	-9.4	20.1
110	-0.4	-5.3	18.1
120	4.9	6.8	16.8
130	19.7	16.3	15.6
140	19.4	11.1	14.8
150	24.8	10.4	13.9
160	23.0	13.3	13.2
170	27.2	11.7	12.8
180	26.2	9.3	12.5
190	25.1	12.0	12.2
200	22.2	12.3	11.5
220	23.2	13.3	11.1
240	16.4	11.1	10.9
260	17.5	6.7	10.7
280	9.4	5.3	10.5
300	14.8	4.4	10.3
320	10.7	5.5	10.1
340	12.3	10.2	10.0
360	8.1	11.2	9.7
380	8.3	10.4	9.6
400	3.4	4.1	8.9
450	4.7	0.0	8.3
500	0.3	0.2	7.6
550	-2.4	2.5	6.9
600	-2.9	0.8	6.4
650	-5.1	2.1	5.9
700	-2.2	4.9	5.6
750	-0.9	2.7	5.2
800	1.8	-0.7	4.9
850	-1.4	1.5	4.7
900	-4.2	-1.2	4.4
950	-6.3	-2.8	4.2
1000	-3.1	-0.7	3.9
1100	-4.4	2.8	3.6
1200	1.9	3.7	3.4



EP3-81-0C PEGASUS 15
 R/V OCEANOGRAPHER DATE 06 11 81
 LATITUDE 0.417 N LONGITUDE 94.333 W

TIME 2128 Z

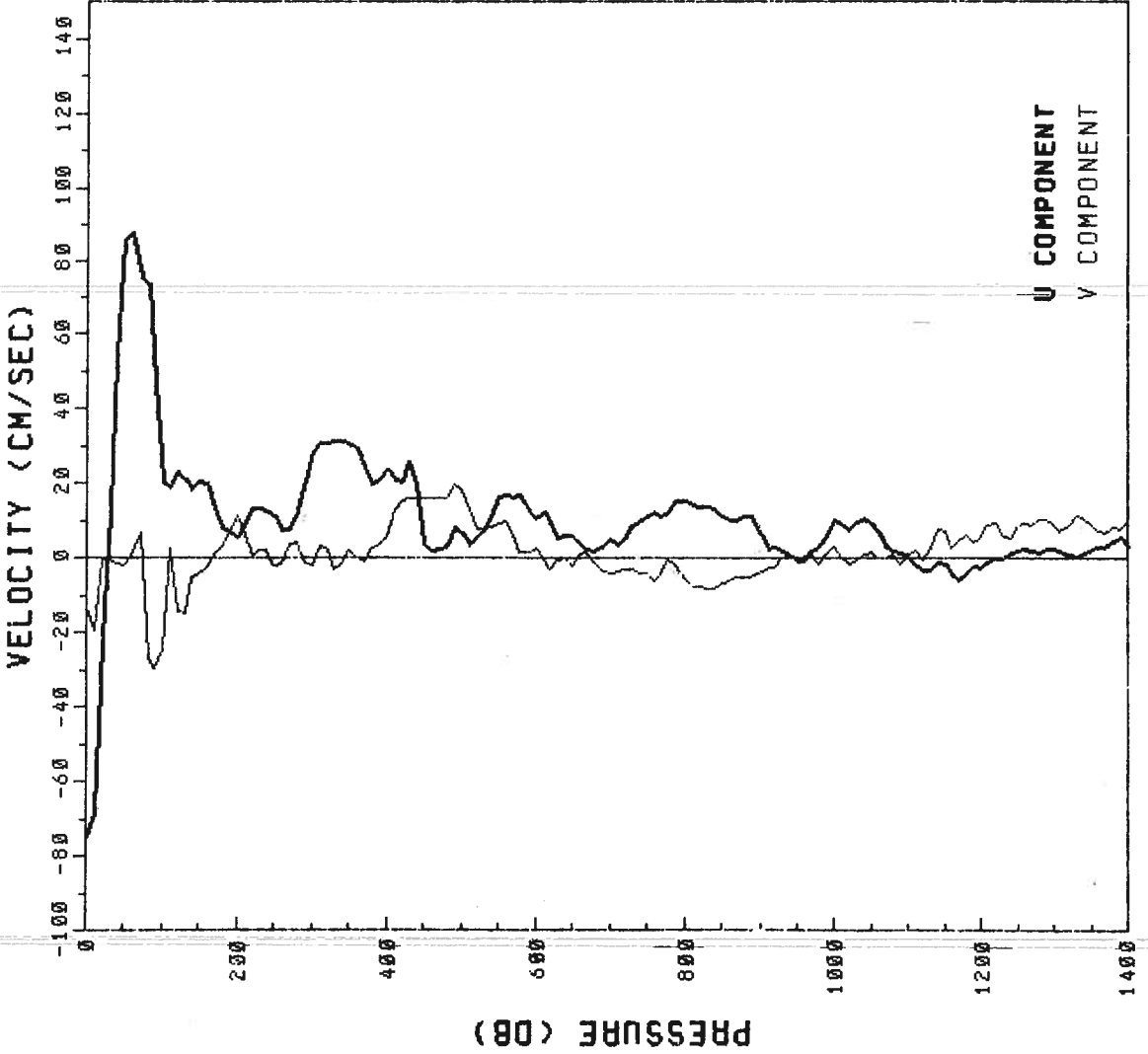


PRESSURE	U	V	T
0	-66.6	-23.9	25.4
10	-86.4	-25.2	24.1
20	-77.1	-6.2	23.6
30	-52.7	4.9	22.9
40	-26.7	14.0	20.0
50	-6.8	14.7	17.8
60	9.3	9.7	16.4
70	24.7	10.3	15.5
80	30.8	12.0	15.2
90	29.2	1.3	15.0
100	23.1	-12.7	14.7
110	9.5	-4.9	14.4
120	-2.0	5.0	14.3
130	-8.2	2.1	14.2
140	0.0	1.3	14.2
150	-6.5	1.8	14.2
160	-24.5	7.1	14.1
170	-28.9	8.5	13.8
180	-19.9	-0.2	13.7
190	-15.5	-1.5	13.6
200	-13.7	1.3	13.6
220	-11.8	0.1	13.4
240	-6.7	-6.1	13.2
260	-4.1	-1.4	12.6
280	-4.6	-0.8	11.7
300	4.2	7.5	10.9
320	9.7	4.1	10.4
340	15.9	6.5	10.3
360	24.3	5.6	10.0
380	26.6	4.2	9.8
400	18.2	8.9	9.7
450	6.5	9.5	8.8
500	3.9	5.3	8.2
550	7.4	14.1	7.8
600	7.2	10.7	7.1
650	3.1	15.1	6.7
700	9.7	9.2	6.0
750	0.4	7.1	5.7
800	7.5	5.7	5.4
850	8.9	5.0	5.2
900	10.0	1.3	5.0
950	4.1	-0.8	4.7
1000	3.8	1.6	4.4
1100	11.5	0.5	4.1
1200	-5.1	3.4	3.7
1300	2.6	5.6	3.3
1400	2.3	12.8	3.1

EP3-81-0C PEGASUS 16
 R/V OCEANOGRAPHER DATE 06 13 81
 LATITUDE 0.003 S LONGITUDE 94.965 W

TIME 2217 Z

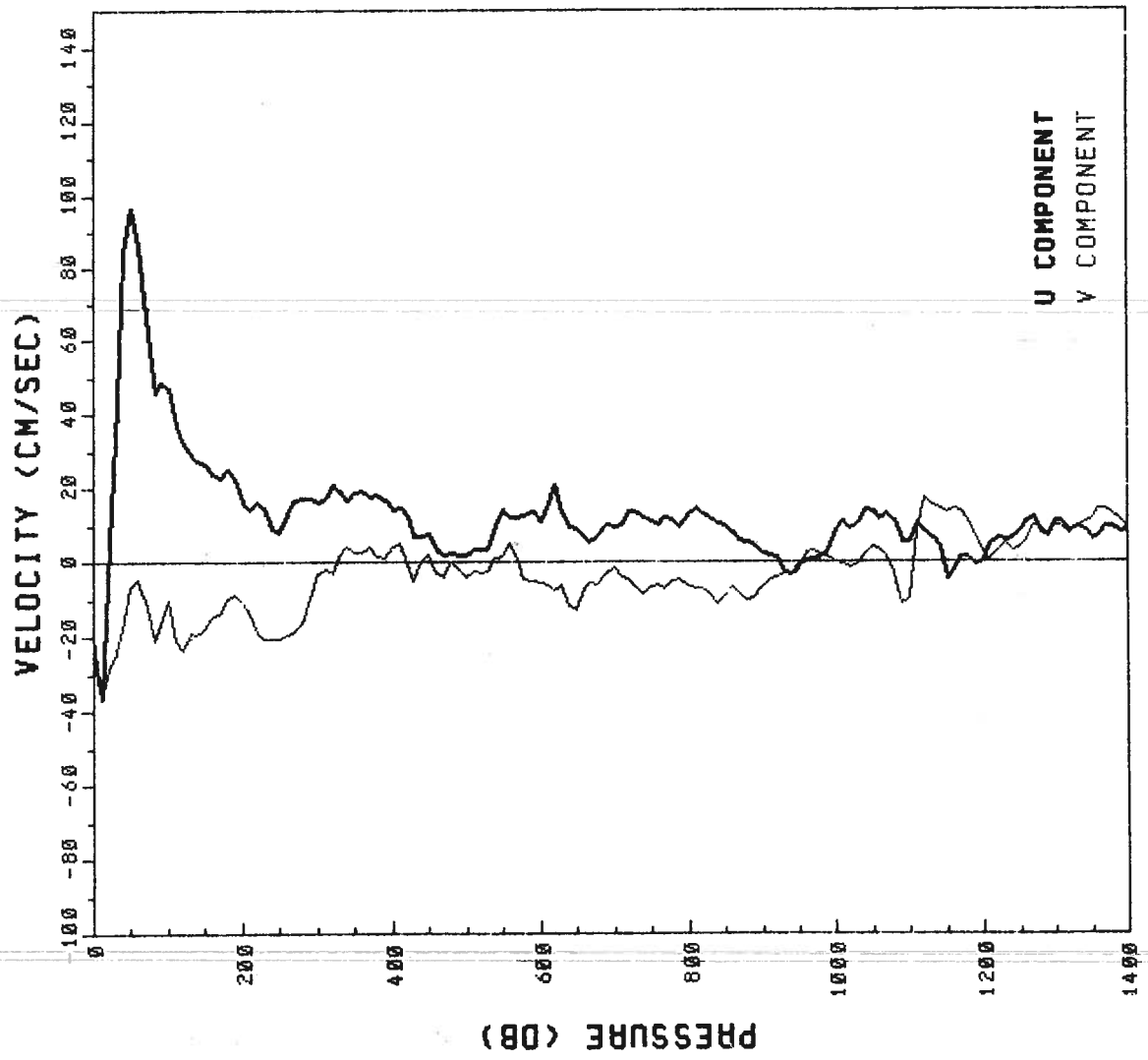
PRESSURE	U	V	T
0	-74.5	-13.1	25.2
10	-68.5	-19.2	23.4
20	-21.7	-0.4	21.2
30	12.7	-0.1	19.3
40	54.3	-1.3	16.5
50	85.8	-2.0	15.5
60	87.5	0.5	15.3
70	75.9	7.1	15.3
80	73.8	-26.7	14.8
90	47.2	-29.4	14.4
100	20.6	-24.4	14.2
110	19.0	3.3	14.0
120	23.8	-13.8	13.9
130	21.6	-14.3	13.7
140	18.8	-4.8	13.7
150	20.9	-3.7	13.6
160	20.1	-2.2	13.6
170	12.6	1.8	13.5
180	8.4	3.6	13.4
190	7.3	6.9	13.3
200	5.9	11.2	13.3
220	13.6	0.8	13.0
240	13.3	2.5	12.8
260	13.0	-1.1	12.1
280	18.0	4.5	11.5
300	28.4	-1.9	10.0
320	31.5	2.6	10.1
340	31.9	-1.2	9.9
360	29.6	0.0	9.8
380	20.3	3.2	9.5
400	23.9	5.9	9.3
450	4.7	16.3	8.5
500	7.1	18.3	8.0
550	16.8	9.3	7.2
600	10.7	3.0	6.6
650	6.7	-1.8	5.9
700	5.3	-3.9	5.6
750	11.2	-3.9	5.3
800	15.7	-5.4	5.2
850	11.6	-6.3	5.0
900	6.4	-3.1	4.8
950	-0.5	-0.5	4.4
1000	10.5	3.5	4.1
1100	0.5	1.2	3.9
1200	-2.1	5.8	3.5
1300	3.3	9.1	3.3
1400	3.4	9.8	3.2



U COMPONENT
 V COMPONENT

EP3-81-0C PEGASUS 17
 R/V OCEANOGRAPHER DATE 06 14 81
 LATITUDE 0.543 S LONGITUDE 95.015 W

TIME 0847 Z

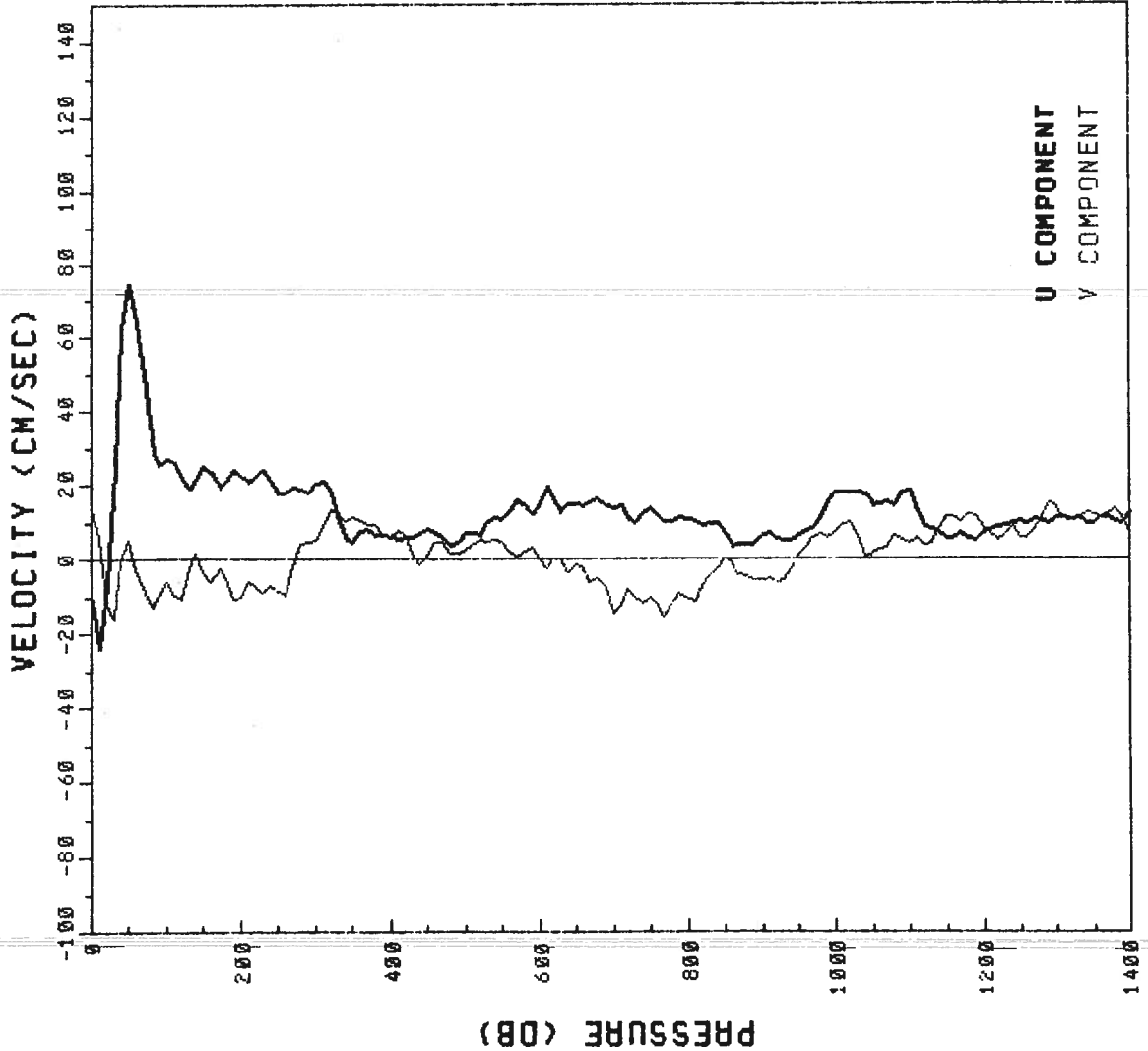


PRESSURE	U	V	T
0			
10	-25.9	-19.5	22.8
20	-35.9	-36.3	22.4
30	5.6	-28.8	20.6
40	43.5	-23.8	19.2
50	84.2	-17.3	17.3
60	96.6	-6.3	16.3
70	86.1	-4.2	15.8
80	62.7	-11.5	15.2
90	45.9	-20.8	14.9
100	48.9	-15.9	14.4
110	47.5	-10.0	14.1
120	37.4	-21.0	13.9
130	32.3	-23.2	13.6
140	29.5	-19.1	13.5
150	28.1	-19.6	13.4
160	26.9	-17.4	13.4
170	24.6	-14.7	13.4
180	23.8	-12.9	13.4
190	25.5	-9.6	13.3
200	23.1	-8.7	13.2
220	16.8	-10.5	13.2
240	17.0	-18.9	12.8
260	9.2	-20.2	12.4
280	13.5	-19.3	11.9
300	17.7	-16.1	11.8
320	16.7	-2.6	11.6
340	21.5	-2.6	10.8
360	16.8	4.8	10.3
380	19.8	3.9	9.9
400	18.6	1.8	9.5
450	14.8	4.8	9.1
500	8.1	2.5	8.6
550	2.6	-3.8	8.0
600	14.9	1.4	7.1
650	10.7	-5.1	6.6
700	9.3	-12.8	6.2
750	9.8	-1.2	5.8
800	11.4	-6.1	5.4
850	13.6	-6.2	5.0
900	10.2	-9.3	4.9
950	3.0	-6.3	4.6
1000	-0.1	-2.0	4.5
1100	8.8	0.1	4.3
1200	5.8	-9.6	4.0
1300	0.5	-2.9	3.7
1400	11.9	9.9	3.3
1400	9.3	9.3	3.2

U COMPONENT
 V COMPONENT

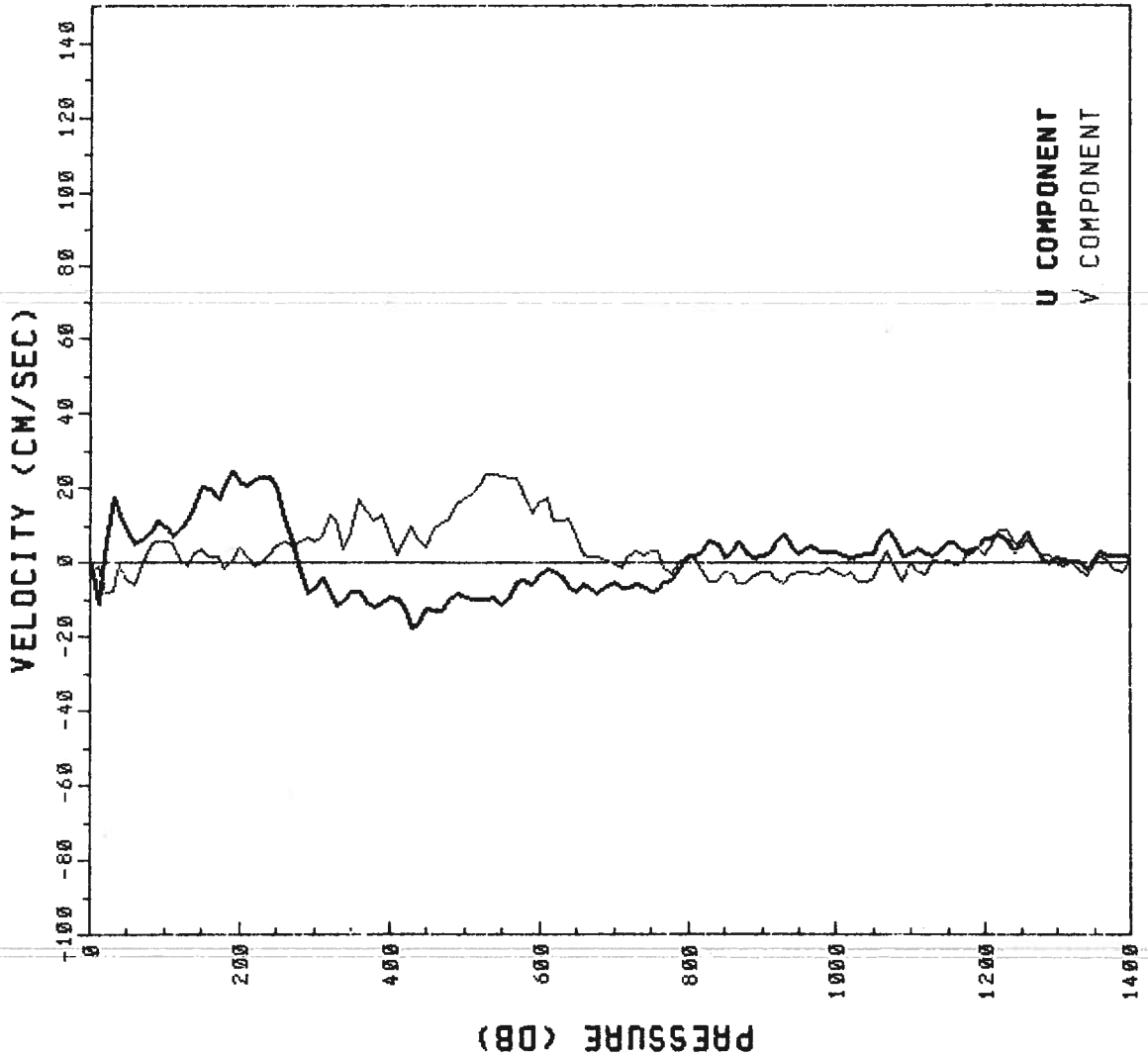
EP3-81-0C PEGASUS 18
 R/V OCEANOGRAPHER DATE 06 14 81 TIME 1747 Z
 LATITUDE 1.005 S LONGITUDE 94.978 W

0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200	1300	1400
	-10.8	-23.7	-6.0	25.3	62.7	74.7	64.8	46.4	28.6	25.9	27.7	26.5	22.2	19.2	21.9	25.5	24.1	21.2	24.4	23.0	23.3	21.7	18.2	19.1	20.7	18.2	6.4	7.8	7.0	6.5	8.3	7.4	11.0	15.2	15.2	14.2	14.1	11.0	6.9	7.1	7.0	18.2	18.8	7.4	11.6	12.7
	13.8	6.6	-11.6	-15.7	-0.4	5.5	-2.2	-8.8	-12.6	-9.4	-5.6	-9.7	-10.6	-2.4	1.8	-3.4	-5.9	-2.3	-4.5	-10.2	-7.3	-6.8	-9.4	4.8	5.4	13.7	10.4	10.5	9.4	6.3	0.7	3.3	0.4	-1.4	-14.0	-10.2	-0.3	-5.4	1.0	7.7	4.5	8.6	14.5	7.4		
	22.3	21.9	20.3	19.3	17.8	16.1	15.4	15.1	14.3	14.0	13.9	13.6	13.5	13.4	13.3	13.2	13.1	13.1	13.1	13.1	13.1	13.1	12.8	12.1	12.0	10.9	10.6	9.9	9.3	9.0	8.4	7.7	7.2	6.7	6.2	5.8	5.5	5.1	4.8	4.7	4.5	4.2	3.9	3.7	3.4	3.2



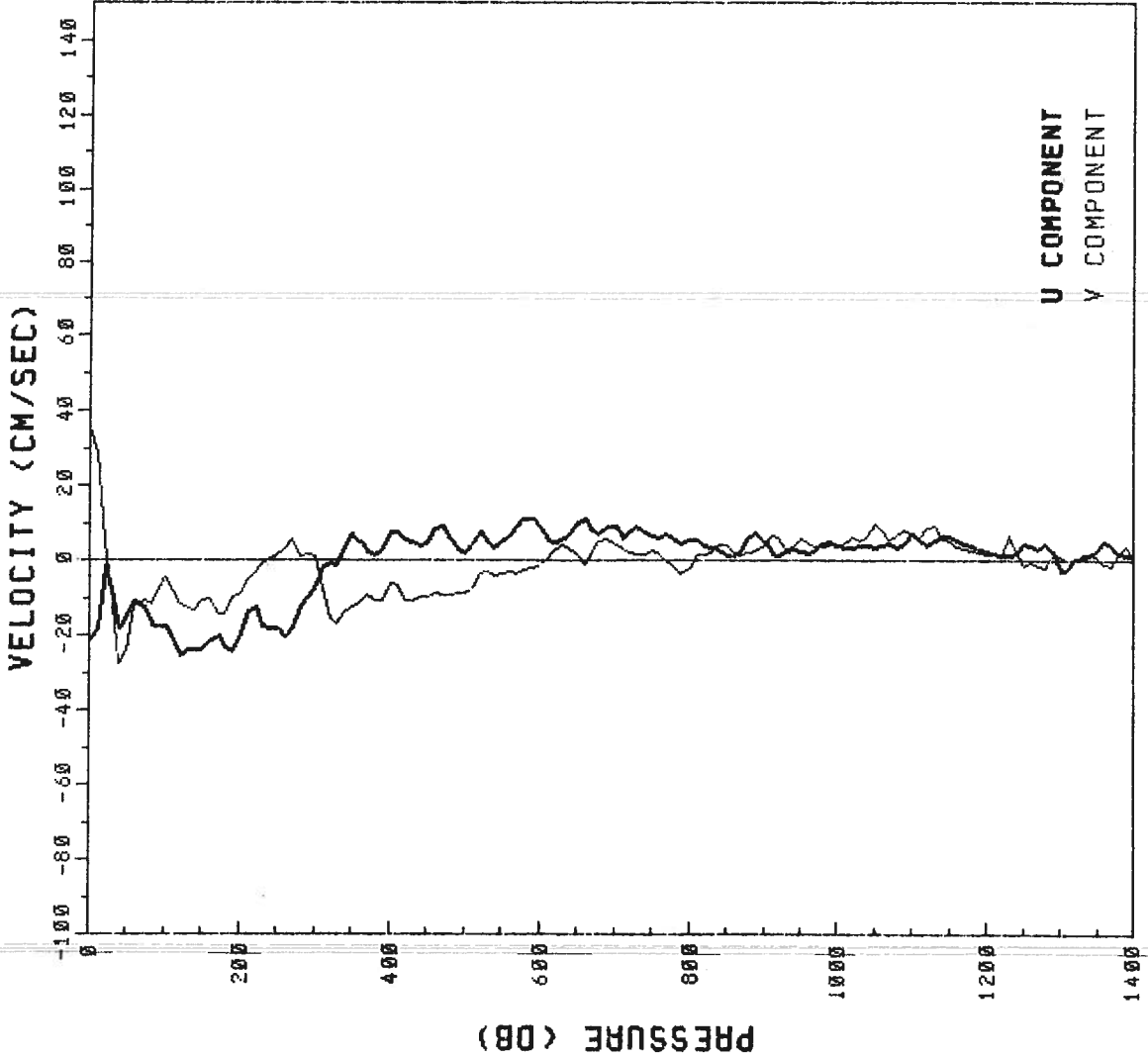
EP3-81-0C PEGASUS 19
 R/V OCEANOGRAPHER DATE 06 15 81
 LATITUDE 2.017 S LONGITUDE 94.960 W
 TIME 0826 Z

VELOCITY (CM/SEC)	U	V	T
0	-0.2	-2.2	22.5
10	-11.2	-0.8	22.5
20	6.1	-7.7	22.2
30	17.8	-7.2	21.5
40	13.2	-0.4	19.2
50	8.4	-4.4	17.6
60	5.5	-5.5	16.2
70	6.8	0.6	15.6
80	9.1	5.7	15.2
90	11.5	6.1	14.6
100	9.8	6.0	14.3
110	7.6	5.7	14.1
120	9.2	0.7	13.8
130	12.2	-1.0	13.6
140	15.7	2.9	13.3
150	20.5	3.9	13.1
160	20.1	2.3	13.0
170	17.3	1.5	13.0
180	21.5	-1.4	13.0
190	25.0	0.8	13.0
200	22.1	4.6	12.9
220	23.0	-0.9	12.9
240	23.6	2.5	12.8
260	12.5	6.1	12.6
280	-1.7	5.9	12.3
300	-6.1	5.9	11.6
320	-7.6	13.5	10.8
340	-10.0	4.2	9.9
360	-7.4	17.2	9.6
380	-11.7	11.5	9.2
400	-9.1	7.4	9.0
450	-12.2	4.8	8.5
500	-9.3	17.6	7.7
550	-10.9	23.7	7.2
600	-3.0	16.8	6.9
650	-7.1	7.5	6.6
700	-4.8	-0.5	6.2
750	-7.3	3.7	5.8
800	2.6	1.6	5.3
850	1.9	-2.5	5.2
900	2.8	-2.2	4.9
950	3.1	-2.2	4.7
1000	3.5	-2.4	4.5
1100	2.9	0.0	4.2
1200	7.2	2.4	3.9
1300	1.5	0.2	3.6
1400	2.0	0.1	3.3



EP3-81-0C PEGASUS 20
 R/V OCEANOGRAPHER DATE 06 17 81 TIME 2303 Z
 LATITUDE 2.455 S LONGITUDE 85.013 W

PRESSURE	U	V	T
0	-20.7	35.9	23.9
10	-18.5	28.9	23.9
20	-1.3	5.4	22.1
30	-10.2	-11.7	21.6
40	-18.4	-27.5	20.0
50	-14.5	-24.0	18.5
60	-10.7	-12.2	16.5
70	-11.9	-10.6	15.5
80	-16.5	-11.5	15.2
90	-16.7	-7.6	14.9
100	-17.0	-4.4	14.7
110	-21.0	-7.9	14.6
120	-24.6	-11.8	14.5
130	-23.5	-12.7	14.5
140	-23.4	-12.9	14.4
150	-23.5	-10.5	14.3
160	-21.3	-19.0	14.2
170	-20.1	-13.9	14.1
180	-22.7	-13.8	14.1
190	-24.0	-9.8	14.0
200	-19.2	-8.4	13.9
220	-12.1	-2.6	13.8
240	-17.7	0.6	13.5
260	-20.4	3.8	12.8
280	-11.9	1.2	12.0
300	-6.2	0.9	11.7
320	-0.3	-15.2	10.9
340	3.7	-13.3	9.9
360	5.7	-11.3	9.3
380	1.9	-10.4	8.9
400	8.2	-5.5	8.6
450	4.9	-9.4	7.9
500	2.7	-8.5	7.5
550	5.3	-3.1	7.0
600	8.9	-1.0	6.5
650	10.4	1.5	6.0
700	9.2	4.5	5.7
750	6.9	2.9	5.3
800	5.9	-1.6	5.1
850	2.3	4.8	4.9
900	5.3	4.7	4.7
950	3.3	5.9	4.6
1000	4.8	4.2	4.4
1100	7.3	6.9	4.0
1200	3.2	2.0	3.7
1300	-2.4	1.1	3.5
1400	-1.6	1.1	3.1

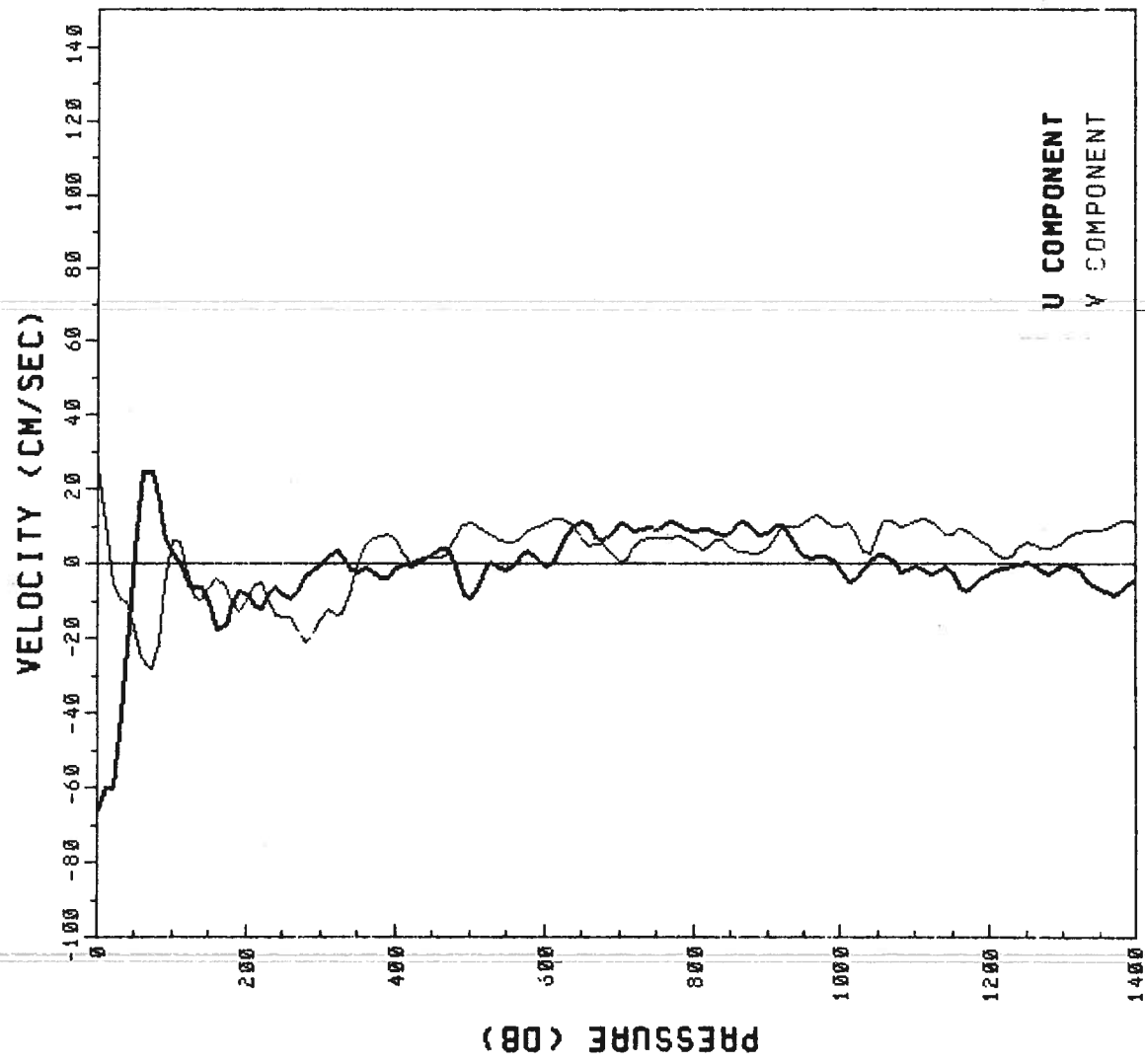


U COMPONENT
 V COMPONENT

EP3-81-0C PEGASUS 21
 R/V OCEANOGRAPHER DATE 06 18 81
 LATITUDE 1.493 S LONGITUDE 85.043 W

TIME 1303 Z

PRESSURE (DB)	U	V	T
0	-65.8	26.0	20.7
10	-60.0	10.8	19.7
20	-59.9	-4.6	18.4
30	-40.6	-9.6	16.7
40	-22.4	-10.0	16.2
50	3.8	-16.4	15.9
60	25.0	-24.7	15.7
70	25.3	-28.2	15.4
80	15.7	-21.2	15.4
90	6.5	-5.0	15.3
100	3.3	6.7	15.1
110	-0.1	6.1	14.8
120	-5.1	-2.3	14.6
130	-5.5	-9.1	14.5
140	-5.6	-9.5	14.3
150	-10.6	-6.0	14.2
160	-16.7	-3.9	14.2
170	-16.1	-5.8	14.2
180	-10.6	-10.1	14.1
190	-6.6	-12.7	13.9
200	-7.7	-10.1	13.6
220	-11.4	-4.7	13.2
240	-5.5	-13.4	12.9
260	-9.3	-14.2	12.4
280	-2.6	-20.7	11.5
300	0.0	-14.3	11.1
320	4.2	-13.5	10.7
340	-1.4	-7.9	9.9
360	-1.0	5.0	9.6
380	-3.4	7.7	9.4
400	-0.9	6.5	9.1
450	3.2	2.2	8.4
500	-9.3	10.8	7.8
550	-1.4	5.8	7.4
600	-0.3	11.1	6.9
650	11.4	7.0	6.3
700	10.9	0.5	5.9
750	9.5	6.8	5.7
800	9.0	5.6	5.6
850	8.7	4.8	5.3
900	8.6	4.6	5.0
950	2.7	11.1	4.6
1000	-1.6	9.9	4.5
1100	-0.4	11.5	4.0
1200	-2.4	5.2	3.8
1300	0.3	6.1	3.3
1400	-3.6	10.9	3.0

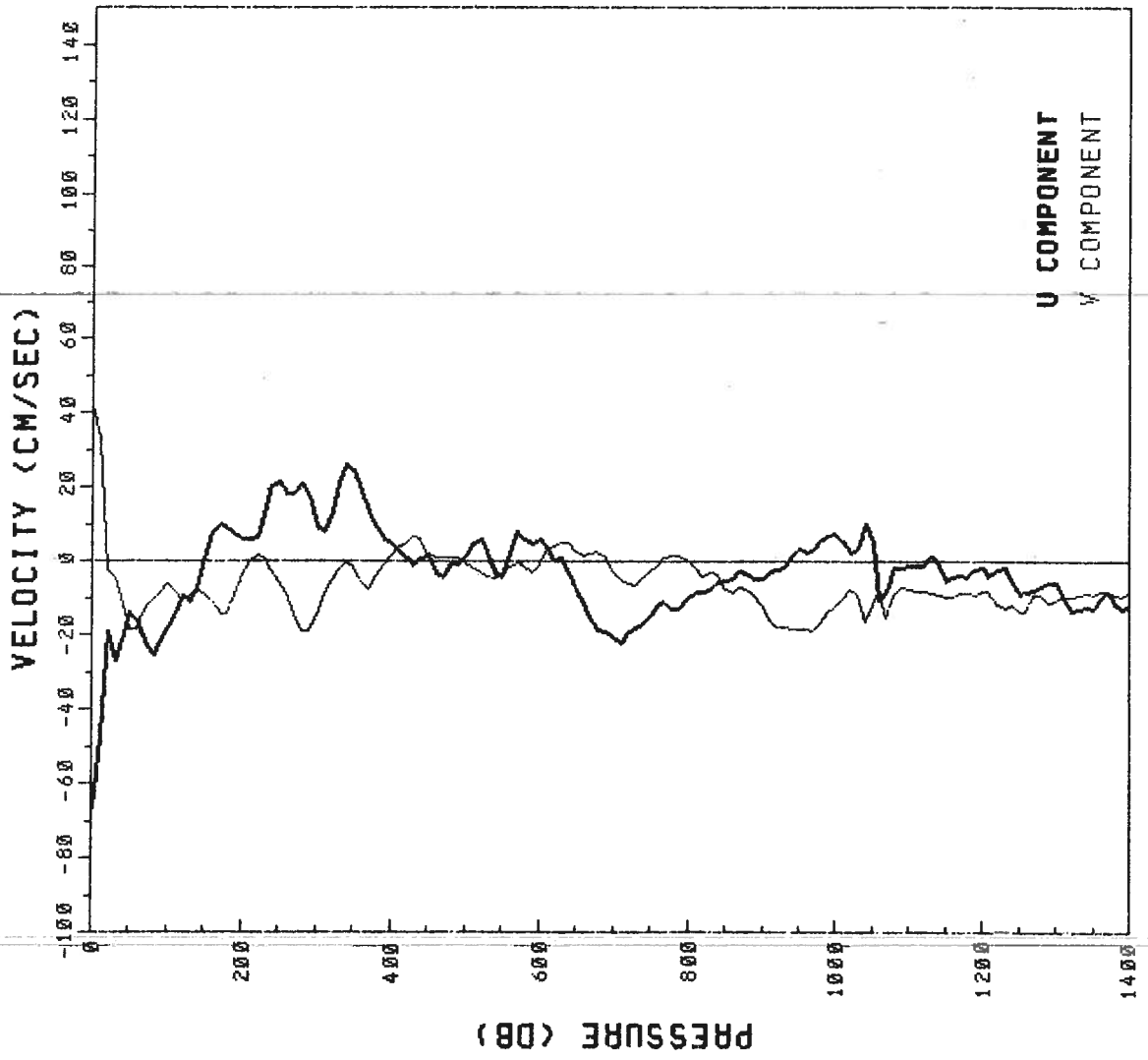


U COMPONENT
 V COMPONENT

EP3-81-0C PEGASUS 22
 R/V OCEANOGRAPHER DATE 06 19 81
 LATITUDE 0.447 S LONGITUDE 84.995 W

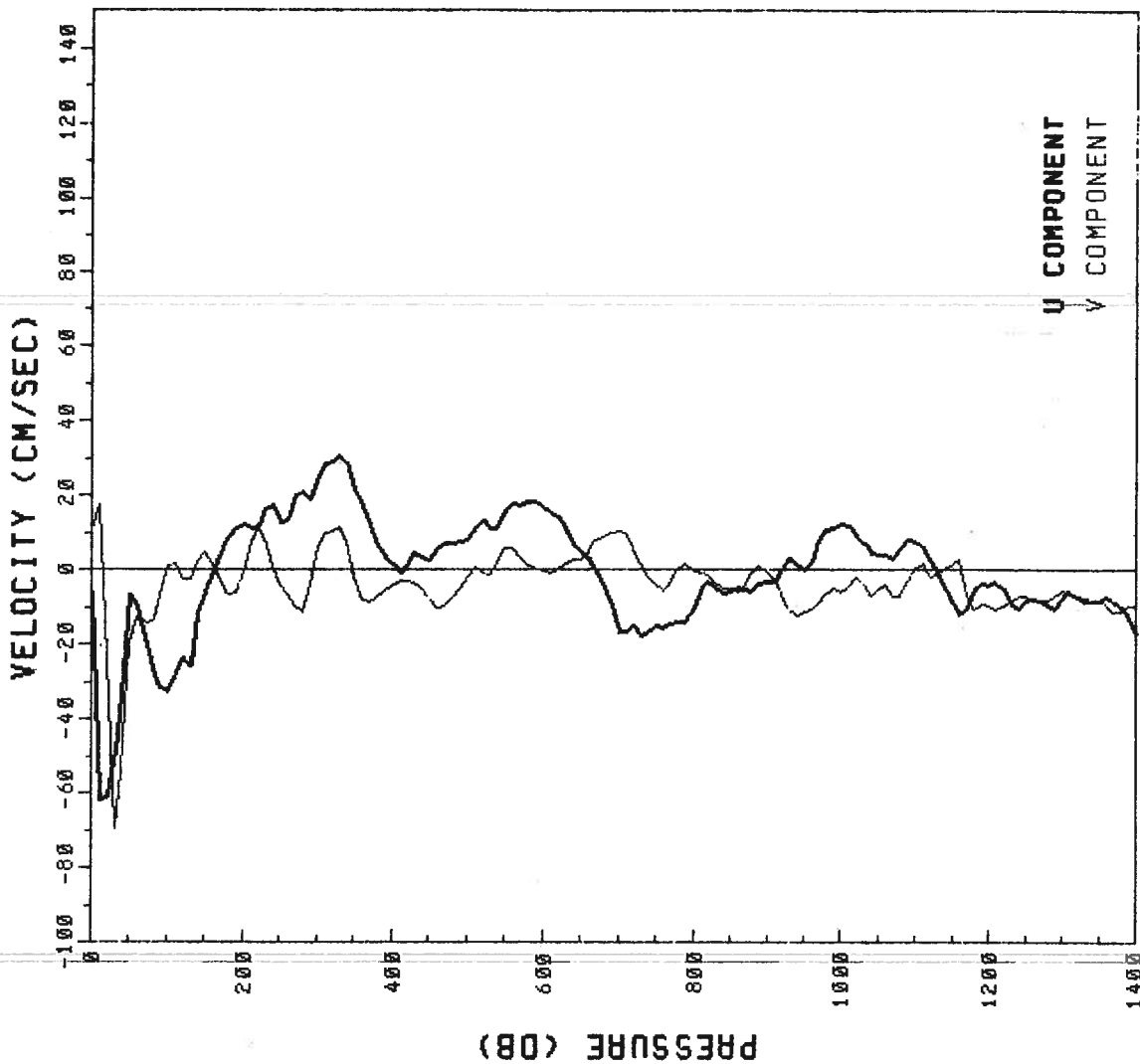
TIME 0201 Z

DEPTH (DB)	U	V	T
0	-66.9	42.6	24.4
10	-47.6	33.4	23.7
20	-18.9	-2.2	19.6
30	-26.5	-4.9	18.7
40	-21.5	-9.8	17.9
50	-13.4	-10.6	17.2
60	-15.7	-10.5	16.9
70	-22.8	-12.2	16.7
80	-25.1	-10.1	16.1
90	-21.3	-8.6	15.6
100	-18.1	-5.8	15.3
110	-14.0	-8.1	15.2
120	-9.2	-10.7	15.0
130	-10.6	-9.1	14.9
140	-6.9	-8.2	14.8
150	0.6	-8.5	14.6
160	8.2	-10.5	14.4
170	10.2	-13.9	14.3
180	9.4	-14.0	14.2
190	7.9	-9.1	14.0
200	6.3	-3.3	13.8
220	6.9	1.8	13.6
240	20.9	-2.2	13.1
260	18.8	-8.4	12.7
280	21.2	-19.0	12.2
300	10.0	-14.3	11.8
320	13.6	-4.6	11.2
340	26.7	-0.4	10.6
360	19.3	-5.4	10.3
380	9.2	-3.5	9.9
400	5.4	1.4	9.7
450	2.0	2.6	9.0
500	1.7	-0.4	8.1
550	-3.5	-3.2	7.2
600	6.5	-0.9	6.7
650	-8.1	3.3	6.5
700	-20.4	-2.6	6.1
750	-14.4	-2.5	5.7
800	-9.8	0.2	5.5
850	-4.8	-7.2	5.3
900	-4.3	-11.9	5.1
950	4.1	-18.2	4.8
1000	8.0	-12.0	4.7
1100	-1.0	-7.4	4.2
1200	-1.5	-7.5	3.8
1300	-5.0	-10.6	3.5
1400	-11.6	-8.2	3.2



EP3-81-0C PEGASUS 23
 R/V OCEANOGRAPHER DATE 06 19 81 TIME 1031 Z
 LATITUDE 0.057 N LONGITUDE 84.973 W

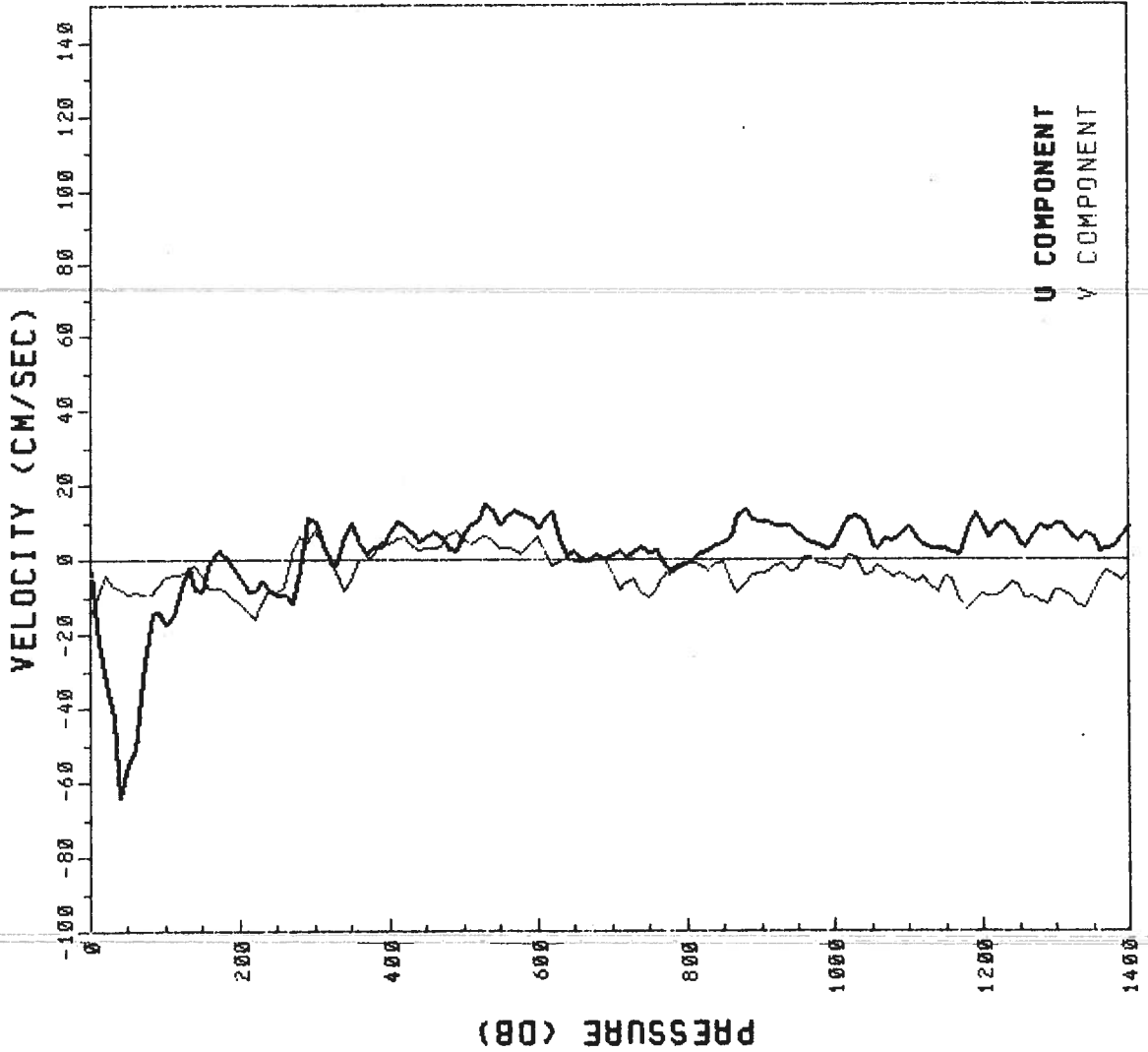
DEPTH (DB)	U	V	T
0	-5.6	10.7	24.0
10	-61.4	17.7	24.0
20	-60.7	-23.5	23.8
30	-48.9	-69.8	21.9
40	-33.4	-53.9	19.4
50	-6.2	-19.5	17.9
60	-9.4	-12.3	17.3
70	-20.1	-14.2	17.0
80	-28.7	-13.1	16.8
90	-31.0	-6.7	16.4
100	-31.0	1.0	16.1
110	-27.9	2.1	15.9
120	-23.5	-2.1	15.6
130	-25.2	-2.2	15.4
140	-11.5	2.7	15.1
150	-5.9	5.1	14.7
160	-0.5	1.9	14.5
170	5.8	-3.2	14.2
180	9.1	-6.4	14.1
190	11.3	-5.8	13.9
200	13.1	-0.5	13.8
220	12.5	12.0	13.5
240	17.8	1.1	12.8
260	13.8	-6.1	12.2
280	21.0	-11.0	11.6
300	25.7	6.7	11.1
320	29.3	10.6	10.7
340	28.0	8.0	10.4
360	17.2	-8.3	10.1
380	6.3	-6.8	9.8
400	1.9	-3.8	9.6
450	3.3	-7.3	8.9
500	8.6	-1.7	8.4
550	16.1	5.8	7.4
600	17.4	-0.5	6.9
650	5.5	3.2	6.5
700	-15.9	10.6	6.2
750	-14.7	-3.7	6.0
800	-10.0	-0.4	5.6
850	-5.3	-4.8	5.4
900	-2.9	-0.8	5.2
950	0.3	-11.1	4.9
1000	12.7	-5.6	4.6
1100	7.8	0.7	4.2
1200	-3.9	-9.5	3.7
1300	-7.2	-5.3	3.5
1400	-16.2	-9.8	3.1



U COMPONENT
 V COMPONENT

EP3-81-0C PEGASUS 25
 R/V OCEANOGRAPHER DATE 06 20 81 TIME 1007 Z
 LATITUDE 1.473 N LONGITUDE 84.970 W

0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200	1300	1400	
0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200	1300	1400	
-2.6	-21.9	-32.5	-42.5	-63.9	-54.6	-50.9	-27.7	-14.1	-13.6	-16.9	-14.4	-7.2	-2.0	-7.1	-8.1	-0.1	3.2	1.2	-2.0	-4.7	-7.9	-7.7	-9.0	-2.2	10.5	-0.1	6.7	4.5	4.0	7.5	6.3	7.3	9.6	8.6	3.1	1.8	2.8	-0.7	5.0	10.5	7.4	4.1	8.9	9.3	9.7	8.8	
-14.3	-9.5	-3.5	-6.6	-7.4	-9.2	-8.8	-9.2	-8.9	-6.8	-4.3	-3.9	-3.5	-2.4	-1.3	-3.7	-7.1	-7.0	-7.5	-9.9	-11.4	-15.6	-7.5	-6.9	-6.6	6.2	0.0	-7.8	0.2	1.7	4.7	3.5	5.4	3.5	6.5	-0.3	-3.4	-10.2	-1.0	-0.4	-3.1	-2.2	-1.9	-4.5	-9.0	-7.8	-3.4	25.5
25.5	25.6	25.6	25.6	23.1	19.3	18.5	17.2	16.4	16.0	15.8	15.4	15.1	15.0	14.9	14.8	14.8	14.7	14.6	14.5	14.3	14.3	14.0	13.7	13.3	12.7	11.7	11.0	10.3	9.8	9.3	8.4	7.9	7.0	6.2	6.2	6.0	5.7	5.4	5.0	4.8	4.6	4.1	3.7	3.4	3.1	25.5	

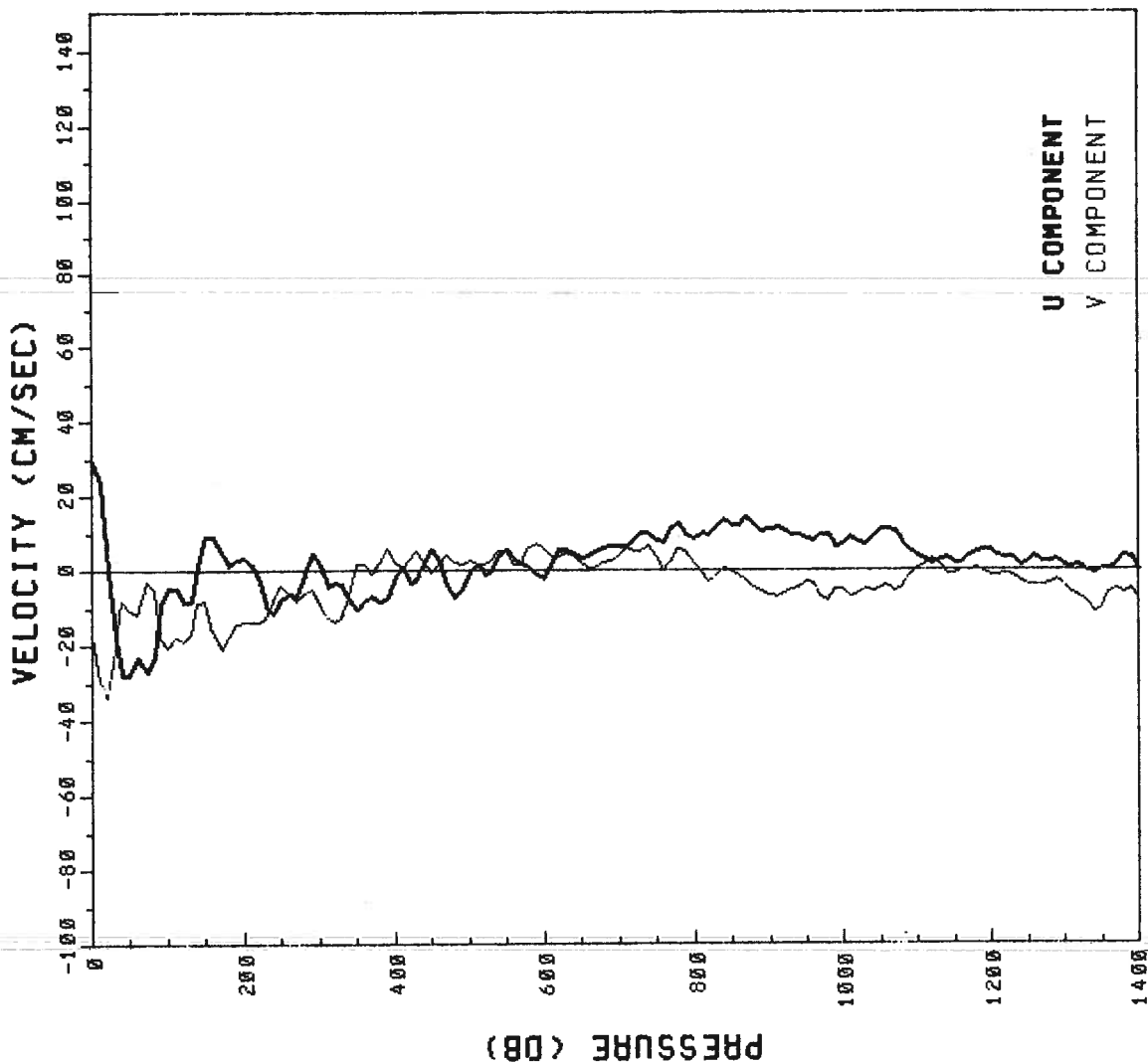


U COMPONENT
 V COMPONENT

EP3-81-0C PEGASUS 26
 R/V OCEANOGRAPHER DATE 06 21 81
 LATITUDE 2.457 N LONGITUDE 84.993 W

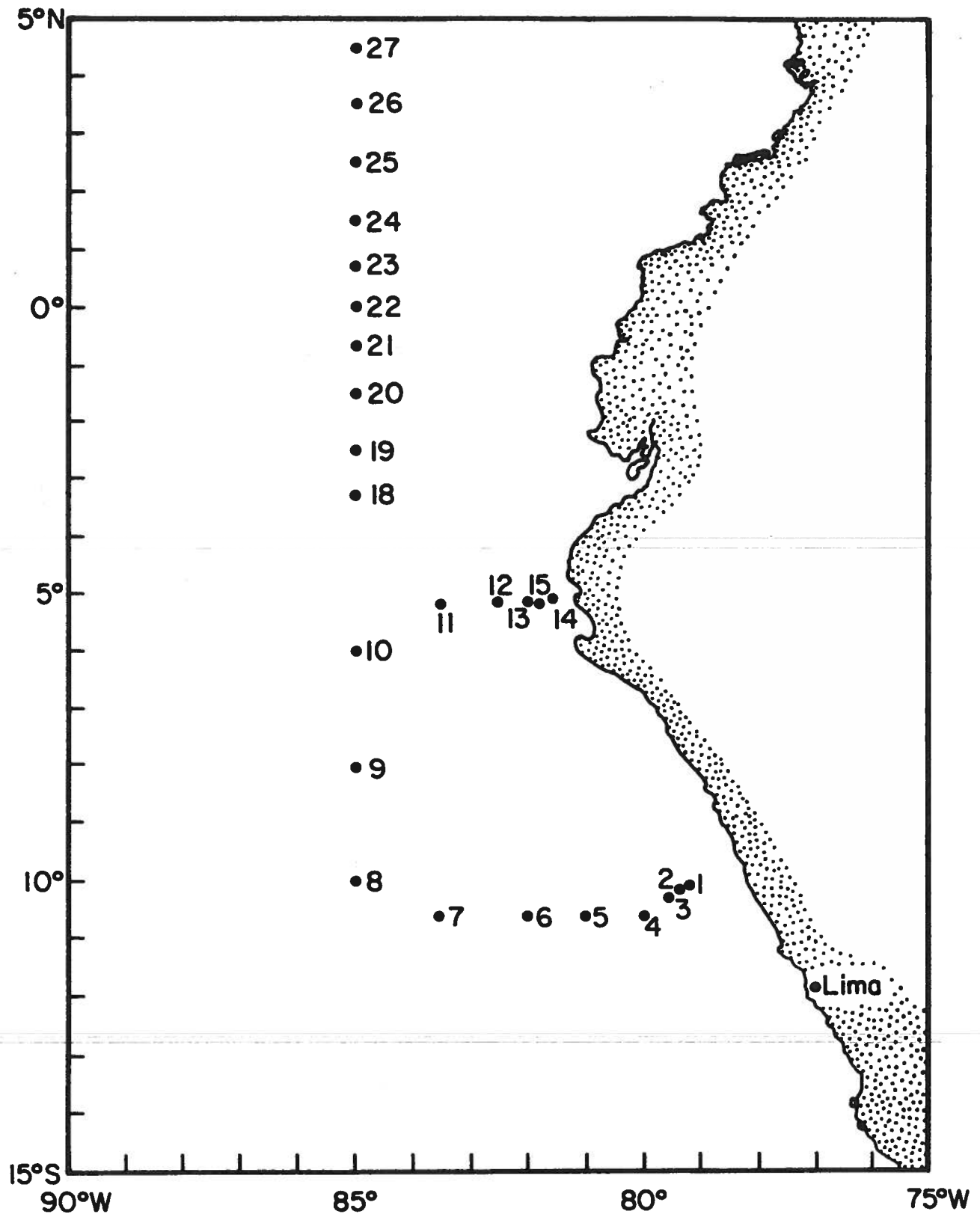
TIME 0041 Z

PRESSURE (DB)	U	V	T
0	29.3	-16.3	26.8
10	24.3	-29.0	26.8
20	0.0	-34.0	26.6
30	-17.9	-20.2	26.4
40	-27.7	-8.3	24.8
50	-27.3	-10.7	21.1
60	-22.7	-11.6	19.1
70	-26.8	-2.8	18.2
80	-22.3	-4.6	17.3
90	-8.9	-17.2	16.5
100	-4.3	-20.2	16.1
110	-4.2	-18.0	15.9
120	-8.1	-18.9	15.8
130	-7.8	-16.3	15.6
140	2.1	-8.6	15.3
150	9.5	-7.8	15.1
160	9.2	-15.8	14.9
170	4.4	-20.7	14.8
180	2.0	-17.9	14.6
190	3.7	-14.2	14.4
200	4.3	-13.5	14.2
220	-2.2	-13.6	13.9
240	-11.2	-7.7	13.7
260	-5.9	-5.8	13.3
280	-0.7	-5.6	12.7
300	1.6	-8.6	12.2
320	-3.0	-13.3	11.5
340	-7.4	-6.7	10.8
360	-8.2	-1.8	10.0
380	-7.8	2.5	9.3
400	-1.1	2.8	8.8
450	5.9	-0.1	8.1
500	-0.5	3.1	7.6
550	6.1	5.4	7.2
600	-1.7	6.0	6.6
650	4.3	2.8	6.3
700	6.9	4.8	6.0
750	8.3	4.0	5.7
800	9.0	2.1	5.3
850	12.8	-0.3	5.1
900	11.8	-6.3	4.9
950	9.1	-2.7	4.6
1000	7.5	-4.6	4.5
1100	4.8	0.5	4.0
1200	5.9	-1.3	3.7
1300	1.7	-3.5	3.4
1400	0.1	-7.0	3.2



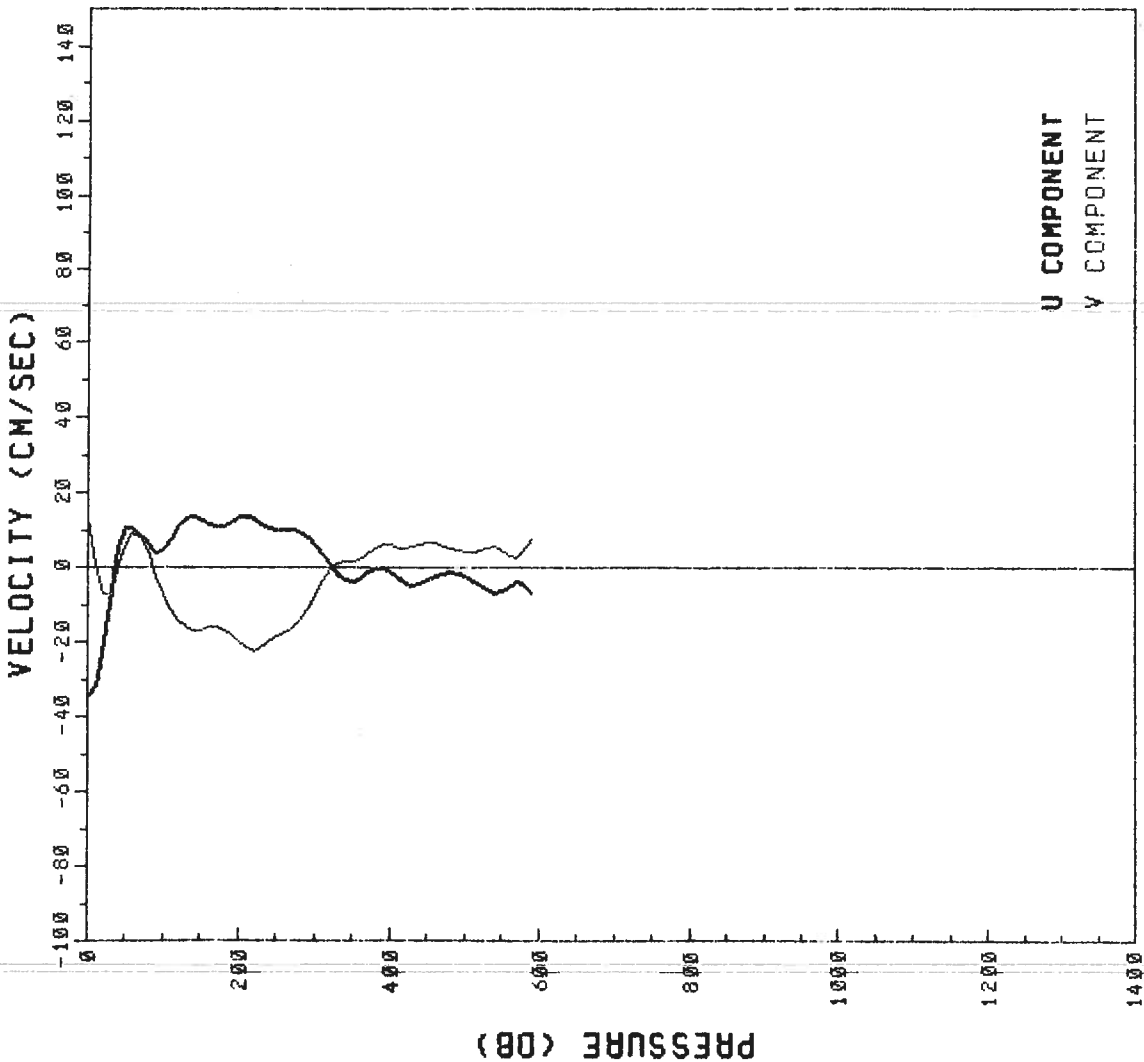
APPENDIX D: EP6-81-RS

PEGASUS STATIONS EP6-81-RS



EP6-81-RS PEGASUS 1
 R/V RESEARCHER DATE 11 21 81 TIME 0852 Z
 LATITUDE 10.102 S LONGITUDE 79.147 W

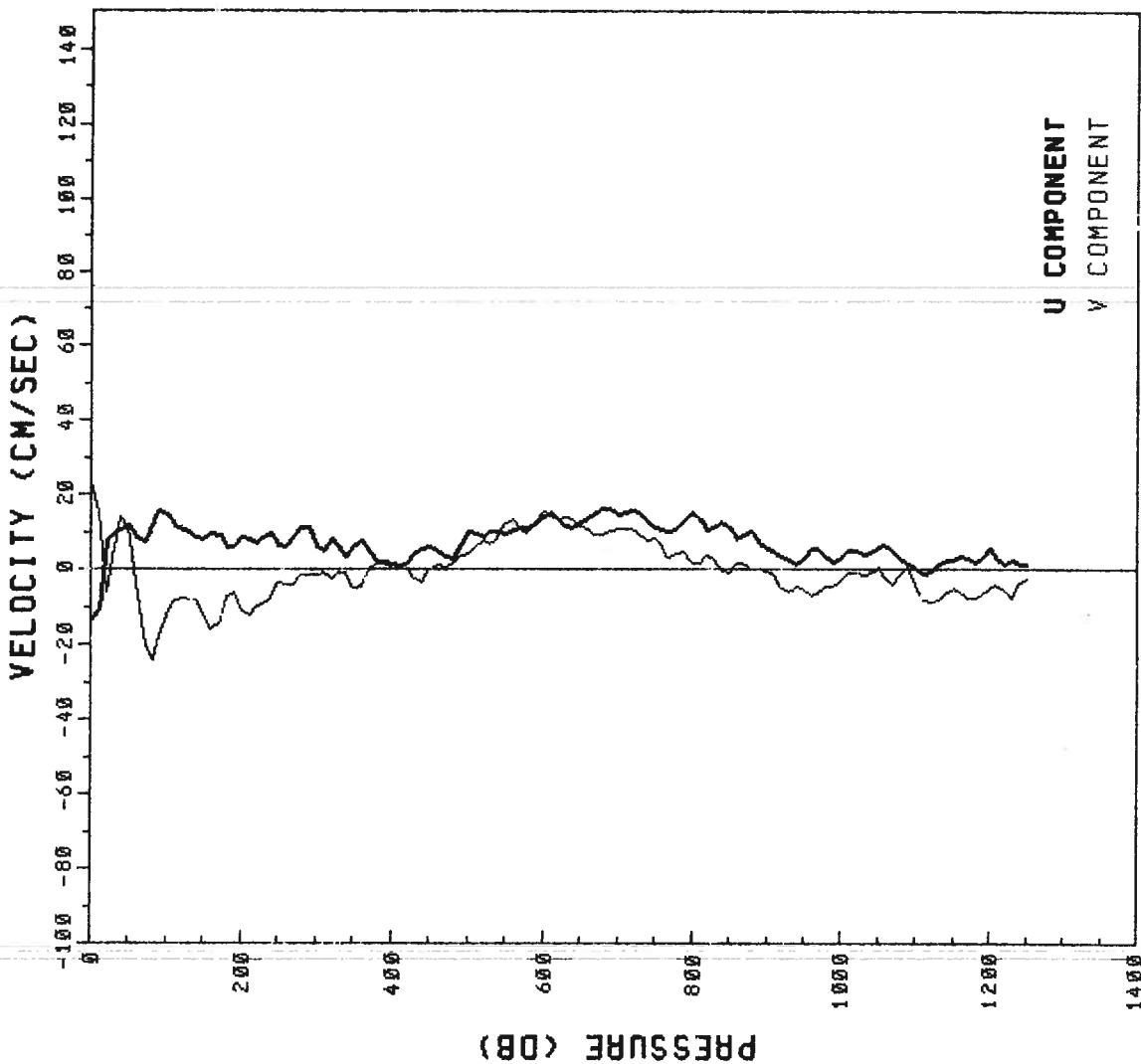
PRESSURE (DB)	U	V	T
0	-34.0	13.6	19.9
10	-31.8	1.3	19.9
20	-20.0	-6.8	19.9
30	-5.6	-6.6	19.8
40	5.4	-0.4	19.6
50	10.7	6.1	18.7
60	11.0	9.4	17.3
70	8.7	8.2	16.3
80	5.9	3.6	15.2
90	4.7	-2.3	14.6
100	5.4	-6.9	14.4
110	7.9	-10.9	14.2
120	11.2	-13.8	14.0
130	13.6	-15.6	13.9
140	14.4	-16.4	13.8
150	13.6	-16.3	13.8
160	12.2	-15.7	13.7
170	11.4	-15.5	13.6
180	11.9	-16.3	13.4
190	13.1	-18.0	13.3
200	14.1	-20.0	13.2
220	13.6	-22.1	13.1
240	11.1	-20.0	13.0
260	10.3	-17.1	12.8
280	9.9	-13.9	12.7
300	6.2	-7.1	12.5
320	0.7	-0.3	12.0
340	-3.0	1.8	11.6
360	-2.6	3.7	11.3
380	0.2	5.0	10.8
400	-1.0	6.3	10.5
450	-2.7	7.0	9.5
500	-2.0	4.6	8.4
550	-5.8	5.0	7.6



U COMPONENT
 V COMPONENT

EP6-81-RS PEGASUS 2
 R/V RESEARCHER DATE 11 21 81 TIME 0321 Z
 LATITUDE 10.208 S LONGITUDE 79.322 W

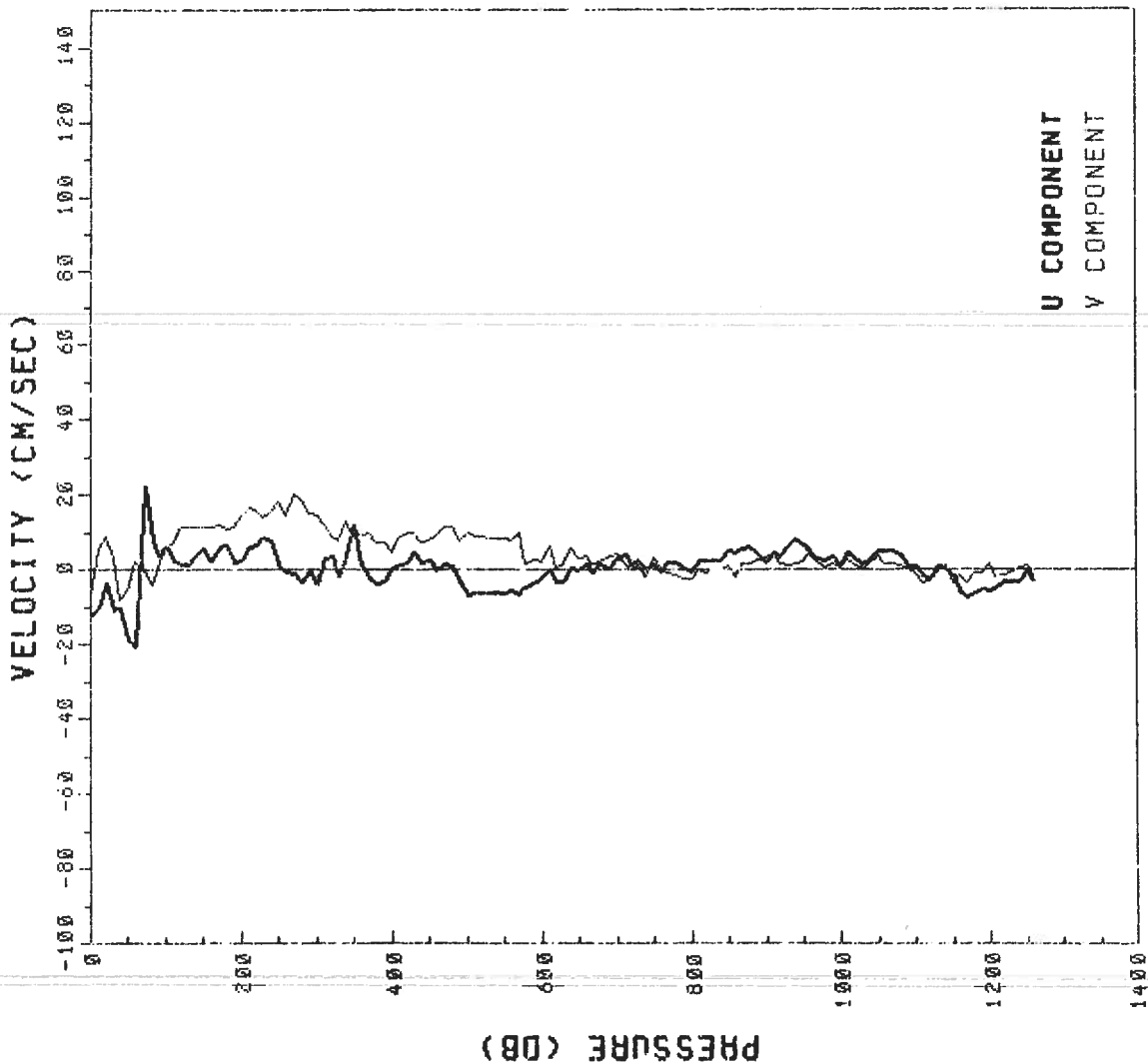
PRESSURE (DB)	U	V	T
0	-13.0	24.3	20.3
10	-10.4	15.7	20.3
20	8.0	-5.7	20.1
30	10.0	5.8	19.9
40	10.8	14.2	19.5
50	12.5	11.4	18.8
60	8.8	-3.2	17.1
70	3.2	-20.2	15.8
80	13.4	-24.0	15.3
90	16.4	-17.4	14.7
100	15.3	-12.2	14.3
110	12.3	-8.1	14.0
120	11.0	-7.1	13.9
130	10.5	-7.8	13.7
140	9.0	-8.2	13.6
150	8.6	-11.6	13.5
160	9.8	-15.6	13.5
170	9.6	-13.6	13.3
180	6.7	-6.5	13.2
190	6.4	-5.7	13.0
200	8.9	-11.1	12.9
220	7.5	-9.6	12.8
240	9.7	-7.1	12.6
260	6.4	-3.5	12.3
280	12.1	-1.5	11.9
300	6.7	-1.2	11.6
320	8.4	-2.2	11.3
340	3.8	0.8	11.1
360	8.0	-4.0	10.8
380	2.8	2.0	10.5
400	1.6	0.4	10.1
450	6.3	0.1	8.9
500	10.3	4.8	8.1
550	9.7	12.7	7.5
600	15.0	15.7	6.9
650	13.5	12.1	6.4
700	15.5	18.7	6.1
750	12.0	8.3	5.9
800	16.0	1.7	5.6
850	11.5	-0.7	5.3
900	6.0	-0.1	4.9
950	3.4	-5.0	4.7
1000	3.6	-2.6	4.5
1100	0.5	-3.5	4.1
1200	5.8	-4.9	3.7



U COMPONENT
 V COMPONENT

EP6-81-RS PEGASUS 3
 R/V RESEARCHER DATE 11 22 81 TIME 1201 Z
 LATITUDE 10.362 S LONGITUDE 79.597 W

VELOCITY (CM/SEC)	U	V	T
0	-11.9	-6.6	26.0
10	-10.1	5.8	26.1
20	-8.1	9.1	26.1
30	-10.6	3.8	26.1
40	-15.7	-7.7	26.0
50	-18.5	-5.2	19.1
60	-20.4	2.8	17.6
70	-22.8	6.5	17.1
80	8.1	-5.5	16.5
90	4.0	0.3	16.1
100	6.3	6.5	15.7
110	3.3	7.4	15.4
120	2.3	12.0	15.3
130	1.6	11.6	15.1
140	4.3	11.5	15.1
150	5.3	11.3	14.9
160	2.8	11.3	14.8
170	6.7	12.6	14.6
180	7.6	11.6	14.5
190	2.8	11.3	14.5
200	5.3	14.8	14.0
220	7.1	15.3	14.1
240	8.0	15.8	13.3
260	-5.2	14.7	13.6
280	-3.1	18.6	13.4
300	-3.7	14.7	13.0
320	4.3	8.9	12.3
340	4.1	13.5	11.8
360	1.3	9.4	11.6
380	-3.3	7.3	10.6
400	0.8	5.1	10.2
450	3.1	7.9	9.4
500	-6.4	9.9	8.5
550	-5.5	8.4	7.9
600	-1.6	2.8	7.3
650	0.1	3.4	6.5
700	3.7	4.5	6.5
750	1.6	3.6	6.0
800	-0.5	-2.1	5.6
850	-5.4	1.1	5.5
900	2.8	3.5	5.2
950	6.8	2.4	5.0
1000	1.1	8.6	4.7
1100	1.1	-1.0	4.5
1200	-5.2	-1.9	3.9

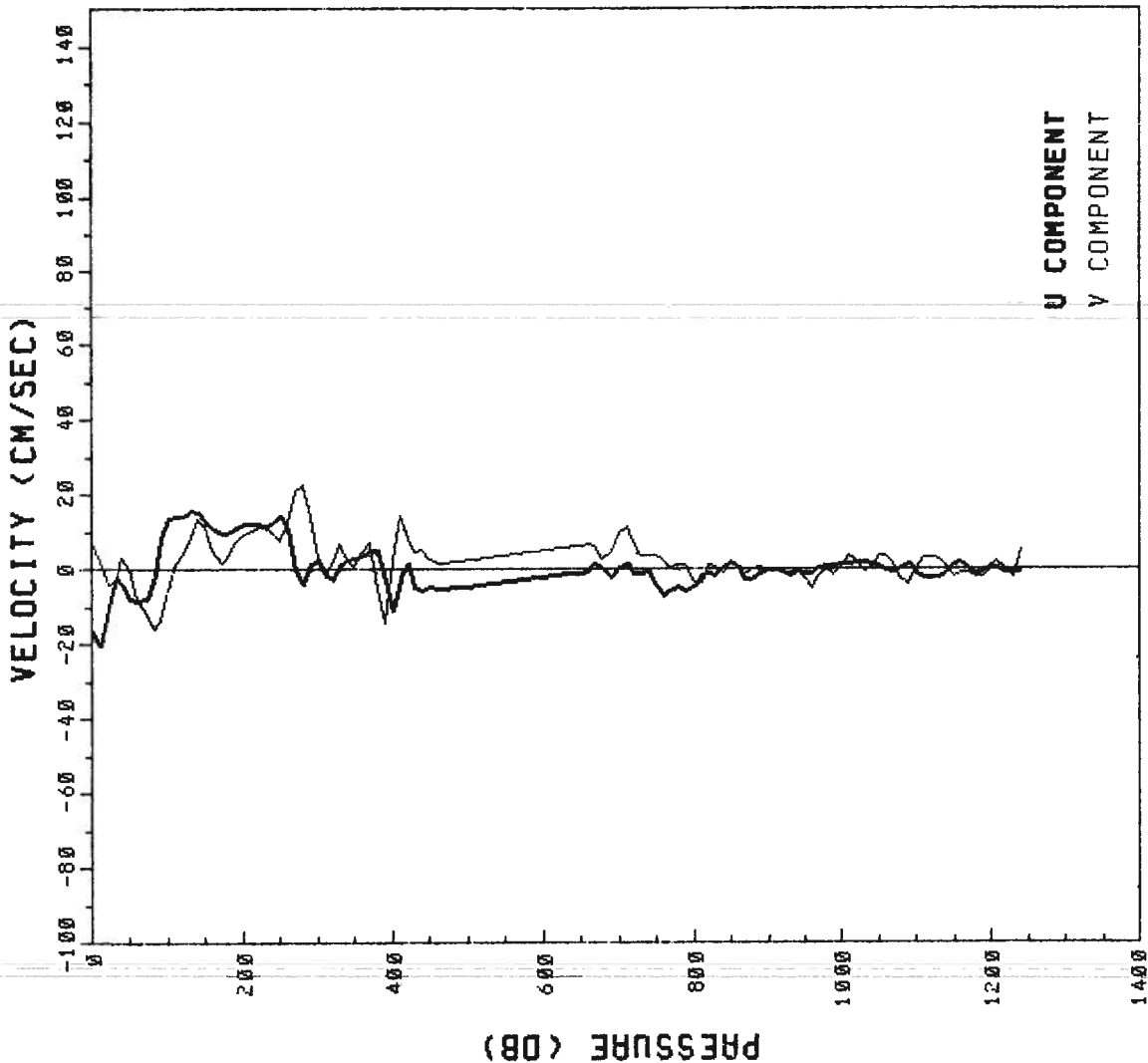


U COMPONENT
 V COMPONENT

EP6-81-RS PEGASUS 4
 R/V RESEARCHER DATE 11 22 81
 LATITUDE 10.533 S LONGITUDE 80.042 W

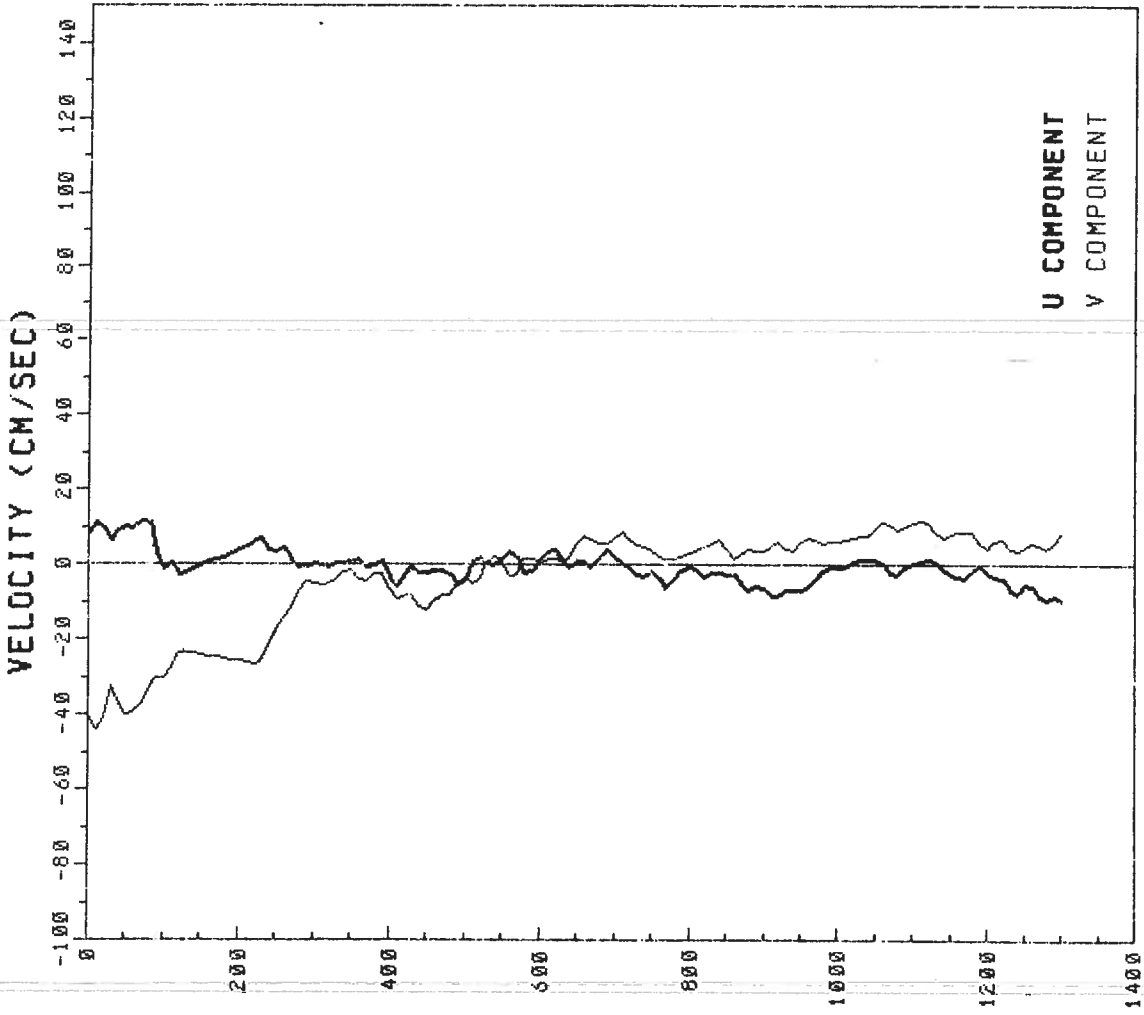
TIME 2343 Z

PRESSURE	U	V	T
0			
10	-15.9	7.6	21.0
20	-20.2	2.5	21.0
30	-10.2	-3.5	20.9
40	-1.7	-2.7	20.3
50	-3.7	3.5	19.8
60	-7.0	0.0	19.1
70	-8.1	-7.0	18.3
80	-7.4	-11.5	17.2
90	-1.4	-15.3	16.3
100	8.3	-13.4	15.4
110	14.3	-5.3	14.8
120	14.6	2.0	14.4
130	14.6	4.7	14.2
140	16.4	9.1	14.0
150	16.0	13.6	13.9
160	13.5	11.9	13.7
170	11.2	5.5	13.6
180	9.7	1.6	13.5
190	10.0	3.6	13.3
200	11.9	7.6	13.2
220	13.0	9.3	13.0
240	13.1	11.3	12.8
260	12.7	9.9	12.7
280	10.7	12.9	12.6
300	-3.9	23.0	12.3
320	3.1	3.6	11.9
340	-2.3	2.7	11.6
360	3.2	3.5	11.4
380	4.0	5.1	10.9
400	5.6	-4.9	10.6
450	-11.0	2.5	10.3
500	-4.4	3.1	9.4
550	-4.0	3.1	8.4
600	-2.8	4.3	7.5
650	-1.7	5.5	6.8
700	-0.6	10.1	6.4
750	-4.2	4.3	5.9
800	-4.2	-3.1	5.6
850	2.7	1.9	5.3
900	0.2	-0.4	4.8
950	-0.7	-2.1	4.6
1000	1.7	0.6	4.3
1100	-0.6	0.4	4.0
1200	1.0	0.3	3.7



U COMPONENT
 V COMPONENT

EP6-81-RS PEGASUS 5
 R/V RESEARCHER DATE 11 23 81
 LATITUDE 10.547 S LONGITUDE 81.030 W
 TIME 1323 Z

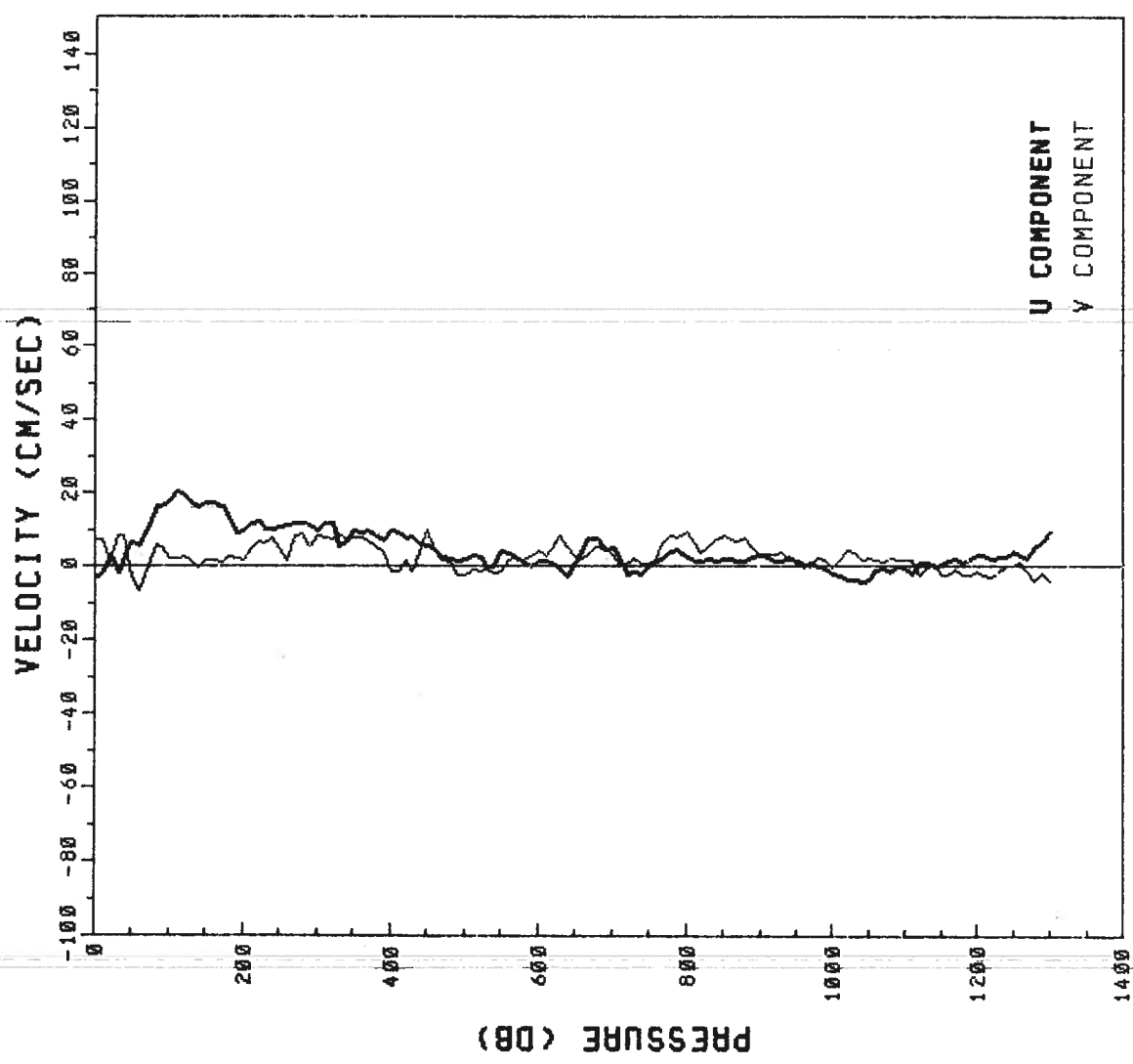


PRESSURE	U	V	T
0	6.3	-48.1	20.9
10	11.7	-43.8	20.9
20	9.7	-40.9	20.9
30	6.5	-32.3	20.2
40	6.4	-36.1	19.1
50	10.4	-48.1	18.7
60	9.9	-39.6	18.1
70	12.5	-36.3	16.7
80	11.2	-32.3	15.8
90	8.4	-30.0	15.1
100	-0.8	-38.9	14.5
110	-0.5	-27.9	14.2
120	-2.1	-26.2	14.0
130	-1.8	-23.1	13.8
140	-0.9	-23.4	13.7
150	0.0	-23.8	13.5
160	0.0	-24.1	13.3
170	1.8	-24.7	13.1
180	2.8	-24.7	12.9
190	3.7	-25.1	12.8
200	4.6	-25.4	12.7
220	6.4	-23.0	12.4
240	4.5	-21.6	12.1
260	4.2	-14.2	11.6
280	-0.2	-6.9	11.7
300	0.7	-4.6	11.5
320	-0.5	-4.7	11.2
340	0.7	-1.9	10.8
360	1.8	-3.7	10.5
380	0.0	-2.7	10.1
400	-0.9	-6.2	9.6
450	-1.6	-12.1	9.0
500	-3.6	-8.3	8.2
550	2.1	0.7	7.3
600	1.9	0.7	6.8
650	1.1	6.0	6.3
700	2.5	7.7	5.9
750	-1.2	4.1	5.6
800	-0.3	3.4	5.4
850	-2.5	4.4	5.0
900	-5.5	3.9	4.8
950	-6.2	6.4	4.5
1000	-0.5	6.6	4.3
1100	0.7	11.6	4.0
1200	-1.9	4.4	3.6
1300	-9.1	8.3	3.3

U COMPONENT
 V COMPONENT

PRESSURE (DB)

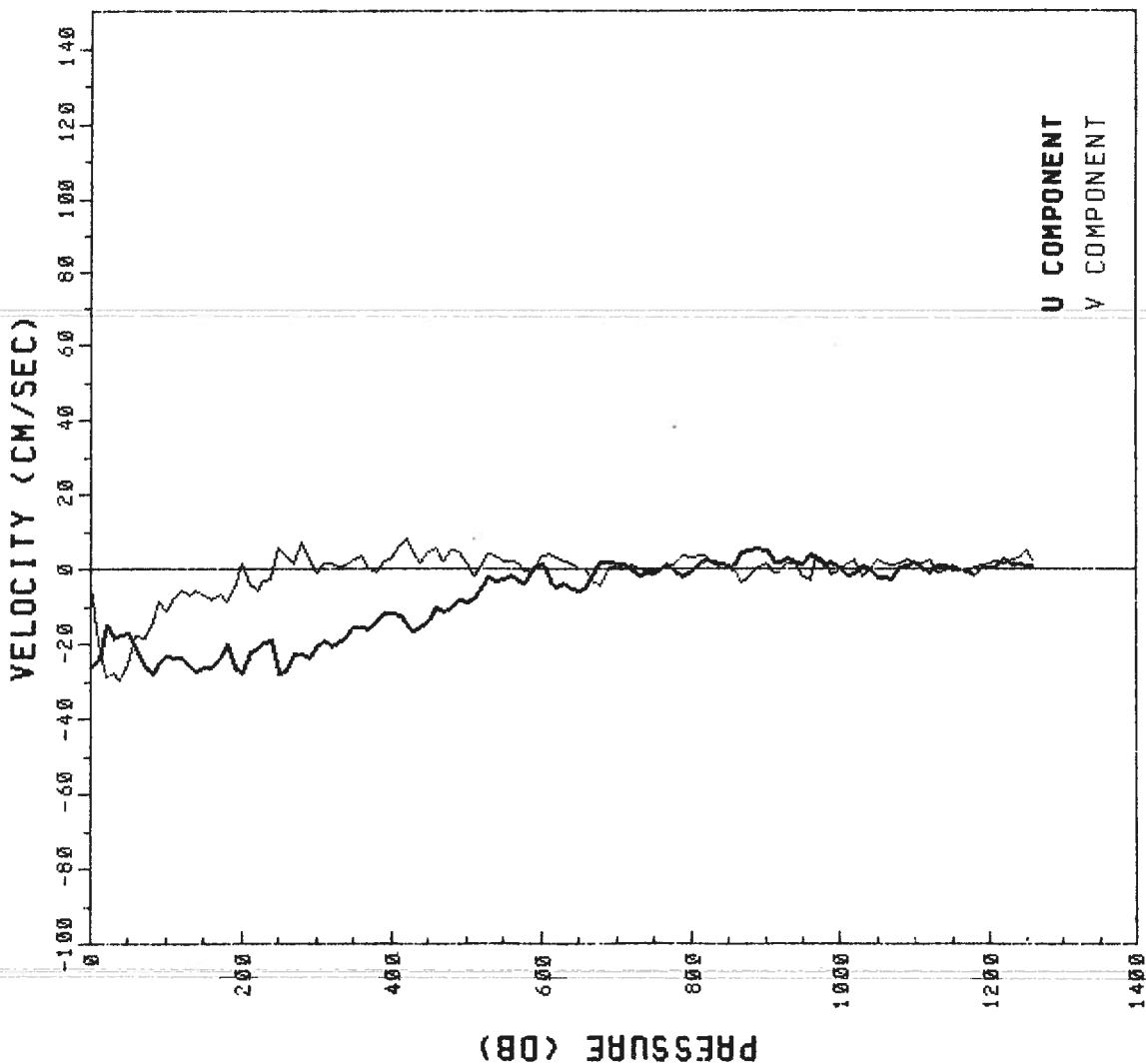
EP6-81-RS PEGASUS 6
 R/V RESEARCHER DATE 11 24 81 TIME 0202 Z
 LATITUDE 10.550 S LONGITUDE 82.023 W



PRESSURE	U	Y	T
0	-3.0	7.4	21.3
10	-1.1	7.6	21.4
20	3.4	1.0	21.0
30	-1.9	8.3	19.5
40	3.1	8.4	18.4
50	7.0	-2.6	17.0
60	6.2	-6.4	15.7
70	11.0	0.2	15.1
80	16.8	6.2	14.7
90	17.0	5.4	14.5
100	18.2	2.6	14.1
110	20.8	2.6	13.8
120	19.9	3.1	13.6
130	17.5	1.2	13.4
140	16.8	-0.2	13.2
150	17.8	1.6	13.1
160	17.7	1.2	13.0
170	16.6	1.2	12.7
180	13.4	3.3	12.7
190	9.3	2.5	12.5
200	9.8	1.4	12.4
220	12.7	6.9	12.2
240	10.3	8.0	11.9
260	11.6	1.9	11.7
280	12.6	9.1	11.5
300	10.0	8.7	11.2
320	12.3	7.7	10.9
340	7.2	7.5	10.6
360	9.6	8.1	10.3
380	8.4	5.3	9.9
400	9.7	-1.5	9.6
450	5.8	9.9	8.6
500	2.4	-2.1	7.9
550	4.4	-1.5	7.3
600	1.5	4.7	6.9
650	1.2	3.0	6.6
700	5.7	2.8	6.0
750	0.1	0.6	5.6
800	3.3	9.2	5.3
850	2.7	8.6	5.0
900	3.4	3.3	4.8
950	1.0	1.5	4.6
1000	-1.5	-0.5	4.4
1100	-0.3	1.7	4.0
1200	3.8	-1.1	3.7
1300	9.4	-3.7	3.4

EP6-81-RS PEGASUS 7
 R/V RESEARCHER DATE 11 24 81
 LATITUDE 10.557 S LONGITUDE 83.518 W
 TIME 1839 Z

PRESSURE (DB)	U	V	T
0	-25.9	-4.1	21.4
10	-23.8	-19.5	21.2
20	-14.4	-28.6	21.0
30	-18.5	-27.7	19.6
40	-16.9	-29.6	18.6
50	-16.2	-24.6	18.5
60	-21.2	-18.0	17.6
70	-25.8	-18.4	15.8
80	-27.1	-13.3	15.0
90	-24.7	-8.5	14.5
100	-23.8	-11.0	14.5
110	-23.4	-7.3	14.1
120	-23.5	-5.0	13.9
130	-25.3	-6.8	13.8
140	-26.8	-5.1	13.6
150	-25.5	-6.9	13.5
160	-25.5	-8.0	13.3
170	-23.1	-6.1	13.2
180	-19.7	-8.7	13.0
190	-25.5	-4.5	12.8
200	-27.0	1.7	12.6
220	-20.8	-5.4	12.4
240	-19.0	-2.4	12.0
260	-26.7	4.3	11.8
280	-22.5	7.4	11.6
300	-20.2	-0.9	11.1
320	-20.2	1.9	10.8
340	-17.9	1.1	10.4
360	-15.0	3.9	10.1
380	-13.7	-0.7	9.8
400	-11.6	3.5	9.5
450	-13.5	5.1	8.6
500	-8.8	1.5	7.9
550	-2.3	2.7	7.0
600	2.2	4.0	6.6
650	-5.1	0.1	6.3
700	1.9	0.5	5.9
750	-1.0	0.5	5.6
800	-0.2	3.8	5.2
850	1.2	0.0	5.0
900	5.5	1.4	4.8
950	2.1	-1.9	4.6
1000	0.6	-0.2	4.4
1100	2.5	2.1	4.0
1200	0.8	0.8	3.7

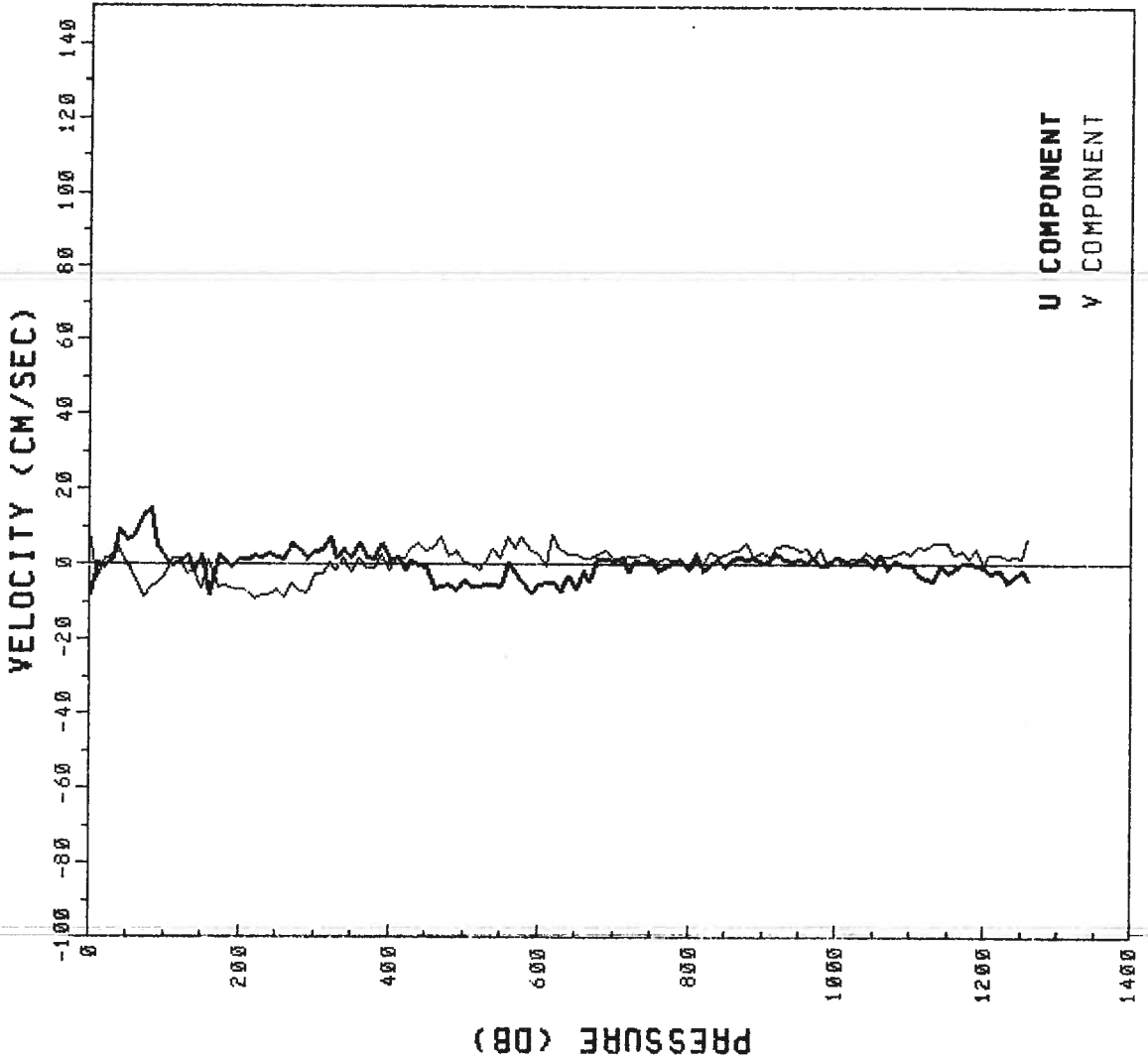


U COMPONENT
 V COMPONENT

EP6-81-RS PEGASUS 8
 R/V RESEARCHER DATE 11 25 81
 LATITUDE 9.975 S LONGITUDE 84.982 W

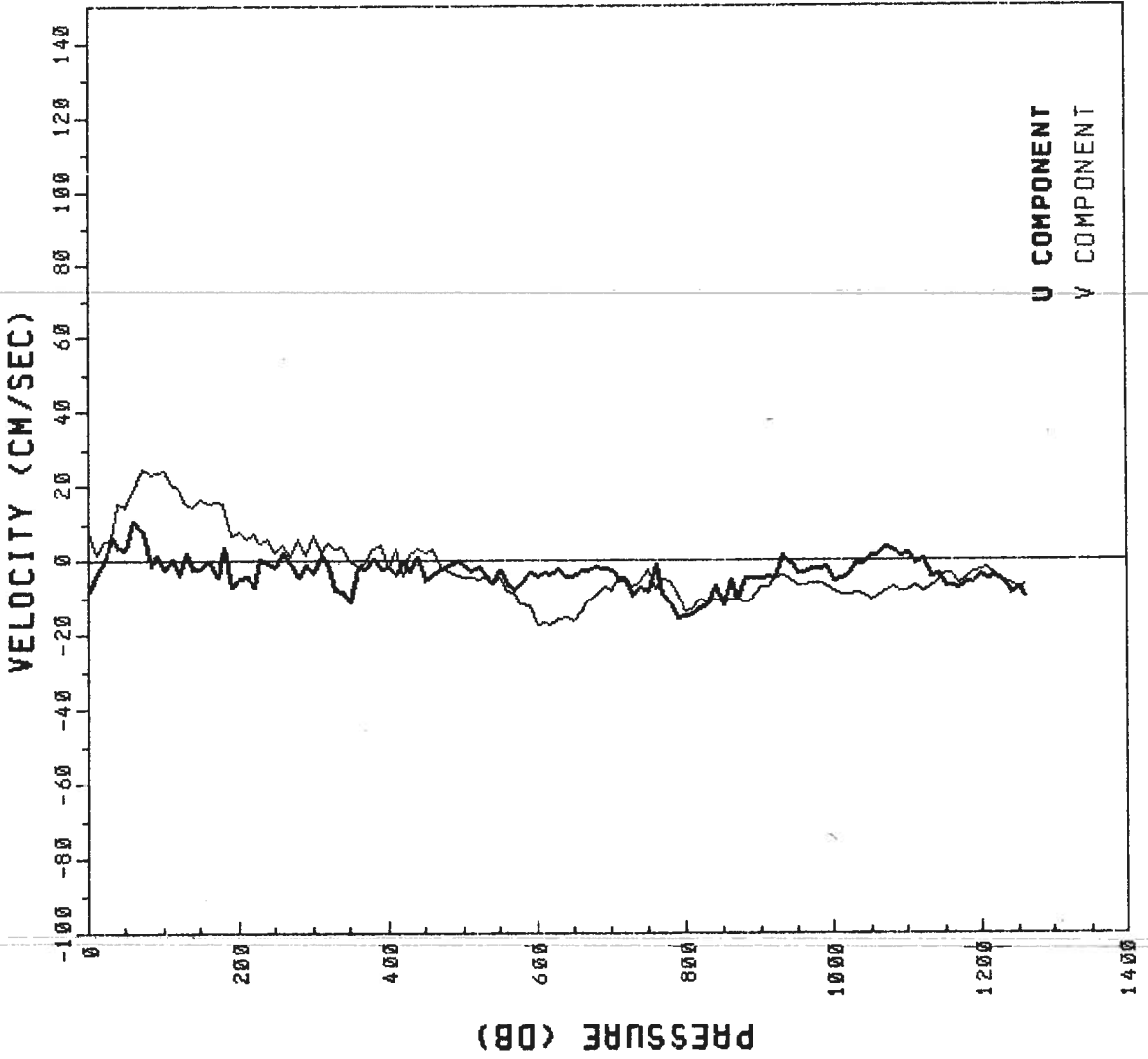
TIME 1646 Z

PRESSURE	U	V	T
0	-7.5	8.9	21.3
10	-0.4	-3.1	21.4
20	-0.4	1.4	21.4
30	2.3	2.4	21.4
40	9.2	5.0	21.0
50	6.9	0.7	20.4
60	8.0	-2.7	19.9
70	13.6	-8.7	19.1
80	15.2	-5.5	18.0
90	5.0	-4.6	16.9
100	2.3	-2.6	15.9
110	0.3	1.6	15.2
120	1.2	1.9	14.6
130	2.9	-2.2	14.2
140	-2.0	-1.2	13.8
150	3.2	-6.3	13.6
160	-7.6	1.2	13.4
170	3.2	-5.6	13.2
180	2.0	-5.2	13.0
190	-0.4	-6.2	12.8
200	2.2	-6.0	12.7
220	3.2	-8.9	12.5
240	3.5	-7.6	12.2
260	2.2	-8.7	12.0
280	4.5	-6.7	11.7
300	4.3	-2.3	11.5
320	7.3	0.6	11.2
340	4.6	2.2	10.9
360	6.1	2.1	10.6
380	2.1	-0.6	10.4
400	-0.3	-1.5	10.1
450	3.7	4.1	9.3
500	-5.1	0.8	8.5
550	-4.8	1.7	7.7
600	-6.0	3.3	7.1
650	1.1	3.3	6.7
700	1.2	1.8	6.2
750	-0.6	1.8	5.9
800	-0.1	-0.4	5.6
850	0.5	3.1	5.3
900	1.7	3.5	5.0
950	2.8	4.1	4.8
1000	0.4	2.8	4.6
1100	-0.1	3.0	4.2
1200	-0.1	-0.5	3.9



EP6-81-RS PEGASUS 9
 R/V RESEARCHER DATE 11 26 81 TIME 1323 Z
 LATITUDE 7.977 S LONGITUDE 84.993 W

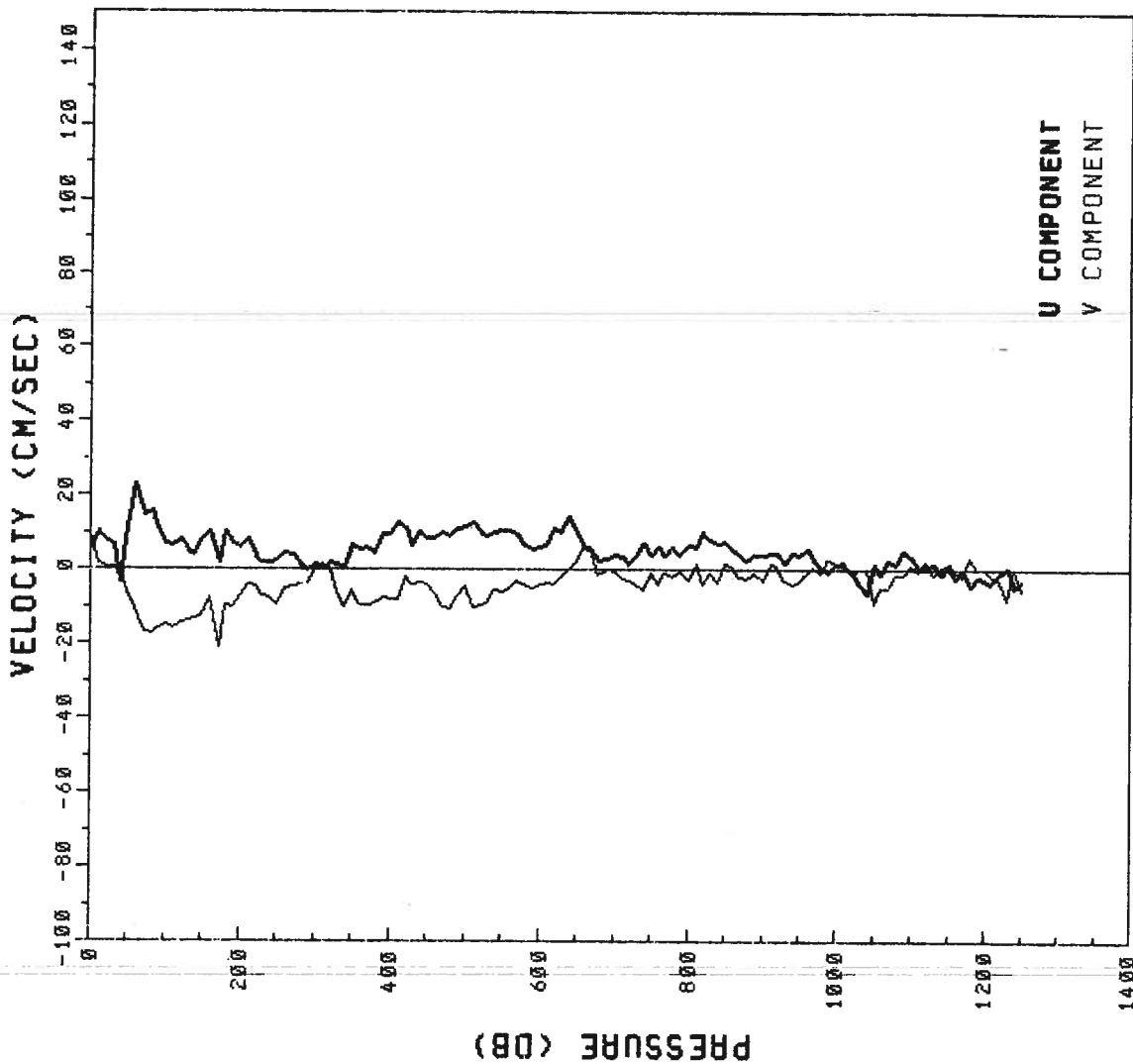
PRESSURE (DB)	U	V	T
10	-6.3	8.2	21.7
20	-2.6	2.0	21.6
30	0.3	5.5	21.6
40	6.5	6.2	20.7
50	4.1	15.8	19.8
60	3.4	14.9	17.5
70	10.7	18.7	15.3
80	7.3	25.0	14.7
90	-1.1	23.4	14.4
100	1.6	24.1	14.1
110	-2.4	24.6	14.0
120	0.7	20.9	13.8
130	-3.6	19.0	13.6
140	2.5	16.0	13.5
150	-1.7	14.8	13.4
160	-1.8	16.7	13.3
170	0.4	16.0	13.2
180	-4.3	16.3	13.1
190	4.1	15.8	13.1
200	-6.7	6.8	13.0
220	-4.4	8.1	12.9
240	-6.6	7.6	12.7
260	-0.4	6.1	12.5
280	2.8	4.6	12.3
300	-4.1	6.0	12.1
320	-3.0	7.1	11.8
340	-1.3	4.9	11.5
360	-8.2	4.0	11.1
380	-1.2	-1.3	10.8
400	0.5	3.7	10.3
450	-1.1	-1.7	9.9
500	-4.7	2.8	8.9
550	-0.6	-4.2	8.1
600	-2.5	-4.2	7.3
650	-3.6	-17.1	6.6
700	-3.7	-16.0	6.4
750	-2.2	-8.1	6.2
800	-7.8	-2.3	5.8
850	-14.7	-13.4	5.5
900	-12.2	-10.8	5.2
950	-4.0	-6.7	5.0
1000	-2.6	-6.0	4.8
1050	-4.9	-7.7	4.6
1100	-2.5	-6.2	4.6
1150	-3.3	-2.3	3.7



U COMPONENT
 V COMPONENT

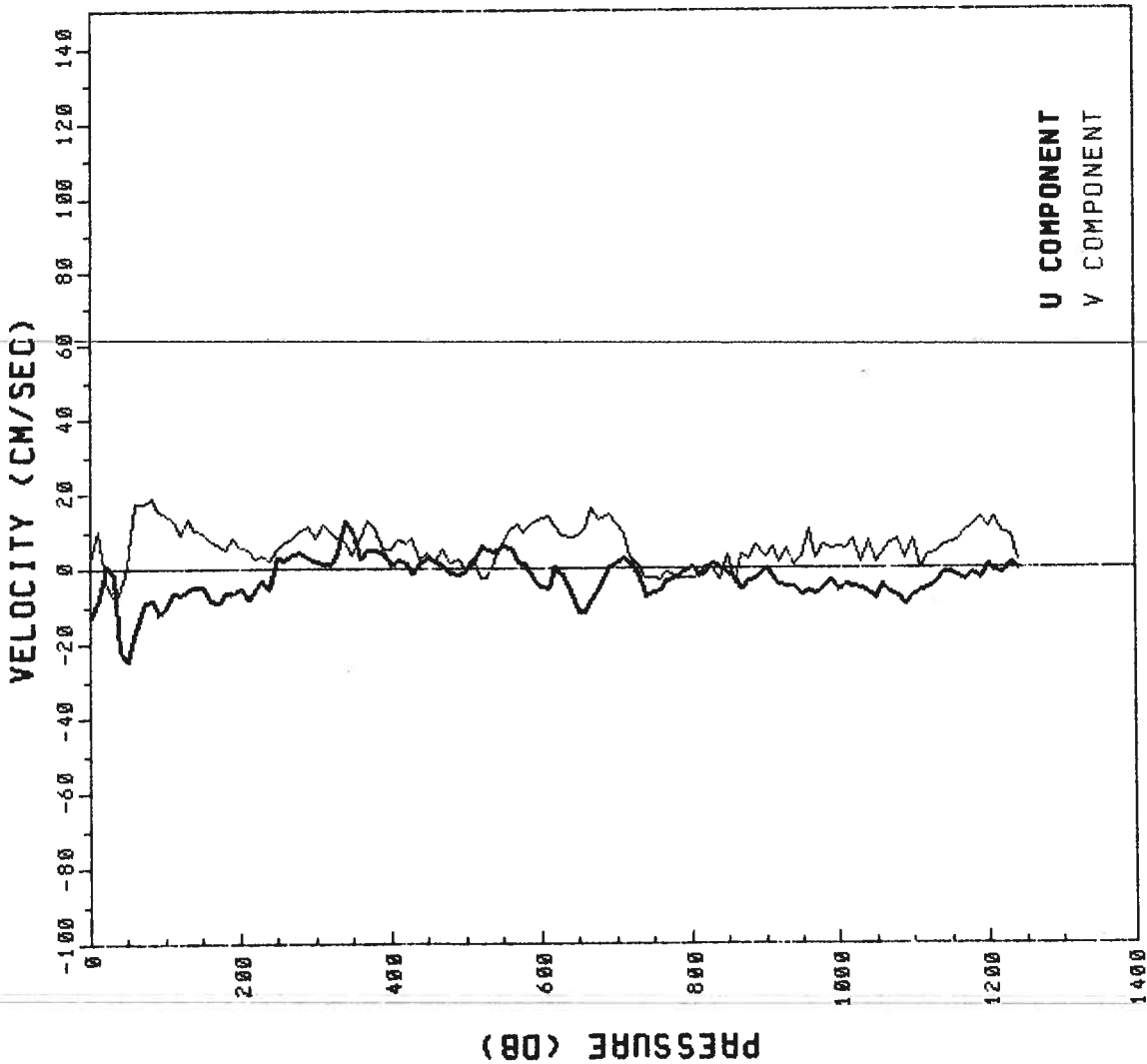
EP6-81-RS PEGASUS 10
 R/V RESEARCHER DATE 11 27 81 TIME 1113 Z
 LATITUDE 5.963 S LONGITUDE 84.982 W

PRESSURE	U	V	T
0	6.2	9.5	22.0
10	10.5	1.5	22.0
20	8.4	0.8	22.0
30	7.1	0.6	21.1
40	-3.2	0.6	20.6
50	11.5	-5.9	18.8
60	23.5	-10.8	17.1
70	15.2	-16.6	15.8
80	16.1	-16.9	15.4
90	10.8	-15.4	14.8
100	7.5	-14.7	14.6
110	7.2	-15.6	14.4
120	8.5	-14.2	14.2
130	5.7	-13.3	14.1
140	4.5	-12.9	14.1
150	8.5	-11.9	13.9
160	10.6	-7.1	13.8
170	1.9	-20.8	13.7
180	10.2	-9.4	13.6
190	7.7	-10.1	13.5
200	6.5	-6.8	13.4
220	3.9	-4.3	13.1
240	2.8	-7.0	12.8
260	5.1	-4.8	12.6
280	2.1	-3.7	12.3
300	1.6	0.1	12.0
320	2.4	0.4	11.5
340	0.7	-10.2	11.1
360	6.2	-9.8	10.6
380	4.9	-9.3	10.1
400	9.9	-8.3	9.6
450	9.0	-3.6	9.0
500	12.3	-4.0	8.4
550	10.7	-5.7	7.8
600	6.4	-3.5	7.3
650	9.9	2.6	6.8
700	4.4	-0.3	6.6
750	4.3	-1.0	6.1
800	7.0	-2.7	5.7
850	7.8	2.1	5.4
900	4.7	-3.0	5.0
950	4.6	-2.8	4.5
1000	1.7	-2.3	4.5
1100	4.1	1.2	3.9
1200	-2.2	0.0	3.7



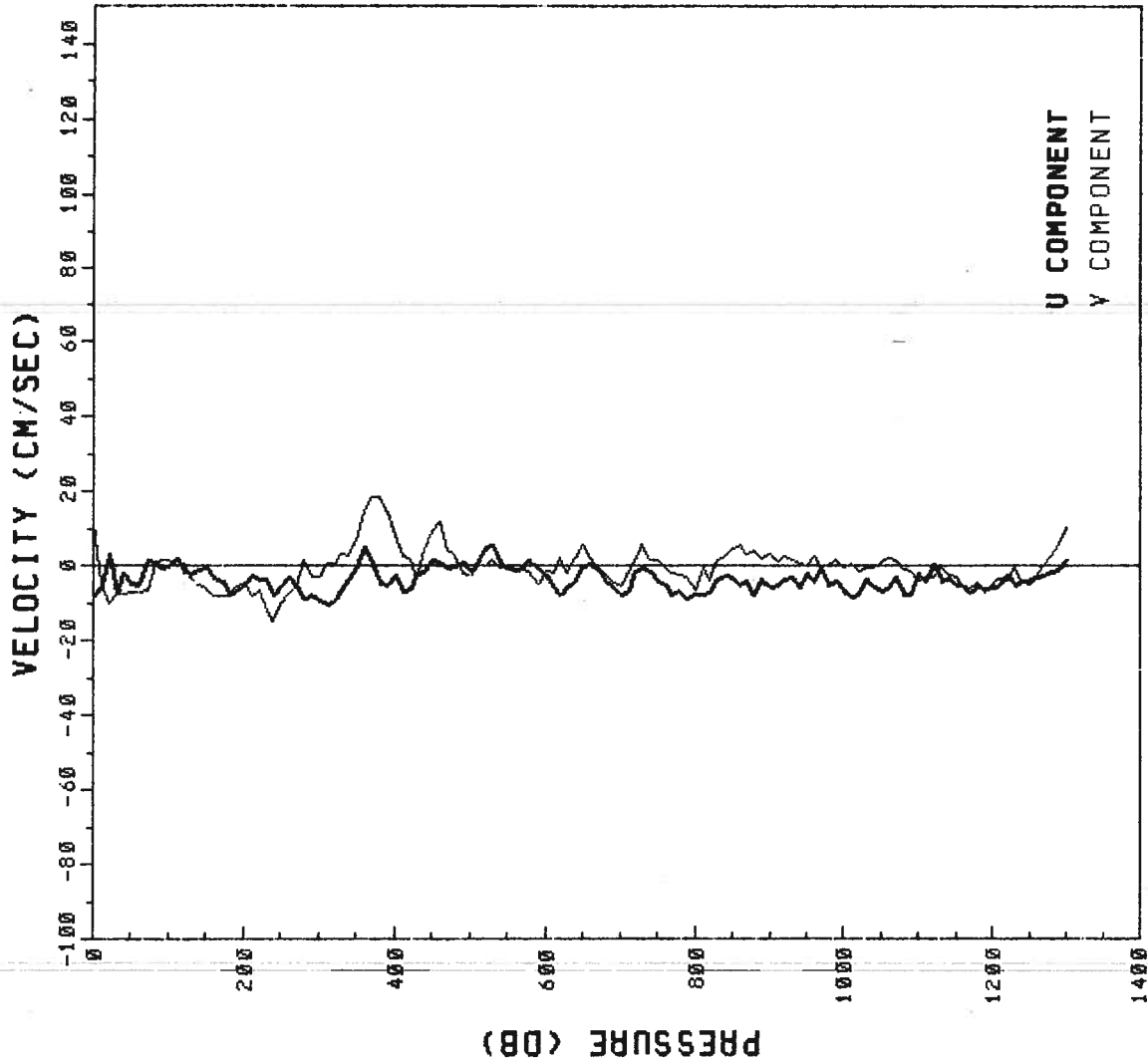
EP6-81-RS PEGASUS 11
 R/V RESEARCHER DATE 11 28 81 TIME 0732 Z
 LATITUDE 5.168 S LONGITUDE 83.462 W

VELOCITY (CM/SEC)	U	V	T
0	-12.4	3.2	21.8
10	-7.3	10.2	21.8
20	1.0	-3.3	21.8
30	-1.5	-6.5	19.8
40	-21.7	-6.2	17.2
50	-24.4	0.8	16.2
60	-16.0	17.5	15.4
70	-8.7	17.7	14.7
80	-7.8	19.4	14.5
90	-11.7	15.7	14.4
100	-10.3	15.0	14.3
110	-5.5	13.4	14.2
120	-6.5	9.5	14.1
130	-4.6	13.6	14.1
140	-4.3	10.2	13.9
150	-4.4	9.7	13.9
160	-8.2	8.0	13.8
170	-8.6	6.5	13.7
180	-5.5	5.3	13.6
190	-5.9	8.3	13.4
200	-4.8	6.2	13.4
220	-4.6	3.3	13.1
240	-4.7	2.4	12.9
260	2.9	7.5	12.6
280	5.1	10.4	12.3
300	2.6	8.7	11.9
320	1.5	9.8	11.2
340	13.3	7.7	10.8
360	3.1	7.9	10.3
380	5.4	10.9	9.9
400	1.3	5.5	9.7
450	3.6	4.4	9.1
500	-0.2	0.4	8.5
550	6.7	7.2	7.9
600	-4.4	13.8	7.3
650	-11.0	9.1	6.7
700	2.2	12.4	6.3
750	-5.9	-2.4	5.8
800	0.7	-2.5	5.5
850	-0.6	4.3	5.3
900	0.3	3.7	5.1
950	-6.0	3.8	4.8
1000	-5.1	5.9	4.6
1100	-6.9	8.0	4.2
1200	0.9	11.1	3.8



EP6-81-RS PEGASUS 12
 R/V RESEARCHER DATE 11 28 81 TIME 2048 Z
 LATITUDE 5.147 S LONGITUDE 82.482 W

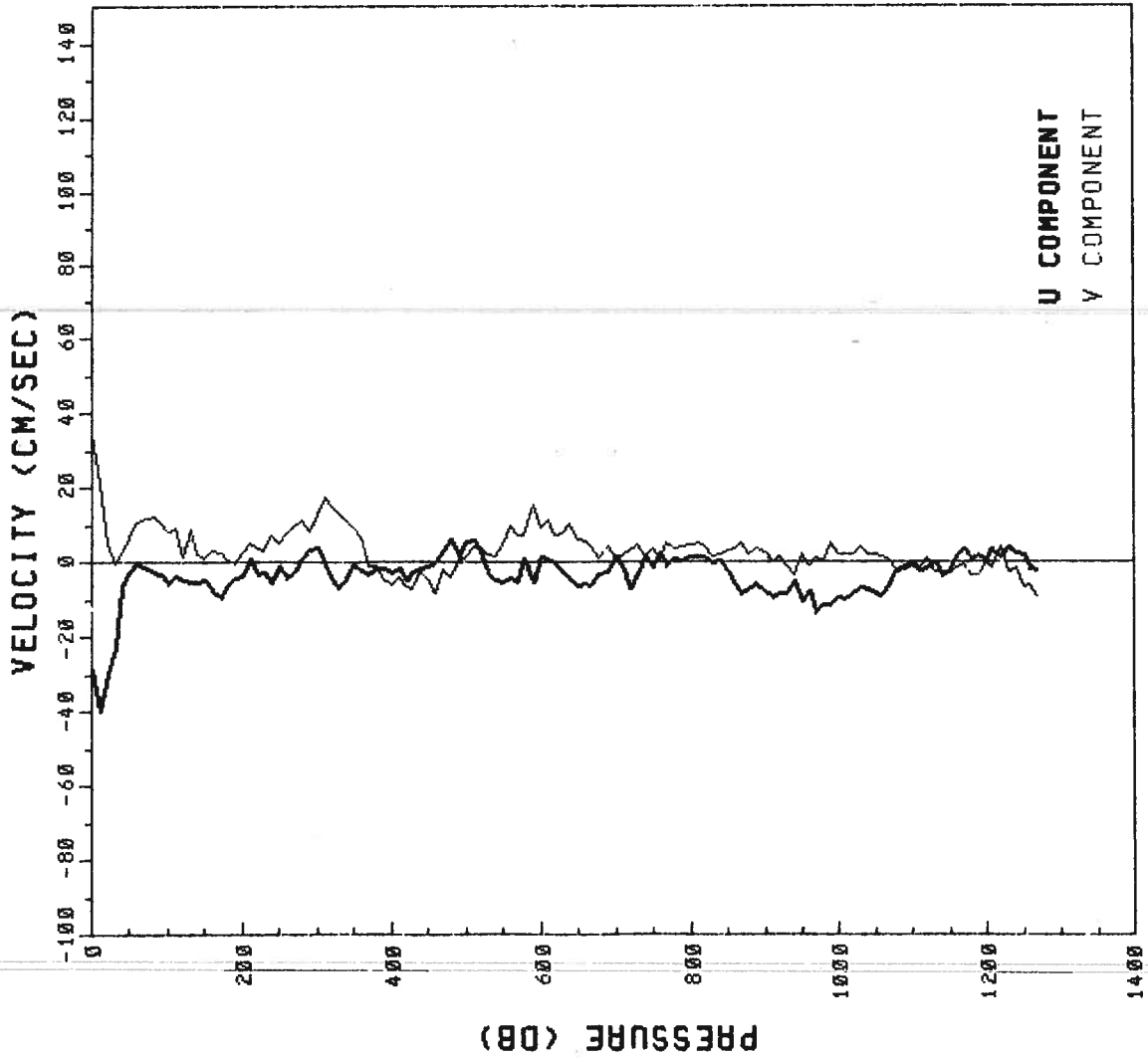
PRESSURE (DB)	U	V	T
0	-8.0	11.6	20.7
10	-5.2	-4.1	20.2
20	-3.5	-10.3	19.4
30	-7.0	-7.4	17.6
40	-1.7	-7.1	16.8
50	-4.0	-6.8	15.4
60	-4.5	-6.5	14.7
70	-2.0	-6.0	14.4
80	1.1	-6.6	14.3
90	-0.2	1.5	14.2
100	0.3	1.6	14.2
110	2.5	0.1	14.1
120	-1.3	0.7	14.1
130	-1.6	-3.1	14.0
140	-1.0	-4.5	13.9
150	-0.4	-5.9	13.9
160	-2.9	-8.0	13.8
170	-3.8	-7.7	13.6
180	-7.0	-7.7	13.4
190	-6.4	-5.1	13.4
200	-4.7	-4.2	13.2
220	-3.3	-6.2	13.0
240	-7.8	-14.4	12.9
260	-2.9	-7.3	12.7
280	-9.0	-1.8	12.5
300	-9.1	-2.6	12.1
320	-9.3	0.5	12.0
340	-3.4	3.2	11.5
360	5.7	15.0	11.0
380	-4.4	18.8	10.6
400	-2.5	8.3	10.2
450	2.2	9.6	9.1
500	-1.1	-3.0	8.2
550	-0.2	0.3	7.6
600	-2.3	-1.5	7.1
650	0.3	5.9	6.6
700	-7.0	-5.1	6.2
750	-3.6	1.4	5.7
800	-7.3	-6.0	5.4
850	-2.9	5.1	5.2
900	-5.1	3.5	5.0
950	-1.7	0.0	4.8
1000	-6.2	-0.2	4.6
1100	-1.8	-3.9	4.0
1200	-5.3	-4.8	3.7
1300	2.1	10.4	3.4



U COMPONENT
 V COMPONENT

EP6-81-RS PEGASUS 13
 R/V RESEARCHER DATE 11 29 81 TIME 0704 Z
 LATITUDE 5.103 S LONGITUDE 81.507 W

PRESSURE	U	V	T
0	-28.6	35.3	19.5
10	-39.8	21.3	19.3
20	-29.5	5.3	17.7
30	-22.9	-0.1	16.0
40	-6.0	2.4	14.9
50	-2.4	7.2	14.6
60	0.1	11.0	14.5
70	-1.4	12.4	14.4
80	-2.4	12.7	14.3
90	-2.9	10.9	14.3
100	-5.1	8.6	14.2
110	-3.3	9.4	14.2
120	-4.0	1.6	14.1
130	-4.6	8.9	14.0
140	-4.8	2.8	13.9
150	-4.0	1.1	13.9
160	-6.7	3.8	13.8
170	-8.9	3.0	13.8
180	-5.9	0.8	13.7
190	-3.9	-0.5	13.6
200	-3.1	2.9	13.5
220	-2.7	3.9	13.3
240	-5.0	7.4	13.1
260	-3.7	8.0	12.7
280	0.9	12.0	12.0
300	4.4	13.2	11.6
320	-4.0	15.5	11.3
340	-4.2	11.7	10.8
360	-1.6	6.9	10.2
380	-1.4	-0.7	9.7
400	-2.4	-5.7	9.4
450	-0.7	-4.0	8.7
500	6.1	1.6	8.3
550	-4.7	5.1	8.0
600	1.5	9.6	7.3
650	-5.8	6.6	6.9
700	2.2	1.2	6.5
750	-1.4	4.3	6.0
800	2.1	5.0	5.6
850	-2.5	3.5	5.1
900	-7.4	3.0	4.8
950	-10.8	2.8	4.7
1000	-8.9	2.4	4.3
1100	-0.3	0.1	4.0
1200	0.7	0.3	3.8

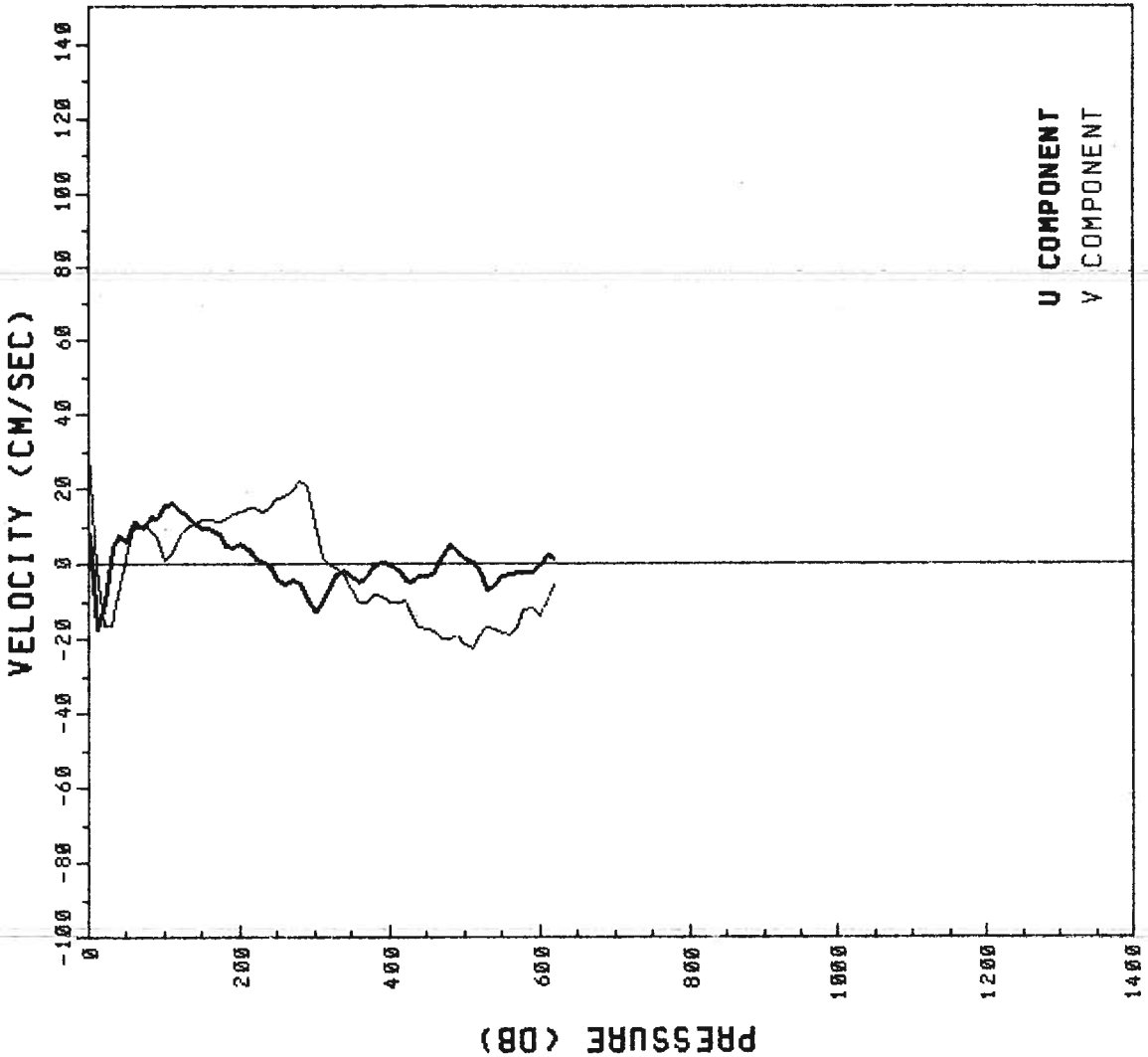


U COMPONENT
 V COMPONENT

EP6-81-RS PEGASUS 14
 R/V RESEARCHER DATE 11 30 81
 LATITUDE 5.103 S LONGITUDE 81.507 W

TIME 2320 Z

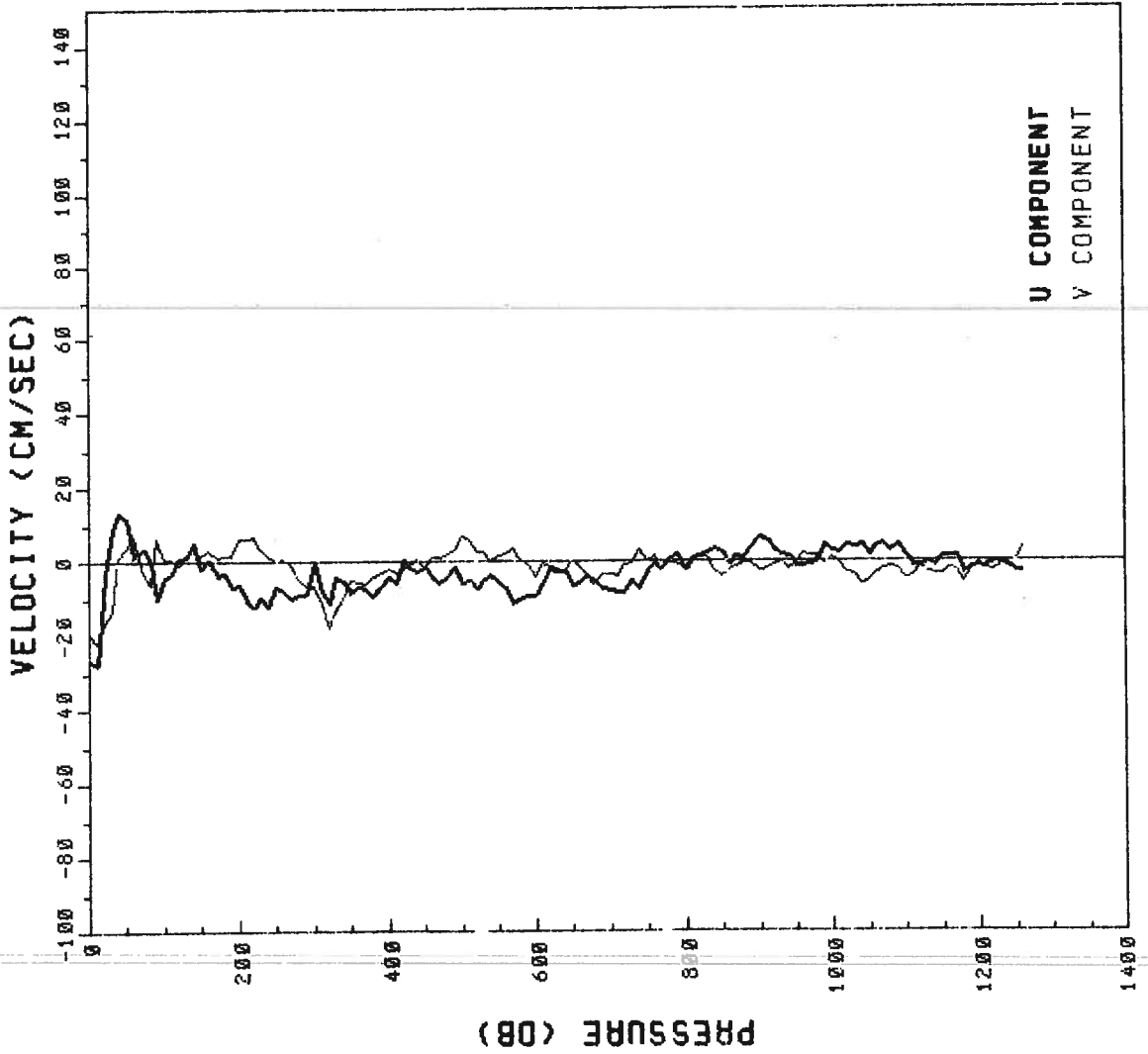
PRESSURE (DB)	U	V	T
0	8.6	30.5	18.7
10	-16.7	-0.7	18.1
20	-10.3	-16.0	17.1
30	4.5	-16.0	15.9
40	8.0	-7.6	14.9
50	6.7	2.2	14.6
60	12.1	10.0	14.5
70	10.1	10.5	14.4
80	13.2	9.0	14.3
90	12.8	7.4	14.2
100	16.3	1.1	14.2
110	16.8	3.6	14.1
120	14.6	8.1	14.1
130	13.4	10.0	14.0
140	11.4	11.0	13.9
150	9.7	12.5	13.9
160	9.8	12.4	13.8
170	8.4	11.4	13.8
180	5.5	12.6	13.7
190	5.0	13.7	13.7
200	6.2	14.2	13.7
220	1.5	15.2	13.6
240	-0.2	15.4	13.5
260	-4.7	18.2	13.3
280	-4.9	22.6	13.1
300	-12.7	11.0	12.2
320	-4.6	-0.5	10.4
340	-1.3	-3.0	9.7
360	-4.2	-10.1	9.6
380	0.0	-8.1	9.4
400	0.2	-9.9	9.1
450	-2.7	-17.0	8.7
500	1.8	-21.3	8.3
550	-2.9	-18.5	8.1
600	0.3	-13.4	7.4



U COMPONENT
 V COMPONENT

EP6-81-RS PEGASUS 18
 R/V RESEARCHER DATE 12 02 81
 LATITUDE 3.320 S LONGITUDE 84.993 W
 TIME 1258 Z

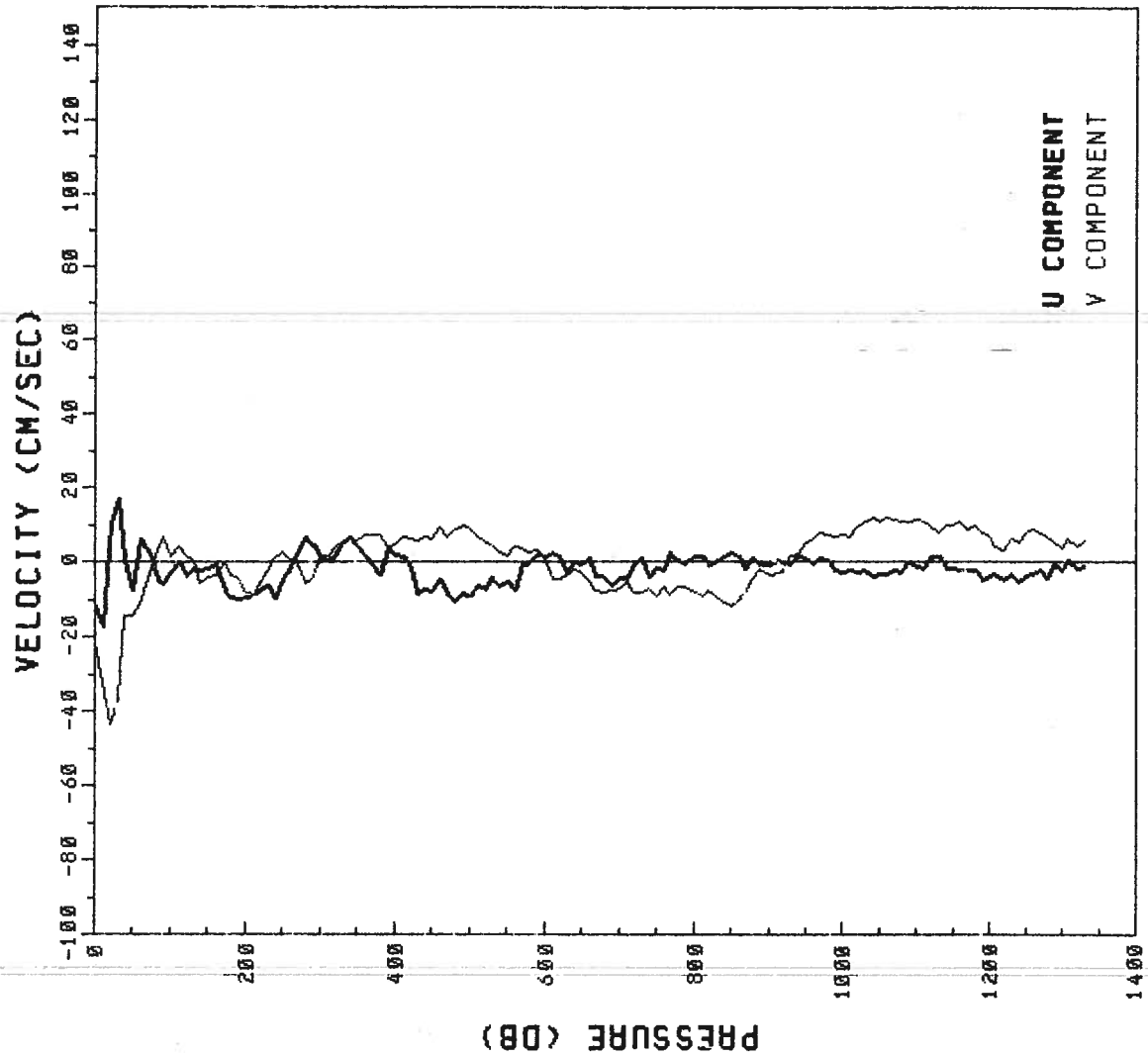
PRESSURE (DB)	U	V	T
0	-26.4	-19.3	21.8
10	-27.5	-21.8	21.7
20	-3.1	-15.9	20.6
30	8.8	-13.2	17.3
40	13.8	1.3	16.0
50	12.2	4.3	15.8
60	1.6	7.1	15.7
70	4.3	-2.7	15.2
80	0.0	-5.9	14.8
90	-10.2	6.3	14.7
100	-3.7	0.5	14.6
110	-2.9	0.5	14.6
120	1.0	-1.0	14.4
130	2.3	4.5	14.2
140	5.3	2.1	14.1
150	-1.9	3.8	14.0
160	0.8	0.9	13.9
170	-3.3	2.2	13.9
180	-2.8	1.7	13.7
190	-6.3	6.4	13.6
200	-5.6	6.9	13.3
220	-12.0	1.9	13.1
240	-12.1	0.8	12.8
260	-7.3	-4.4	12.4
280	-8.8	0.0	11.9
300	0.0	-6.3	11.4
320	-11.2	-17.5	10.9
340	-4.8	-10.2	10.3
360	-6.0	-5.4	10.0
380	-8.9	-3.7	10.0
400	-3.5	-1.9	9.8
450	-1.4	-1.3	9.1
500	-5.4	7.0	8.6
550	-4.9	1.5	8.2
600	-8.9	-3.6	7.8
650	-5.7	0.6	7.1
700	-7.0	-3.4	6.4
750	-2.4	0.2	5.9
800	-2.2	-2.0	5.5
850	2.9	-3.6	5.2
900	7.0	-2.4	5.0
950	-0.8	-0.4	4.8
1000	3.6	1.1	4.5
1100	1.4	-4.1	4.1
1200	-1.0	-0.5	3.7



U COMPONENT
 V COMPONENT

EP6-81-RS PEGASUS 19
 R/V RESEARCHER DATE 12 03 81
 LATITUDE 2.493 S LONGITUDE 85.015 W

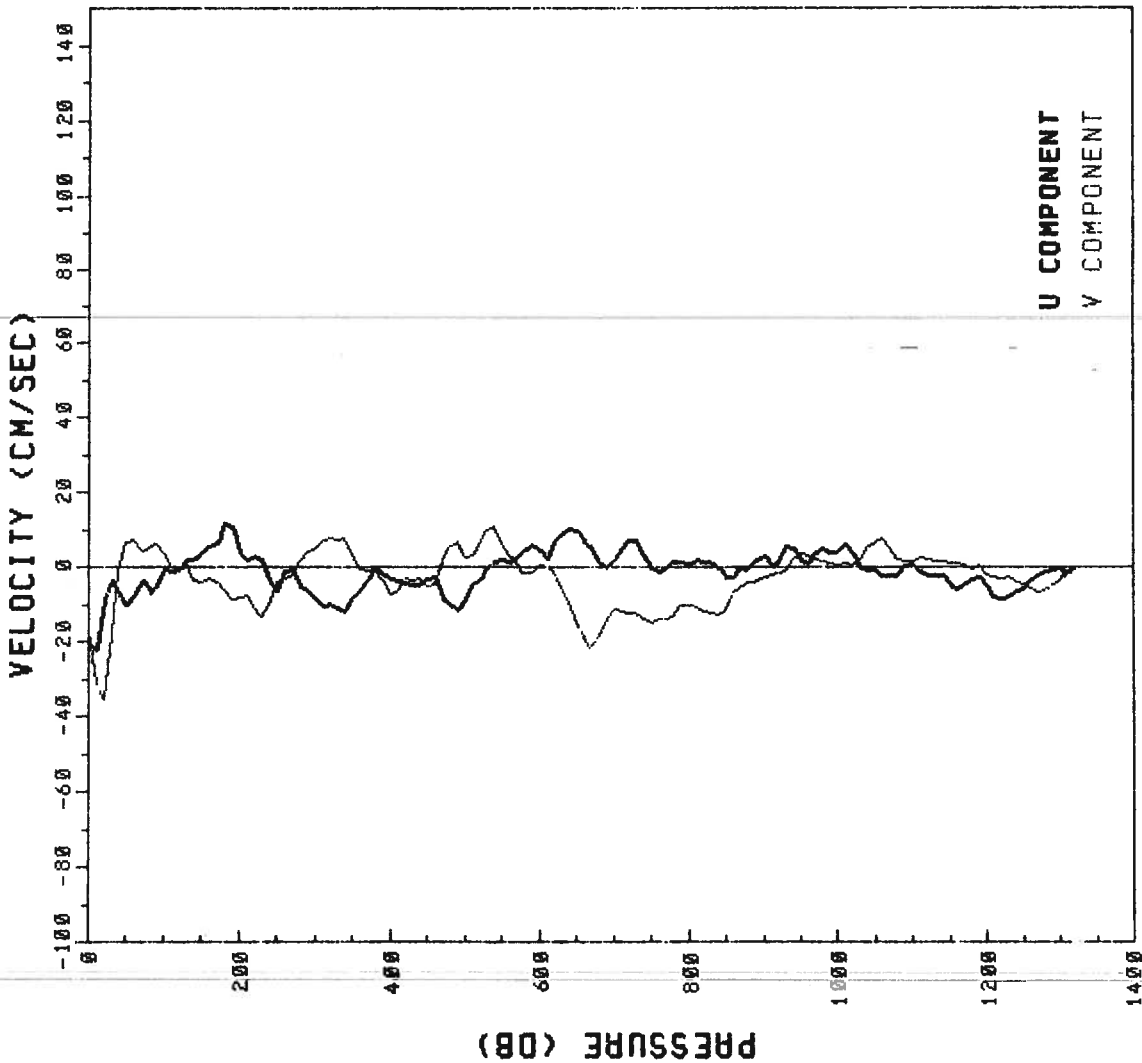
TIME 0323 Z



PRESSURE	U	V	T
0	-11.7	-21.3	22.3
10	-17.1	-31.9	22.3
20	10.5	-43.1	22.0
30	17.4	-36.5	20.8
40	0.7	-13.8	19.8
50	-7.3	-14.2	19.1
60	6.6	-11.2	16.7
70	2.6	-2.8	15.9
80	-4.4	3.8	15.6
90	-5.2	6.9	15.4
100	-2.5	2.0	15.3
110	0.4	4.5	15.3
120	-3.2	1.7	15.1
130	-1.1	0.1	14.9
140	-2.0	-5.4	14.8
150	-1.1	-3.8	14.8
160	-0.4	-3.1	14.7
170	-7.2	0.4	14.6
180	-9.3	-3.2	14.6
190	-9.8	-4.4	14.4
200	-9.1	-7.5	14.3
220	-6.5	-4.9	14.1
240	-9.4	1.0	13.9
260	-1.4	0.5	13.6
280	7.0	-5.2	13.0
300	0.9	1.5	12.5
320	2.5	4.6	11.9
340	7.0	6.3	11.8
360	2.1	7.4	11.5
380	-3.3	7.5	11.4
400	-2.8	5.1	10.8
450	-7.3	6.3	10.0
500	-9.2	9.1	9.3
550	-4.9	1.8	8.4
600	2.1	1.1	7.7
650	-0.1	-2.6	6.9
700	-3.9	-6.5	6.3
750	-1.4	-8.9	5.8
800	2.1	-7.8	5.5
850	3.0	-11.7	5.3
900	-0.3	-3.3	5.1
950	1.0	5.5	4.8
1000	-2.3	7.7	4.6
1100	-1.0	11.8	4.2
1200	-3.3	7.0	3.9
1300	-1.8	3.9	3.5

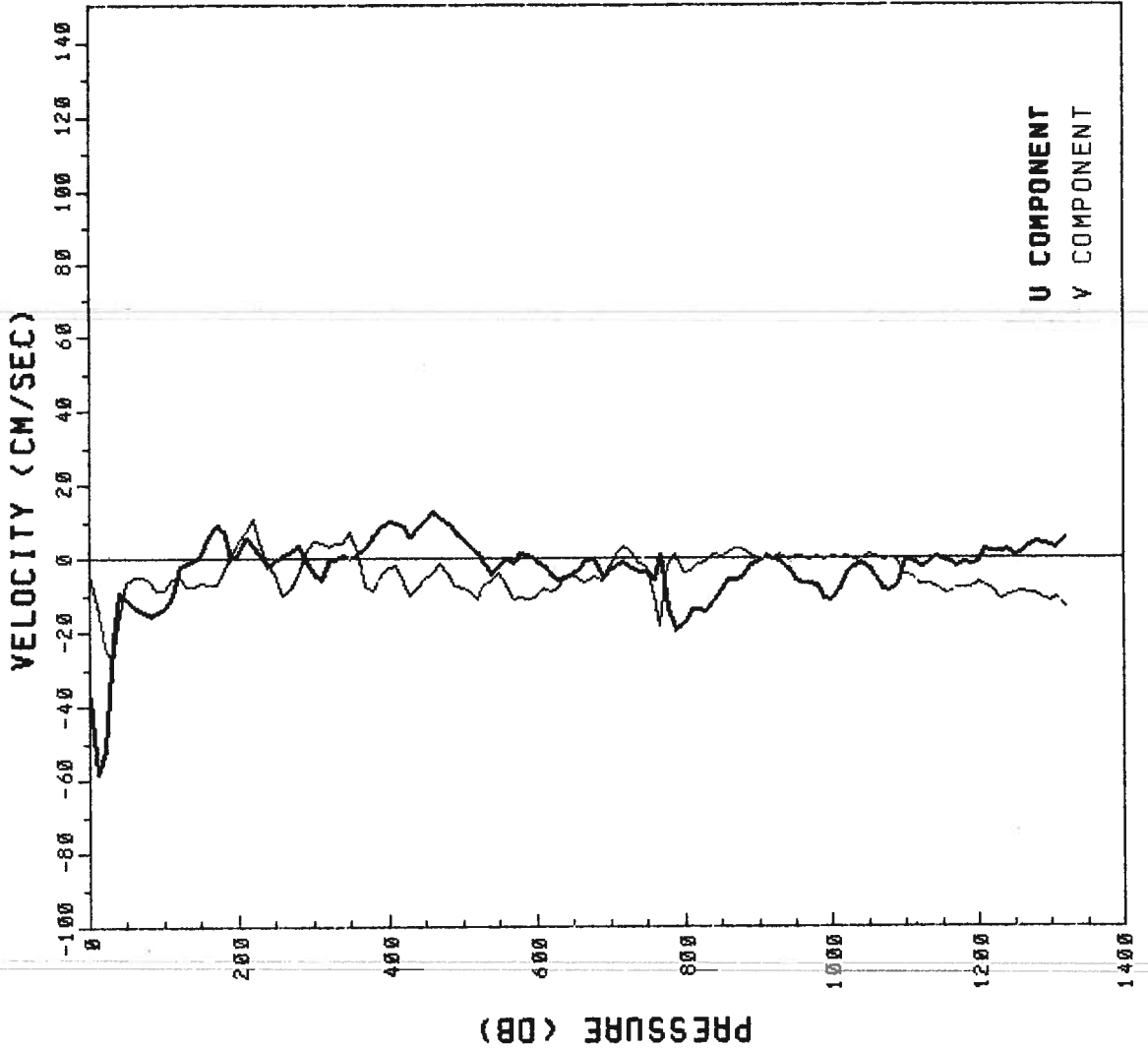
EP6-81-RS PEGASUS 20
 R/V RESEARCHER DATE 12 03 81 TIME 1607 Z
 LATITUDE 1.490 S LONGITUDE 84.988 W

PRESSURE	U	V	T
0	-20.5	-16.3	24.0
10	-21.6	-31.1	23.6
20	-8.6	-34.9	23.0
30	-3.4	-17.3	19.7
40	-6.1	-0.9	18.4
50	-10.2	6.8	17.5
60	-7.4	7.3	16.6
70	-3.4	4.8	16.1
80	-6.0	5.9	15.7
90	-4.9	6.5	15.5
100	-0.5	4.3	15.4
110	-1.0	0.4	15.2
120	-0.5	-0.7	15.1
130	2.4	0.5	15.0
140	2.6	-3.1	14.8
150	4.3	-3.5	14.6
160	5.9	-2.6	14.5
170	7.1	-3.6	14.5
180	12.2	-5.8	14.3
190	11.0	-8.7	14.2
200	4.8	-7.9	14.0
220	3.6	-11.3	13.7
240	-3.2	-10.0	13.3
260	-1.0	-2.7	12.7
280	-4.9	2.0	12.5
300	-7.9	5.5	12.2
320	-9.6	8.0	12.1
340	-11.6	7.9	11.9
360	-5.9	-0.3	11.4
380	0.1	-0.9	10.7
400	-2.8	-6.5	10.4
450	-2.7	-4.6	9.8
500	-8.7	3.3	8.9
550	2.6	6.7	8.4
600	4.9	0.5	7.6
650	9.9	-14.7	6.8
700	2.8	-11.3	6.3
750	0.2	-14.4	6.0
800	1.0	-10.0	5.8
850	-2.3	-10.9	5.7
900	3.6	-2.2	5.6
950	2.5	3.9	5.2
1000	4.7	0.8	4.9
1100	0.9	2.3	4.4
1200	-4.9	-1.9	3.9
1300	0.1	-3.1	3.6



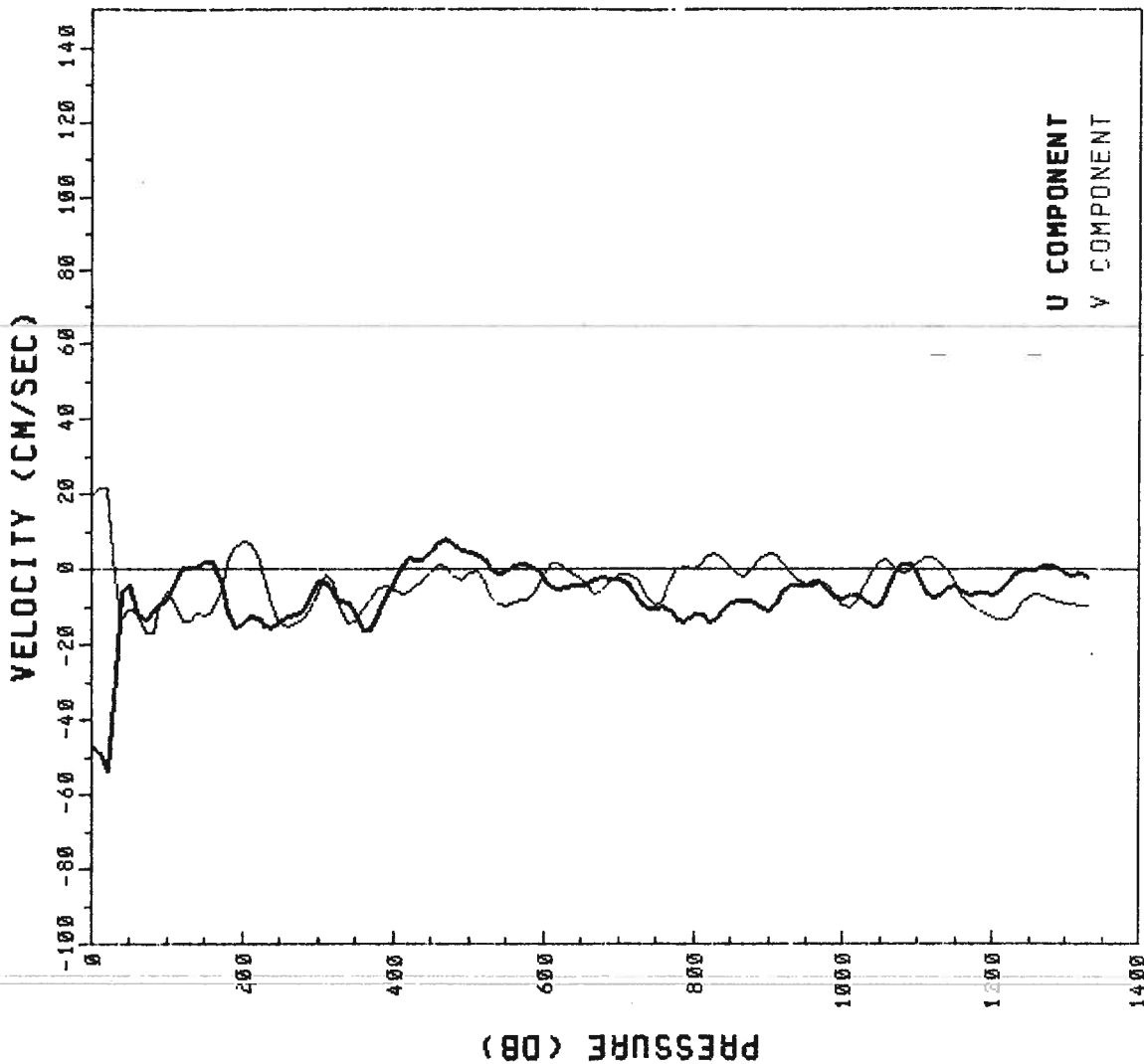
EP6-81-RS PEGASUS 21
 R/V RESEARCHER DATE 12 04 81 TIME 0232 Z
 LATITUDE 0.645 S LONGITUDE 84.970 W

PRESSURE	U	V	T
0	-37.1	-4.0	24.4
10	-58.5	-12.2	24.2
20	-51.6	-23.4	22.4
30	-21.7	-28.0	17.5
40	-9.3	-16.8	16.3
50	-10.4	-6.3	15.9
60	-12.4	-4.8	15.5
70	-14.0	-4.9	15.4
80	-15.0	-6.3	15.3
90	-13.9	-8.7	15.2
100	-12.9	-8.5	15.2
110	-10.3	-5.3	15.1
120	-1.9	-4.9	14.9
130	-0.9	-7.1	14.8
140	-0.1	-7.4	14.8
150	1.1	-6.1	14.7
160	6.3	-6.5	14.5
170	9.2	-6.7	14.2
180	8.0	-3.7	14.2
190	0.2	0.4	14.0
200	1.9	5.1	13.9
220	3.4	11.1	13.8
240	-1.7	-1.3	13.5
260	1.0	-10.2	13.2
280	4.1	-4.3	13.1
300	-3.5	5.1	12.7
320	0.2	3.6	12.1
340	1.2	4.7	11.6
360	2.2	1.0	11.4
380	6.5	-9.1	10.7
400	10.2	-2.5	10.7
450	10.4	-5.2	9.6
500	5.8	-8.1	9.0
550	-1.6	-3.9	8.2
600	-0.3	-10.1	7.5
650	-3.8	-4.0	7.1
700	-3.0	-1.9	6.5
750	-3.2	-2.2	6.3
800	-16.9	-3.5	5.9
850	-8.5	0.8	5.5
900	-0.2	0.0	5.3
950	-5.3	0.8	4.9
1000	-11.2	0.7	4.6
1100	-0.2	-4.0	4.3
1200	-0.7	-6.0	3.8
1300	4.1	-11.8	3.4



U COMPONENT
 V COMPONENT

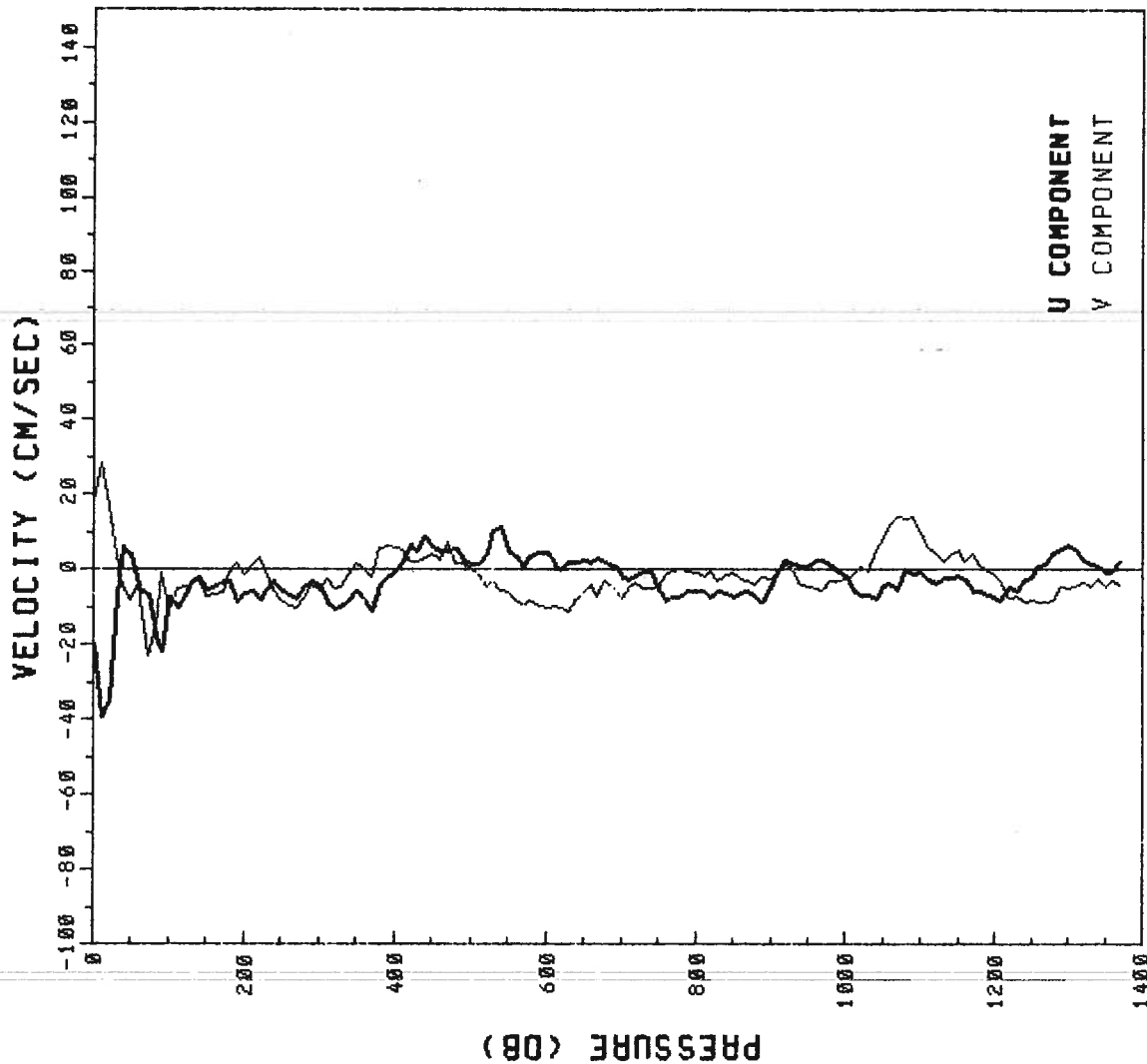
EP6-81-RS PEGASUS 22
 R/V RESEARCHER DATE 12 04 81 TIME 1401 Z
 LATITUDE 0.017 N LONGITUDE 85.052 W



PRESSURE	U	V	T
0	-46.0	19.8	24.8
10	-48.7	22.3	24.8
20	-53.6	22.3	24.2
30	-28.2	-1.8	18.7
40	-5.5	-13.1	15.1
50	-3.9	-10.7	15.8
60	-11.2	-10.9	15.4
70	-13.0	-16.4	15.1
80	-10.7	-16.5	15.0
90	-9.0	-9.7	14.9
100	-7.1	-5.7	14.8
110	-2.6	-8.9	14.8
120	0.5	-13.3	14.6
130	0.6	-13.3	14.5
140	0.6	-11.7	14.3
150	2.5	-12.2	14.2
160	2.4	-11.2	14.1
170	-3.6	-5.5	14.0
180	-11.6	1.4	13.9
190	-15.2	5.8	13.7
200	-14.1	7.7	13.6
220	-12.6	4.0	13.6
240	-14.9	-9.1	13.3
260	-11.9	-14.8	13.1
280	-10.8	-13.0	13.0
300	-2.9	-5.5	12.4
320	-6.4	-3.2	11.8
340	-8.6	-13.9	11.3
360	-15.7	-10.7	10.9
380	-11.1	-4.7	10.4
400	-3.2	-5.2	10.1
450	4.9	-0.6	9.2
500	5.0	-1.0	8.6
550	-0.1	-9.4	7.7
600	-2.3	-1.4	7.4
650	-3.6	-2.4	6.8
700	-2.5	-1.3	6.5
750	-10.1	-9.6	6.2
800	-11.5	0.3	5.8
850	-8.7	0.6	5.5
900	-10.6	4.6	5.2
950	-3.6	-3.9	5.0
1000	-7.3	-9.7	4.7
1100	-1.5	2.1	4.1
1200	-6.3	-12.4	3.8
1300	-1.0	-9.0	3.5

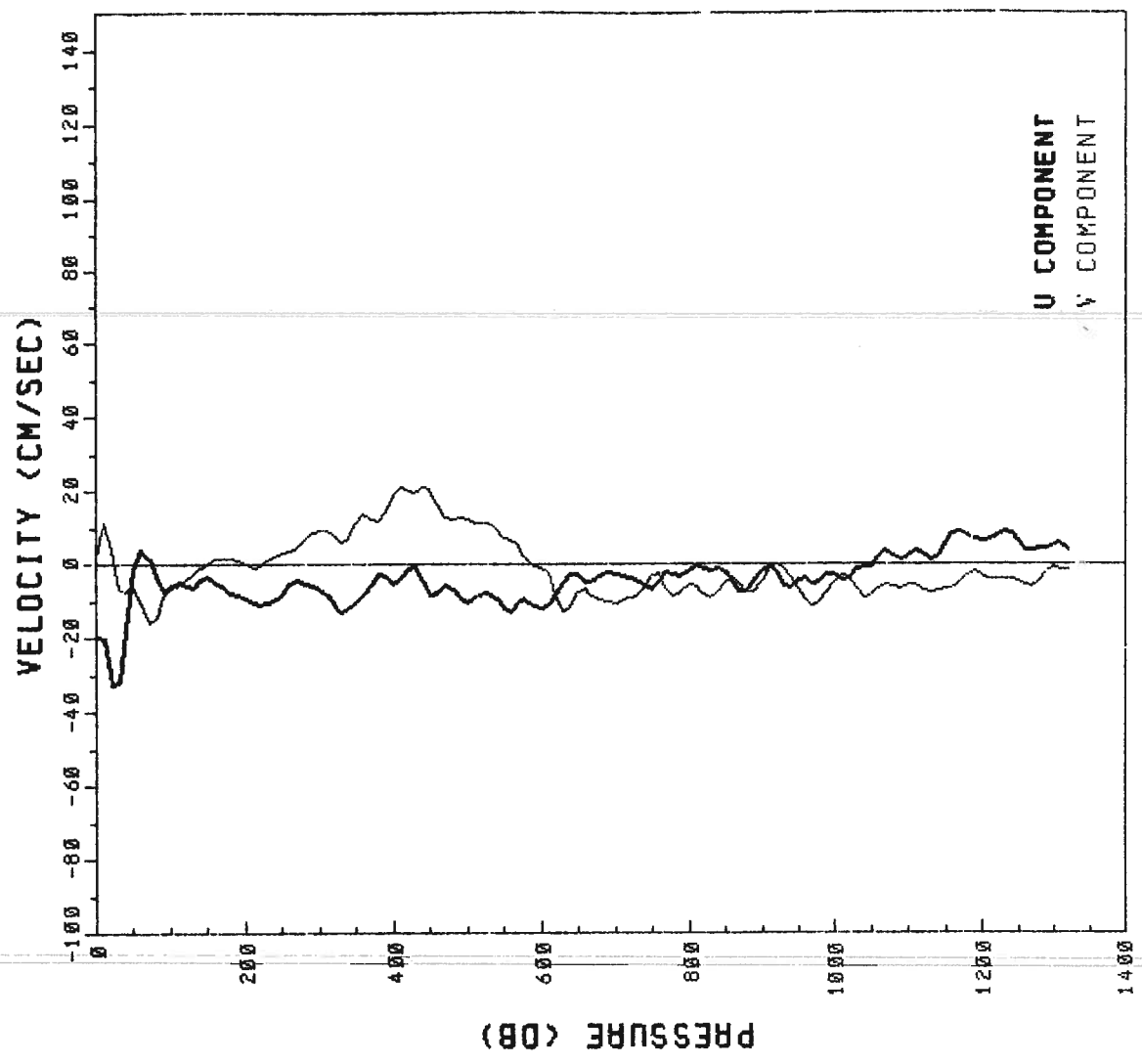
EP6-81-RS PEGASUS 23
 R/V RESEARCHER DATE 12 05 81
 LATITUDE 0.673 N LONGITUDE 84.997 W
 TIME 0300 Z

PRESSURE (DB)	U	V	T
0	-19.7	18.2	25.4
10	-39.5	28.6	25.4
20	-34.4	17.4	25.4
30	-6.9	4.3	18.1
40	6.3	-4.4	16.4
50	4.5	-8.0	16.1
60	-4.3	-3.6	16.0
70	-6.1	-23.0	15.8
80	-18.1	-15.0	15.3
90	-21.7	-0.6	15.2
100	-6.7	-10.4	15.0
110	-10.0	-4.9	15.0
120	-6.6	-4.3	15.0
130	-2.8	-3.7	14.9
140	-1.9	-2.2	14.9
150	-4.8	-6.9	14.7
160	-4.3	-6.0	14.6
170	-2.7	-5.8	14.5
180	-3.0	-1.0	14.3
190	-0.5	1.6	14.2
200	-5.5	-1.3	14.0
220	-7.5	3.6	13.8
240	-2.6	-5.0	13.5
260	-6.3	-9.8	13.4
280	-4.3	-7.2	13.1
300	-3.5	-5.1	12.6
320	-9.9	-4.8	12.0
340	-8.2	-1.5	11.3
360	-8.2	0.3	11.1
380	-3.8	5.8	10.5
400	-0.2	6.1	10.4
450	6.4	4.6	9.4
500	2.1	0.0	8.6
550	5.7	-5.6	7.9
600	5.2	-10.1	7.3
650	2.9	-5.9	6.9
700	-2.0	-7.3	6.4
750	-5.4	-4.3	6.0
800	-5.3	-0.6	5.8
850	-3.8	-0.8	5.8
900	-3.6	-2.3	5.4
950	0.9	-4.0	4.9
1000	-1.3	-2.1	4.9
1100	-0.2	9.8	4.3
1200	-6.5	-1.5	3.9
1300	7.2	-4.7	3.6



EP6-81-RS PEGASUS 24
 R/V RESEARCHER DATE 12 05 81
 LATITUDE 1.510 N LONGITUDE 84.998 W

TIME 1614 Z

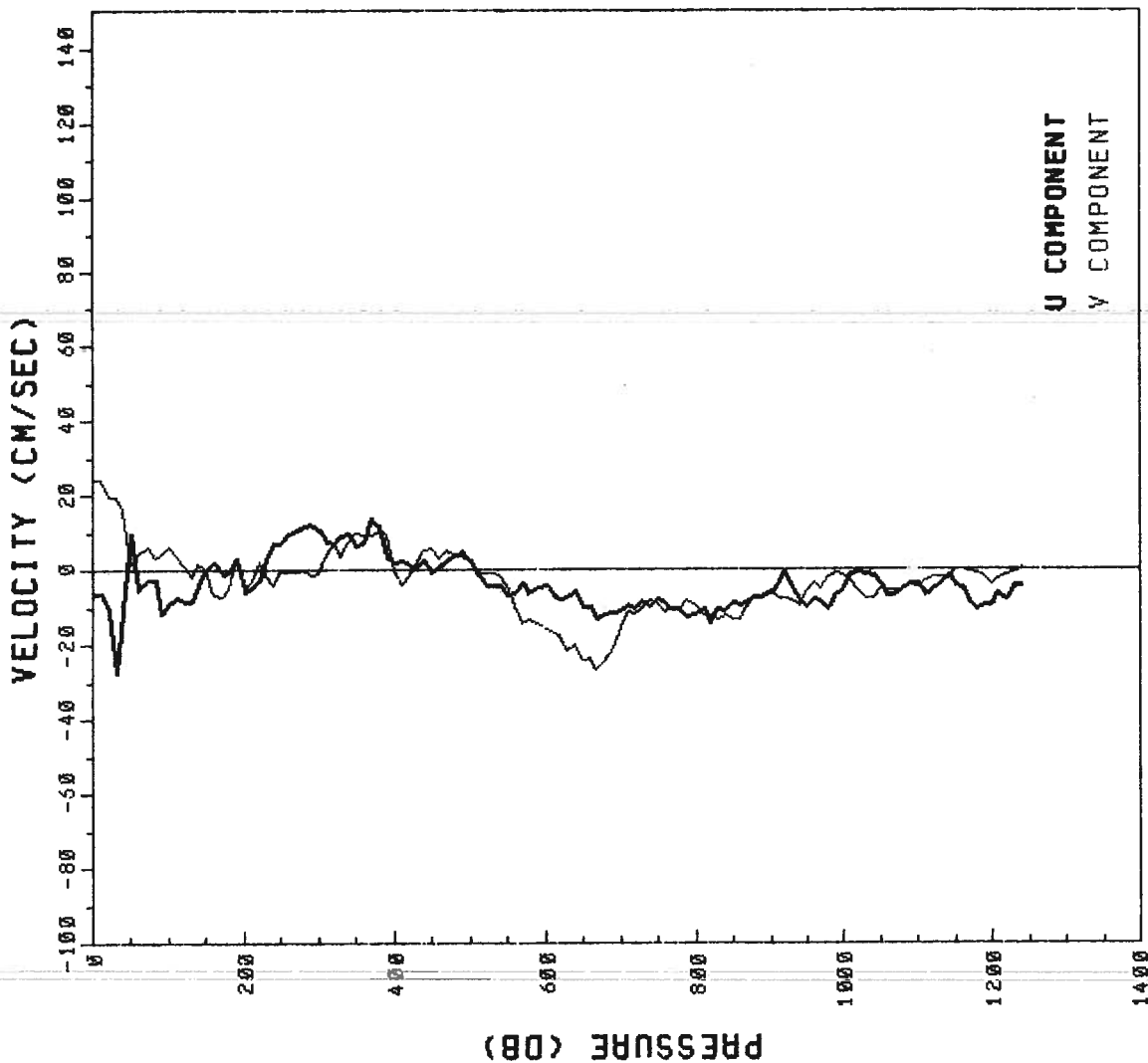


PRESSURE	U	V	T
0	-19.6	2.5	25.5
10	-20.1	11.3	25.4
20	-32.1	4.8	25.2
30	-31.8	-6.0	24.0
40	-17.3	-7.2	17.5
50	-1.4	-5.2	15.8
60	4.7	-9.8	15.7
70	1.8	-15.7	15.5
80	-4.4	-14.1	15.3
90	-6.8	-8.6	15.2
100	-5.4	-6.0	15.1
110	-4.0	-5.3	15.0
120	-5.2	-3.9	14.9
130	-5.8	-2.2	14.8
140	-3.8	-1.0	14.7
150	-2.7	0.3	14.5
160	-4.1	1.7	14.4
170	-5.8	2.1	14.4
180	-7.1	1.9	14.3
190	-8.1	1.1	14.2
200	-9.2	0.1	14.1
220	-10.4	-0.2	13.9
240	-9.7	2.8	13.7
260	-4.6	4.0	13.3
280	-4.8	7.2	12.8
300	-6.1	9.6	12.1
320	-11.1	8.2	11.7
340	-11.8	7.5	11.4
360	-8.3	14.2	11.1
380	-2.5	12.3	11.0
400	-4.6	19.1	10.8
450	-7.7	20.5	10.3
500	-10.0	12.7	8.9
550	-11.8	7.5	8.1
600	-11.8	-0.8	7.5
650	-2.5	-7.4	6.7
700	-2.3	-10.5	6.1
750	-6.1	-2.7	5.9
800	-1.7	-5.3	5.5
850	-1.7	-4.7	5.4
900	-1.2	-4.1	5.2
950	-3.7	-6.3	4.9
1000	-2.3	-4.8	4.7
1100	3.0	-5.3	4.1
1200	6.9	-2.8	3.9
1300	6.0	-0.5	3.5

EP6-81-RS PEGASUS 25
 R/V RESEARCHER DATE 12 06 81
 LATITUDE 2.507 N LONGITUDE 84.990 W

TIME 0424 Z

PRESSURE (DB)	U	V	T
0	-5.7	24.8	25.9
10	-5.7	24.8	25.9
20	-10.5	19.6	25.9
30	-27.2	19.5	25.8
40	-10.4	16.3	19.3
50	9.9	1.4	17.0
60	-4.8	4.6	16.4
70	-2.1	6.5	15.7
80	-2.5	9.8	15.4
90	-11.8	4.8	15.2
100	-8.6	6.3	15.1
110	-6.7	3.9	15.1
120	-8.0	1.0	14.9
130	-7.6	-1.7	14.8
140	-3.5	1.5	14.6
150	0.1	0.3	14.4
160	2.4	-6.2	14.3
170	-0.8	-6.7	14.2
180	-0.1	-4.7	14.1
190	3.4	9.6	14.1
200	-5.0	-4.4	14.0
220	-2.3	2.7	13.9
240	7.7	-3.6	13.6
260	9.8	-0.1	13.4
280	12.5	0.1	12.8
300	11.1	-0.6	12.5
320	7.4	7.3	12.0
340	10.1	7.4	11.7
360	7.7	9.2	11.0
380	12.5	10.4	10.5
400	2.5	-0.5	9.8
450	-0.2	6.2	9.1
500	3.1	2.6	8.6
550	-6.4	-3.7	7.9
600	-3.9	-15.3	7.6
650	-9.5	-23.7	7.1
700	-10.8	-15.1	6.7
750	-7.4	-9.2	6.3
800	-11.8	-9.5	5.5
850	-8.6	-13.1	5.3
900	-5.7	-5.3	5.3
950	-9.6	-5.3	5.0
1000	-4.6	-1.5	4.7
1100	-3.2	-4.0	4.2
1200	-8.9	-3.5	3.9

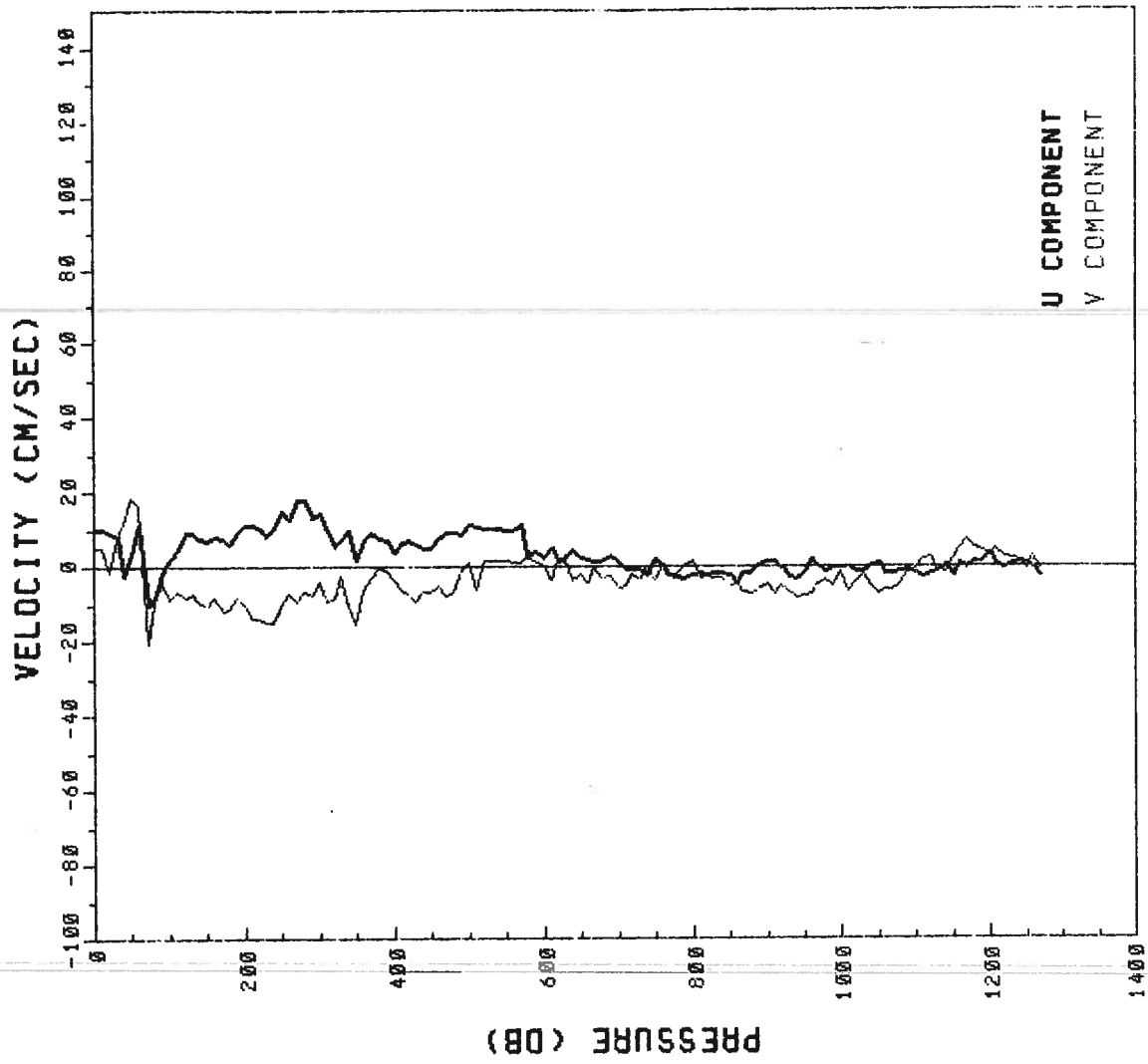


U COMPONENT
 V COMPONENT

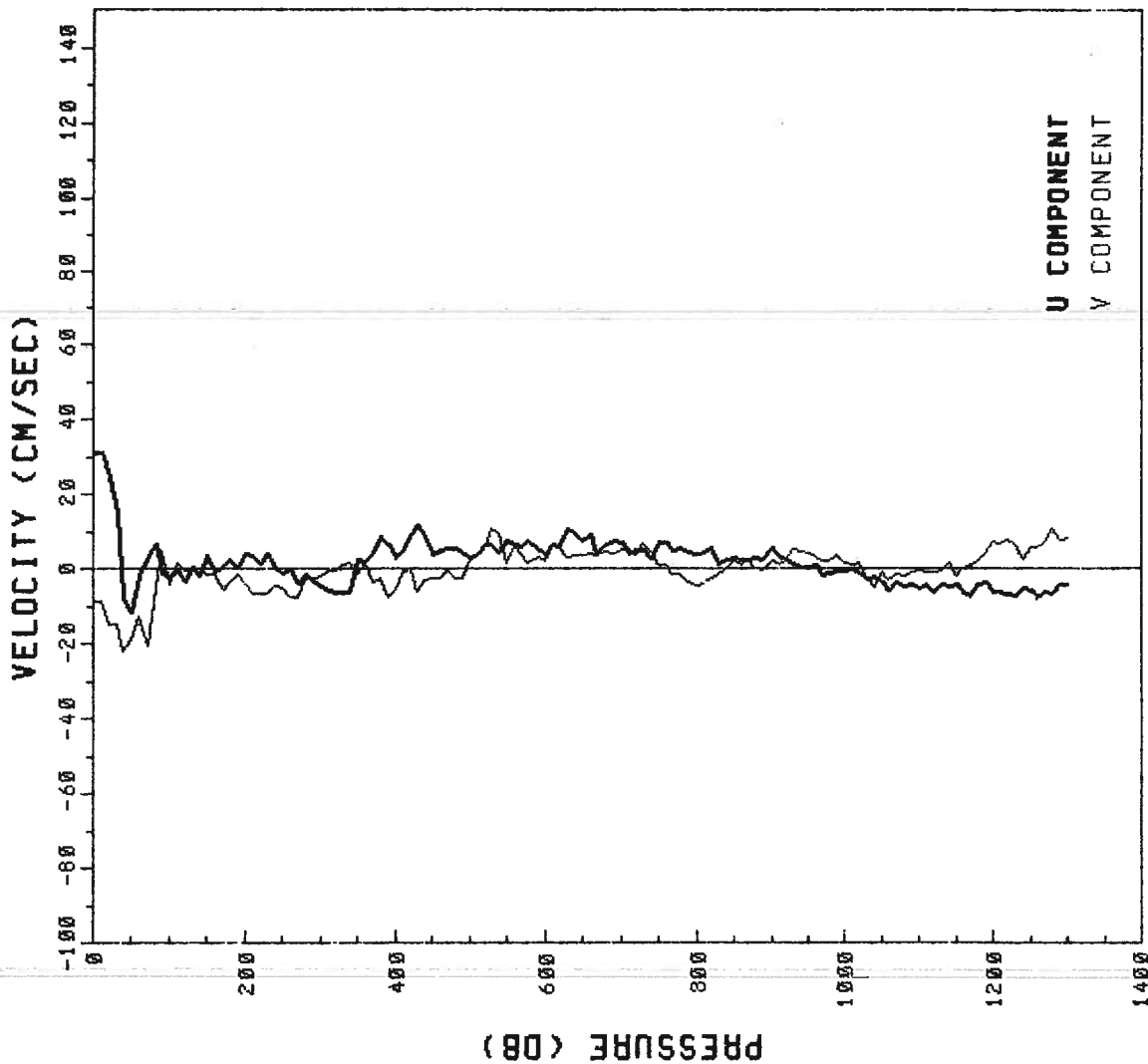
EP6-81-RS PEGASUS 26
 R/V RESEARCHER DATE 12 06 81
 LATITUDE 3.520 N LONGITUDE 84.948 W

TIME 1642 Z

PRESSURE	U	V	T
0	10.2	5.4	26.1
10	10.2	5.4	26.1
20	9.5	-1.5	26.1
30	8.4	7.8	26.1
40	-2.1	12.5	26.0
50	4.1	18.8	19.1
60	12.0	16.7	17.6
70	-10.3	-20.3	17.1
80	-6.9	-5.5	16.5
90	-1.2	-3.9	16.1
100	2.8	-8.6	15.7
110	5.0	-6.4	15.4
120	9.5	-7.6	15.3
130	9.5	-6.9	15.1
140	8.1	-9.2	15.1
150	7.4	-10.6	15.0
160	8.6	-7.8	14.9
170	8.0	-11.8	14.8
180	6.4	-11.3	14.6
190	9.2	-8.1	14.5
200	11.5	-9.9	14.3
220	10.6	-13.7	14.1
240	10.2	-14.5	13.9
260	13.1	-6.7	13.6
280	18.0	-6.1	13.4
300	14.7	-3.6	13.0
320	5.8	-8.0	12.2
340	10.0	-10.0	11.6
360	7.7	-5.6	11.3
380	8.0	-0.5	10.6
400	4.1	-3.1	10.2
450	5.5	-6.4	9.4
500	11.7	1.1	8.5
550	10.0	1.4	7.9
600	3.2	0.1	7.3
650	2.9	-1.7	6.9
700	2.2	-5.4	6.5
750	2.4	-3.1	6.0
800	-1.6	1.4	5.9
850	-1.6	-5.3	5.3
900	1.3	-4.1	5.2
950	-1.1	-7.1	5.0
1000	0.0	-1.3	4.7
1100	-1.4	-0.5	4.5
1200	4.1	3.7	3.9

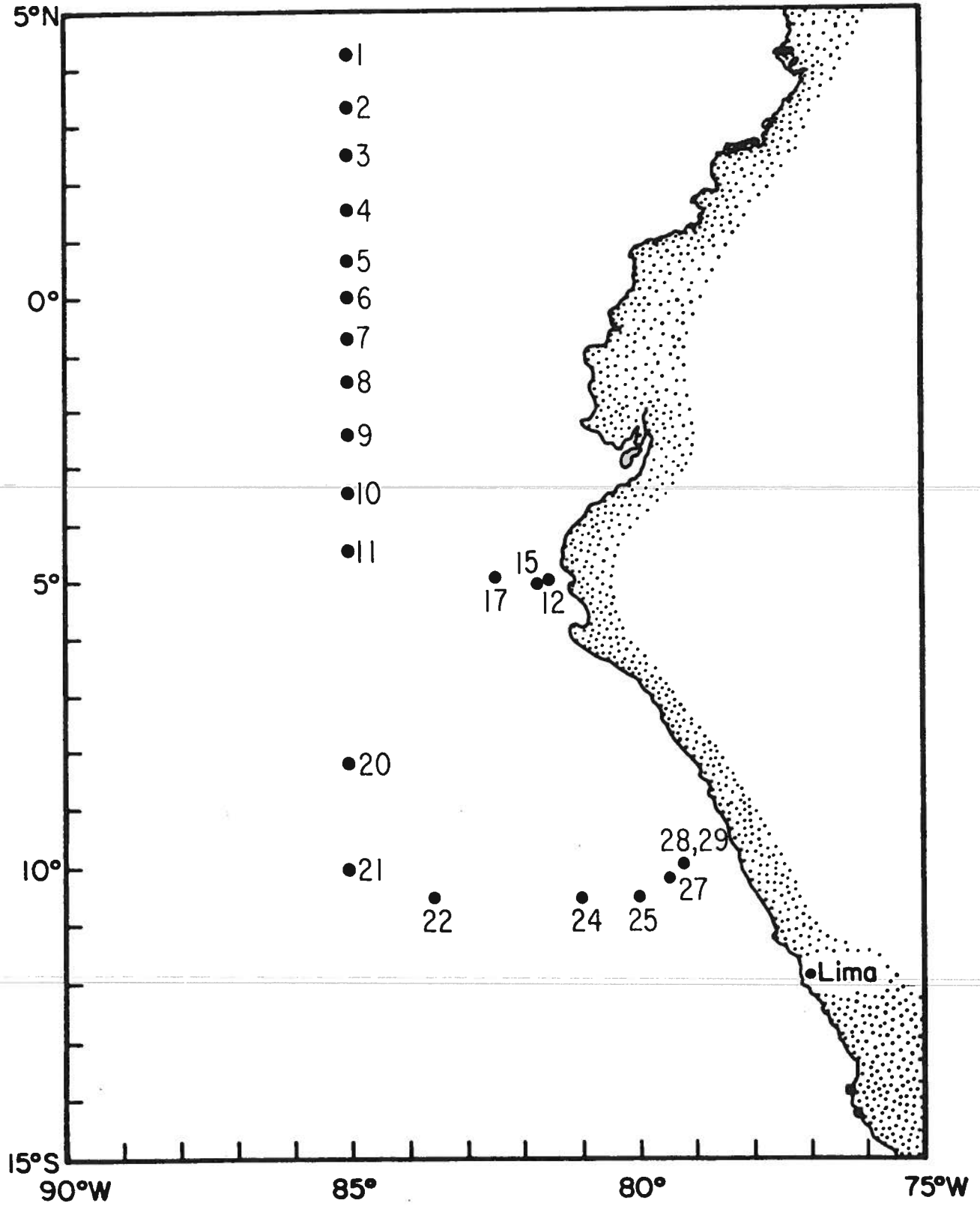


EP6-81-RS PEGASUS 27
 R/V RESEARCHER DATE 12 07 81 TIME 0537 Z
 LATITUDE 4.508 N LONGITUDE 84.995 W



PRESSURE	U	V	T
0	31.9	-8.5	26.4
10	31.9	-8.5	26.4
20	24.9	-14.3	26.3
30	15.5	-14.5	26.3
40	-7.4	-21.6	24.1
50	-11.4	-19.1	21.0
60	-1.6	-12.6	19.6
70	4.0	-20.4	17.8
80	7.2	-4.7	17.4
90	-0.8	5.2	16.6
100	-1.8	-3.7	16.1
110	-0.4	2.0	15.7
120	-3.2	-0.1	15.5
130	0.7	0.3	15.3
140	-1.7	0.4	15.1
150	4.2	-1.1	15.0
160	-0.6	-1.5	14.7
170	0.9	-5.1	14.6
180	3.2	-3.3	14.5
190	0.5	-1.1	14.4
200	4.6	-3.8	14.3
220	2.1	-6.3	14.0
240	0.7	-4.0	13.7
260	0.1	-7.1	13.6
280	-1.3	-2.3	13.5
300	-4.2	-2.0	13.1
320	-5.8	-0.5	12.6
340	-5.5	1.6	12.2
360	-2.6	2.0	11.5
380	8.9	-2.1	10.9
400	3.6	-5.3	10.3
450	4.4	-2.3	9.4
500	3.4	3.0	8.5
550	8.2	2.1	7.7
600	4.7	2.8	7.2
650	8.2	3.9	6.8
700	7.5	5.3	6.3
750	7.6	1.3	5.9
800	4.8	-4.3	5.5
850	3.4	2.5	5.3
900	6.0	2.4	5.1
950	0.6	4.4	4.9
1000	-0.4	2.2	4.7
1100	-4.8	-0.1	4.3
1200	-5.7	-7.7	3.9
1300	-3.6	8.6	3.6

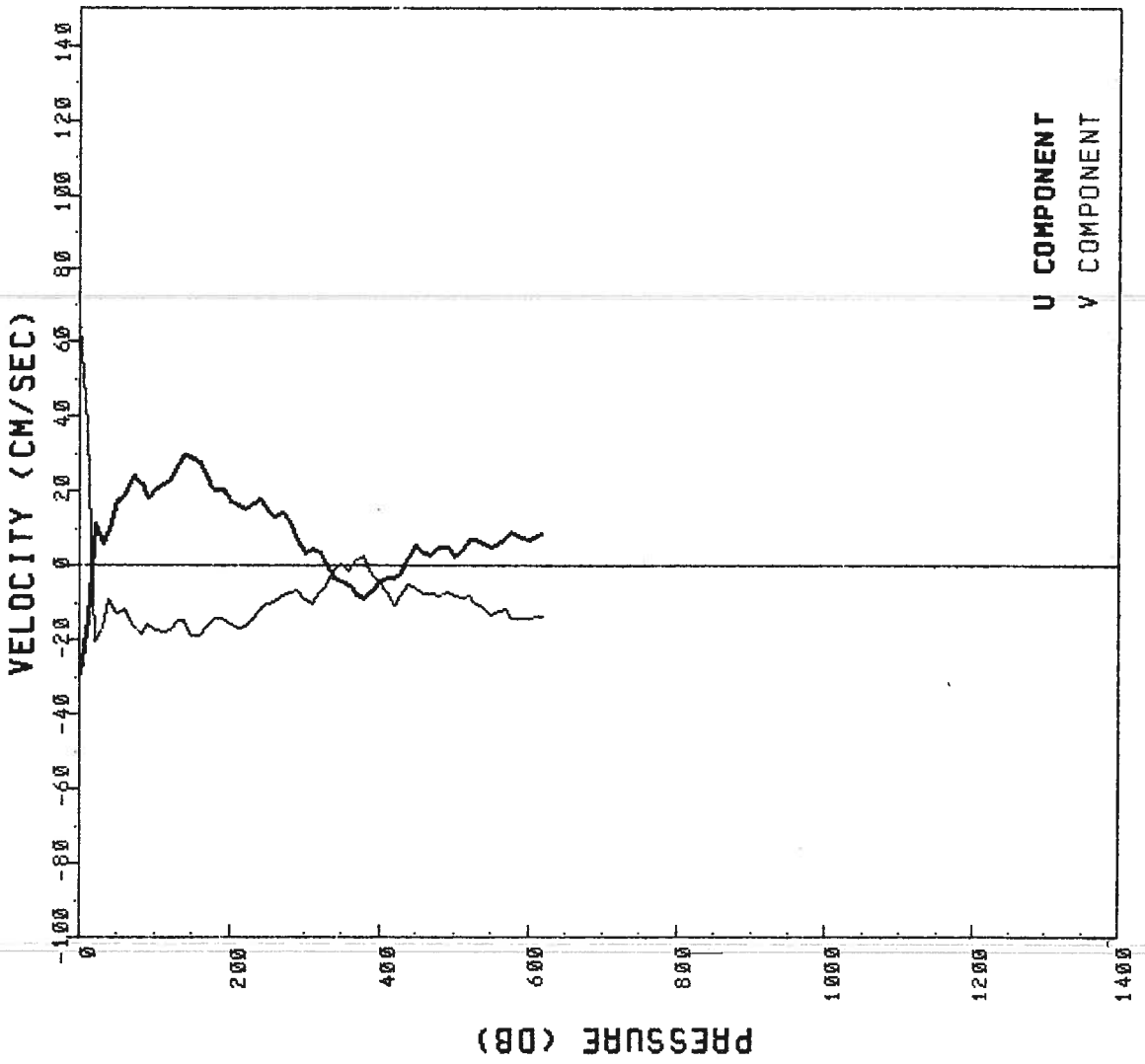
PEGASUS STATIONS EP1 - 82-DI



APPENDIX E: EP1-82-DI

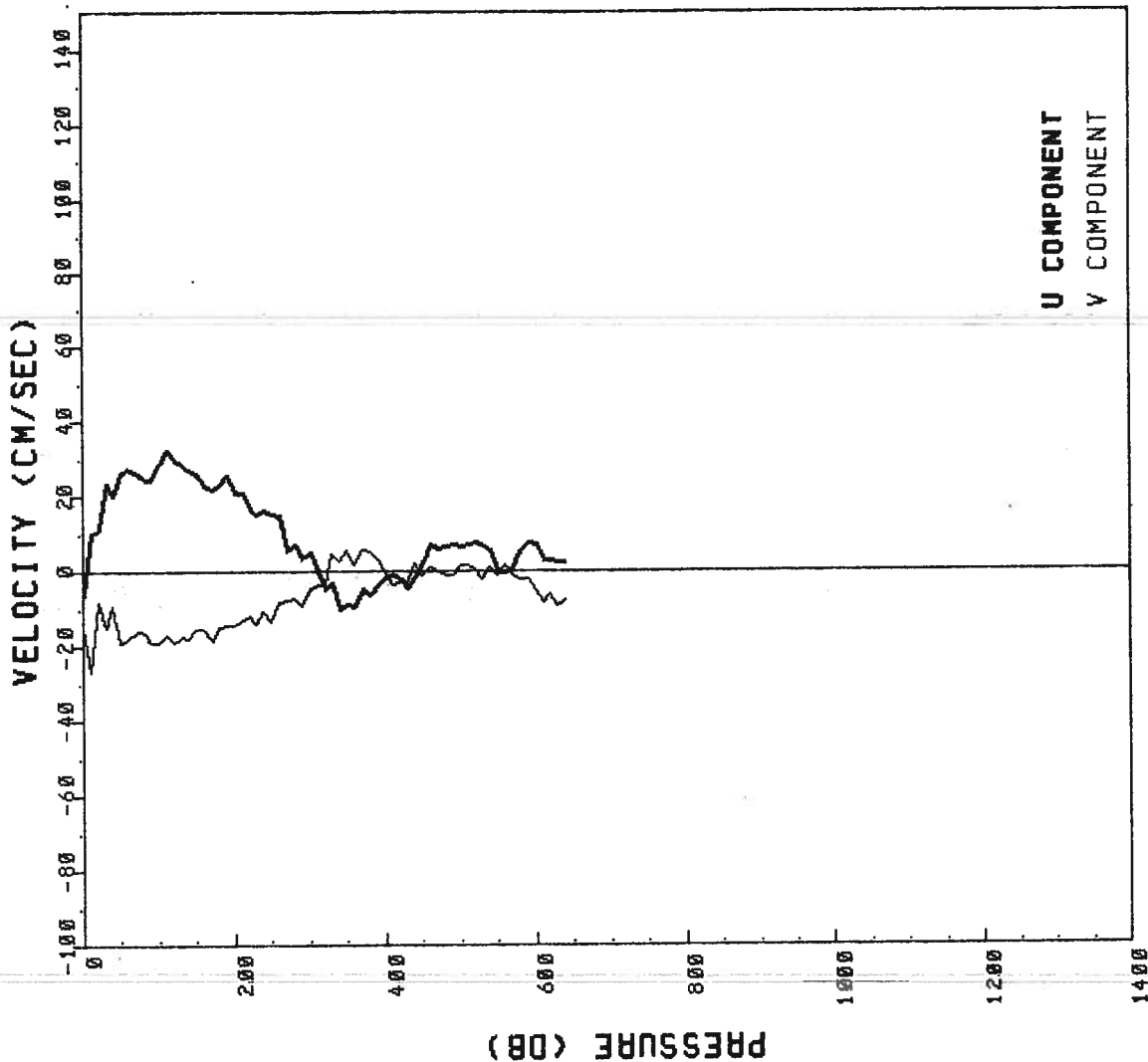
EP1-82-01 PEGASUS 29
 R/V DISCOVERER DATE 03 19 82
 LATITUDE 10.102 S LONGITUDE 79.147 W
 TIME 0140 Z

0	U	V	T
10	-29.3	65.2	21.2
20	-14.2	37.5	21.2
30	11.9	-20.5	21.2
40	6.1	-16.3	21.2
50	9.7	-8.9	19.5
60	17.7	-12.6	17.4
70	19.3	-11.8	16.0
80	24.6	-16.1	15.1
90	22.7	-18.2	14.4
100	18.4	-15.4	14.1
110	20.5	-17.0	13.9
120	22.7	-17.9	13.8
130	27.5	-16.8	13.7
140	30.0	-14.7	13.6
150	29.4	-14.6	13.5
160	27.9	-18.7	13.4
170	22.7	-19.0	13.3
180	20.7	-15.7	13.1
190	20.5	-13.9	13.0
200	20.5	-13.6	12.9
220	17.7	-15.6	12.8
240	15.8	-15.9	12.8
260	18.1	-12.2	12.7
280	13.7	-9.6	12.6
300	12.5	-6.6	12.5
320	4.3	-9.2	12.2
340	4.1	-6.6	11.8
360	-2.6	-1.4	11.1
380	-4.7	-1.5	10.5
400	-8.6	3.2	9.9
450	-3.7	-4.0	9.2
500	5.9	-5.7	8.1
550	3.2	-8.1	7.5
600	5.6	-12.8	7.0
650	7.6	-14.2	6.6



EPI-82-01 PEGASUS 28
 R/V DISCOVERER DATE 03 18 82 TIME 2107 Z
 LATITUDE 10.102 S LONGITUDE 79.147 W

PRESSURE	U	V	T
0	-5.9	-14.7	21.6
10	10.4	-26.4	21.0
20	11.4	-8.2	19.3
30	24.0	-14.6	17.7
40	20.0	-8.9	15.7
50	26.7	-19.0	14.7
60	28.2	-17.6	14.2
70	26.8	-15.6	14.0
80	25.3	-15.8	13.9
90	25.1	-19.1	13.8
100	29.1	-19.0	13.6
110	32.9	-16.2	13.5
120	30.1	-18.7	13.4
130	28.8	-16.9	13.4
140	27.3	-17.5	13.3
150	26.4	-14.9	13.1
160	23.6	-15.0	12.9
170	22.8	-18.6	12.8
180	23.6	-14.5	12.8
190	26.0	-13.9	12.7
200	21.4	-14.1	12.7
220	17.4	-11.6	12.6
240	16.6	-10.7	12.6
260	15.3	-7.7	12.5
280	7.6	-6.5	12.2
300	5.3	-4.0	11.6
320	-4.2	-3.1	11.1
340	-9.5	3.1	10.7
360	-9.1	2.7	10.4
380	-5.8	5.7	9.7
400	-1.4	-0.2	9.3
450	2.5	-0.6	8.3
500	7.1	1.4	7.6
550	0.1	-0.6	7.1
600	7.3	-4.5	6.8

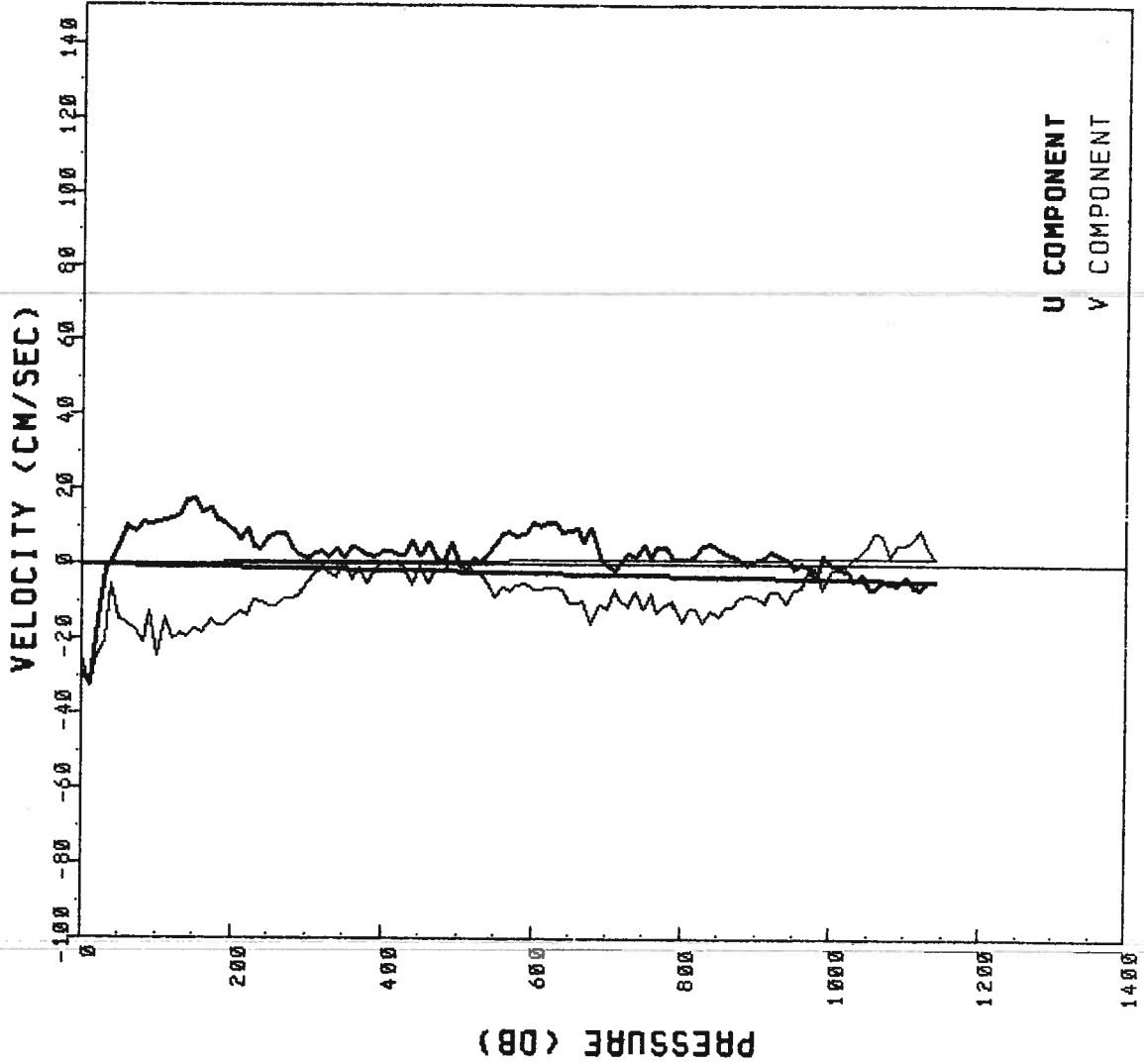


U COMPONENT
 V COMPONENT

EP1-82-01 PEGASUS 27
 R/V DISCOVERER DATE 03 17 82
 LATITUDE 10.208 S LONGITUDE 79.322 W

TIME 0654 Z

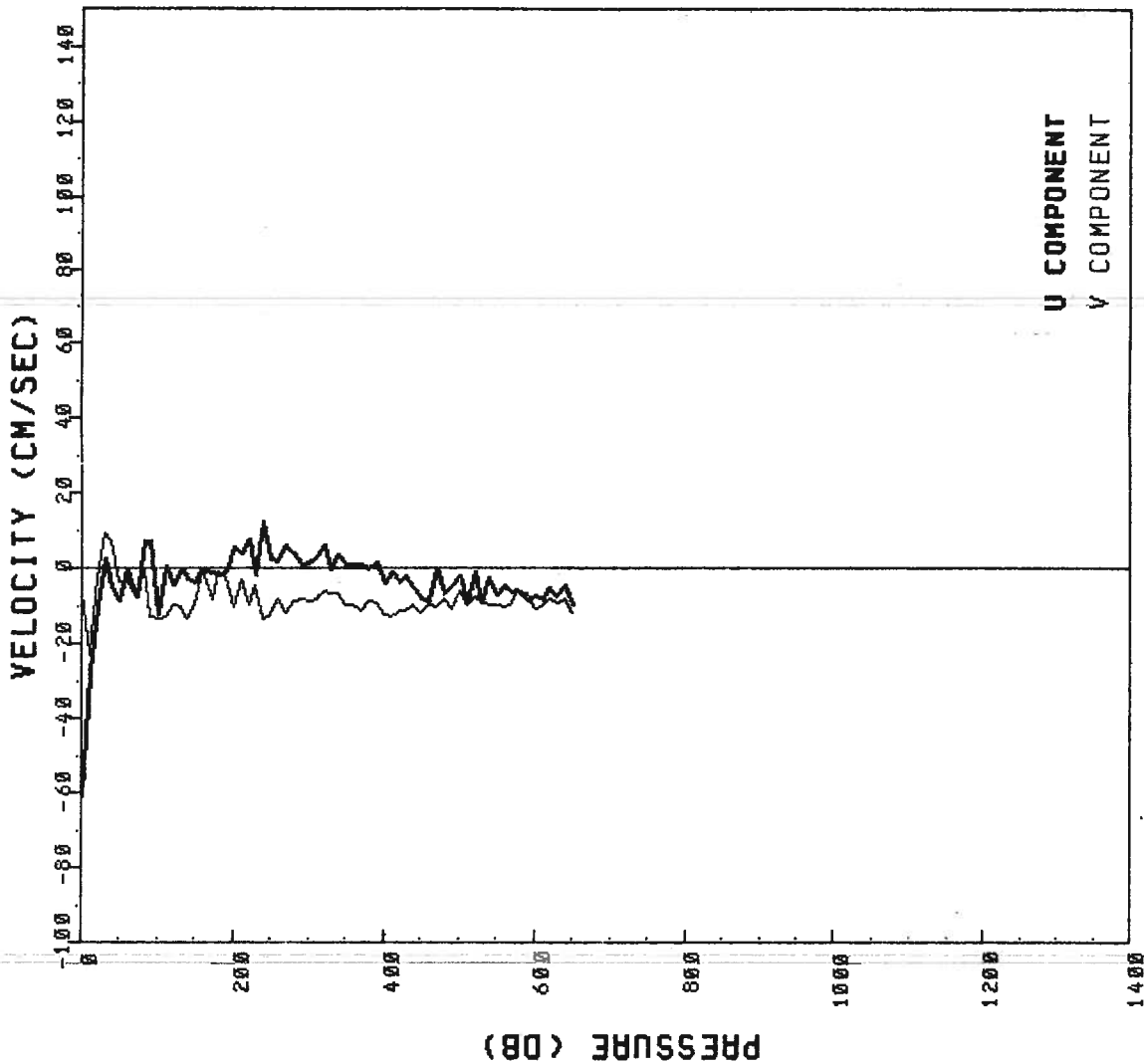
PRESSURE (DB)	U	V	T
0			
10	-29.1	-24.7	21.1
20	-32.1	-32.6	21.1
30	-15.1	-24.4	20.9
40	-1.4	-20.8	20.0
50	0.7	-5.4	18.0
60	5.1	-14.7	16.0
70	10.5	-15.7	15.1
80	8.9	-17.3	14.4
90	11.6	-20.8	14.2
100	10.7	-12.4	14.0
110	11.9	-24.2	13.7
120	12.4	-13.9	13.5
130	13.0	-19.9	13.4
140	13.7	-16.3	13.2
150	17.2	-19.6	13.1
160	17.5	-16.8	12.9
170	14.3	-18.4	12.8
180	15.3	-14.4	12.7
190	12.2	-16.0	12.5
200	12.1	-16.1	12.4
220	9.2	-14.0	12.3
240	9.2	-13.7	12.1
260	4.4	-10.0	11.9
280	8.5	-11.1	11.7
300	4.9	-9.0	11.4
320	1.8	-4.7	11.1
340	4.1	-0.6	10.7
360	4.7	-3.1	10.3
380	5.1	-3.9	9.8
400	3.3	-4.6	9.4
420	4.1	0.6	9.0
450	2.6	-0.1	8.3
500	0.3	-0.2	7.5
550	5.6	-8.7	7.2
600	12.0	-6.3	6.6
650	9.6	-9.9	6.3
700	0.2	-11.4	5.9
750	5.7	-12.0	5.7
800	2.0	-14.9	5.3
850	4.8	-13.7	5.1
900	1.7	-8.6	4.8
950	-1.0	-6.3	4.6
1000	0.7	-1.6	4.3
1100	-2.7	5.7	3.8



U COMPONENT
 V COMPONENT

EP1-82-01 PEGASUS 25
 R/V DISCOVERER DATE 03 16 82 TIME 0513 Z
 LATITUDE 10.330 S LONGITUDE 79.993 W

PRESSURE (DB)	U	V	T
0	-61.1	-5.6	22.8
10	-27.9	-22.6	22.8
20	-9.9	-2.1	21.3
30	3.2	9.6	19.8
40	-4.8	7.5	19.0
50	-8.5	-3.2	18.4
60	-0.3	-3.0	17.4
70	-7.1	-7.4	15.9
80	7.6	0.4	15.1
90	7.4	-12.3	14.2
100	-11.9	-12.9	13.9
110	-0.6	-12.7	13.6
120	-4.2	-9.6	13.4
130	0.4	-10.3	13.3
140	-2.3	-12.9	13.1
150	-3.2	-9.7	12.9
160	0.2	-0.2	12.7
170	-1.0	-8.2	12.5
180	-1.2	-0.8	12.4
190	-0.6	-2.1	12.3
200	5.9	-10.1	12.1
220	7.9	-9.6	11.9
240	12.9	-12.8	11.6
260	2.8	-8.0	11.3
280	4.8	-8.6	11.0
300	1.5	-8.5	10.7
320	6.4	-5.6	10.4
340	4.3	-6.2	10.1
360	1.1	-9.7	9.8
380	0.4	-8.7	9.5
400	-5.7	-12.0	9.1
450	-7.1	-11.4	8.4
500	-1.8	-5.8	7.7
550	-6.6	-9.7	7.0
600	-6.9	-10.8	6.5
650	-9.7	-11.7	6.0

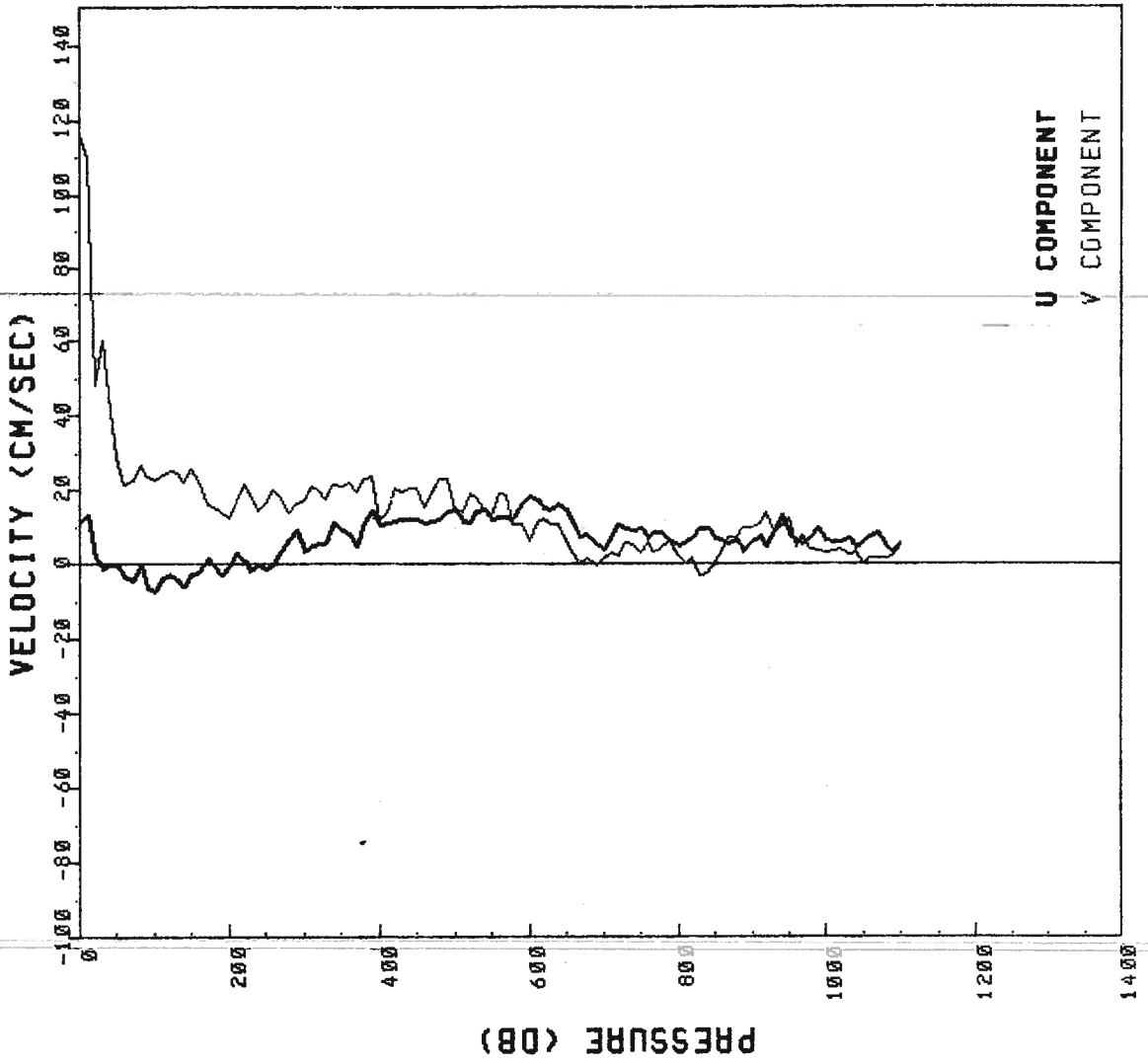


U COMPONENT
 V COMPONENT

EP1-82-DI PEGASUS 24
 R/V DISCOVERER DATE 03 15 82
 LATITUDE 10.558 S LONGITUDE 81.000 W

TIME 1607 Z

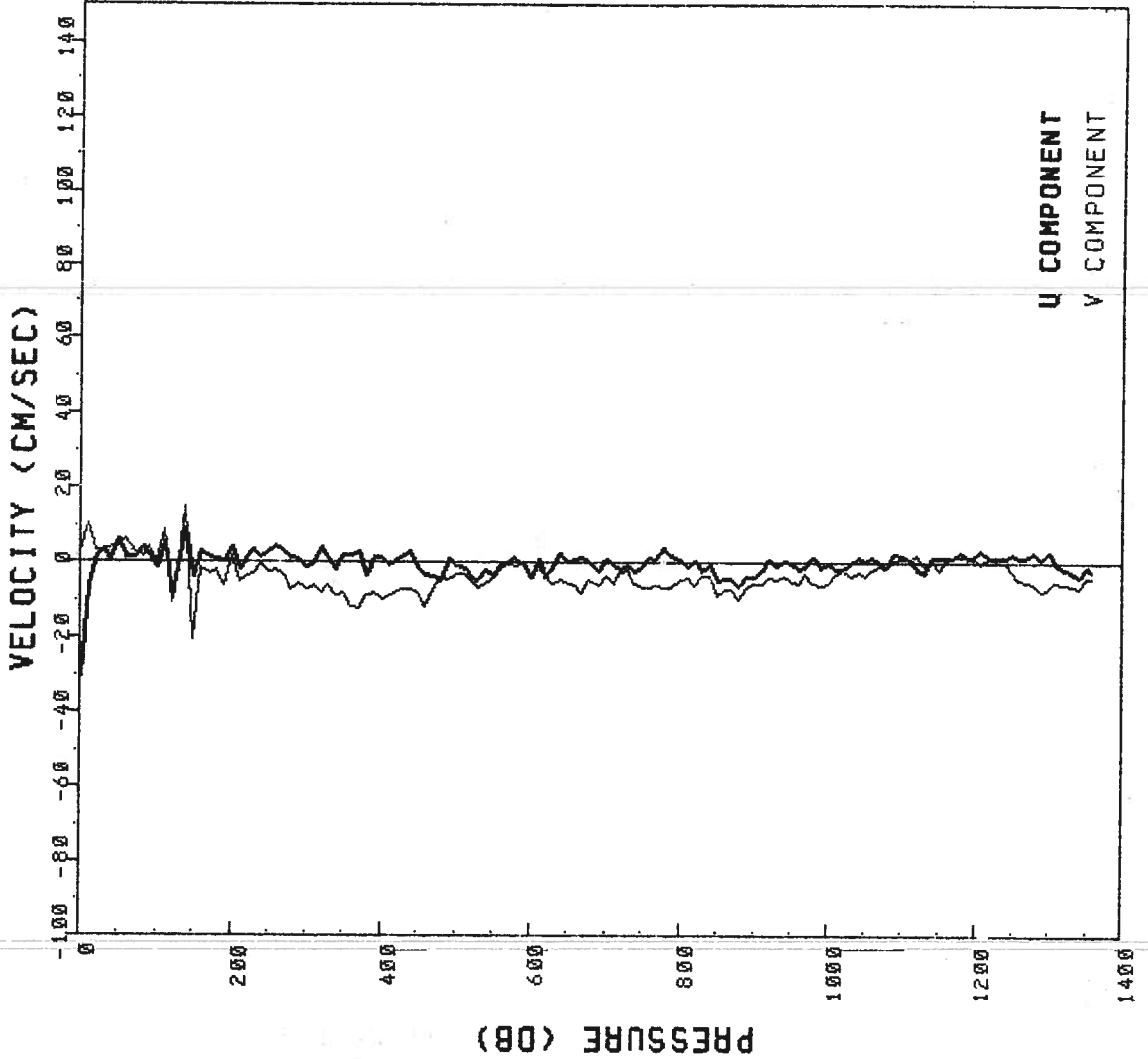
PRESSURE	U	V	T
0	12.0	115.7	25.6
10	14.0	110.1	25.4
20	1.7	48.7	25.1
30	-0.8	60.3	24.1
40	0.2	46.3	20.5
50	0.0	28.9	17.6
60	-3.0	22.1	16.1
70	-3.8	22.9	14.8
80	0.1	26.8	14.3
90	-5.5	24.2	14.1
100	-6.6	23.1	13.9
110	-3.1	24.4	13.8
120	-2.3	25.6	13.7
130	-3.6	24.9	13.5
140	-5.6	22.7	13.4
150	-2.2	26.2	13.3
160	-1.7	23.3	13.2
170	1.4	16.2	13.1
180	-0.2	16.0	13.0
190	-2.7	14.2	12.9
200	-0.1	13.1	12.8
220	1.1	22.0	12.6
240	0.4	14.6	12.3
260	0.3	20.2	12.1
280	7.1	14.5	11.8
300	4.3	17.9	11.5
320	5.9	19.6	11.3
340	11.7	21.9	11.1
360	8.7	22.7	10.8
380	11.5	23.6	10.6
400	10.8	12.3	10.2
450	13.1	20.5	9.3
500	15.3	15.4	8.4
550	13.0	13.4	7.7
600	18.7	6.7	7.0
650	15.2	6.7	6.6
700	4.5	1.8	6.1
750	9.9	3.5	5.7
800	5.7	2.4	5.5
850	7.5	0.7	5.2
900	6.5	9.8	5.0
950	8.7	13.0	4.8
1000	7.0	3.6	4.6
1100	6.2	5.6	4.3



U COMPONENT
 V COMPONENT

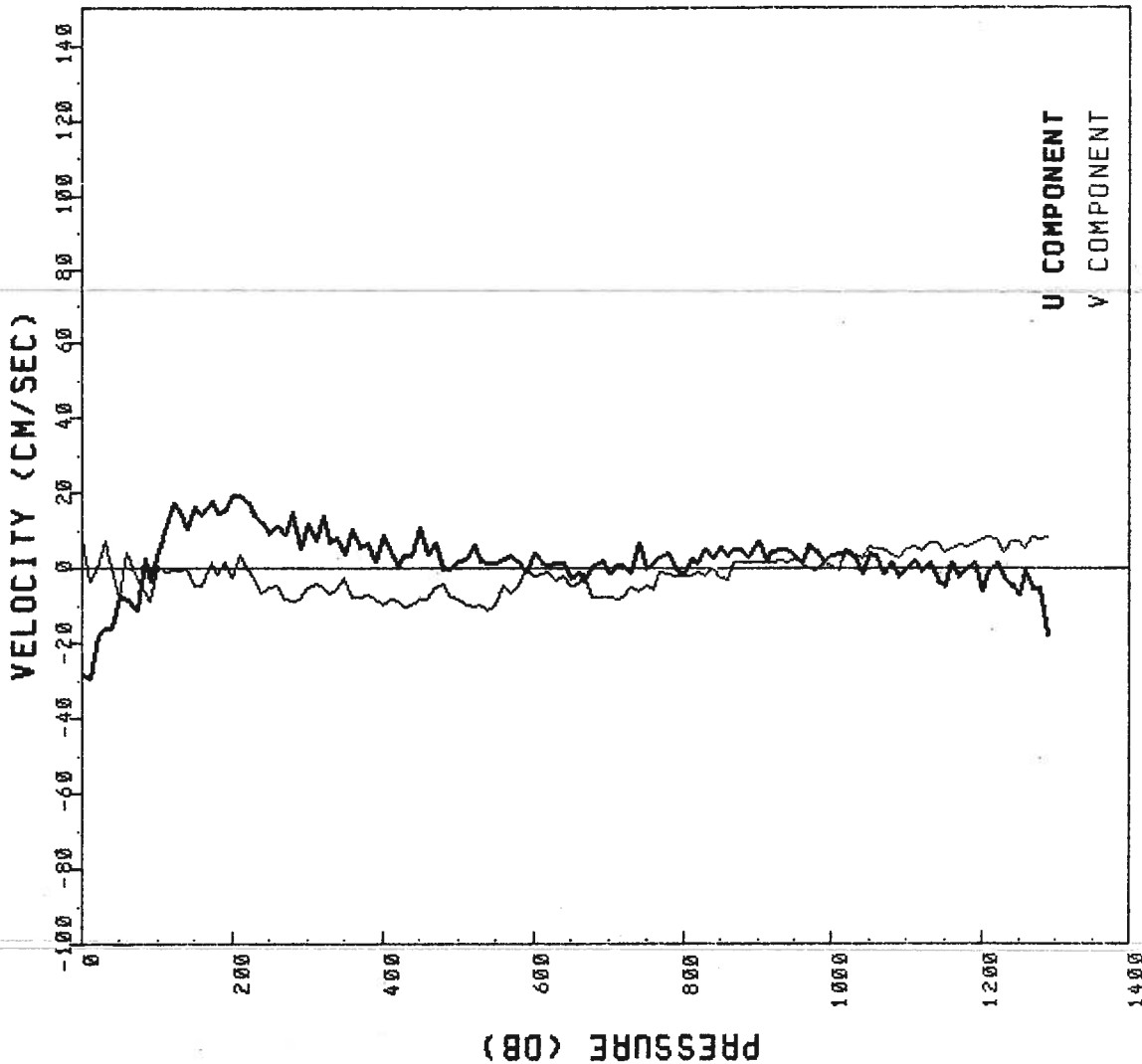
EP1-82-01 PEGASUS 22
 R/V DISCOVERER DATE 03 14 82 TIME 0456 Z
 LATITUDE 10.542 S LONGITUDE 83.502 W

PRESSURE	U	V	T
0	-30.4	2.4	25.7
10	-6.0	10.5	25.7
20	2.2	3.8	25.7
30	3.9	3.7	25.5
40	0.6	4.0	19.9
50	2.3	5.6	19.2
60	1.6	6.5	18.7
70	4.8	3.0	17.9
80	1.4	2.2	16.3
90	1.3	4.6	15.3
100	-1.7	0.2	14.4
110	5.7	8.9	14.2
120	-9.6	-10.6	13.9
130	2.0	0.6	13.7
140	9.2	15.2	13.5
150	-3.7	-20.5	13.3
160	3.5	-1.5	13.1
170	1.6	-2.8	12.9
180	1.3	-1.9	12.8
190	0.5	-5.7	12.6
200	4.4	2.0	12.5
220	2.2	-3.3	12.2
240	1.7	-0.3	11.9
260	5.1	1.8	11.7
280	1.4	-1.9	11.5
300	-1.0	-6.9	11.2
320	4.4	-6.2	11.0
340	-1.7	-8.8	10.8
360	2.6	-11.4	10.6
380	-3.1	-8.4	10.3
400	1.7	-9.4	10.0
450	-1.0	-0.2	9.2
500	-2.9	-3.0	8.2
550	-3.9	-3.5	7.6
600	0.6	-3.2	6.9
650	0.9	-5.2	6.4
700	-0.6	-3.1	6.0
750	0.9	-6.2	5.7
800	-0.9	-4.4	5.3
850	-4.2	-8.4	5.0
900	-3.1	-5.3	4.8
950	0.2	-4.7	4.5
1000	0.3	-5.1	4.3
1100	2.8	1.2	4.0
1200	2.8	1.0	3.7
1300	3.6	-6.0	3.4



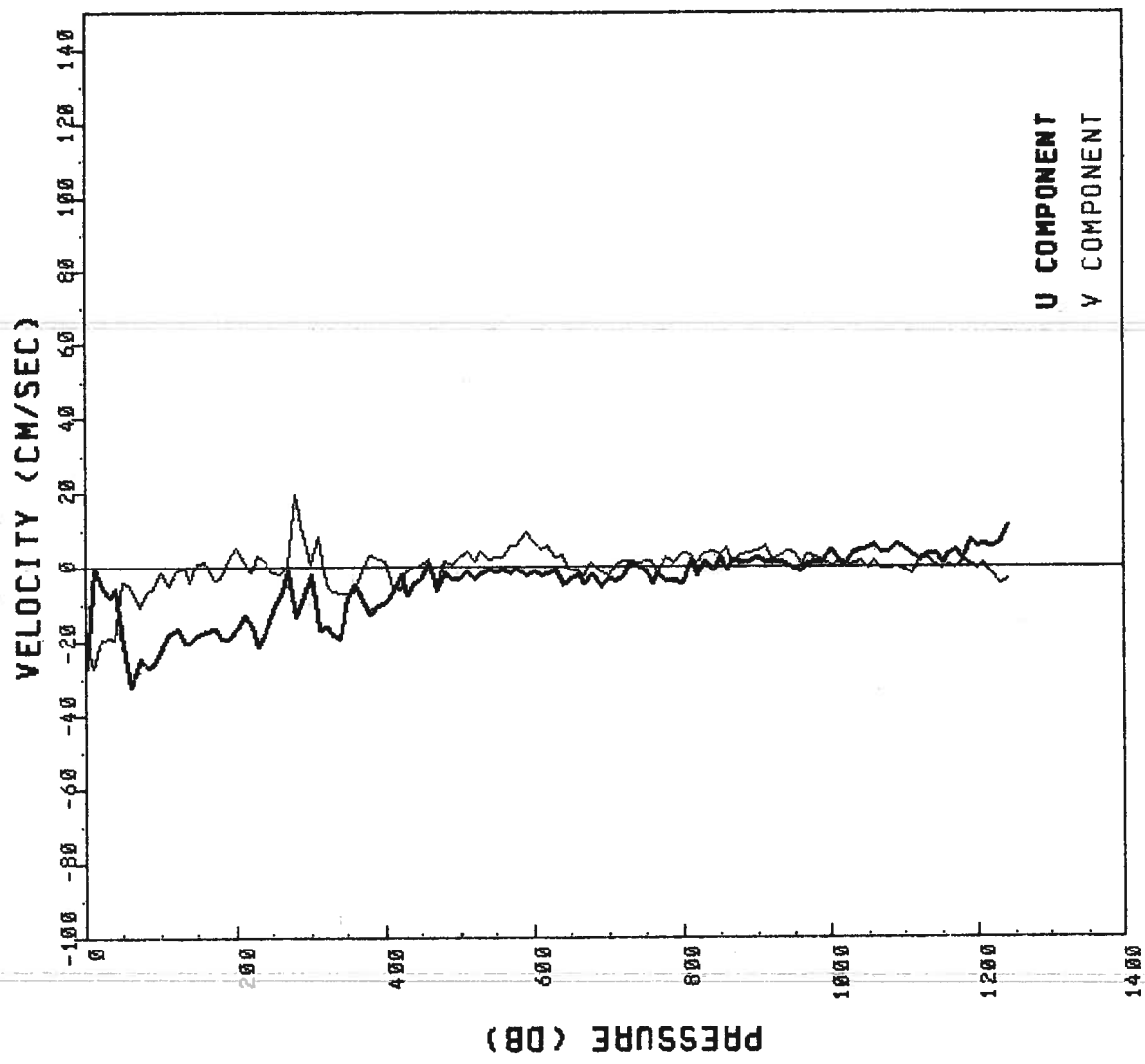
EP1-82-DI PEGASUS 21
 R/V DISCOVERER DATE 03 13 82 TIME 0706 Z
 LATITUDE 10.133 S LONGITUDE 85.012 W

0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200
0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200
-28.0	-29.1	-17.4	-15.4	-15.4	-6.6	-7.8	-11.3	2.9	-3.2	5.0	11.5	17.8	14.8	10.4	16.7	14.9	18.0	15.3	15.7	19.8	17.9	13.0	11.5	15.1	12.9	14.5	8.7	10.6	6.9	9.1	11.1	2.6	1.7	4.6	-2.5	-1.3	0.4	-1.1	6.0	7.3	4.0	0.2	-5.8	
8.1	-3.1	0.4	7.6	0.2	-7.3	4.8	-2.1	-5.8	-6.7	0.6	-0.7	-0.5	-0.1	0.1	-4.4	-4.4	1.5	-1.4	2.2	-2.2	-0.4	-6.2	-4.4	-8.7	-4.9	-4.9	-5.3	-7.1	-6.8	-9.5	-8.0	-7.5	-9.5	-1.8	-4.2	-4.4	-1.8	-2.4	1.8	3.0	0.6	5.6	8.2	
26.0	26.1	26.0	25.9	22.1	18.8	17.3	16.0	14.7	14.1	14.9	14.1	13.7	13.5	13.2	13.0	12.8	12.6	12.4	12.2	12.1	11.9	11.7	11.4	11.2	11.0	10.8	10.6	10.3	9.9	9.6	8.8	8.1	7.4	6.8	6.4	5.9	5.6	5.3	5.0	4.7	4.5	3.9	3.6	



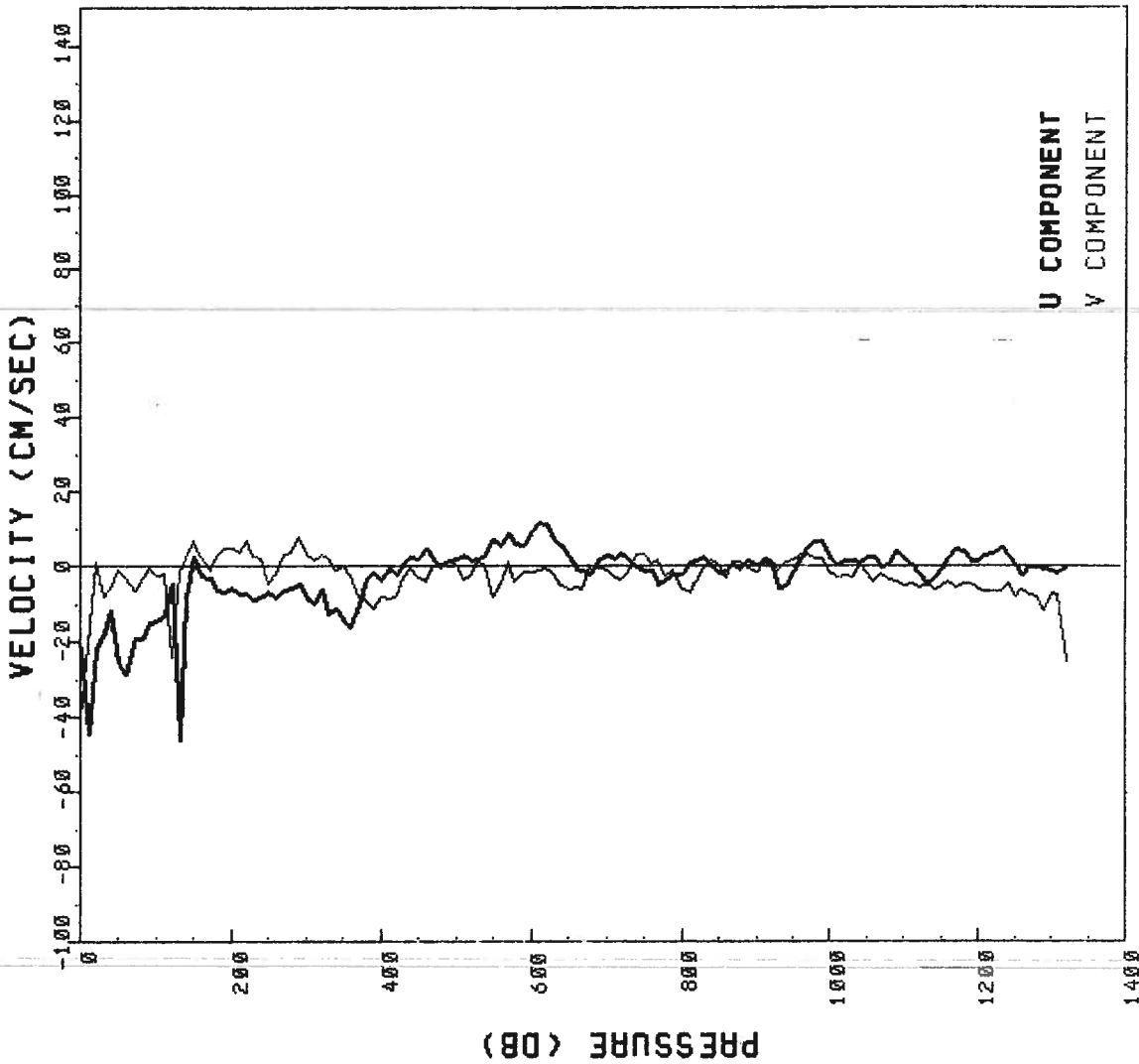
EP1-82-01 PEGASUS 20
 R/V DISCOVERER DATE 03 12 82 TIME 0826 Z
 LATITUDE 8.142 S LONGITUDE 85.028 W

PRESSURE (DB)	U	V	T
0	-26.9	-18.9	26.7
10	0.0	-26.5	26.7
20	-5.3	-19.4	26.6
30	-7.9	-19.1	26.4
40	-5.0	-19.3	25.3
50	-21.0	-3.9	19.6
60	-32.3	-4.6	16.4
70	-24.2	-10.7	15.5
80	-26.2	-6.3	15.1
90	-25.9	-5.2	14.9
100	-21.3	-1.1	14.7
110	-16.8	-4.6	14.5
120	-16.1	-0.8	14.4
130	-19.7	0.0	14.3
140	-19.8	-3.5	14.2
150	-17.9	1.1	14.1
160	-16.4	1.9	14.0
170	-16.1	-3.4	13.9
180	-18.8	-3.0	13.8
190	-18.7	2.5	13.7
200	-16.1	5.4	13.7
220	-15.6	-1.3	13.6
240	-16.4	1.6	13.4
260	-7.3	-1.8	13.1
280	-13.0	19.6	13.0
300	-2.0	1.3	12.7
320	-15.7	-4.0	12.6
340	-18.9	-6.9	12.3
360	-4.4	-6.2	12.1
380	-12.7	3.6	11.7
400	-9.1	1.8	11.5
450	-2.7	0.7	10.9
500	-2.8	2.9	7.3
550	-0.7	3.1	6.8
600	-1.0	7.2	6.4
650	-2.7	-0.7	6.0
700	-2.9	-2.5	5.7
750	-0.8	1.8	5.3
800	-3.7	4.0	5.1
850	3.3	3.6	4.8
900	3.1	4.5	4.7
950	-0.5	4.0	4.4
1000	4.9	0.6	4.3
1100	5.3	-1.0	3.9
1200	6.2	-0.3	3.8



U COMPONENT
 V COMPONENT

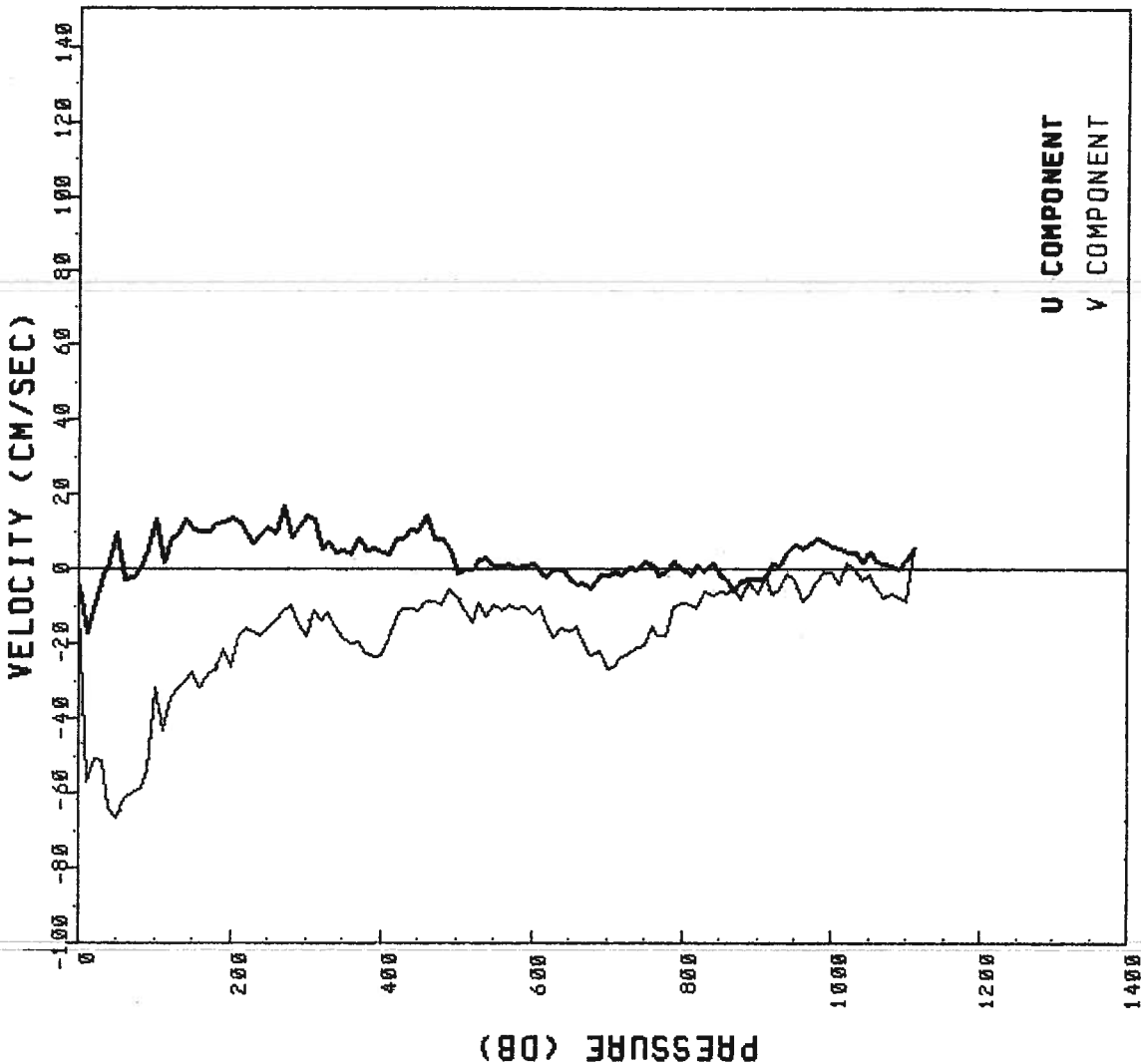
EP1-82-01 PEGASUS 17
 R/V DISCOVERER DATE 03 09 82 TIME 1657 Z
 LATITUDE 4.995 S LONGITUDE 82.542 W



PRESSURE	U	V	T
0	-21.1	-39.9	23.0
10	-44.4	-20.6	22.5
20	-22.0	0.9	21.9
30	-17.5	-7.5	19.4
40	-11.8	-5.8	17.1
50	-25.0	-0.7	16.0
60	-28.5	-2.7	15.2
70	-19.1	-6.0	14.6
80	-19.0	-3.0	14.4
90	-14.6	-0.2	14.3
100	-13.8	-2.2	14.2
110	-12.5	-2.0	14.2
120	-4.1	-24.0	14.1
130	-45.9	-1.5	14.0
140	-7.6	2.5	13.9
150	3.1	6.9	13.9
160	-2.2	3.0	13.8
170	-2.8	-0.9	13.7
180	-5.5	3.2	13.6
190	-6.1	5.2	13.6
200	-5.1	5.0	13.4
220	-6.5	7.0	13.2
240	-7.8	2.4	12.9
260	-7.3	-1.6	12.3
280	-5.2	-3.9	12.0
300	-8.2	3.6	11.8
320	-5.8	3.8	11.4
340	-11.2	-0.9	10.9
360	-15.3	-2.3	10.1
380	-3.3	-9.1	9.7
400	-3.2	-7.6	9.1
450	-2.8	-2.9	8.4
500	2.7	0.3	7.8
550	7.5	-7.8	7.0
600	9.6	-1.5	6.5
650	3.1	-5.8	6.0
700	3.6	-0.8	5.8
750	-0.9	3.6	5.5
800	-1.8	-5.8	5.3
850	-1.2	-0.2	5.1
900	0.6	0.2	4.6
950	-1.2	-1.6	4.6
1000	3.2	-1.1	4.3
1100	3.3	-4.7	3.8
1200	2.3	-5.5	3.2
1300	-0.9	-6.5	3.2

EPI-82-DI PEGASUS 15
 R/V DISCOVERER DATE 03 08 82
 LATITUDE 5.162 S LONGITUDE 81.725 W
 TIME 2126 Z

PRESSURE (DB)	U	V	T
0	-4.0	-10.1	20.8
10	-16.8	-56.6	19.5
20	-9.0	-50.6	18.7
30	-1.6	-51.2	17.6
40	1.9	-63.9	16.7
50	10.1	-66.9	15.8
60	-2.1	-61.3	15.2
70	-1.7	-59.4	15.1
80	1.0	-58.4	14.9
90	5.3	-53.5	14.6
100	13.9	-31.5	14.3
110	2.3	-42.9	14.2
120	8.3	-33.9	14.1
130	9.9	-31.8	14.0
140	13.7	-30.3	13.9
150	19.8	-27.9	13.9
160	10.6	-31.7	13.8
170	10.4	-27.2	13.7
180	12.9	-26.7	13.6
190	13.4	-21.5	13.6
200	14.5	-25.5	13.5
220	9.6	-15.4	13.3
240	9.5	-17.3	12.8
260	9.8	-13.3	12.0
280	8.6	-9.8	11.0
300	14.7	-17.4	10.5
320	5.7	-13.7	9.6
340	5.1	-15.2	9.3
360	4.7	-20.1	8.9
380	5.4	-22.4	8.7
400	4.9	-23.0	8.6
450	10.6	-11.2	7.9
500	-0.6	-7.4	6.7
550	1.1	-9.4	6.4
600	1.6	-12.2	6.2
650	-2.2	-16.5	5.8
700	-1.2	-26.1	5.6
750	2.5	-20.3	5.4
800	0.1	-9.3	5.1
850	-1.3	-5.7	4.8
900	-2.2	-6.3	4.7
950	6.9	-2.9	4.4
1000	6.4	-0.8	4.1
1100	3.0	-8.8	3.7

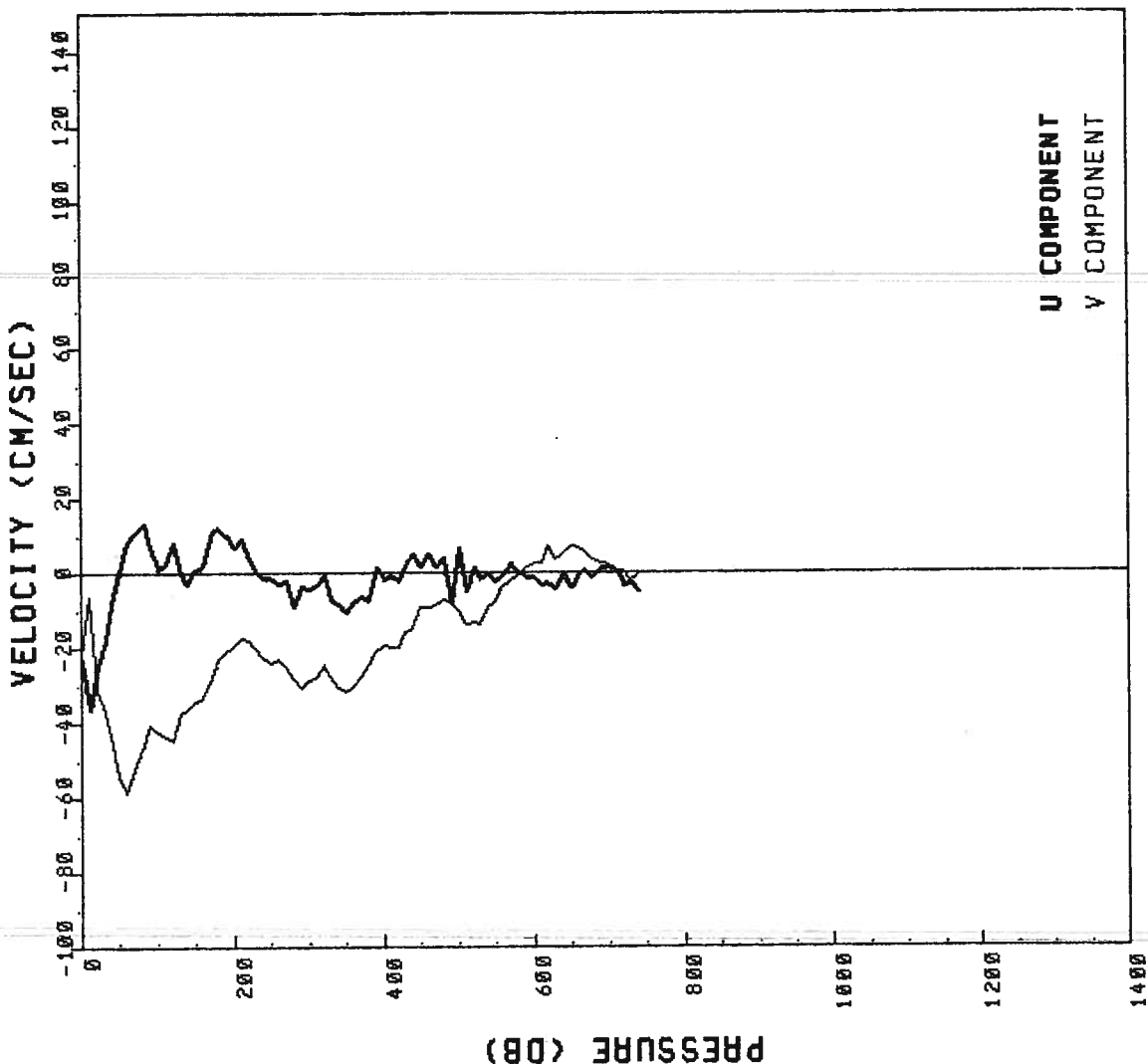


U COMPONENT
 V COMPONENT

EP1-82-01 PEGASUS 12
 R/V DISCOVERER DATE 03 07 82
 LATITUDE 5.103 S LONGITUDE 81.506 W

TIME 0442 Z

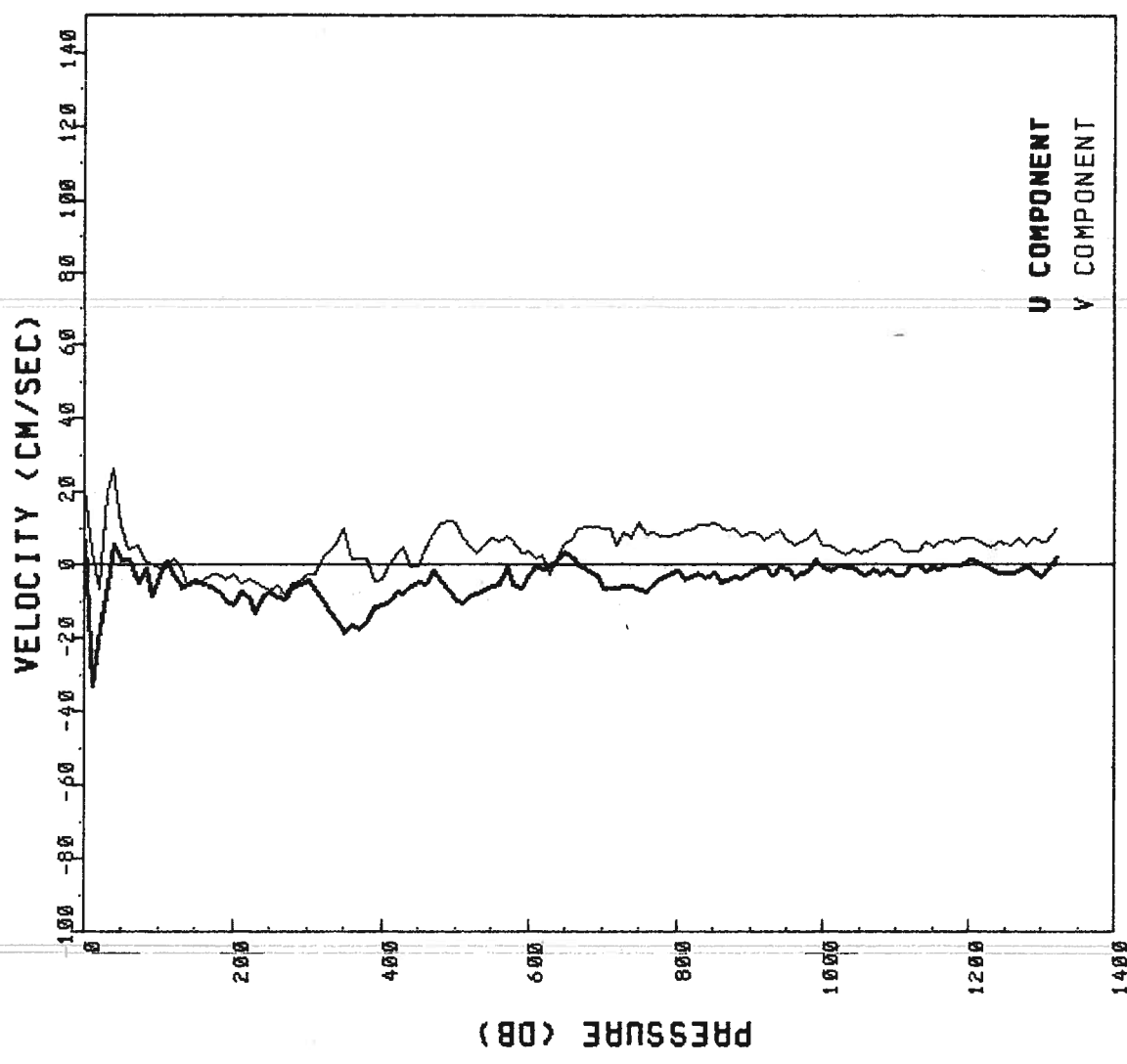
PRESSURE	U	V	T
0	-22.7	-21.9	18.7
10	-36.1	-5.5	18.7
20	-24.3	-31.1	18.0
30	-17.7	-36.3	17.7
40	-8.0	-42.9	17.5
50	0.7	-53.4	17.3
60	8.7	-58.3	16.8
70	11.6	-50.6	16.4
80	13.6	-45.4	16.0
90	7.6	-40.3	15.6
100	2.1	-42.5	15.3
110	3.0	-43.4	15.2
120	8.5	-44.4	15.0
130	-0.3	-37.3	14.9
140	-3.0	-36.0	14.7
150	1.1	-33.8	14.6
160	2.8	-33.0	14.5
170	11.5	-27.5	14.2
180	12.8	-22.6	14.1
190	10.4	-21.0	14.0
200	7.1	-19.2	13.9
220	4.3	-17.5	13.6
240	-0.6	-22.5	13.5
260	-2.4	-22.6	13.2
280	-9.3	-28.0	12.8
300	-3.8	-28.8	12.1
320	-0.4	-24.2	11.6
340	-8.1	-30.0	11.0
360	-7.2	-30.2	10.4
380	-6.6	-24.4	10.1
400	-1.2	-19.2	9.8
450	2.3	-8.9	9.0
500	7.2	-9.9	8.5
550	-1.9	-7.2	7.8
600	-1.0	3.1	7.2
650	-3.9	7.7	6.6
700	-2.5	2.7	6.3



U COMPONENT
 V COMPONENT

EP1-82-DI PEGASUS 11
 R/V DISCOVERER DATE 03 05 82 TIME 1937 Z
 LATITUDE 4.555 S LONGITUDE 85.003 W

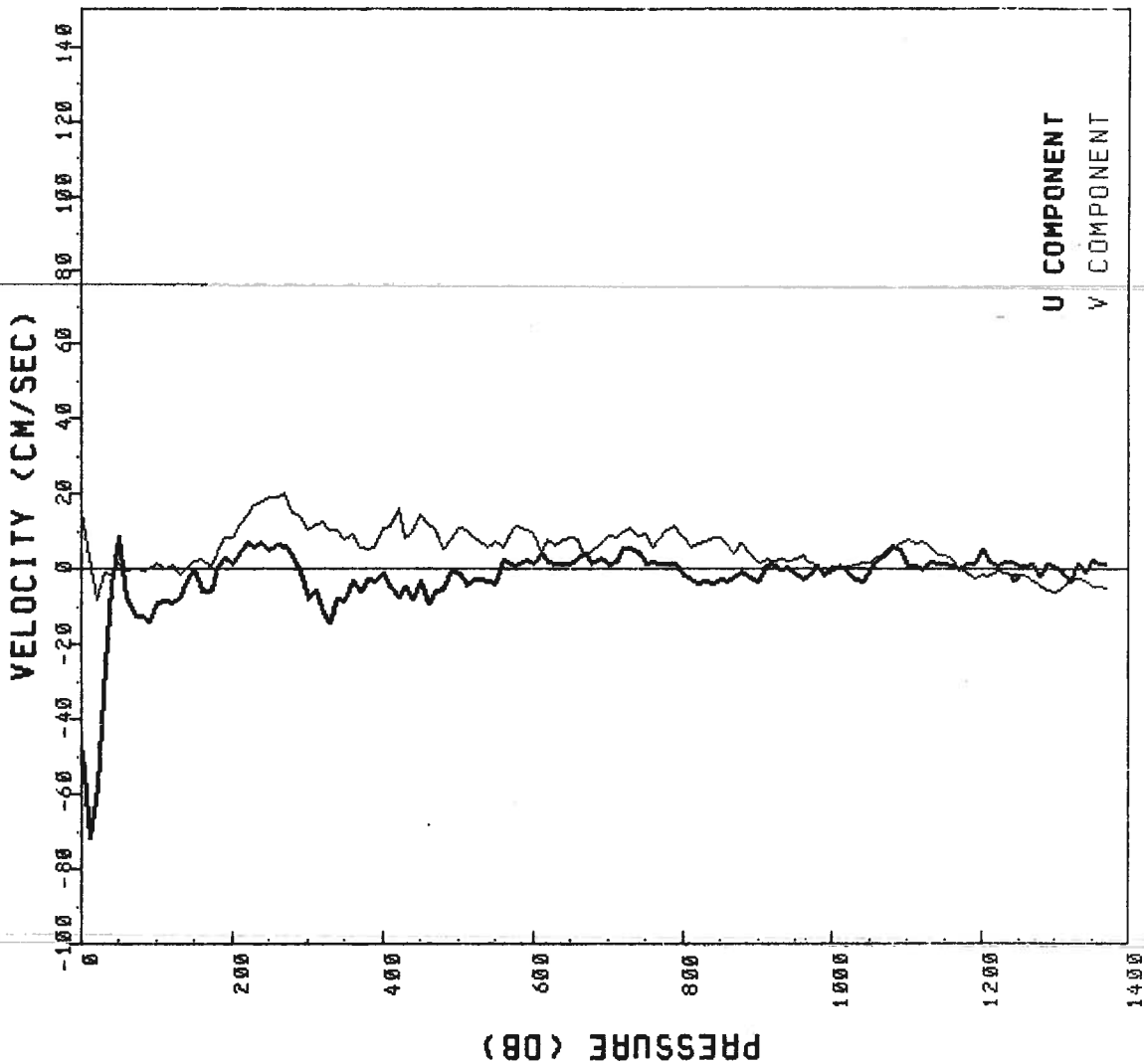
PRESSURE	U	V	T
0	7.1	21.0	26.6
10	-33.1	4.0	26.6
20	-16.8	-6.0	26.4
30	-5.0	19.7	22.2
40	6.0	26.6	19.1
50	2.2	10.7	16.8
60	2.0	4.8	15.8
70	-4.5	5.5	15.3
80	-0.7	0.9	14.8
90	-8.4	0.0	14.7
100	-2.7	-0.7	14.5
110	1.0	-0.1	14.4
120	-2.6	1.5	14.2
130	-5.6	-0.9	14.1
140	-4.5	-5.0	14.0
150	-3.8	-4.9	14.0
160	-4.8	-4.2	13.9
170	-5.2	-2.3	13.8
180	-6.5	-2.5	13.7
190	-9.8	-3.5	13.6
200	-10.5	-2.2	13.6
220	-8.5	-3.9	13.3
240	-8.6	-5.8	13.1
260	-8.7	-5.3	12.9
280	-5.4	-4.6	12.6
300	-3.6	-2.2	12.2
320	-9.9	2.8	11.5
340	-15.2	5.9	11.1
360	-15.9	1.7	10.7
380	-14.9	1.5	10.3
400	-10.8	-3.6	9.9
450	-4.2	-0.5	9.0
500	-9.8	11.2	8.4
550	-5.4	7.6	7.9
600	-2.5	4.0	7.3
650	4.1	5.8	6.7
700	-5.6	9.8	6.2
750	-6.2	11.2	5.8
800	-1.5	8.5	5.5
850	-1.9	11.4	5.3
900	-1.2	9.1	5.1
950	-0.6	7.2	4.8
1000	-0.5	5.7	4.7
1100	-2.2	6.5	4.3
1200	2.3	7.4	4.0
1300	-2.7	6.7	3.8



U COMPONENT
 V COMPONENT

EP1-82-01 PEGASUS 10
 R/V DISCOVERER DATE 03 05 82 TIME 0411 Z
 LATITUDE 3.320 S LONGITUDE 84.993 W

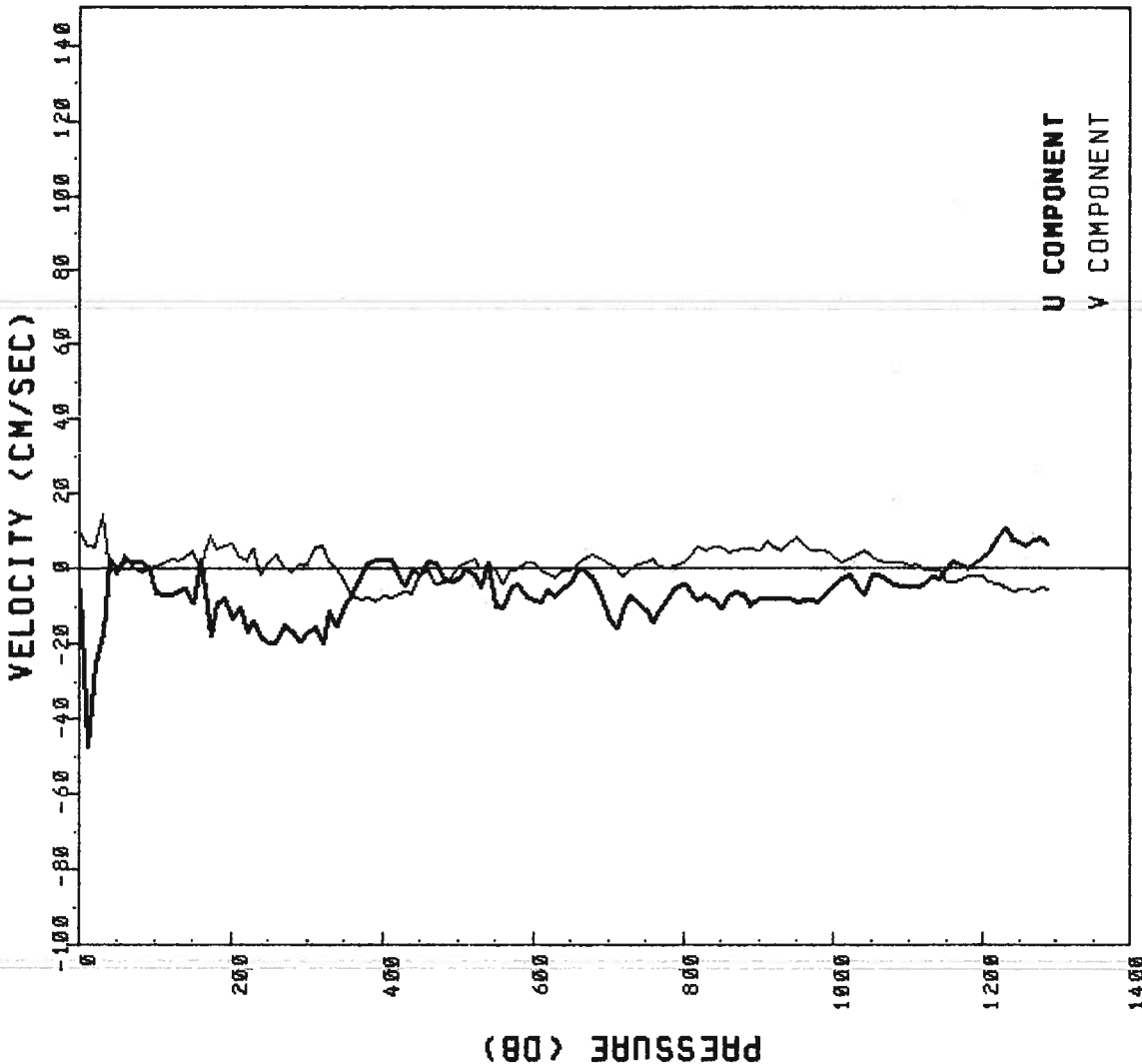
PRESSURE	U	V	T
0	-48.8	15.3	24.9
10	-71.4	3.7	24.9
20	-57.8	-7.8	24.5
30	-25.0	-0.7	23.1
40	-4.2	-1.5	17.7
50	8.9	1.7	16.3
60	-7.3	-0.1	15.2
70	-11.9	0.2	14.6
80	-12.1	-0.1	14.4
90	-13.3	0.2	14.1
100	-8.8	1.9	14.1
110	-7.5	0.3	14.1
120	-8.5	1.3	13.9
130	-6.8	-1.3	13.8
140	-2.8	0.0	13.8
150	0.4	2.8	13.7
160	-5.4	2.9	13.6
170	-5.0	0.7	13.6
180	0.8	4.6	13.5
190	3.7	8.6	13.4
200	1.9	8.5	13.3
220	7.6	14.9	13.1
240	7.7	16.0	13.0
260	7.1	19.0	12.9
280	4.1	15.1	12.7
300	-7.2	10.5	12.3
320	-11.7	13.1	11.6
340	-7.4	10.5	11.1
360	-3.0	9.3	10.5
380	-2.1	5.6	9.9
400	-0.8	11.1	9.5
450	-3.0	14.6	8.7
500	-0.6	10.8	8.0
550	-3.4	7.6	7.6
600	2.1	9.2	7.1
650	1.6	8.5	6.5
700	2.3	8.8	6.1
750	1.6	9.4	5.8
800	-1.2	8.4	5.6
850	-2.4	8.5	5.4
900	-2.7	2.3	5.2
950	-0.6	3.2	5.0
1000	0.1	0.7	4.8
1100	1.0	7.9	4.5
1200	5.5	-1.4	4.2
1300	1.1	-5.5	4.0



U COMPONENT
 V COMPONENT

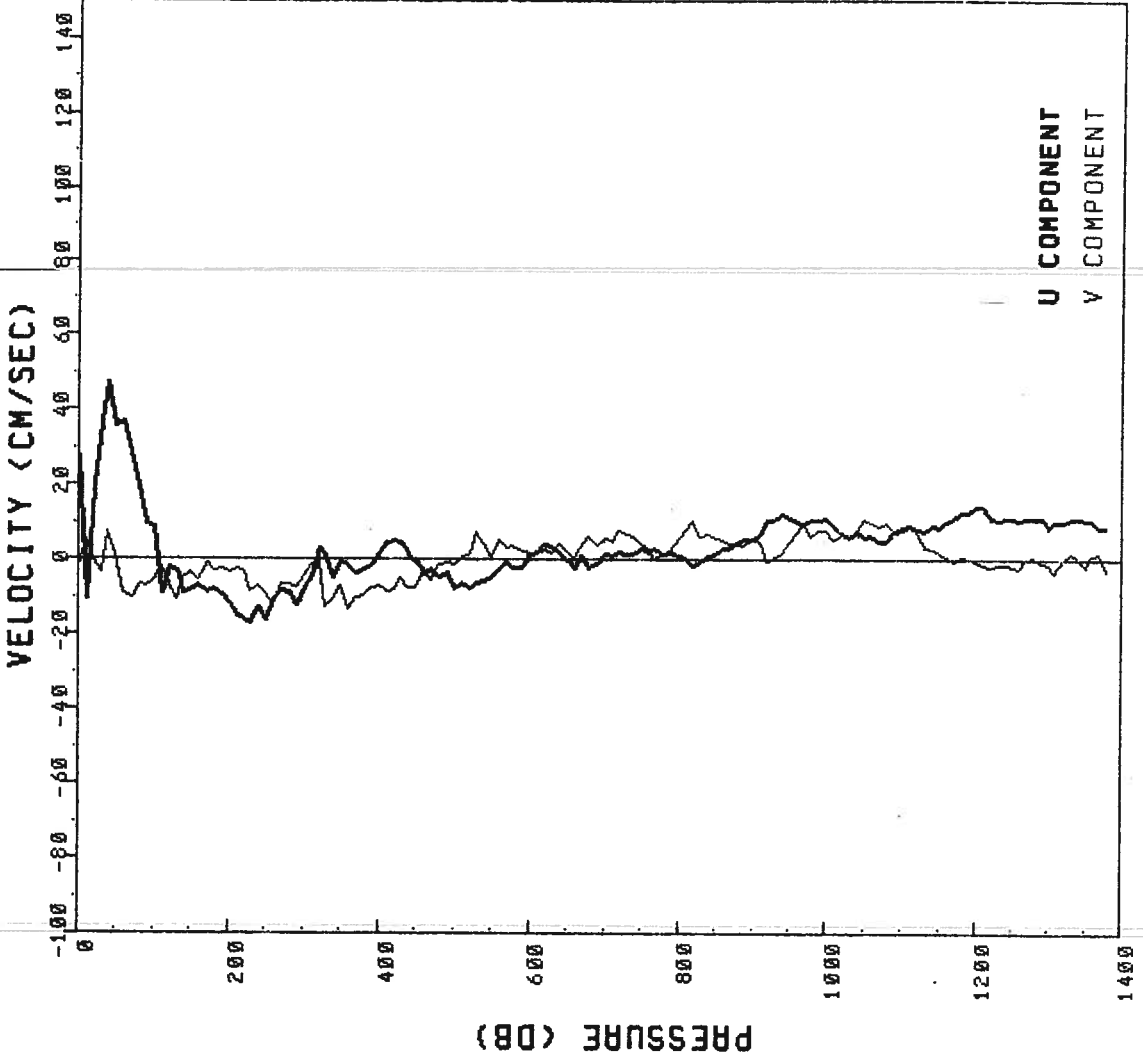
EP1-82-DI PEGASUS 9
 R/V DISCOVERER DATE 03 04 82 TIME 1737 Z
 LATITUDE 2.493 S LONGITUDE 85.015 W

PRESSURE	U	V	T
0	-5.4	10.5	24.9
10	-47.7	6.7	24.4
20	-24.9	5.8	21.1
30	-16.8	14.8	19.5
40	3.3	2.0	18.2
50	-0.4	-1.1	15.9
60	3.0	4.0	15.2
70	2.5	0.0	14.9
80	2.8	-0.7	14.6
90	0.6	0.2	14.5
100	-5.5	0.7	14.3
110	-6.1	1.4	14.2
120	-6.1	3.3	14.1
130	-5.2	2.6	14.0
140	-4.7	3.4	13.9
150	-9.1	5.1	13.8
160	2.9	0.5	13.7
170	-18.1	9.1	13.7
180	-9.0	5.5	13.6
190	-7.0	6.4	13.6
200	-12.9	7.0	13.4
220	-16.5	2.4	13.3
240	-18.1	-1.4	13.1
260	-19.4	3.9	12.9
280	-16.0	-0.7	12.6
300	-16.3	1.0	12.1
320	-19.7	6.7	11.7
340	-15.2	0.1	11.0
360	-6.3	-6.6	10.4
380	1.5	-7.4	9.9
400	2.9	-6.8	9.4
450	-1.3	-1.2	8.4
500	-2.3	0.8	7.8
550	-9.5	0.4	7.3
600	-7.8	1.8	6.8
650	-3.4	-0.3	6.5
700	-12.8	1.0	6.1
750	-10.6	1.4	5.8
800	-3.6	1.4	5.5
850	-10.6	6.1	5.3
900	-7.0	5.0	5.0
950	-8.6	8.3	4.8
1000	-4.1	3.4	4.6
1100	-4.4	0.6	4.3
1200	3.4	-1.8	4.1



EP1-82-01 PEGASUS 8
 R/V DISCOVERER DATE 03 04 82 TIME 0635 Z
 LATITUDE 1.490 S LONGITUDE 84.988 W

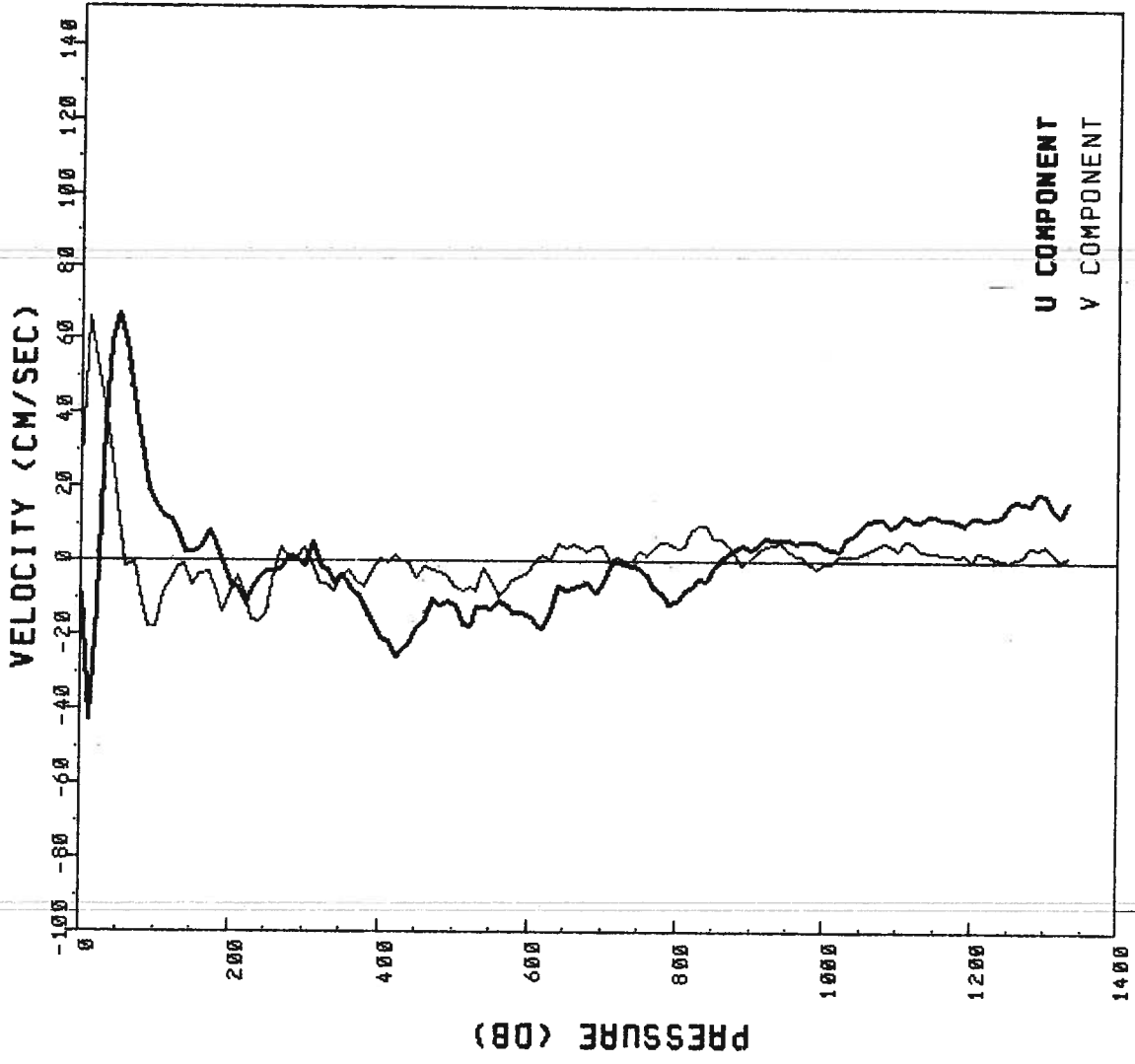
PRESSURE (DB)	U	V	T
0	28.2	-1.6	27.9
10	-10.8	5.3	25.6
20	19.5	-0.1	23.6
30	37.0	-3.1	19.7
40	47.3	7.5	18.1
50	36.4	1.3	17.3
60	37.5	-9.2	16.3
70	27.2	-9.9	15.9
80	17.2	-6.0	15.6
90	10.1	-6.5	15.4
100	9.1	-5.4	14.8
110	-9.1	-2.0	14.5
120	-1.9	-6.2	14.4
130	-3.0	-10.6	14.4
140	-8.4	-4.5	14.2
150	-7.7	-3.2	14.2
160	-6.1	-5.2	14.1
170	-8.5	-0.6	14.0
180	-7.1	-3.0	14.0
190	-9.2	-2.3	13.9
200	-11.5	-3.3	13.8
220	-15.5	-3.4	13.6
240	-12.7	-6.9	13.4
260	-10.4	-12.0	13.2
280	-8.5	-6.0	13.0
300	-7.1	-4.4	12.2
320	3.8	-0.4	10.6
340	-4.5	-10.5	9.9
360	-1.5	-13.0	9.5
380	-2.4	-9.6	9.4
400	2.1	-6.6	9.2
450	-0.2	-7.4	8.3
500	-7.1	-1.1	7.8
550	-4.4	0.6	7.2
600	2.1	1.7	6.9
650	0.3	2.5	6.5
700	1.9	6.0	5.9
750	3.7	4.7	5.7
800	0.9	6.1	5.5
850	1.5	6.2	5.3
900	5.9	6.2	5.1
950	11.7	5.0	4.9
1000	11.6	8.0	4.8
1100	8.6	9.1	4.5
1200	14.9	-0.2	4.2
1300	9.1	-1.5	4.1



U COMPONENT
 V COMPONENT

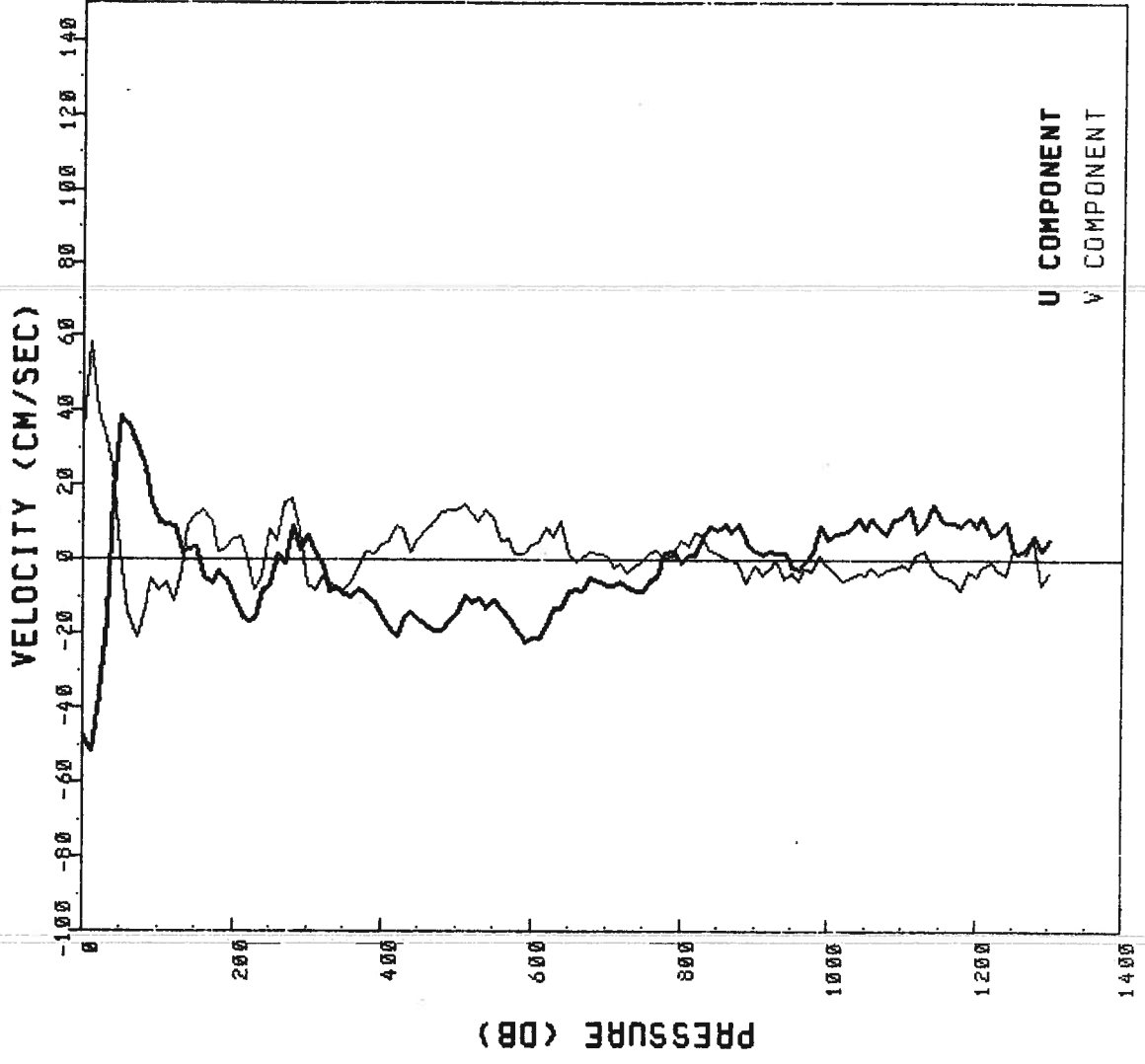
EP1-82-01 PEGASUS 7
 R/V DISCOVERER DATE 03 03 82
 LATITUDE 0.645 S LONGITUDE 84.970 W
 TIME 1959 Z

PRESSURE (DB)	U	V	T
0	-9.1	25.8	25.7
10	-42.8	65.9	25.3
20	-11.9	55.0	24.7
30	37.2	42.1	21.7
40	59.0	92.9	20.2
50	67.2	15.7	18.6
60	59.1	-1.5	17.3
70	41.6	-0.2	16.5
80	29.2	-10.9	15.8
90	19.5	-18.0	15.5
100	15.4	-17.8	15.2
110	12.9	-8.7	15.1
120	11.4	-5.4	15.1
130	6.9	-1.2	15.0
140	3.1	-0.9	15.0
150	3.2	-6.0	14.9
160	4.2	-3.1	14.7
170	8.5	-3.0	14.6
180	5.0	-6.7	14.5
190	-0.3	-13.6	14.4
200	-5.8	-8.8	14.2
220	-11.8	-9.1	14.0
240	-4.3	-15.9	13.8
260	-2.2	-2.6	13.2
280	2.1	0.8	12.9
300	-0.7	4.0	12.3
320	-1.0	-5.5	10.6
340	-5.3	-7.7	10.1
360	-6.0	-2.5	9.7
380	-12.2	-6.5	9.6
400	-20.2	0.8	9.3
450	-18.0	-4.4	8.8
500	-11.8	-6.9	8.5
550	-12.3	-4.9	7.8
600	-14.6	-2.5	7.2
650	-7.4	3.9	6.6
700	-5.1	4.8	6.2
750	-1.1	3.2	5.9
800	-10.8	4.0	5.7
850	-1.2	6.5	5.4
900	3.9	1.1	4.9
950	6.3	3.5	4.8
1000	4.5	-0.4	4.6
1100	10.8	-3.4	4.3
1200	13.0	0.1	4.1
1300	18.5	5.2	3.8



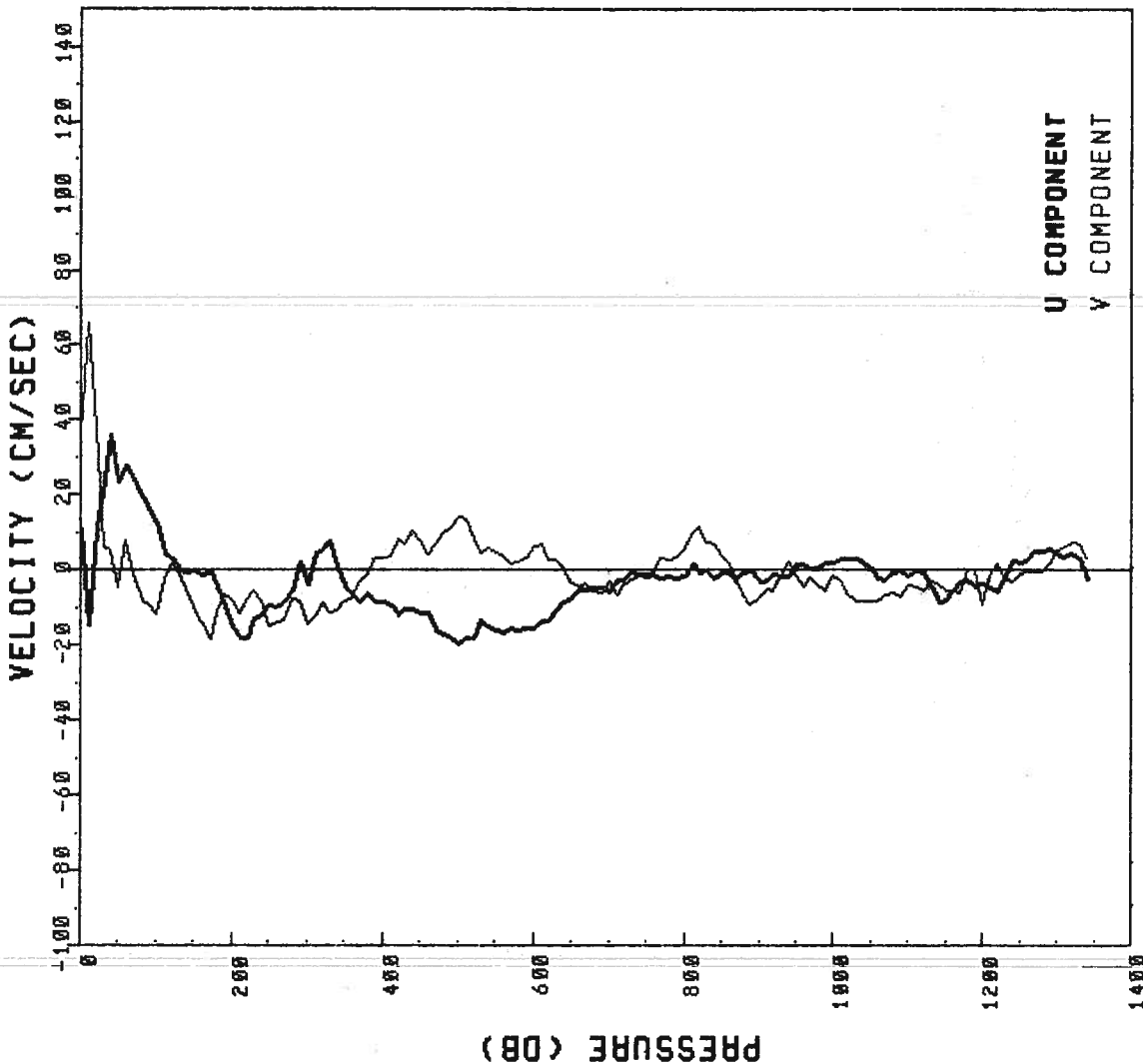
EP1-82-DI PEGASUS 6
 R/V DISCOVERER DATE 03 03 82
 LATITUDE 0.016 N LONGITUDE 85.052 W
 TIME 1011 Z

PRESSURE	U	V	T
0	-47.5	35.0	25.1
10	-51.5	58.5	25.0
20	-36.7	39.5	24.4
30	-16.0	32.9	22.7
40	18.6	25.2	21.2
50	38.6	2.5	19.6
60	36.8	-14.1	19.1
70	29.8	-20.6	18.3
80	24.6	-12.9	17.1
90	15.7	-4.7	15.4
100	10.6	-8.3	15.4
110	9.8	-5.5	15.4
120	9.3	-11.3	15.4
130	2.7	-2.3	15.0
140	3.5	9.3	14.8
150	4.0	12.5	14.7
160	-3.6	13.9	14.6
170	-5.6	10.2	14.6
180	-2.7	2.6	14.6
190	-4.7	3.4	14.4
200	-10.3	6.0	14.3
220	-16.0	-1.0	13.9
240	-8.0	-4.0	13.8
260	1.9	5.3	13.1
280	9.4	16.6	12.2
300	6.8	-6.0	11.1
320	-1.3	-4.2	10.4
340	-6.5	-7.0	10.1
360	-9.7	-5.8	9.8
380	-9.1	2.8	9.6
400	-15.3	4.5	9.4
450	-15.3	6.1	8.4
500	-14.0	13.7	7.7
550	-10.5	11.6	7.2
600	-20.8	4.8	6.8
650	-8.2	1.7	6.3
700	-6.0	1.2	6.1
750	-8.0	0.2	5.9
800	-0.4	5.7	5.6
850	8.3	2.1	5.3
900	3.0	-1.2	5.0
950	-1.2	-3.1	4.8
1000	-5.9	-1.5	4.5
1100	12.6	-1.0	4.2
1200	9.0	-4.2	3.9
1300	6.0	-3.2	3.7



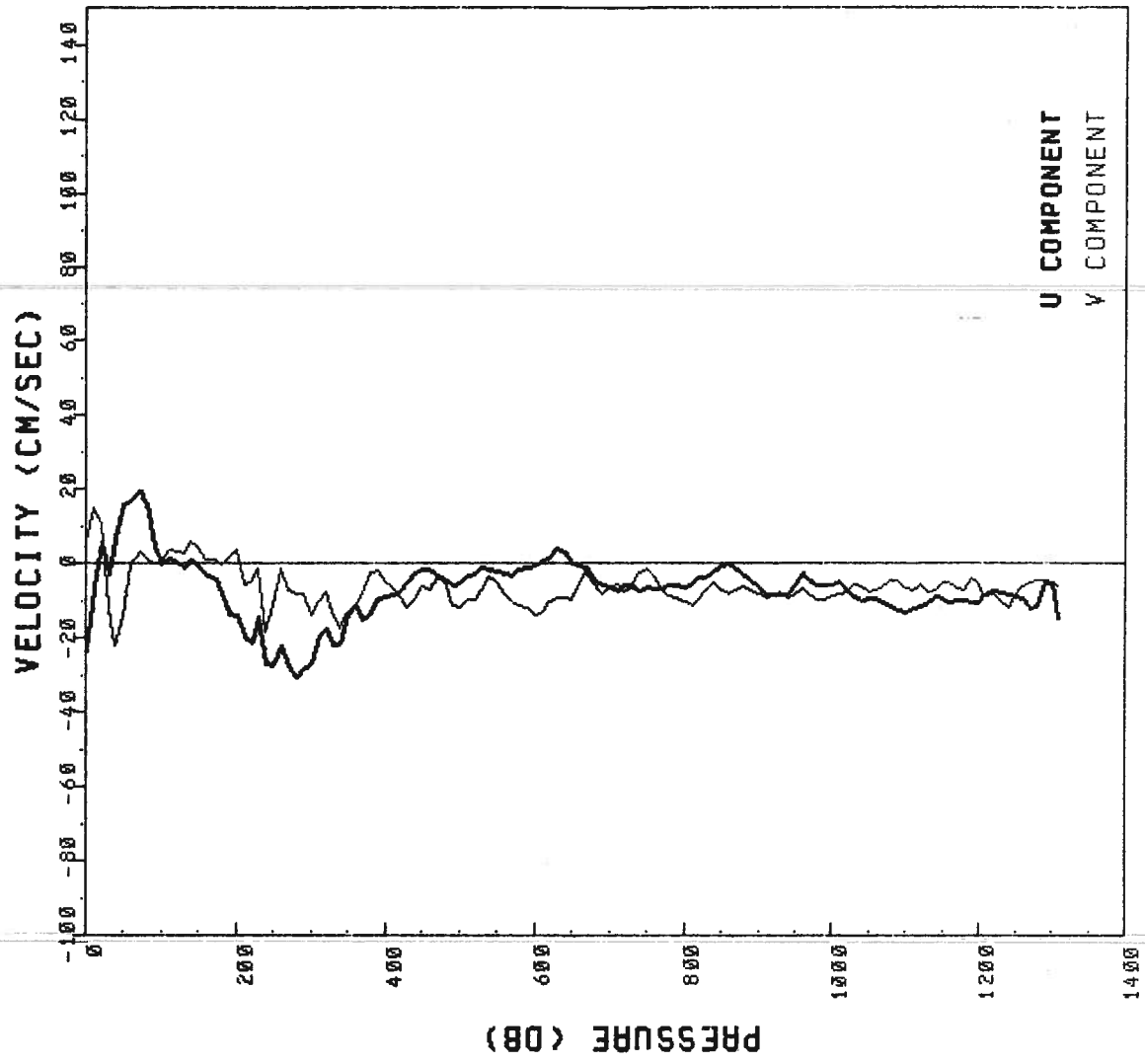
EP1-82-DI PEGASUS 5
 R/V DISCOVERER DATE 03 02 82
 LATITUDE 0.673 N LONGITUDE 84.996 W
 TIME 2316 Z

PRESSURE (DB)	U	V	T
0	10.8	36.2	25.2
10	-14.5	65.9	24.7
20	11.1	37.9	23.5
30	23.9	21.6	
40	36.1	5.5	20.3
50	23.5	-4.1	18.5
60	28.1	0.0	16.4
70	23.5	-2.1	15.4
80	19.0	-7.9	15.4
90	16.6	-9.3	15.3
100	13.1	-11.4	15.3
110	5.0	-2.1	14.8
120	9.8	2.3	14.8
130	0.0	-0.8	14.7
140	-0.1	-4.5	14.6
150	0.4	-9.6	14.6
160	-0.7	-13.5	14.5
170	-0.2	-18.4	14.5
180	-4.4	-11.3	14.3
190	-9.6	-6.2	14.2
200	-14.9	-7.5	14.0
220	-17.6	-7.0	13.9
240	-11.5	-7.8	13.3
260	-9.4	-13.6	13.0
280	-5.0	-17.3	12.7
300	-3.6	-13.8	11.7
320	6.1	-8.4	10.6
340	1.3	-10.5	10.1
360	-5.5	-6.7	9.9
380	-5.8	-0.9	9.5
400	-8.1	3.5	9.3
450	-11.3	8.1	8.7
500	-19.4	14.5	8.1
550	-15.6	5.2	7.1
600	-15.1	6.3	6.7
650	-6.7	-3.1	6.3
700	-5.4	-2.8	6.1
750	-1.2	-0.6	5.9
800	-1.5	6.0	5.7
850	-0.1	4.0	5.2
900	-2.7	-6.5	5.0
950	1.4	-1.4	4.8
1000	2.4	-1.3	4.7
1100	-1.1	-3.9	4.3
1200	-3.2	-8.9	4.0
1300	4.9	-5.5	3.7



EP1-82-DI PEGASUS 4
 R/V DISCOVERER DATE 03 02 82 TIME 1254 Z
 LATITUDE 1.510 N LONGITUDE 84.995 W

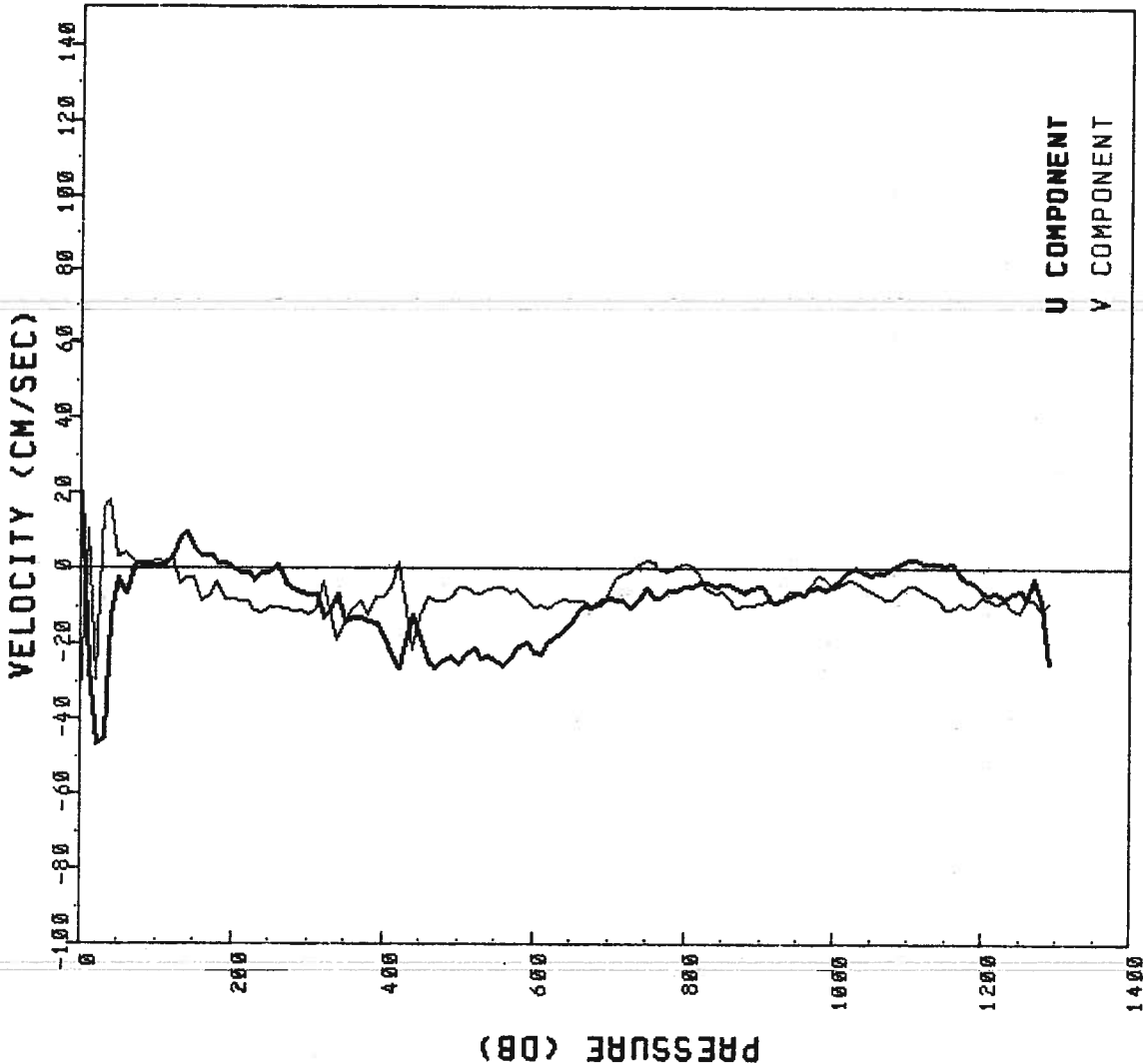
PRESSURE	U	V	T
0	-29.3	5.9	26.8
10	-6.4	15.4	26.7
20	6.1	11.1	26.7
30	-2.6	-11.5	26.5
40	6.9	-22.0	25.2
50	16.1	-14.0	18.1
60	17.3	-0.4	16.3
70	19.6	3.7	15.5
80	14.3	1.1	15.2
90	5.1	0.1	15.0
100	0.4	0.5	14.8
110	2.2	4.3	14.7
120	0.5	3.8	14.6
130	-0.7	3.2	14.6
140	1.0	6.0	14.6
150	-0.1	4.7	14.4
160	-2.4	1.1	14.4
170	-3.8	1.0	14.3
180	-8.2	-0.3	14.1
190	-13.2	2.1	13.9
200	-13.3	4.1	13.7
220	-20.6	-4.3	13.6
240	-26.3	-18.2	13.4
260	-22.0	-1.2	13.1
280	-30.6	-8.1	12.7
300	-26.1	-13.5	12.3
320	-17.0	-7.4	12.1
340	-21.4	-16.8	11.6
360	-11.2	-11.6	10.9
380	-13.1	-2.1	10.4
400	-8.8	-4.5	9.8
450	-1.2	-5.8	8.6
500	-4.9	-11.6	8.2
550	-2.0	-4.7	7.8
600	-0.4	-13.6	7.2
650	0.1	-9.5	6.8
700	-5.6	-5.6	6.2
750	-5.6	-1.2	5.8
800	-5.8	-10.0	5.5
850	-0.4	-6.7	5.2
900	-5.9	-8.3	5.2
950	-5.2	-8.2	4.9
1000	-5.1	-8.4	4.7
1100	-12.6	-6.4	4.4
1200	-9.9	-5.2	4.2
1300	-4.9	-4.4	3.9



U COMPONENT
 V COMPONENT

EP1-82-01 PEGASUS 3
 R/V DISCOVERER DATE 03 02 82 TIME 0149 Z
 LATITUDE 2.510 N LONGITUDE 84.990 W

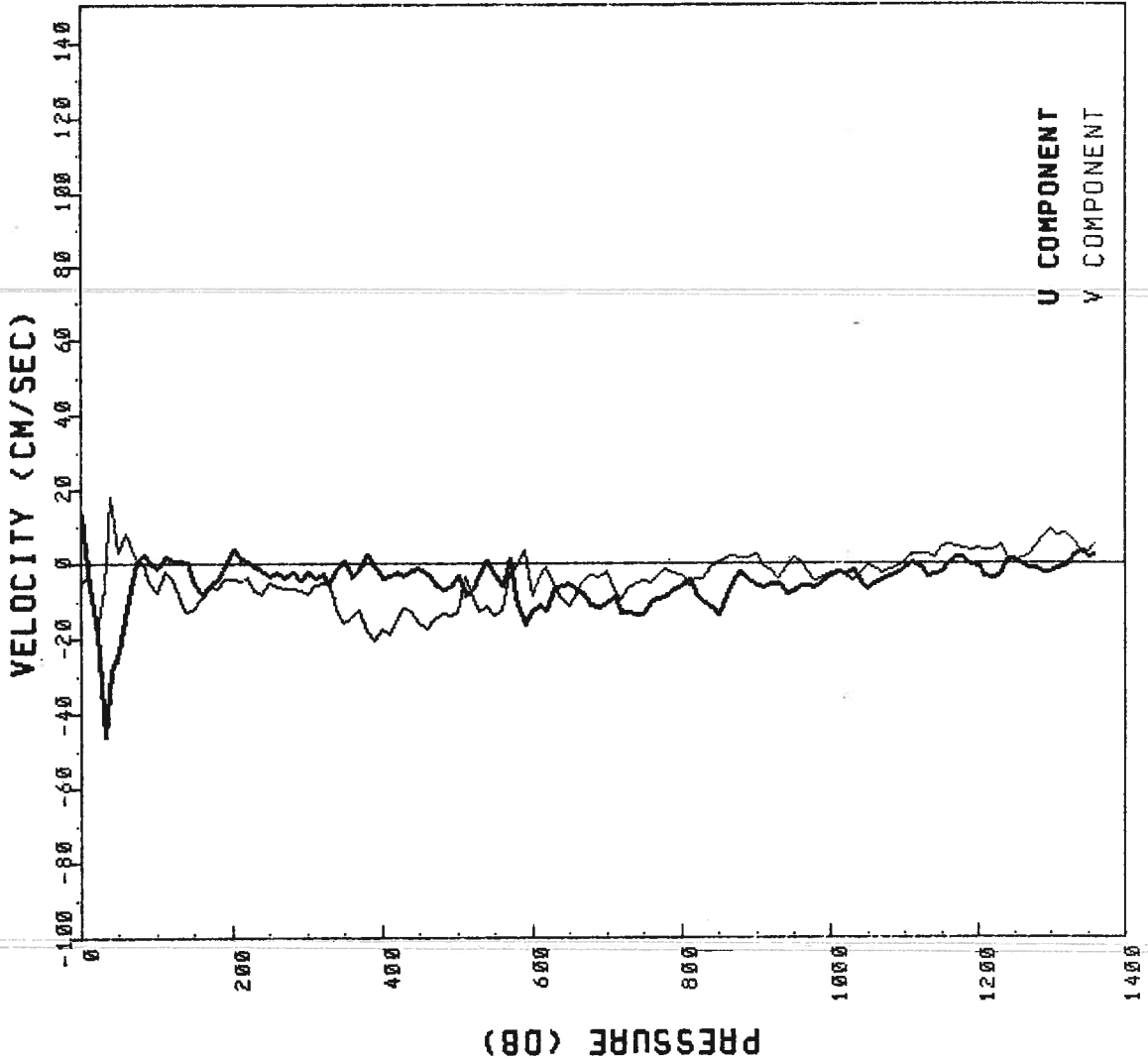
PRESSURE (DB)	U	V	T
0	20.1	-35.7	28.3
10	-26.0	-10.3	28.3
20	-46.0	-29.4	28.3
30	-44.9	16.5	25.6
40	-12.4	18.0	19.8
50	-2.2	3.5	16.5
60	-6.4	4.8	15.7
70	2.3	2.1	15.2
80	1.3	1.9	14.8
90	1.2	2.3	14.6
100	1.1	2.4	14.4
110	1.1	1.8	14.2
120	3.6	3.8	14.2
130	8.6	-3.7	13.9
140	10.1	-2.2	13.8
150	6.2	-2.1	13.7
160	4.3	-8.8	13.6
170	3.9	-6.0	13.6
180	2.0	-3.2	13.4
190	1.7	-8.3	13.4
200	0.7	-7.9	13.3
220	0.9	-8.5	13.1
240	-0.6	-11.6	13.0
260	1.0	-10.3	12.8
280	-4.5	-11.3	12.4
300	-6.2	-13.0	11.8
320	-12.5	-3.3	11.2
340	-6.2	-18.7	10.9
360	-12.3	-10.6	10.5
380	-13.5	-11.9	10.2
400	-17.2	-7.4	10.0
420	-18.4	-12.7	9.9
450	-24.5	-4.5	8.7
500	-23.7	-4.6	8.1
550	-21.9	-10.1	7.5
600	-13.8	-8.8	7.1
650	-7.4	-6.1	6.5
700	-4.6	2.4	6.1
750	-4.1	0.9	5.8
800	-3.7	-5.5	5.5
850	-4.1	-9.0	5.2
900	-5.8	-5.7	4.9
950	-3.9	-4.6	4.7
1000	3.2	-4.3	4.4
1100	-5.1	-7.1	4.1
1200			



U COMPONENT
 V COMPONENT

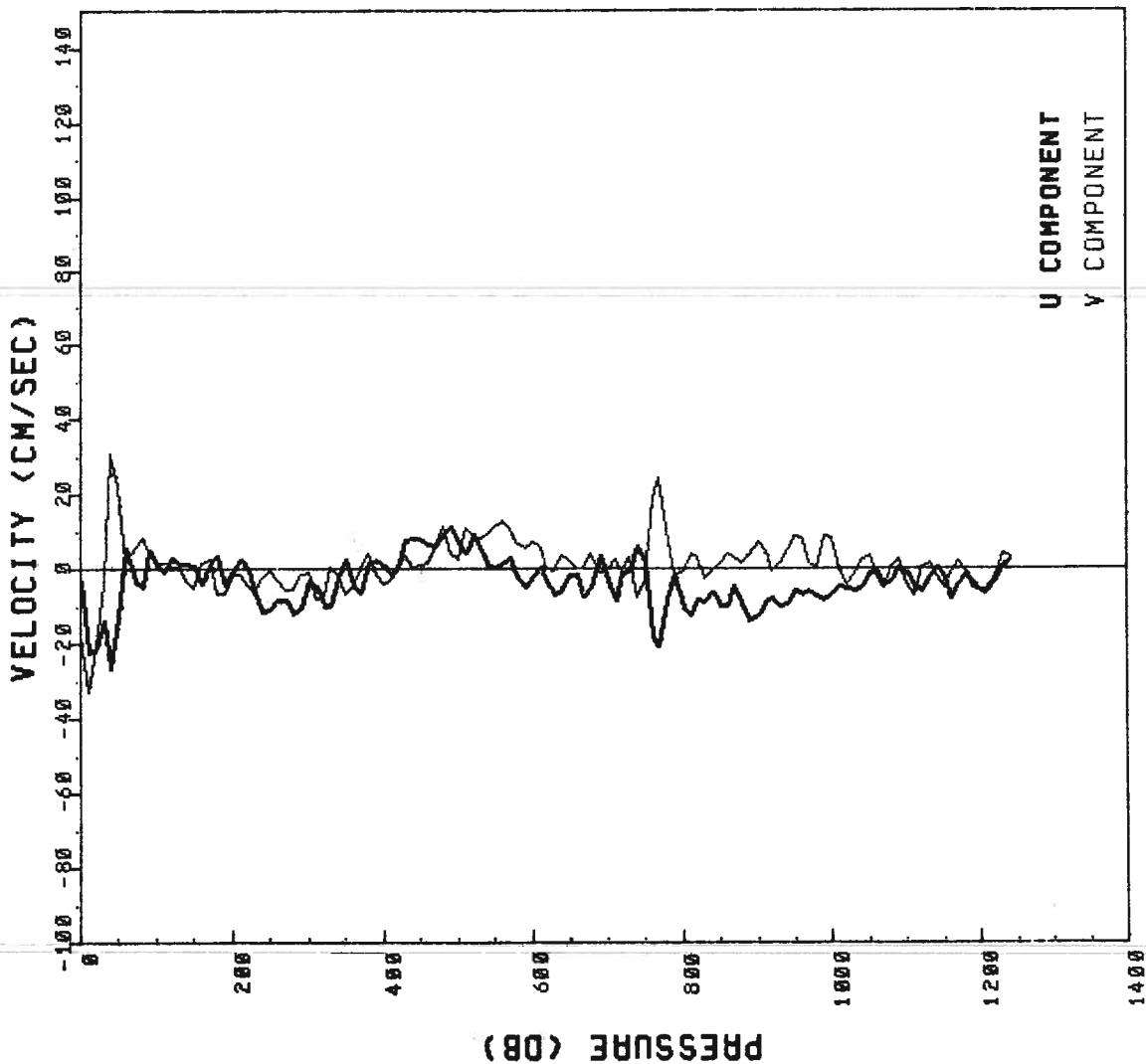
EP1-82-DI PEGASUS 2
 R/V DISCOVERER DATE 03 01 82 TIME 1530 Z
 LATITUDE 3.376 N LONGITUDE 84.998 W

PRESSURE (DB)	U	V	T
0	13.9	-4.2	29.1
10	-5.7	-3.1	29.0
20	-17.8	-18.9	28.9
30	-45.9	-5.6	27.3
40	-28.8	18.0	22.8
50	-22.7	3.7	19.1
60	-11.6	8.4	17.2
70	0.7	1.8	15.6
80	2.9	0.0	15.2
90	0.8	-4.9	14.9
100	-0.7	-7.2	14.6
110	2.6	-1.8	14.3
120	1.2	-3.9	14.1
130	1.1	-9.8	14.1
140	0.5	-12.7	14.0
150	-5.3	-11.7	13.8
160	-8.2	-9.1	13.7
170	-4.5	-5.5	13.6
180	-3.8	-6.1	13.5
190	-0.2	-3.9	13.3
200	4.7	-3.9	13.1
220	0.9	-3.3	13.0
240	-1.3	-7.7	12.7
260	-1.8	-5.5	12.5
280	-1.9	-6.4	12.0
300	-1.6	-7.6	11.6
320	-2.4	-4.8	10.9
340	-1.5	-11.6	10.3
360	-3.3	-13.8	9.9
380	2.9	-17.6	9.6
400	-3.2	-17.1	9.4
450	-1.0	-15.4	8.9
500	-2.6	-12.3	8.4
550	-3.0	-13.7	8.0
600	-12.0	-8.6	7.6
650	-4.9	-10.9	7.0
700	-10.0	-1.8	6.5
750	-13.0	-4.4	6.0
800	-5.1	-2.9	5.7
850	-13.3	0.5	5.5
900	-5.2	3.2	5.2
950	-6.6	2.1	5.0
1000	-2.9	-2.4	4.8
1100	-0.8	0.5	4.5
1200	-0.2	4.7	4.2
1300	-2.0	9.2	3.9



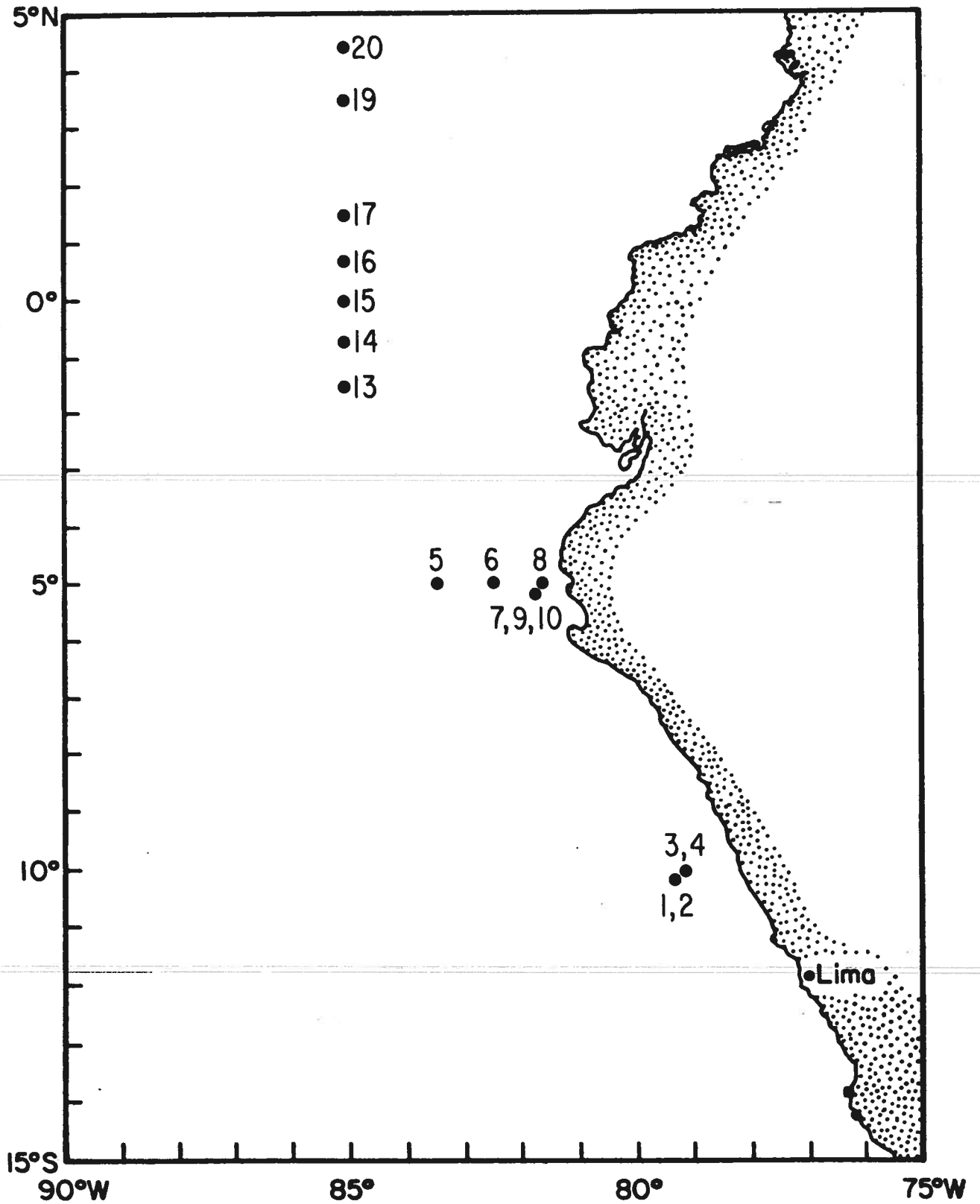
EP1-82-DI PEGASUS 1
 R/V DISCOVERER DATE 03 01 82 TIME 0323 Z
 LATITUDE 4.205 N LONGITUDE 84.903 W

PRESSURE	U	V	T
0	-2.8	-17.0	29.4
10	-21.7	-32.6	29.0
20	-20.7	-20.8	29.2
30	-13.5	-3.1	28.7
40	-26.0	30.8	24.0
50	-12.7	22.8	19.9
60	5.8	2.6	17.6
70	-3.0	6.2	16.5
80	-4.0	8.5	16.0
90	5.3	5.5	15.4
100	2.3	2.2	14.9
110	-0.4	1.6	14.7
120	3.5	0.8	14.6
130	2.0	0.6	14.5
140	2.3	-2.6	14.3
150	1.0	-4.9	14.1
160	-3.8	1.9	13.9
170	2.8	3.1	13.8
180	4.0	-6.2	13.7
190	-4.2	-6.3	13.6
200	-0.4	-1.3	13.4
220	0.2	-4.3	13.2
240	-11.3	-2.3	12.9
260	-7.6	-2.7	12.6
280	-11.7	-5.1	12.2
300	-3.0	-0.9	11.8
320	-9.8	-6.5	11.6
340	-2.1	-1.4	11.1
360	-3.5	-4.3	10.7
380	2.2	4.7	10.1
400	1.0	-3.6	9.6
450	8.6	1.0	8.7
500	7.0	3.3	8.3
550	0.6	11.5	7.8
600	-1.8	7.4	7.2
650	-1.4	2.7	6.8
700	-3.0	0.4	6.5
750	2.3	-0.3	6.1
800	-10.0	-0.3	5.7
850	-9.7	2.1	5.4
900	-11.9	7.4	5.1
950	-5.3	8.9	4.9
1000	-6.3	8.3	4.6
1100	-0.7	-3.9	4.2
1200	-5.2	-5.0	3.8



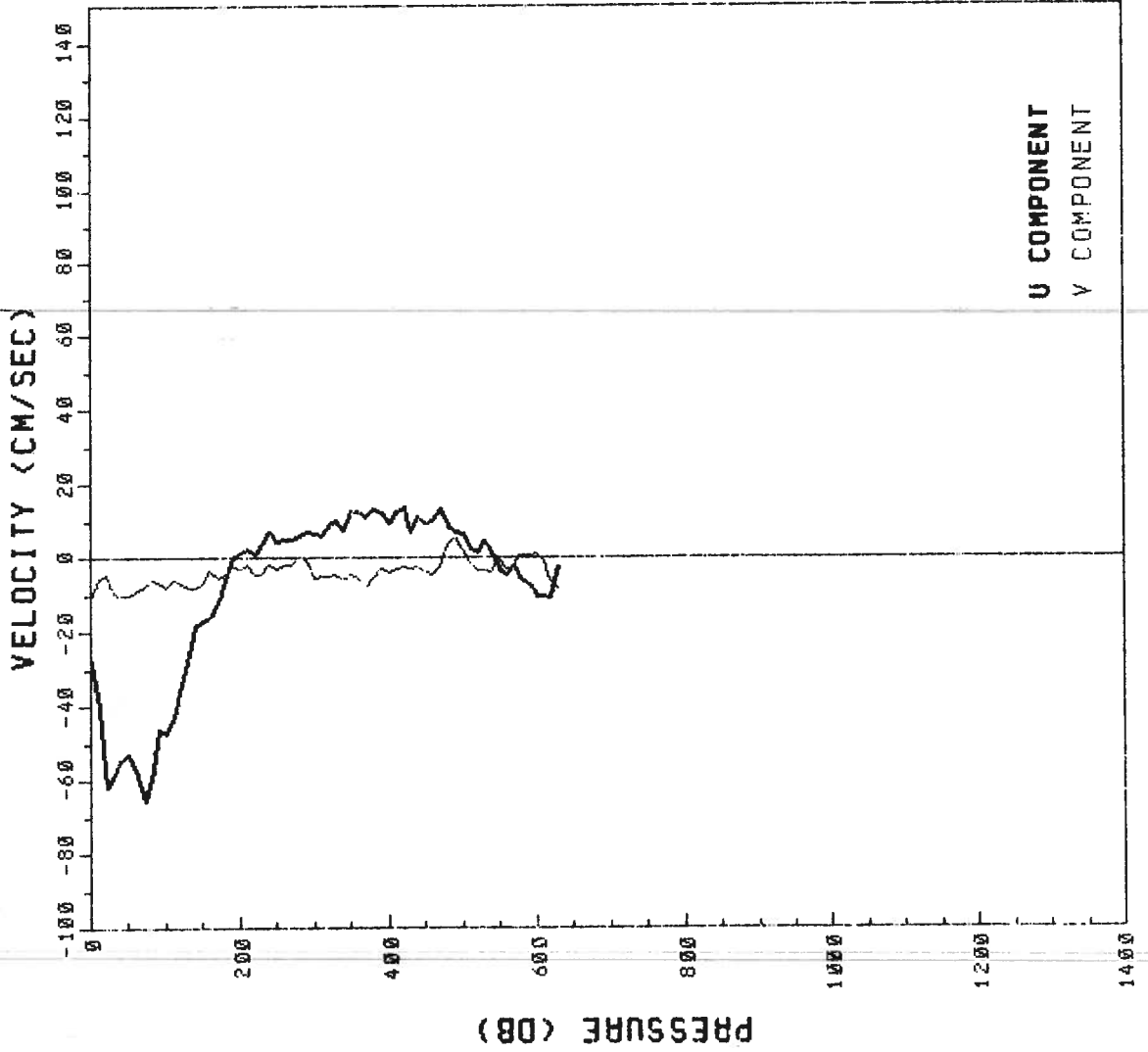
APPENDIX F: EP5-82-RS

PEGASUS STATIONS EP5 - 82 - RS



EP5-82-RS PEGASUS 1
 R/V RESEARCHER DATE 11 21 82 TIME 0457 Z
 LATITUDE 10.205 S LONGITUDE 79.300 W

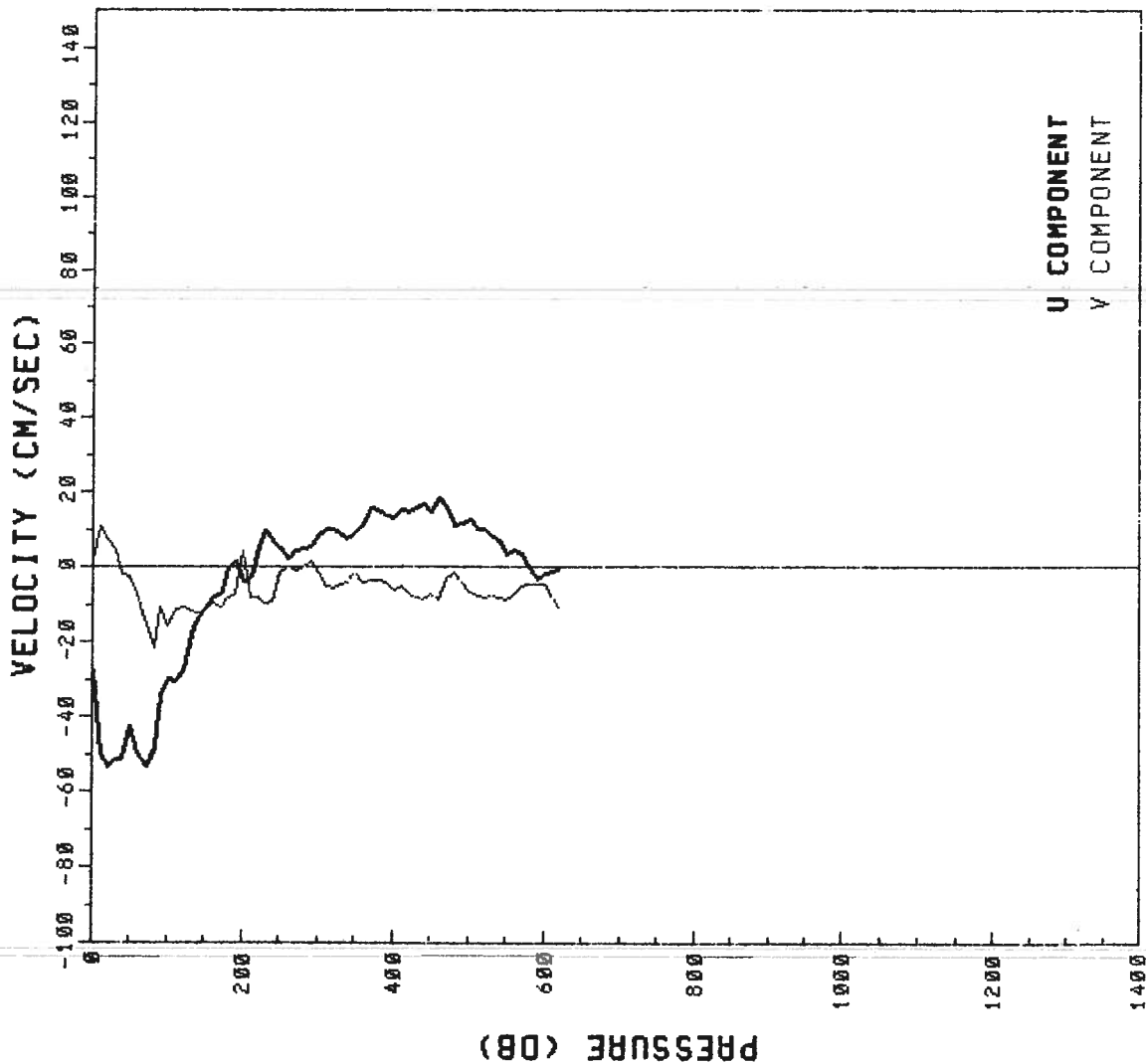
0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	
0	-27.0	-40.3	-61.8	-58.5	-54.1	-52.5	-56.4	-65.3	-56.4	-45.7	-46.6	-42.9	-33.3	-25.8	-18.3	-16.3	-15.3	-11.1	-5.6	0.3	1.9	1.3	7.7	5.5	6.5	7.1	9.6	7.3	13.3	13.3	9.5	9.9	6.9	-2.8	-10.2
0	-11.0	-5.4	-4.2	-9.5	-10.3	-10.0	-8.9	-7.4	-5.7	-6.3	-8.1	-5.6	-6.7	-8.3	-7.8	-6.8	-3.1	-5.2	-4.3	-2.5	-2.8	-4.0	-1.6	-1.6	0.1	-5.3	-4.5	-5.6	-5.2	-5.0	-3.6	-3.5	2.6	-0.3	1.0
0	22.6	22.6	22.6	22.3	22.4	21.3	20.1	19.1	17.2	16.5	16.0	15.5	15.3	15.0	14.8	14.7	14.5	14.3	14.1	13.8	13.4	13.1	12.8	12.5	12.2	11.9	11.4	11.0	10.0	8.9	8.0	8.0	7.2		



U COMPONENT
 V COMPONENT

EP5-82-RS PEGASUS 2
 R/V RESEARCHER DATE 11 21 82
 LATITUDE 10.192 S LONGITUDE 79.330 W
 TIME 0744 Z

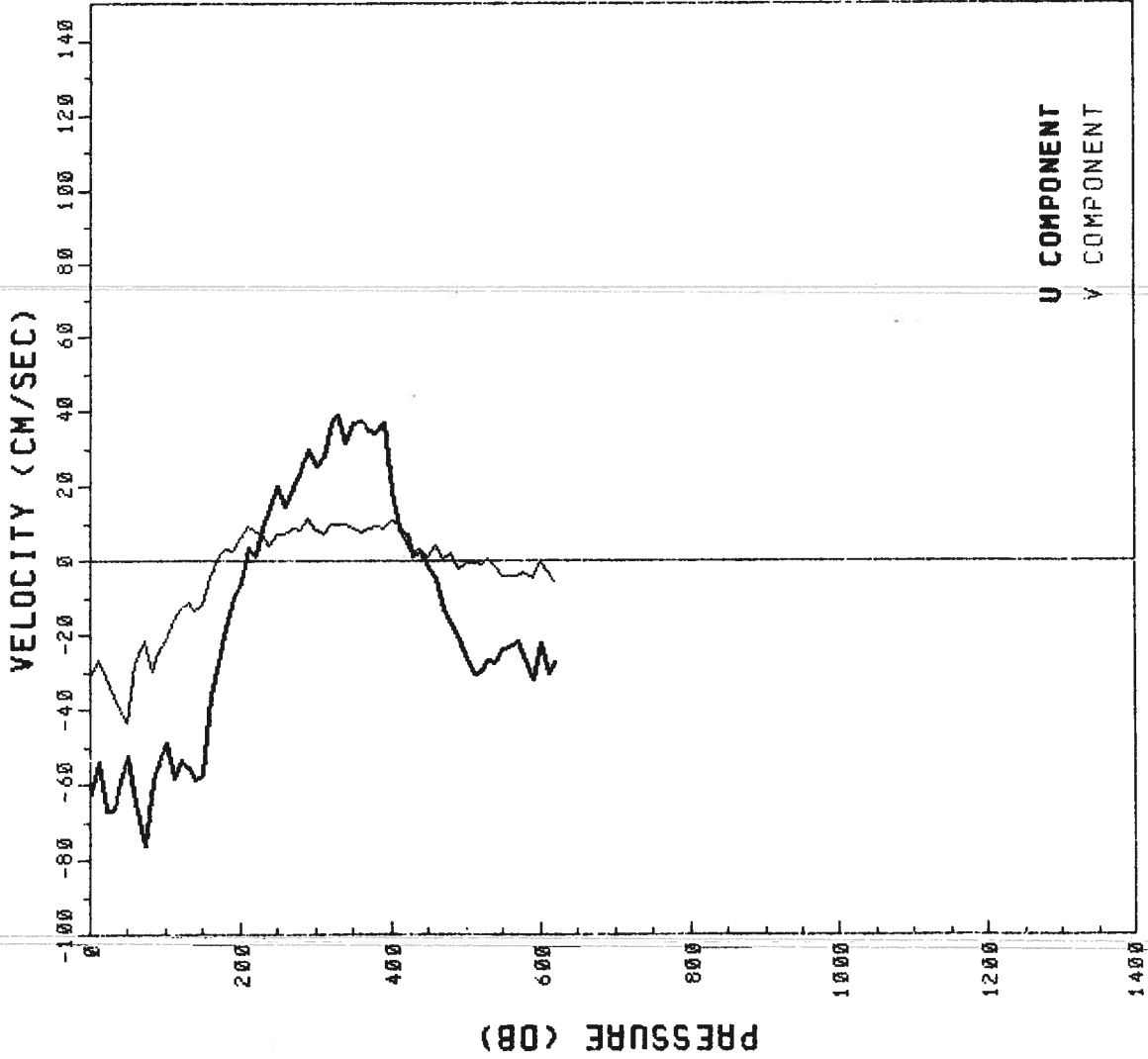
PRESSURE (DB)	U	V	T
0	-27.6	2.2	22.7
10	-50.2	10.7	22.7
20	-53.3	7.4	22.7
30	-51.2	5.2	22.7
40	-51.1	-1.6	22.1
50	-42.3	-2.4	22.3
60	-49.4	-6.5	21.3
70	-53.0	-15.1	20.5
80	-48.3	-21.4	19.9
90	-34.2	-10.7	18.0
100	-29.4	-15.6	16.8
110	-30.0	-11.1	16.4
120	-27.2	-10.5	15.9
130	-17.9	-11.4	15.5
140	-13.6	-12.0	15.3
150	-11.1	-11.7	14.9
160	-8.2	-9.5	14.8
170	-5.2	-10.5	14.7
180	-0.4	-8.2	14.5
190	2.1	-6.8	14.4
200	-3.6	4.4	14.3
220	5.7	-8.0	14.1
240	7.5	-9.2	13.8
260	2.7	0.3	13.5
280	5.3	0.0	13.2
300	8.9	-1.3	12.9
320	10.6	-5.0	12.6
340	8.1	-3.5	12.2
360	11.8	-3.5	11.9
380	15.9	-3.1	11.4
400	13.9	-5.6	10.9
450	14.8	-6.8	9.8
500	13.2	-6.3	8.6
550	4.0	-8.4	7.8
600	-1.5	-4.3	7.1



U COMPONENT
 V COMPONENT

EP5-82-RS PEGASUS 3
 R/V RESEARCHER DATE 11 22 82
 LATITUDE 10.111 S LONGITUDE 79.136 W

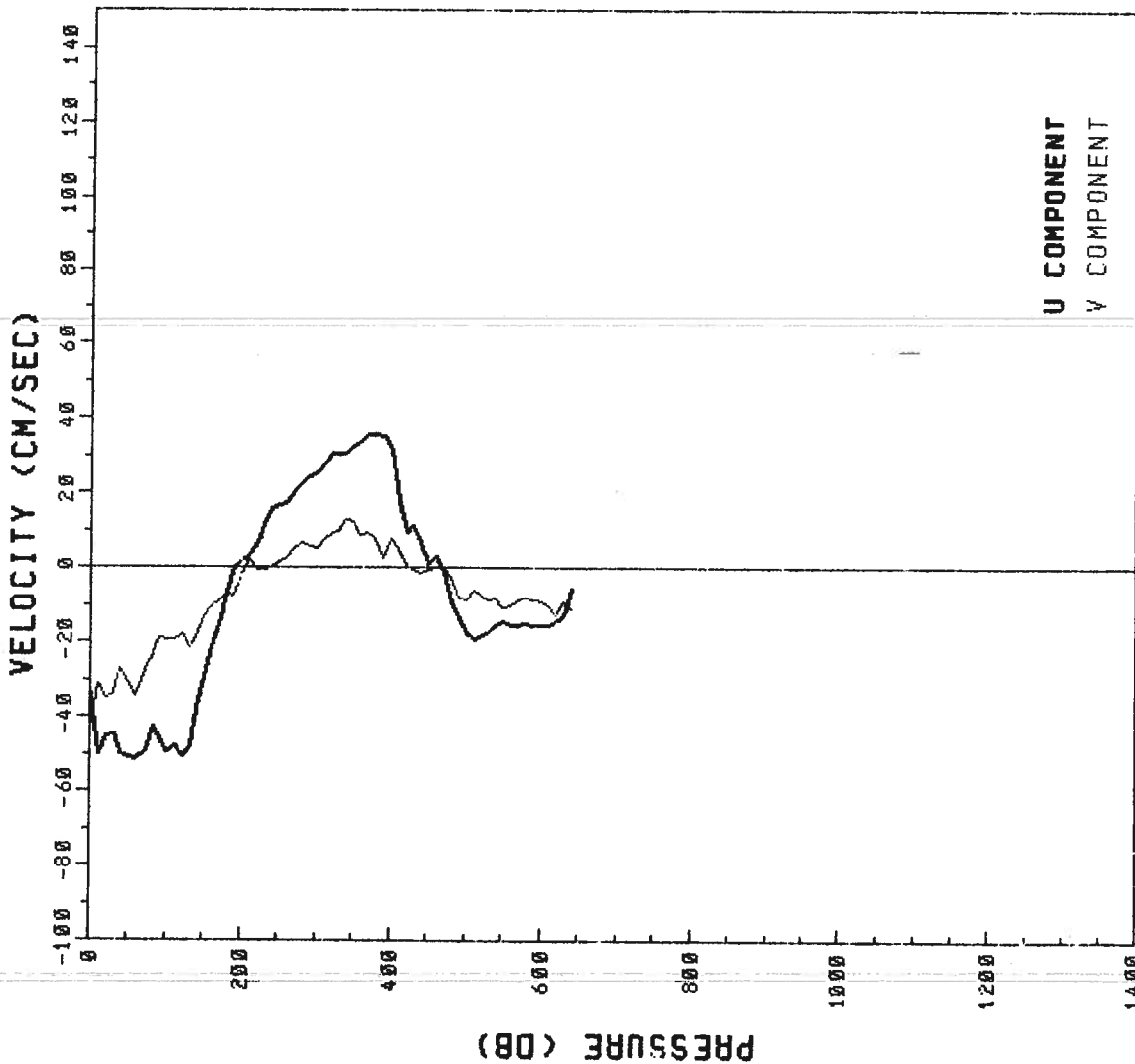
TIME 0343 Z



PRESSURE	U	V	T
0	-62.4	-31.0	22.9
10	-53.7	-26.4	22.9
20	-66.5	-31.3	22.9
30	-66.2	-36.0	22.3
40	-58.8	-39.6	21.6
50	-52.1	-43.3	21.0
60	-64.5	-27.0	20.8
70	-76.3	-21.5	20.6
80	-58.7	-29.5	20.3
90	-53.9	-24.4	20.1
100	-48.7	-21.2	19.5
110	-58.2	-15.0	18.5
120	-53.2	-12.6	17.3
130	-55.2	-11.3	17.1
140	-58.4	-12.9	17.0
150	-57.5	-11.8	16.8
160	-36.0	-4.1	16.5
170	-24.8	2.0	16.1
180	-18.0	3.7	15.6
190	-10.2	3.0	15.5
200	-5.1	6.6	15.2
220	1.6	8.0	14.8
240	14.7	4.7	14.4
260	4.9	7.4	14.0
280	24.8	8.4	13.6
300	25.5	8.5	13.4
320	37.1	10.1	12.9
340	31.9	10.1	12.5
360	37.6	8.0	12.1
380	34.9	9.3	11.7
400	18.6	10.9	10.8
450	-1.6	0.9	8.9
500	-26.4	-0.5	8.1
550	-23.4	-3.6	7.5
600	-21.9	-0.4	7.0

U COMPONENT
 V COMPONENT

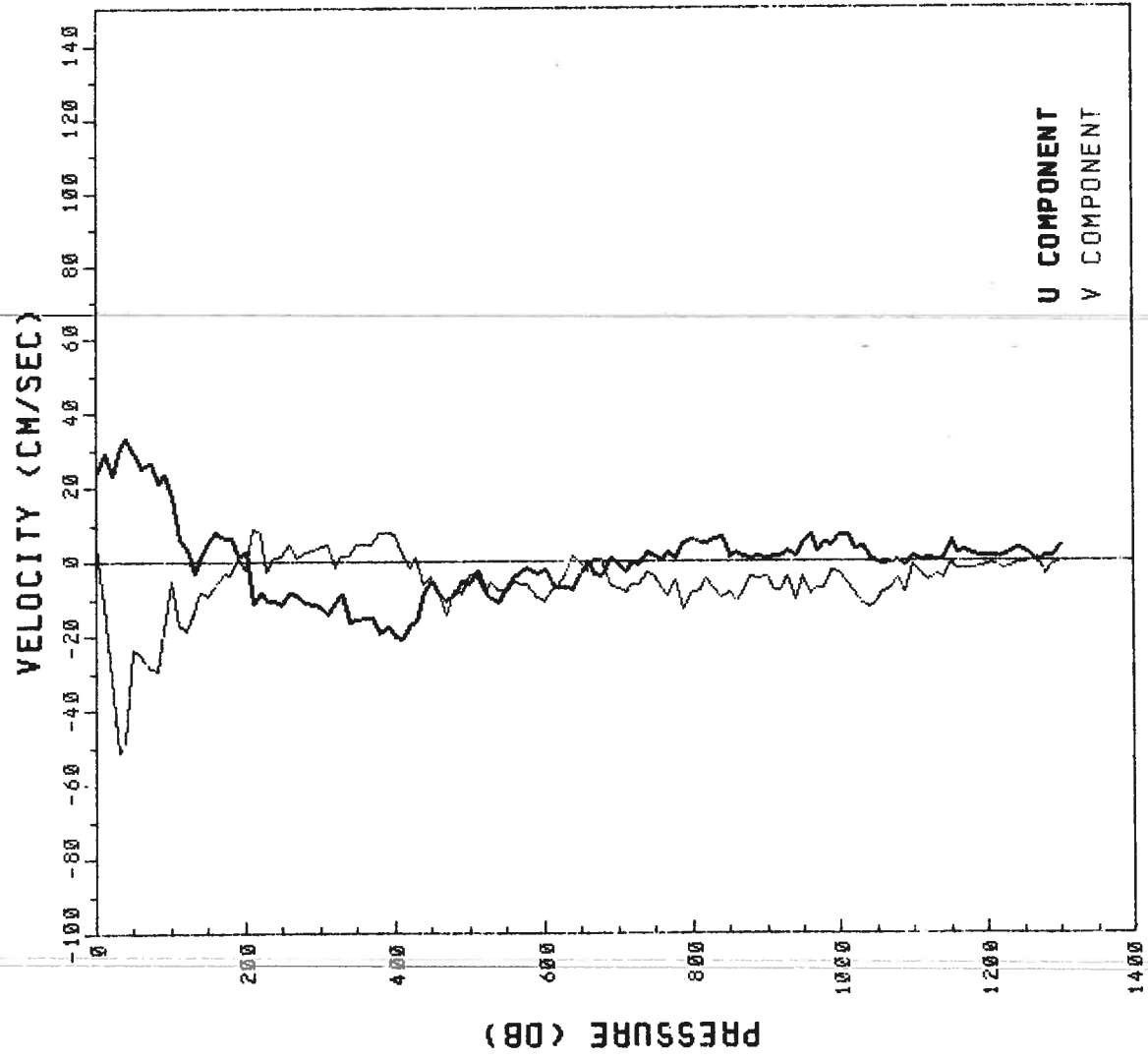
EP5-82-RS PEGASUS 4
 R/V RESEARCHER DATE 11 22 82 TIME 0643 Z
 LATITUDE 10.117 S LONGITUDE 79.138 W



PRESSURE	U	V	T
0	-33.6	-43.1	22.8
10	-50.0	-30.9	22.8
20	-44.8	-34.7	22.3
30	-44.2	-33.7	21.5
40	-49.8	-26.9	20.6
50	-50.5	-30.8	20.4
60	-51.2	-33.9	20.3
70	-49.2	-27.0	20.1
80	-42.5	-22.6	19.6
90	-45.4	-18.7	19.1
100	-49.5	-19.2	18.0
110	-47.6	-19.2	17.1
120	-50.5	-17.9	16.9
130	-48.4	-21.2	16.7
140	-37.9	-19.1	16.5
150	-29.4	-12.9	16.2
160	-21.2	-10.6	15.7
170	-13.4	-8.5	15.5
180	-6.2	-6.7	15.3
190	0.0	-7.4	15.1
200	2.6	-1.7	14.9
220	7.1	-0.3	14.6
240	16.3	0.1	14.2
260	17.9	3.2	13.9
280	23.0	6.8	13.5
300	26.2	5.5	13.2
320	30.9	9.5	12.8
340	31.3	13.4	12.4
360	34.4	9.0	12.0
380	36.5	8.0	11.6
400	32.4	7.9	11.0
450	1.1	-0.5	9.1
500	-17.0	-0.5	7.9
550	-14.2	-10.6	7.5
600	-15.2	-9.3	6.9

EPS-82-RS PEGASUS 5
 R/V RESEARCHER DATE 11 26 82
 LATITUDE 4.977 S LONGITUDE 83.518 W
 TIME 0942 Z

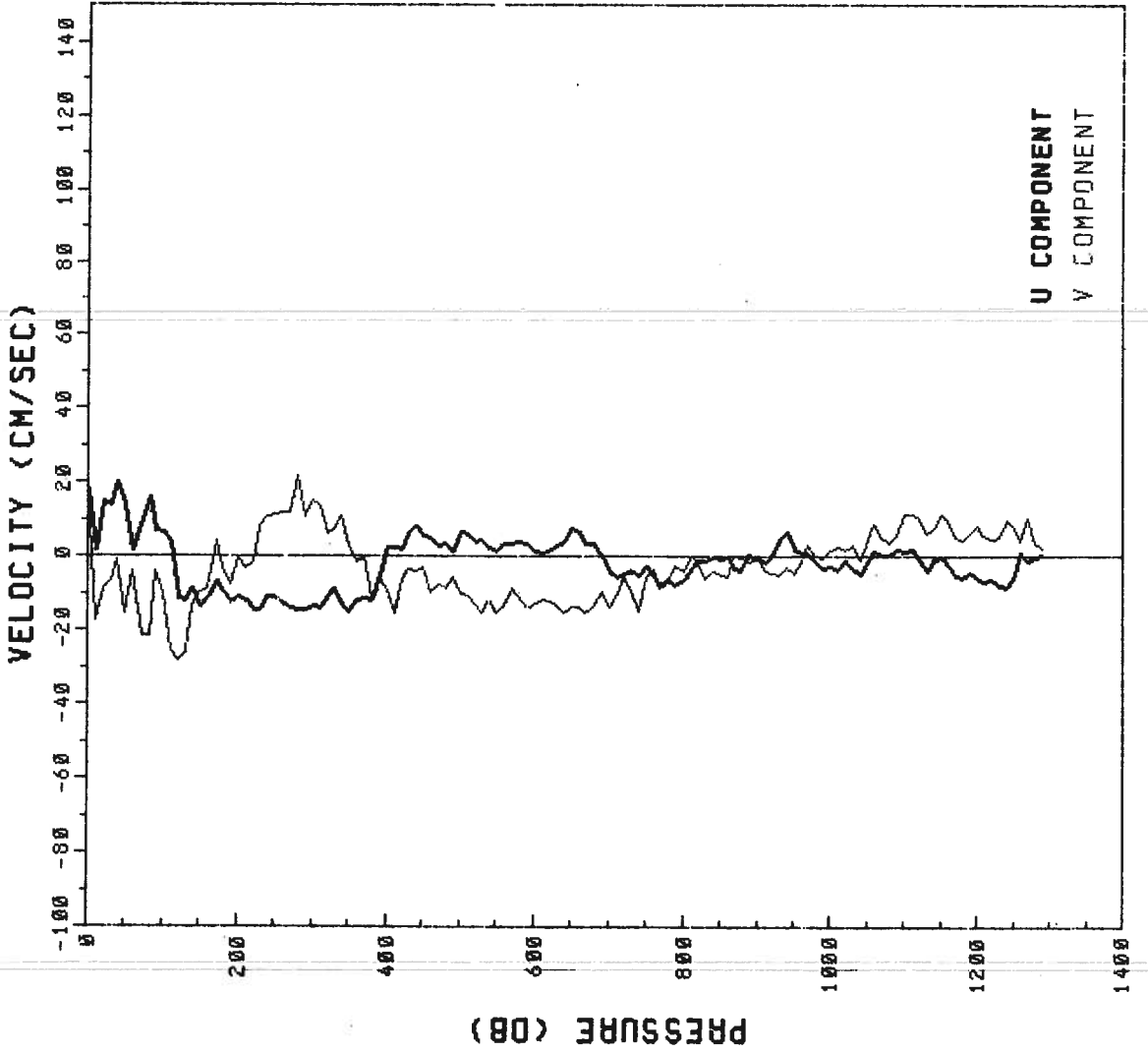
PRESSURE (DB)	U	V	T
0	24.5	5.4	26.1
10	29.6	-11.3	26.2
20	23.8	-31.1	26.2
30	31.5	-51.3	26.0
40	33.7	-48.8	25.8
50	29.4	-23.1	25.0
60	26.1	-24.6	24.7
70	26.9	-28.6	24.4
80	21.0	-29.0	23.6
90	24.2	-18.5	22.8
100	17.6	-4.5	22.1
110	6.4	-16.6	20.4
120	4.1	-16.3	19.0
130	-9.0	-18.1	17.5
140	-2.3	-7.7	16.7
150	5.4	-9.0	16.1
160	8.5	-6.2	15.7
170	6.9	-3.0	15.1
180	7.0	-3.4	14.7
190	1.5	1.2	14.4
200	3.6	-1.6	14.2
220	-8.1	-7.9	14.0
240	-10.1	1.3	13.7
260	-8.1	5.1	13.5
280	-10.4	3.3	13.3
300	-11.6	4.7	13.0
320	-10.8	-1.3	12.8
340	-15.5	2.2	12.5
360	-14.4	5.1	12.2
380	-18.8	8.2	11.9
400	-20.1	7.3	11.5
450	-4.7	-3.7	9.8
500	-5.4	-3.1	8.6
550	-6.5	-7.8	8.0
600	-1.7	-10.8	7.4
650	-2.9	-9.1	6.7
700	-0.2	-6.6	6.3
750	2.2	-3.5	5.9
800	6.6	-7.6	5.5
850	2.3	-8.0	5.2
900	1.0	-3.7	4.8
950	5.3	-3.6	4.6
1000	7.5	-2.8	4.4
1100	1.4	-0.6	4.0
1200	1.8	-0.6	3.6
1300	4.5	0.0	3.4



U COMPONENT
 V COMPONENT

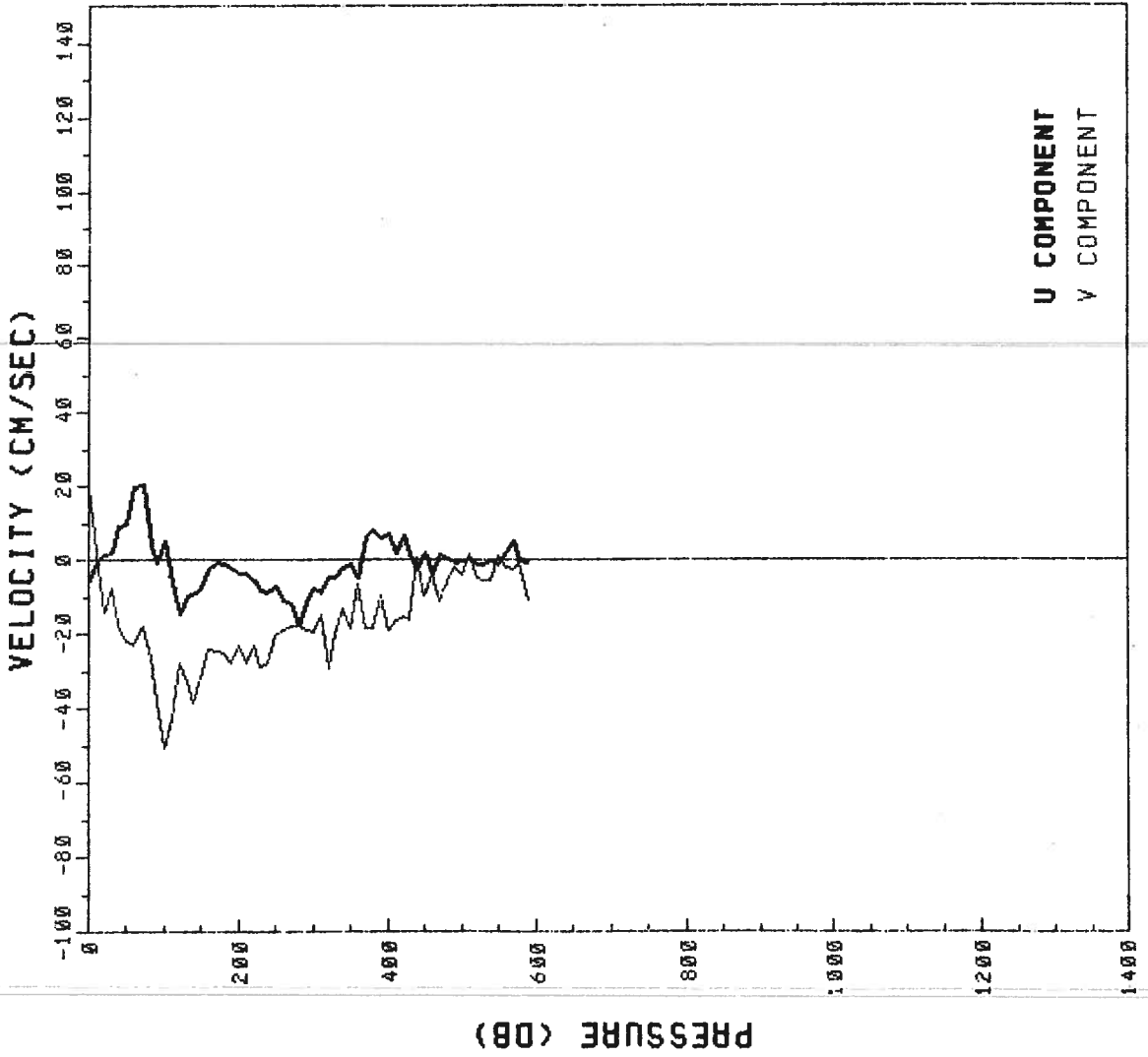
EPS-82-RS PEGASUS 6
 R/V RESEARCHER DATE 11 26 82 TIME 1849 Z
 LATITUDE 5.031 S LONGITUDE 82.548 W

PRESSURE (DB)	U	V	T
0	18.1	18.9	26.1
10	2.2	-17.1	25.9
20	15.2	-8.5	25.9
30	14.1	-6.3	25.8
40	20.2	-0.8	25.0
50	14.2	-15.2	24.4
60	1.9	-3.8	24.0
70	10.1	-21.1	23.9
80	16.5	-21.3	23.8
90	7.3	-3.8	23.2
100	6.8	-0.9	22.2
110	4.1	-25.1	20.8
120	-11.1	-28.1	19.5
130	-11.7	-25.9	18.2
140	-8.8	-13.6	17.2
150	-13.6	-9.4	16.7
160	-11.3	-8.6	16.3
170	-6.0	4.7	16.1
180	-9.6	-3.0	15.7
190	-12.2	-7.2	15.5
200	-10.8	-0.4	15.1
220	-14.1	-1.4	14.5
240	-10.5	10.8	14.1
260	-12.1	12.3	13.8
280	-14.0	22.0	13.5
300	-13.0	15.1	13.2
320	-10.6	6.4	12.7
340	-12.4	10.9	12.2
360	-11.5	-1.1	11.2
380	-11.7	-11.1	10.3
400	3.2	-9.0	9.7
450	6.2	-2.7	8.8
500	7.1	-10.1	8.2
550	2.1	-14.8	7.6
600	1.6	-12.6	7.2
650	7.8	-13.3	6.7
700	-3.6	-13.0	6.4
750	-2.4	-5.0	5.9
800	-5.6	-3.8	5.5
850	-0.3	-4.8	5.2
900	-0.2	-0.2	5.0
950	2.5	-4.2	4.8
1000	-2.1	2.0	4.6
1100	1.8	11.3	4.2
1200	-5.1	8.5	3.8



EPS-82-RS PEGASUS 7
 R/V RESEARCHER DATE 11 27 82 TIME 0446 Z
 LATITUDE 5.151 S LONGITUDE 81.718 W

VELOCITY (CM/SEC)	U	V	T
0	-5.0	20.4	24.6
10	-0.3	2.6	24.6
20	2.0	-14.0	24.6
30	2.6	-7.4	24.6
40	9.3	-16.8	24.6
50	9.8	-22.0	24.1
60	20.0	-22.7	23.8
70	20.5	-17.9	23.6
80	4.2	-25.5	23.0
90	-0.8	-37.9	22.4
100	5.4	-50.4	21.5
110	-5.9	-42.7	20.9
120	-14.4	-27.3	20.0
130	-9.5	-32.5	19.8
140	-9.3	-38.5	19.5
150	-7.0	-31.8	19.3
160	-2.5	-23.8	18.7
170	-0.5	-24.2	18.2
180	-0.9	-24.6	17.6
190	-1.8	-27.3	17.2
200	-3.1	-22.7	16.9
220	-5.0	-22.9	16.5
240	-8.4	-27.1	15.4
260	-10.8	-18.7	14.9
280	-17.4	-17.8	14.4
300	-7.1	-19.4	14.0
320	-4.3	-29.3	13.5
340	-1.8	-13.2	12.5
360	-4.7	-6.1	12.0
380	8.5	-18.2	11.2
400	7.3	-19.4	10.7
450	2.4	-10.1	9.2
500	0.3	-3.8	8.4
550	-0.8	1.1	7.9



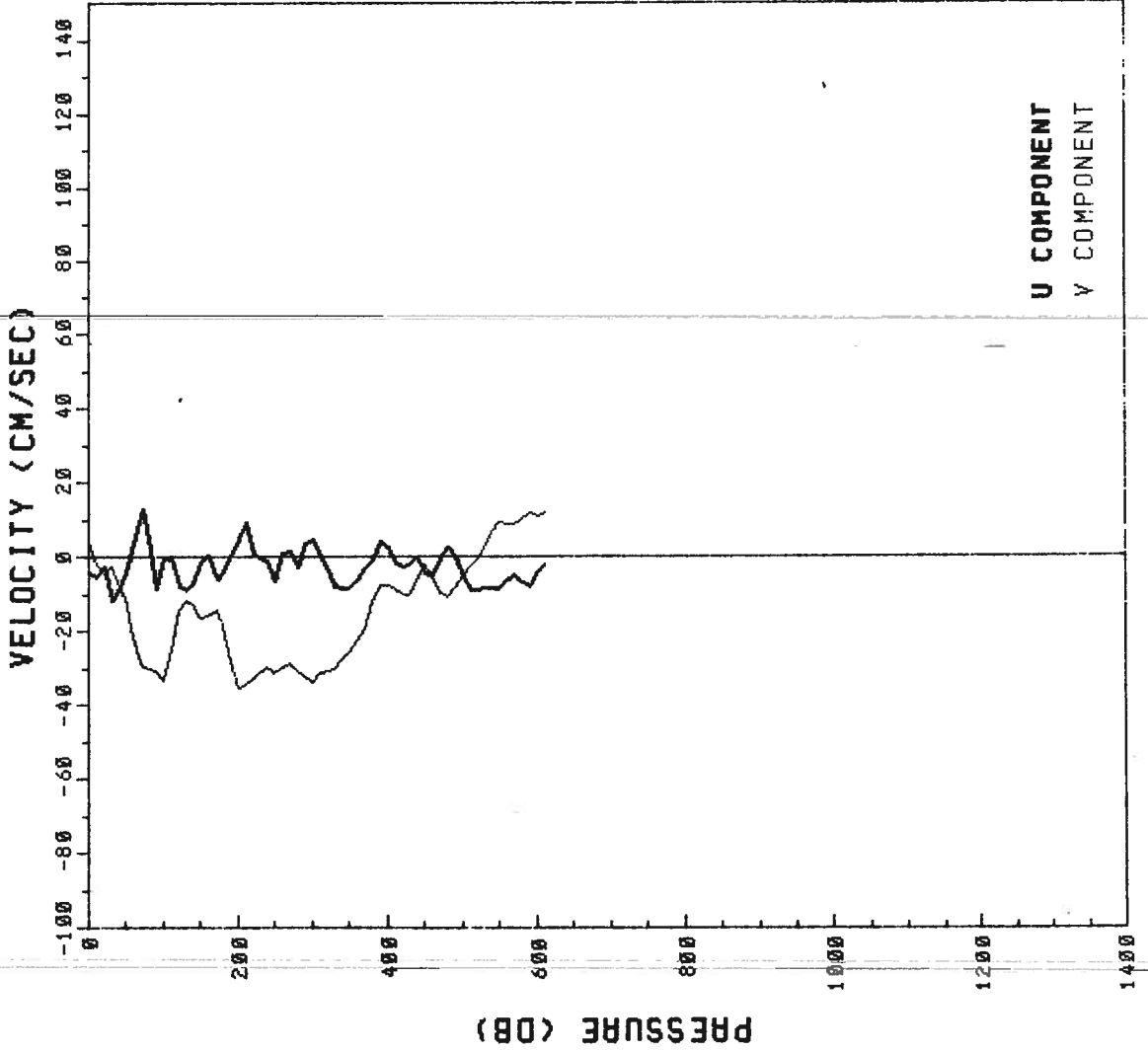
U COMPONENT
 V COMPONENT

EPS-82-RS PEGASUS 8

R/V RESEARCHER DATE 11 27 82

LATITUDE 5.111 S LONGITUDE 81.500 W

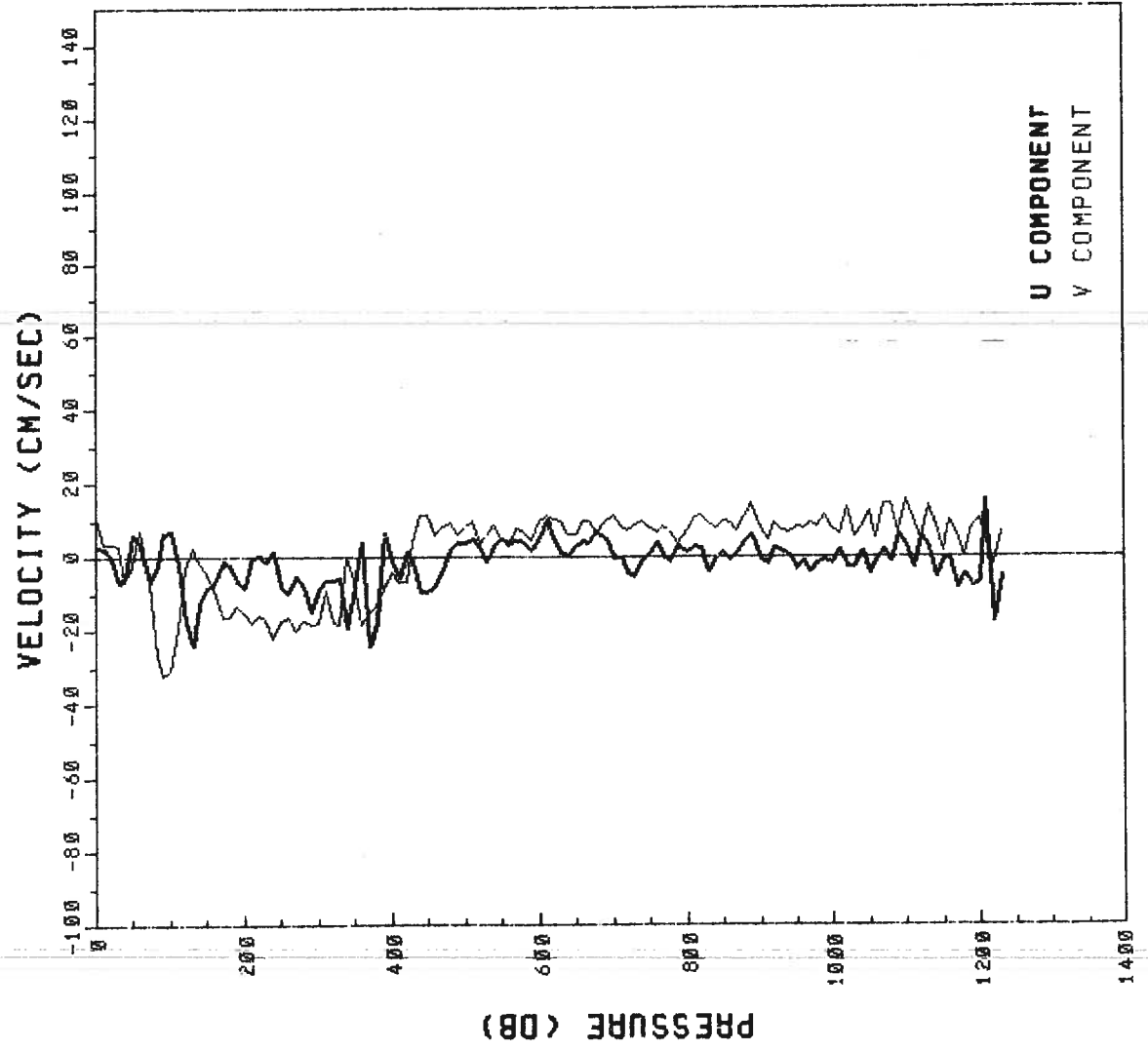
TIME 0755 Z



PRESSURE	U	V	T
0	-3.7	4.6	23.9
10	-4.5	-1.9	23.9
20	-2.3	-4.4	23.8
30	-11.4	-2.2	23.6
40	-9.1	-6.2	23.6
50	-3.5	-10.8	23.4
60	4.1	-21.1	22.7
70	13.5	-29.5	22.3
80	2.6	-30.0	21.9
90	-8.4	-30.5	21.3
100	0.1	-32.8	20.9
110	-0.3	-24.7	20.6
120	-7.4	-13.8	20.2
130	-8.6	-11.8	19.4
140	-6.8	-12.7	18.3
150	-1.2	-16.0	18.0
160	0.6	-15.5	17.7
170	-5.5	-13.8	17.5
180	-3.6	-18.5	17.3
190	0.1	-28.0	17.1
200	5.2	-34.9	16.8
220	1.0	-32.7	15.6
240	-0.8	-29.7	15.0
260	1.3	-29.4	14.4
280	-3.0	-30.7	13.8
300	5.2	-33.6	13.3
320	-3.3	-30.5	12.6
340	-8.0	-27.7	12.2
360	-5.9	-22.4	11.5
380	-0.9	-12.0	10.4
400	3.3	-7.0	10.1
450	-3.5	-1.7	9.7
500	-5.3	-4.7	8.8
550	-7.7	9.4	8.1
600	-3.5	10.8	7.5

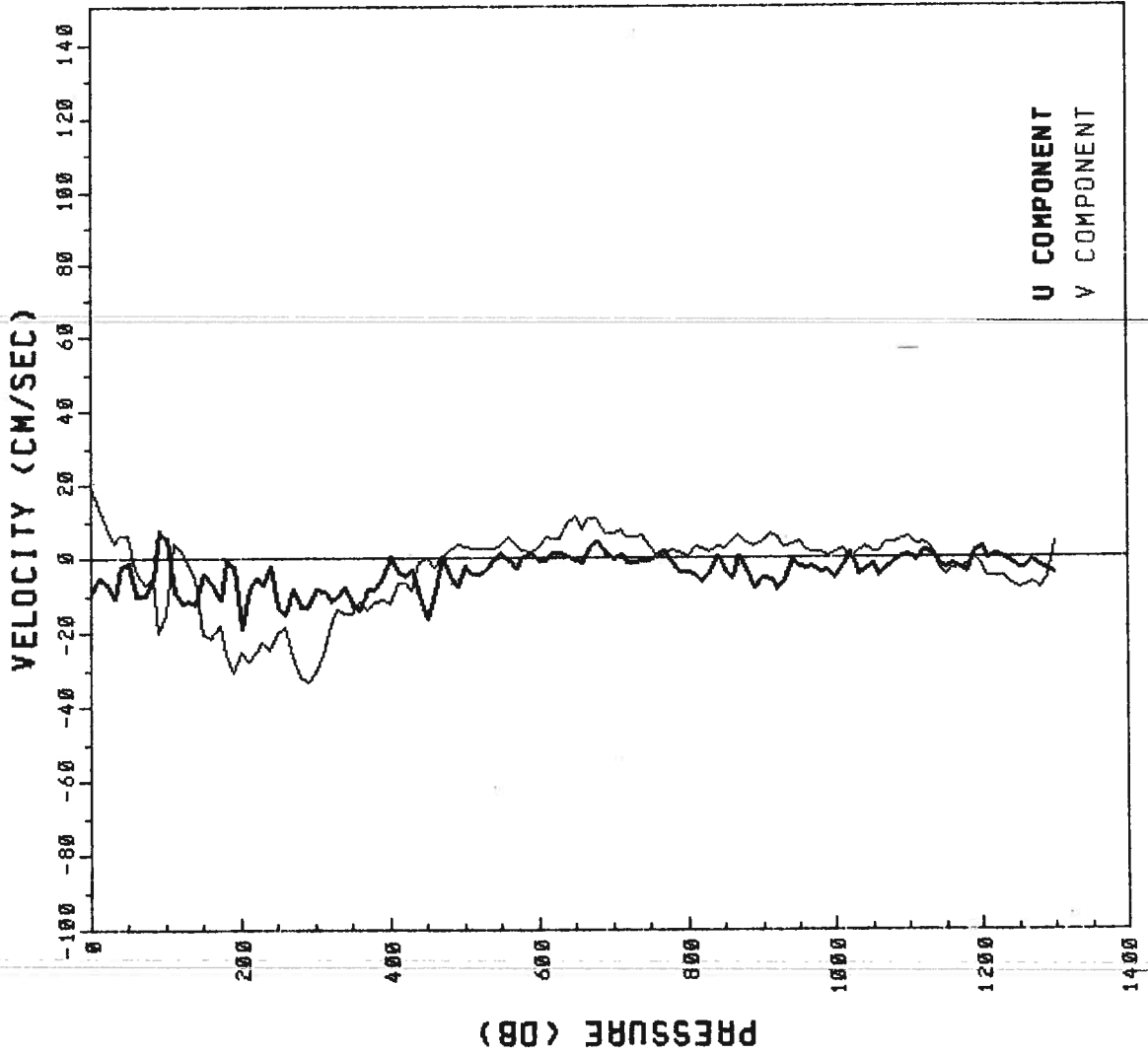
EP5-82-RS PEGASUS 9
 R/V RESEARCHER DATE 11 27 82
 LATITUDE 5.156 S LONGITUDE 81.720 W

TIME 2238 Z
 81.720 W



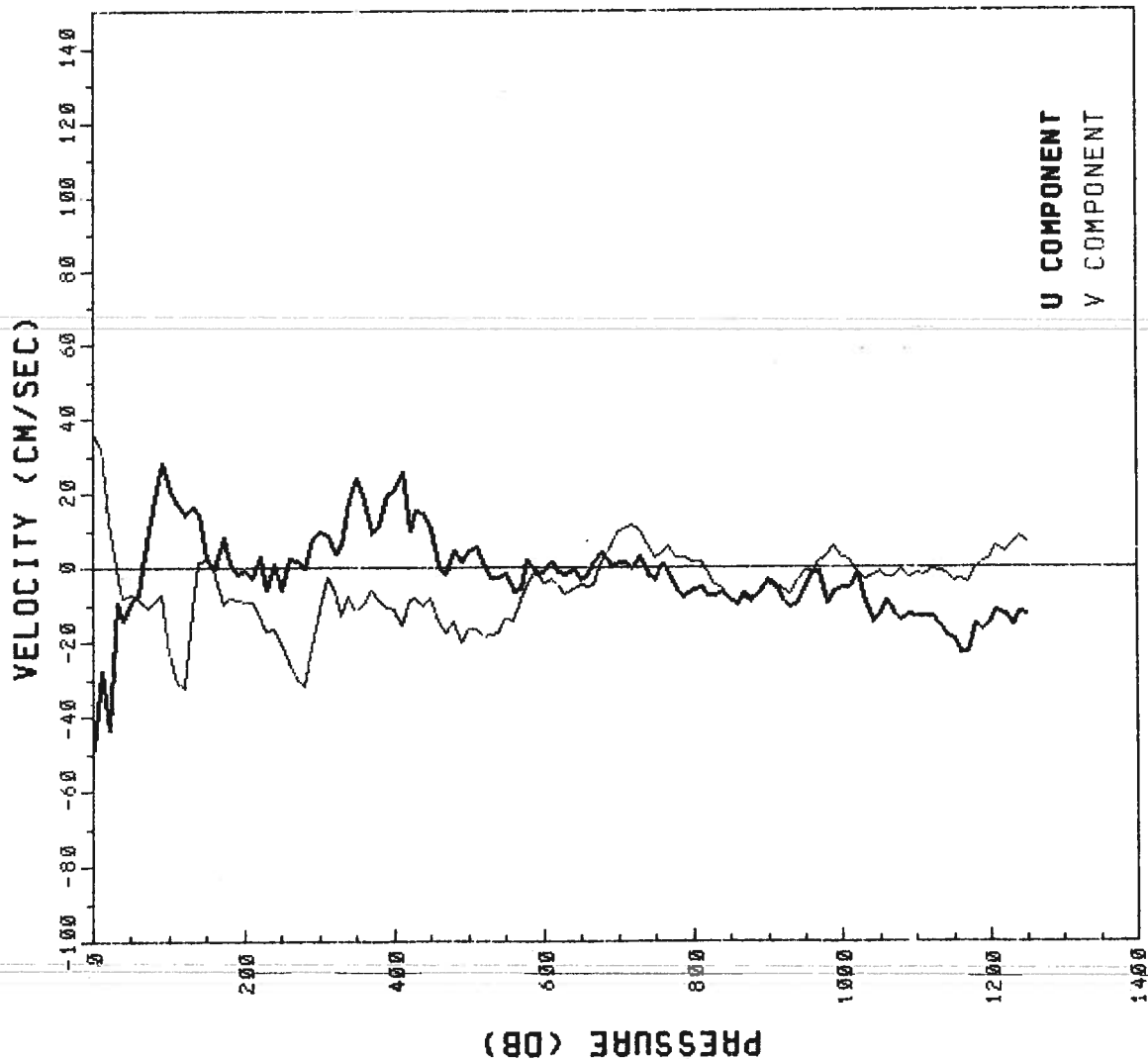
PRESSURE	U	V	T
0	3.5	11.0	24.8
10	3.3	3.9	24.7
20	-0.1	4.3	24.6
30	-6.5	3.4	24.3
40	-4.5	-6.1	23.9
50	6.5	-2.0	23.7
60	4.1	7.5	23.4
70	-6.3	-5.6	22.7
80	-2.0	-26.2	21.6
90	7.1	-32.0	21.0
100	7.6	-30.7	20.4
110	-1.7	-19.3	19.8
120	-16.7	-2.7	19.6
130	-23.8	3.0	19.5
140	-12.4	-1.5	19.1
150	-7.9	-3.5	18.3
160	-6.9	-8.8	17.7
170	0.6	-16.1	17.3
180	-2.0	-15.8	17.0
190	-5.7	-13.0	16.7
200	-7.7	-15.1	16.2
220	0.8	-15.4	15.5
240	1.7	-21.9	15.1
260	-9.4	-16.1	14.7
280	-8.1	-16.8	13.6
300	-8.4	-17.9	12.6
320	-5.6	-18.1	12.1
340	-19.3	0.2	11.7
360	4.8	-18.2	11.3
400	-18.1	-12.8	10.7
450	-1.0	-9.6	10.6
500	4.6	11.2	9.3
550	5.6	8.4	8.5
600	5.7	5.6	7.9
650	3.6	9.7	7.5
700	0.4	6.7	6.9
750	1.3	11.6	6.2
800	2.0	8.0	5.8
850	2.3	7.6	5.6
900	-0.5	9.7	5.3
950	-2.9	8.0	5.0
1000	-1.4	8.5	4.7
1100	3.8	8.2	4.5
1200	-6.1	15.7	4.2
		10.6	3.9

EP5-82-RS PEGASUS 10
 R/V RESEARCHER DATE 11 28 82 TIME 0844 Z
 LATITUDE 5.156 S LONGITUDE 81.719 W



PRESSURE	U	V	T
5	-8.5	19.8	24.6
10	-4.7	14.1	24.6
20	-6.2	8.9	24.5
30	-10.4	4.6	23.9
40	-2.0	6.5	23.7
50	-0.7	6.4	23.4
60	-9.6	-2.7	23.1
70	-9.7	-6.5	22.2
80	-5.2	-4.8	21.0
90	8.1	-19.8	20.3
100	6.2	-14.5	19.8
110	-8.9	4.8	19.6
120	-11.8	2.6	19.3
130	-11.2	-1.6	18.8
140	-12.1	-4.5	18.2
150	-3.9	-20.3	17.6
160	-6.3	-21.5	17.2
170	-11.2	-17.3	17.0
180	-0.5	-25.1	16.8
190	-1.9	-30.4	16.6
200	-19.0	-24.7	16.1
220	-4.9	-24.7	15.5
240	-1.9	-24.3	15.1
260	-14.7	-18.3	14.7
280	-12.5	-31.5	13.7
300	-7.5	-30.6	12.4
320	-11.1	-17.9	11.9
340	-7.3	-14.3	11.6
360	-13.3	-11.8	11.2
380	-8.2	-11.8	10.7
400	0.7	-12.2	10.6
450	-16.0	0.2	9.2
500	-2.0	3.4	8.4
550	1.9	4.3	7.8
600	-0.2	3.7	7.2
650	-0.3	11.6	6.7
700	0.4	6.9	6.3
750	-0.5	3.7	5.9
800	-3.3	0.6	5.6
850	-3.0	3.3	5.3
900	-4.9	4.9	5.0
950	-1.6	5.0	4.9
1000	-4.8	1.9	4.7
1100	1.0	6.1	4.2
1200	3.8	-1.9	3.8
1300	-3.9	-4.4	3.5

EP5-82-RS PEGASUS 13
 R/V RESEARCHER DATE 12 02 82
 LATITUDE 1.493 S LONGITUDE 84.993 W
 TIME 1048 Z

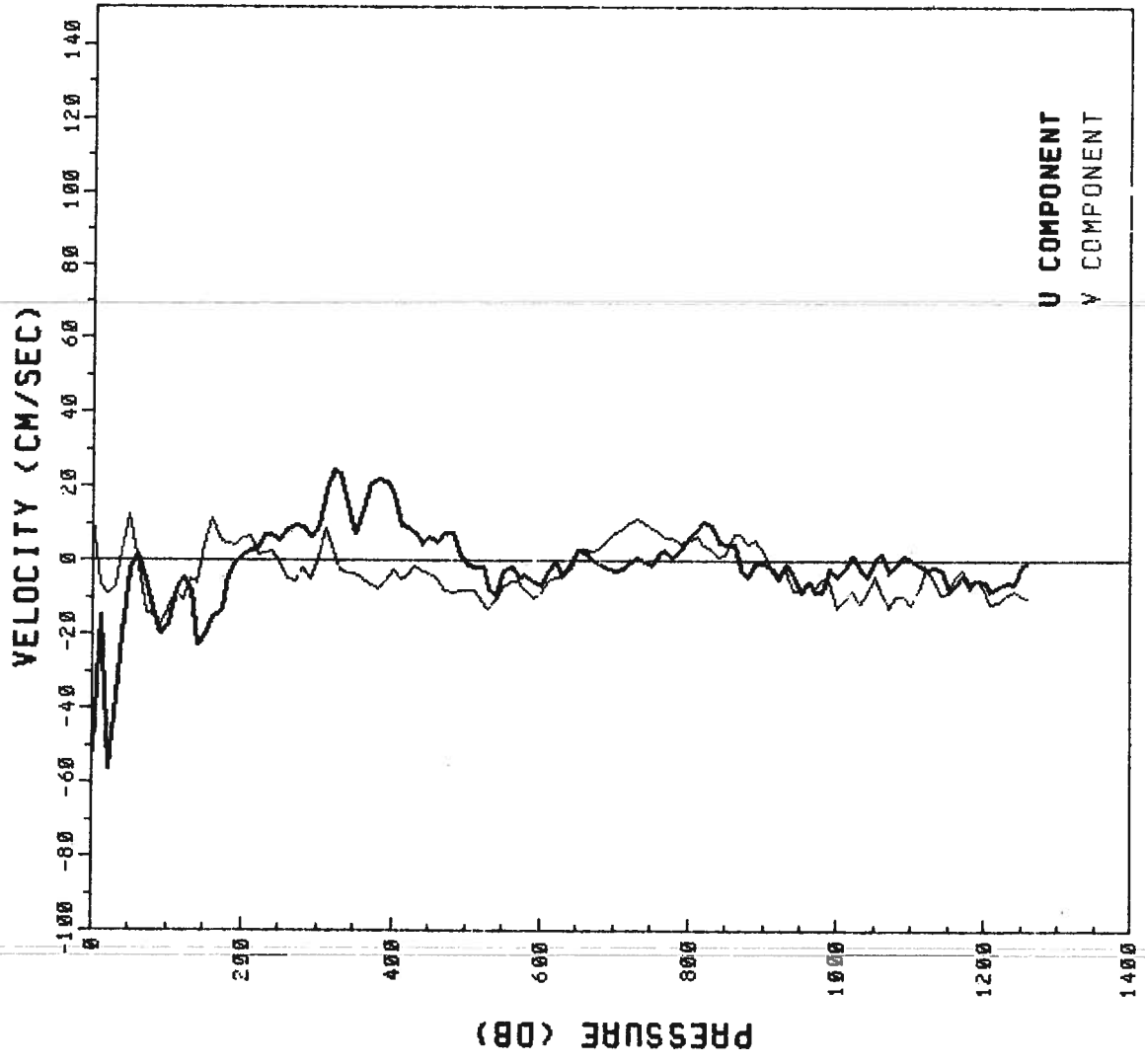


PRESSURE	U	V	T
0	-48.6	36.4	25.0
10	-27.2	32.9	25.8
20	-43.3	13.4	25.8
30	-9.2	0.3	25.4
40	-14.1	-7.7	24.9
50	-9.2	-6.8	24.7
60	-6.9	-8.0	24.6
70	10.5	-10.5	24.4
80	21.2	-8.8	23.4
90	28.5	-6.9	22.0
100	21.1	-33.0	21.2
110	17.1	-30.7	20.9
120	15.0	-31.9	20.1
130	17.0	-11.0	18.7
140	14.6	1.7	18.0
150	3.0	2.7	17.6
160	-0.1	-0.5	17.3
170	8.3	-9.7	16.8
180	1.2	-8.2	15.9
190	-1.2	-8.8	15.6
200	-0.3	-9.1	15.4
220	3.7	-12.3	15.3
240	1.3	-15.9	15.2
260	2.9	-24.7	14.9
280	-0.4	-31.4	14.1
300	10.1	-10.9	13.5
320	4.2	-5.8	13.2
340	18.2	-7.4	12.2
360	18.0	-9.5	11.5
380	12.0	-8.8	10.6
400	21.2	-11.3	9.7
450	10.2	-8.0	8.8
500	5.0	-15.9	8.2
550	-1.3	-13.6	8.0
600	-0.7	-3.9	7.2
650	-3.0	-4.4	6.9
700	1.8	9.9	6.4
750	-3.0	3.1	6.0
800	-5.3	1.6	5.5
850	-8.2	-0.6	5.3
900	-3.3	-2.6	5.2
950	-4.9	-1.0	5.0
1000	-4.6	3.1	4.7
1100	-12.6	-1.3	4.2
1200	-14.1	3.3	4.0

U COMPONENT
 V COMPONENT

EP5-82-RS PEGASUS 14
 R/V RESEARCHER DATE 12 02 82
 LATITUDE 0.680 S LONGITUDE 85.000 W
 TIME 1900 Z

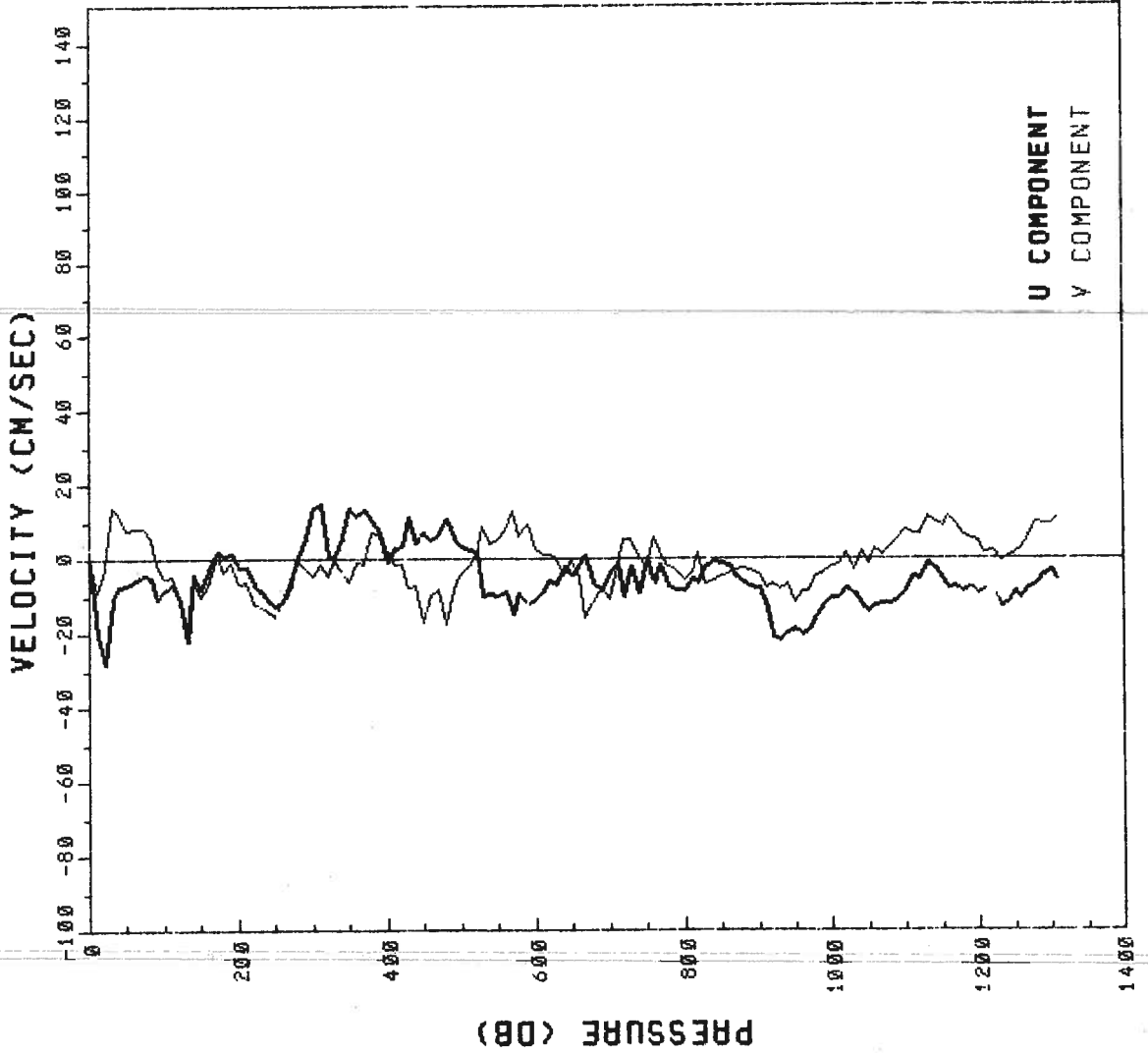
PRESSURE (DB)	U	V	T
0	-51.7	12.0	26.4
10	-14.6	-6.3	25.9
20	-56.2	-9.1	25.6
30	-36.4	-6.6	25.2
40	-20.1	2.8	24.7
50	-2.4	13.0	23.4
60	2.0	2.2	22.3
70	-6.0	-14.1	21.9
80	-14.3	-14.7	21.8
90	-20.1	-17.3	21.6
100	-17.1	-13.2	21.4
110	-7.3	-8.7	21.0
120	-4.3	-10.5	20.6
130	-7.7	-4.5	19.4
140	-22.9	-5.5	18.5
150	-20.2	4.6	17.5
160	-14.8	11.6	17.0
170	-13.0	5.7	16.1
180	-3.5	5.0	15.6
190	-0.2	4.6	15.3
200	1.5	6.7	15.1
220	4.3	1.9	14.7
240	7.5	3.0	14.6
260	8.8	-4.5	14.2
280	9.3	-1.6	14.0
300	9.2	1.1	13.2
320	24.9	3.2	12.7
340	15.5	-3.3	12.2
360	14.1	-4.7	11.0
380	22.4	-7.4	10.0
400	18.1	-2.3	9.4
450	7.2	-3.4	8.8
500	-0.8	-7.6	8.3
550	-2.2	-6.7	7.5
600	-6.3	-8.5	6.9
650	3.4	3.0	6.7
700	-2.1	7.9	6.1
750	-0.9	9.1	6.0
800	7.2	5.9	5.7
850	5.0	2.4	5.4
900	-0.3	2.8	5.1
950	-8.7	-8.1	4.9
1000	-3.9	-12.6	4.5
1100	0.5	-12.0	4.2
1200	-5.0	-7.2	3.8



U COMPONENT
 V COMPONENT

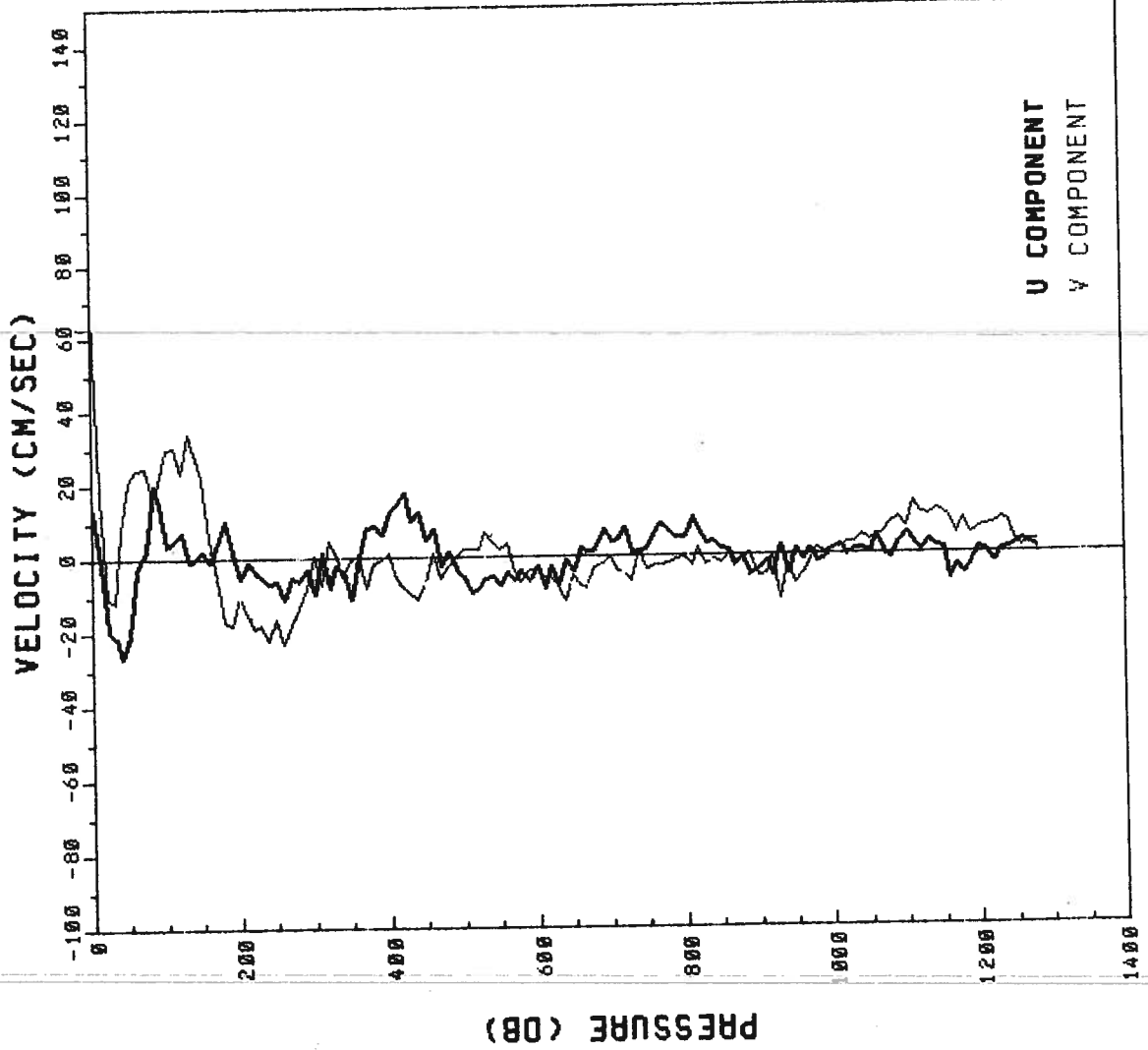
EP5-82-RS PEGASUS 15
 R/V RESEARCHER DATE 12 03 82 TIME 0231 Z
 LATITUDE 0.013 S LONGITUDE 85.037 W

0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	700	750	800	850	900	950	1000	1100	1200	1300
0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	700	750	800	850	900	950	1000	1100	1200	1300
0.7	-0.5	-20.2	-10.7	-6.8	-6.3	-5.2	-3.7	-4.3	-10.6	-7.8	-6.1	-11.1	-21.8	-3.5	-7.8	-3.0	2.8	1.1	1.4	-1.6	-6.4	-10.6	-11.3	0.7	14.2	0.7	5.9	12.5	10.6	-0.7	7.3	4.1	-9.8	-10.8	-4.0	-3.3	0.3	-8.1	-0.8	-7.4	-18.4	-10.1	-8.4	-9.2
0.4	-8.5	-2.1	14.3	8.2	8.7	8.4	5.8	-1.3	-4.9	-4.1	-10.1	-18.9	-5.0	-10.3	-7.8	-6.5	1.5	-3.4	-0.7	-6.3	-11.6	-13.7	-11.2	-0.4	-4.0	-4.4	-2.9	-0.7	7.5	-2.7	-16.4	-3.9	5.6	3.3	-0.2	-10.5	-1.9	-5.3	-4.3	-3.7	-11.5	-1.7	8.0	5.2
27.1	27.1	26.6	25.3	24.8	24.3	23.0	22.4	21.9	21.7	21.5	21.3	20.3	19.5	18.7	17.8	17.3	16.9	16.0	15.8	15.3	15.1	14.6	13.8	13.5	12.6	10.8	10.2	9.8	9.3	8.6	8.4	7.9	7.1	6.7	6.5	6.0	5.6	5.3	5.1	4.8	4.5	4.0	3.8	3.5



EP5-82-RS PEGASUS 16
 R/V RESEARCHER DATE 12 03 82
 LATITUDE 0.667 N LONGITUDE 85.000 W
 TIME 1742 Z

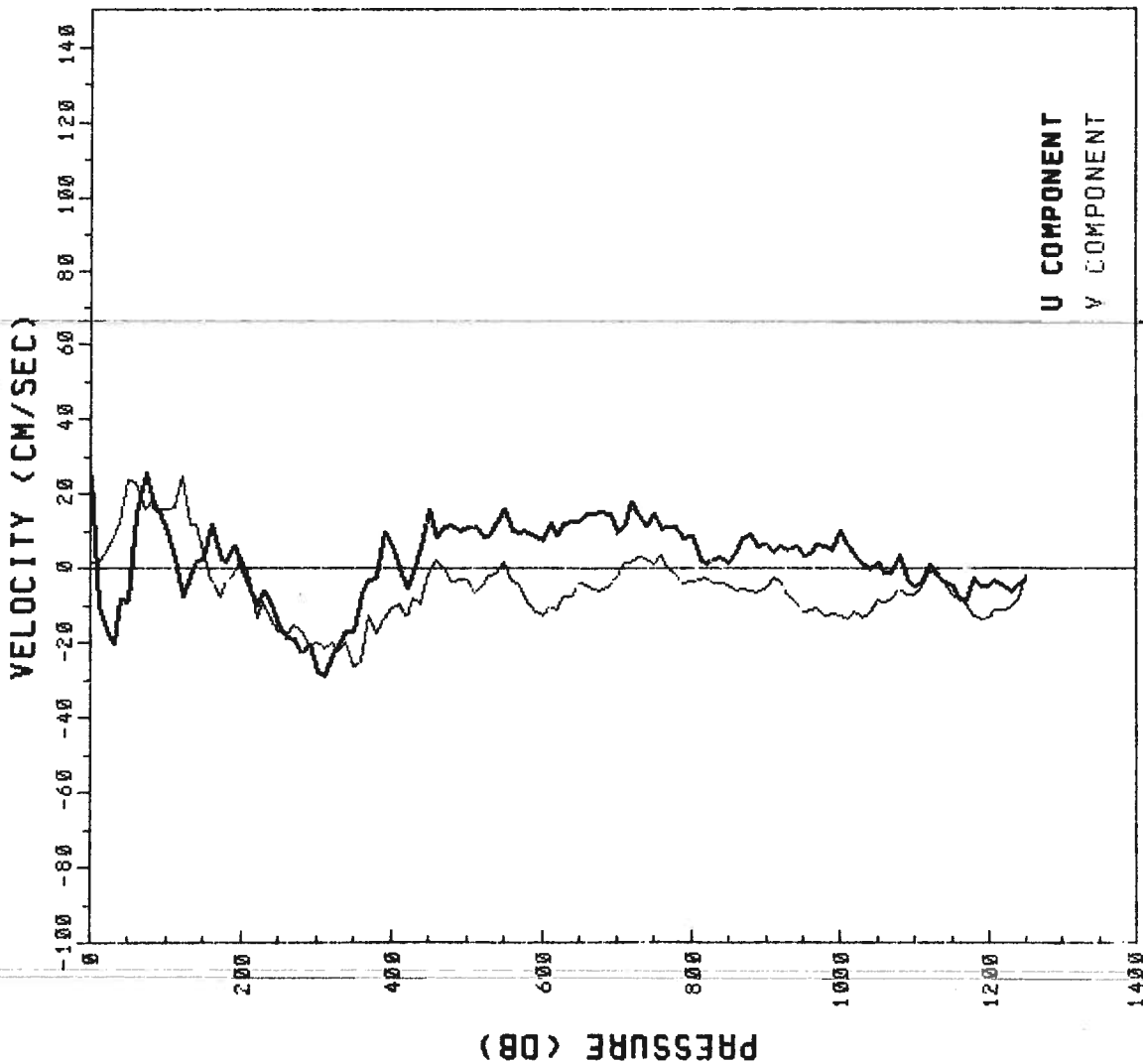
PRESSURE (DB)	U	V	T
0	13.6	68.9	27.3
10	-0.8	18.1	27.1
20	-18.7	-10.8	26.5
30	-20.7	-11.8	25.9
40	-26.3	8.0	25.4
50	-20.4	21.7	24.9
60	-2.9	24.4	24.4
70	3.1	24.9	23.8
80	20.1	17.0	23.1
90	15.3	20.7	22.5
100	4.1	30.0	21.8
110	5.4	30.5	21.5
120	7.4	23.5	19.4
130	-0.8	34.1	18.4
140	0.2	28.8	17.8
150	2.7	22.6	17.2
160	-0.7	5.9	16.2
170	6.2	-8.1	15.9
180	10.5	-16.5	15.8
190	1.5	-18.5	15.7
200	-5.2	-10.2	15.6
220	-3.1	-18.8	15.4
240	-6.3	-22.0	15.0
260	-10.9	-23.7	14.8
280	-5.7	-15.2	14.5
300	-9.5	0.6	13.4
320	-8.0	5.0	13.2
340	-3.1	-4.9	12.6
360	0.7	0.8	10.8
380	9.1	-1.4	10.2
400	13.9	1.3	9.7
450	5.1	-6.5	8.8
500	-4.9	2.7	7.9
550	-7.1	2.6	7.6
600	-2.2	-2.7	7.1
650	-3.5	-4.5	6.5
700	4.6	0.1	6.2
750	2.5	-3.1	5.8
800	5.3	0.1	5.6
850	2.7	-2.0	5.2
900	-3.4	-5.1	4.9
950	1.8	-7.3	4.8
1000	1.5	2.1	4.4
1100	6.2	7.4	3.9
1200	1.8	7.0	3.6



U COMPONENT
 V COMPONENT

EPS-82-RS PEGASUS 17
 R/V RESEARCHER DATE 12 04 82
 LATITUDE 1.501 N LONGITUDE 85.000 W

TIME 0135 Z

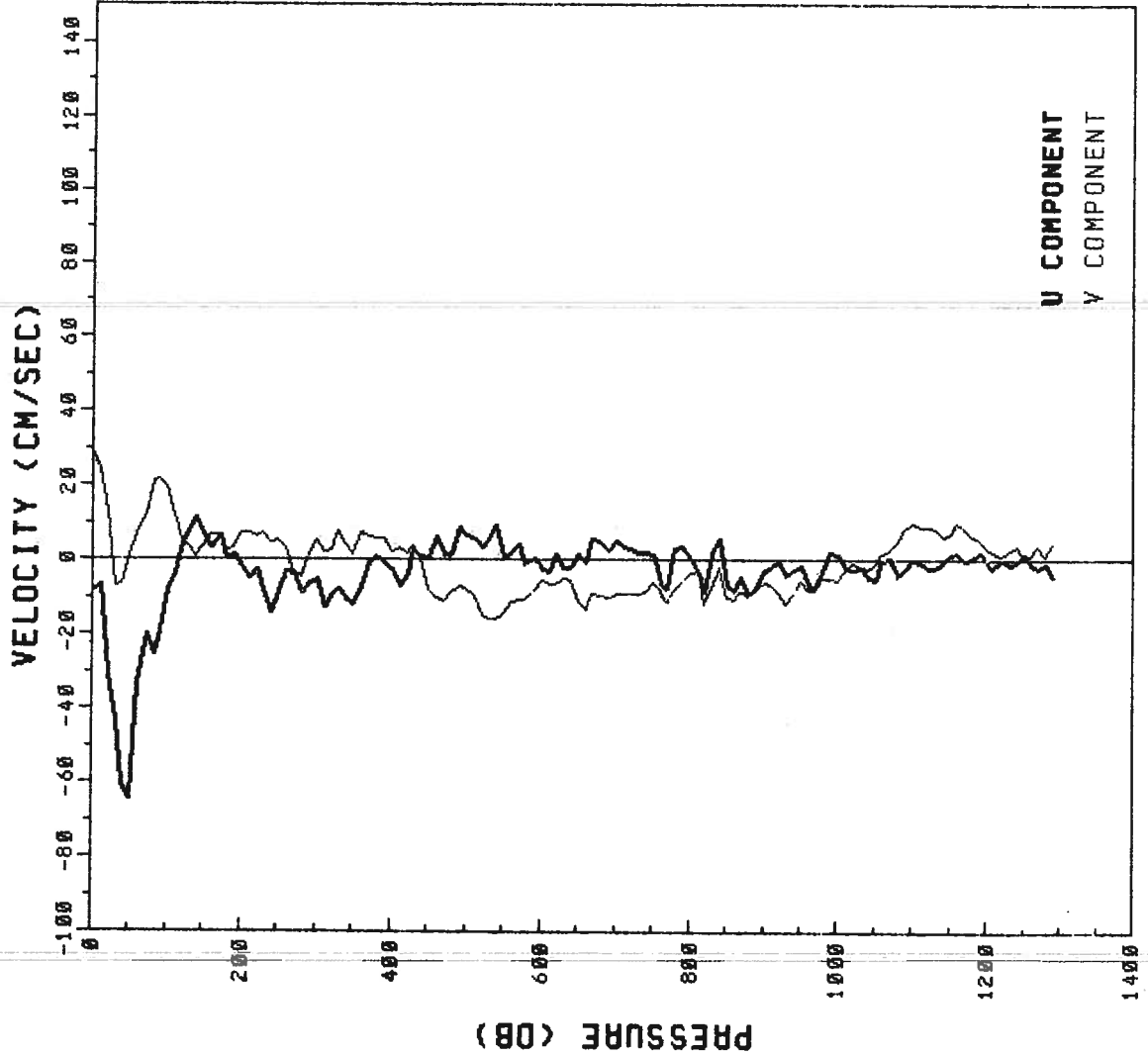


PRESSURE	U	V	T
0	25.3	1.6	27.6
10	-10.0	2.2	27.6
20	-16.1	4.5	27.5
30	-20.3	8.7	25.9
40	-8.0	12.9	25.6
50	-8.7	24.2	24.6
60	14.6	23.6	24.1
70	26.2	16.1	23.6
80	17.1	18.9	22.8
90	15.7	16.5	22.2
100	10.1	16.4	21.5
110	2.9	16.6	21.5
120	-7.2	25.0	21.1
130	-1.6	12.3	20.2
140	2.6	12.3	18.3
150	3.1	5.2	17.6
160	12.5	-3.0	17.2
170	3.3	-7.1	17.1
180	2.7	-2.6	17.0
190	6.5	-1.2	16.7
200	-0.1	3.0	16.4
220	-10.1	-13.1	14.8
240	-9.5	-13.4	14.5
260	-18.5	-17.2	14.1
280	-22.9	-16.5	13.6
300	-27.0	-19.8	13.3
320	-22.7	-19.8	12.8
340	-16.5	-19.7	12.4
360	-6.8	-24.6	11.8
380	-2.3	-16.7	10.6
400	6.7	-10.4	9.7
450	16.4	-1.3	8.4
500	12.1	-2.8	7.9
550	16.1	-1.5	7.4
600	8.2	-12.4	6.8
650	13.4	-3.5	6.4
700	10.0	-1.9	6.0
750	15.3	1.2	5.7
800	9.1	-3.2	5.5
850	2.3	-4.4	5.3
900	6.9	-4.6	5.0
950	4.3	-11.5	4.9
1000	10.2	-12.6	4.6
1100	-4.1	-6.8	4.1
1200	-4.2	-13.2	3.7

U COMPONENT
 V COMPONENT

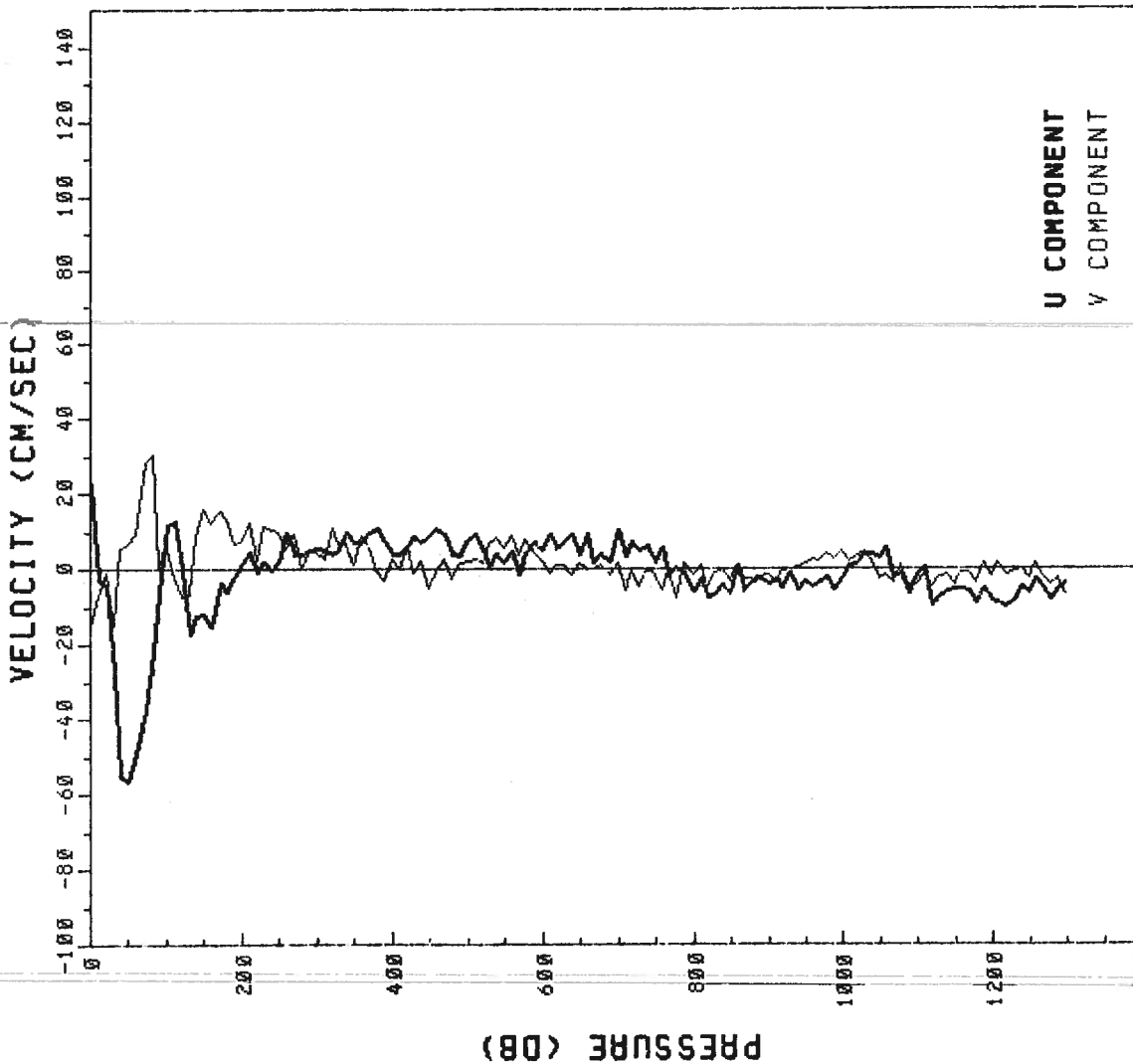
EP5-82-RS PEGASUS 19
 R/V RESEARCHER DATE 12 04 82
 LATITUDE 3.397 N LONGITUDE 84.978 W
 TIME 2319 Z

PRESSURE	U	V	T
0	-7.8	29.4	27.8
10	-6.1	24.4	27.7
20	-30.5	13.5	27.6
30	-43.3	-6.8	27.0
40	-60.5	-6.2	26.2
50	-64.4	0.9	25.7
60	-33.0	6.9	24.9
70	-19.7	12.4	23.5
80	-25.1	21.2	22.1
90	-18.8	22.0	20.9
100	-8.3	19.6	20.4
110	-3.5	12.5	18.7
120	5.2	5.6	17.2
130	8.3	9.6	16.3
140	11.3	4.3	15.5
150	7.5	7.1	15.4
160	3.4	7.2	15.3
170	7.0	3.1	15.0
180	0.6	3.8	14.7
190	1.4	7.5	14.5
200	-1.6	6.6	14.0
220	-2.5	5.0	13.8
240	-14.2	3.6	13.5
260	-2.6	-4.4	13.3
280	-9.2	5.3	12.9
300	-4.5	3.0	12.6
320	-8.9	4.4	12.3
340	-9.9	7.7	11.6
360	-6.6	6.2	10.5
380	1.3	2.8	9.8
400	-2.3	-7.9	8.8
450	0.7	-7.8	7.9
500	7.1	-14.0	7.4
550	0.7	-5.3	6.9
600	-2.5	-11.1	6.4
650	1.4	-9.1	6.0
700	5.7	-5.8	5.6
750	1.6	-3.4	5.4
800	0.3	-10.1	5.2
850	-6.3	-5.5	5.0
900	-2.3	-5.1	4.8
950	-1.1	-5.2	4.6
1000	1.9	9.8	4.4
1100	0.4	3.6	4.2
1200	-0.1		3.8



U COMPONENT
 V COMPONENT

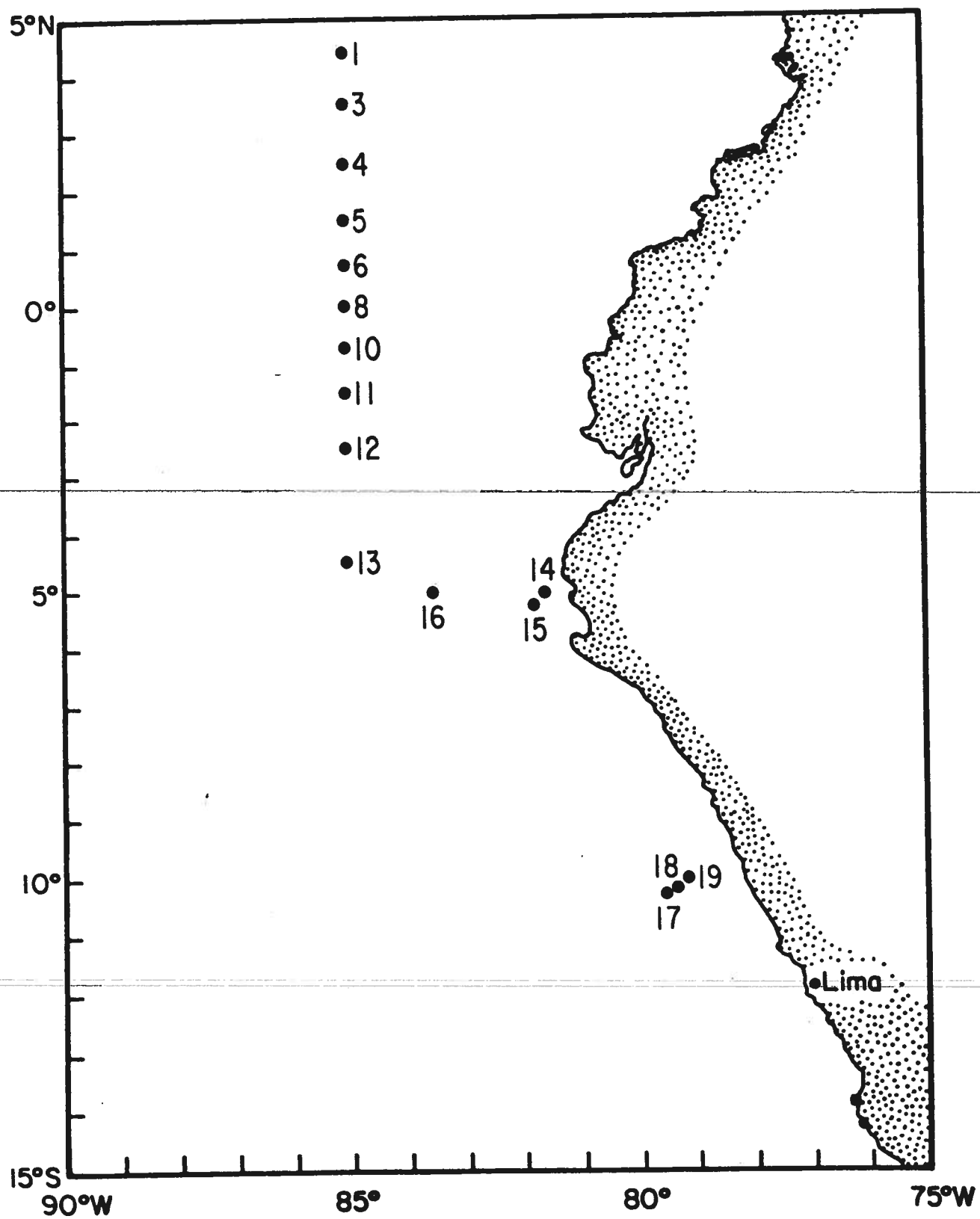
EP5-82-RS PEGASUS 20
 R/V RESEARCHER DATE 12 05 82
 LATITUDE 4.410 N LONGITUDE 85.000 W
 TIME 0152 Z



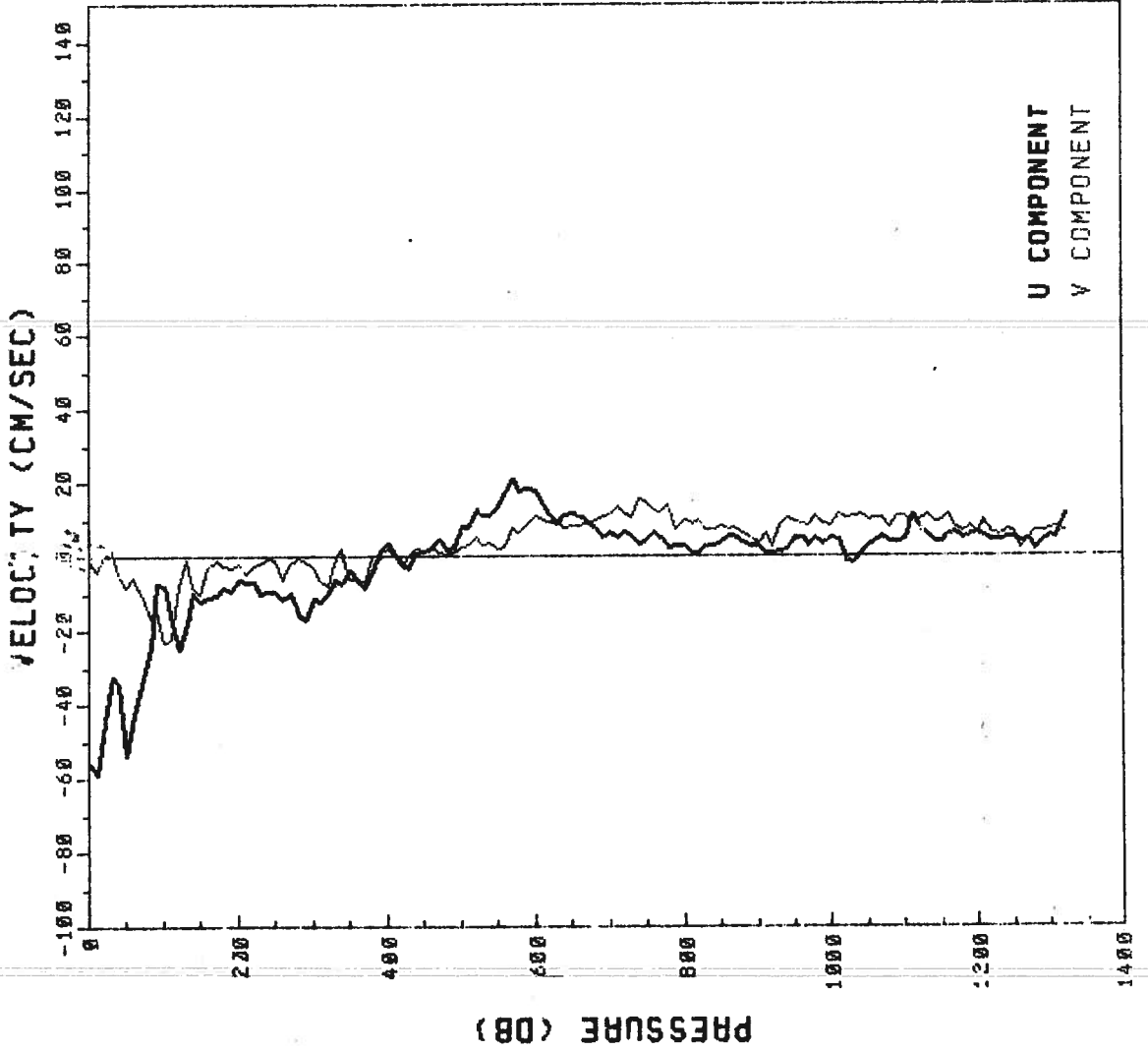
PRESSURE	U	V	T
0	23.2	-15.2	28.2
10	-2.1	-6.5	28.2
20	-3.5	-1.0	28.2
30	-26.9	-14.5	28.2
40	-54.6	6.1	27.8
50	-56.2	7.2	27.6
60	-49.0	9.3	27.4
70	-37.1	28.7	26.8
80	-21.9	30.6	25.1
90	-5.9	0.7	23.7
100	12.4	5.4	20.4
110	13.5	-1.8	19.1
120	0.3	-6.5	18.5
130	-17.1	-6.0	18.0
140	-12.0	8.8	16.8
150	-11.6	16.2	15.9
160	-14.9	12.8	15.7
170	-3.4	15.6	15.2
180	-5.5	13.7	14.9
190	-1.8	6.9	14.7
200	1.5	8.2	14.5
220	-0.8	3.3	14.2
240	-0.1	10.3	14.0
260	9.8	5.9	13.7
280	4.4	0.3	13.3
300	5.8	4.6	12.9
320	4.8	10.7	12.6
340	10.1	6.8	12.2
360	7.6	8.8	11.7
380	11.0	-0.4	11.4
400	4.5	3.1	10.9
450	9.1	-4.5	8.9
500	7.8	2.4	8.0
550	2.8	6.2	7.4
600	5.6	2.8	6.9
650	4.3	1.6	6.4
700	10.5	2.3	6.0
750	2.2	-1.5	5.8
800	-5.7	-1.1	5.5
850	-5.9	-2.6	5.2
900	-3.1	-1.4	5.0
950	-2.8	2.0	4.8
1000	-2.1	5.1	4.6
1100	-1.3	-3.8	4.2
1200	-8.1	-1.9	3.8
1300	-3.4	-6.0	3.6

APPENDIX G: EP1-83-RS

PEGASUS STATIONS EP 1 - 83 - RS



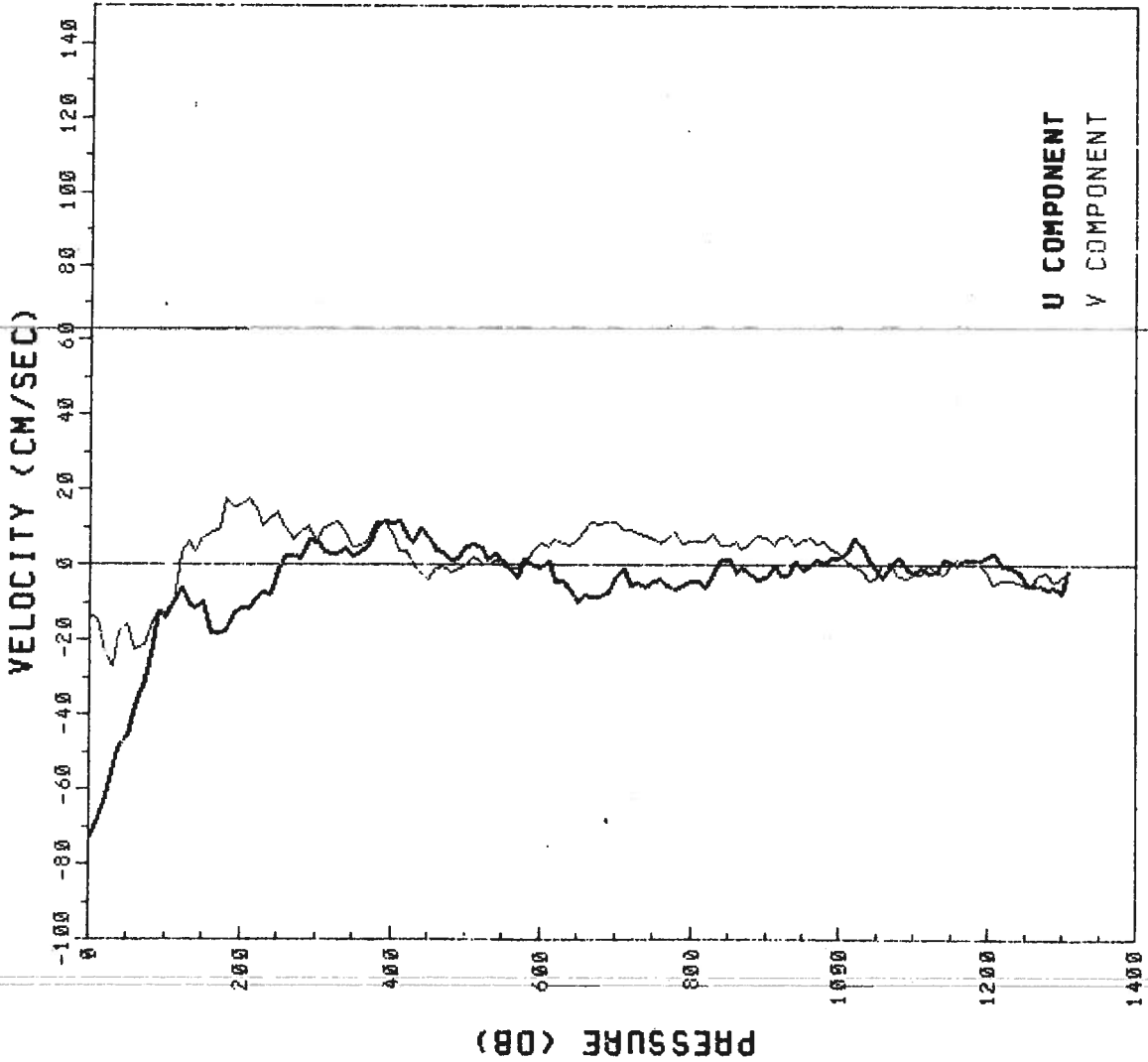
EP1-83-RS PEGASUS 1
 R/V RESEARCHER DATE 03 23 83 TIME 0810 Z
 LATITUDE 4.50 N LONGITUDE 85.00 W



PRESSURE	U	V	T
0	-55.7	-0.6	30.3
10	-58.9	-3.6	29.6
20	-44.1	0.1	28.8
30	-32.3	1.6	28.1
40	-33.8	-4.2	26.9
50	-53.5	-8.1	25.6
60	-42.5	-5.0	24.8
70	-32.5	-10.6	23.9
80	-24.2	-16.0	22.3
90	-7.4	-13.7	21.0
100	-17.7	-23.3	19.4
110	-24.5	-21.9	18.5
120	-18.0	-7.0	17.0
130	-9.7	-0.8	16.1
140	-11.8	-7.9	15.5
150	-10.7	-10.2	15.1
160	-10.2	-2.9	14.6
170	-8.3	-0.6	14.3
180	-9.1	-2.2	14.1
190	-5.6	-2.8	13.9
200	-6.3	-2.0	13.6
220	-9.2	-2.1	13.4
240	-11.3	-0.2	12.9
260	-14.9	-5.6	12.4
280	-11.3	-0.1	11.9
300	-9.7	-2.9	11.4
320	-6.6	-7.5	10.8
340	-5.7	2.4	10.2
360	-3.5	-5.8	9.6
380	4.1	-0.1	9.2
400	1.8	2.5	8.9
450	8.6	2.2	8.1
500	13.6	2.9	7.2
550	18.1	2.4	6.8
600	12.3	11.0	6.3
650	7.0	8.7	5.9
700	5.1	11.6	5.5
750	3.4	14.7	5.2
800	4.6	10.1	4.9
850	3.7	8.3	4.7
900	5.5	4.2	4.6
950	5.6	9.6	4.3
1000	5.2	8.4	4.1
1100	7.2	10.8	3.8
1200	5.8	6.6	3.5
1300	7.5	7.5	3.3

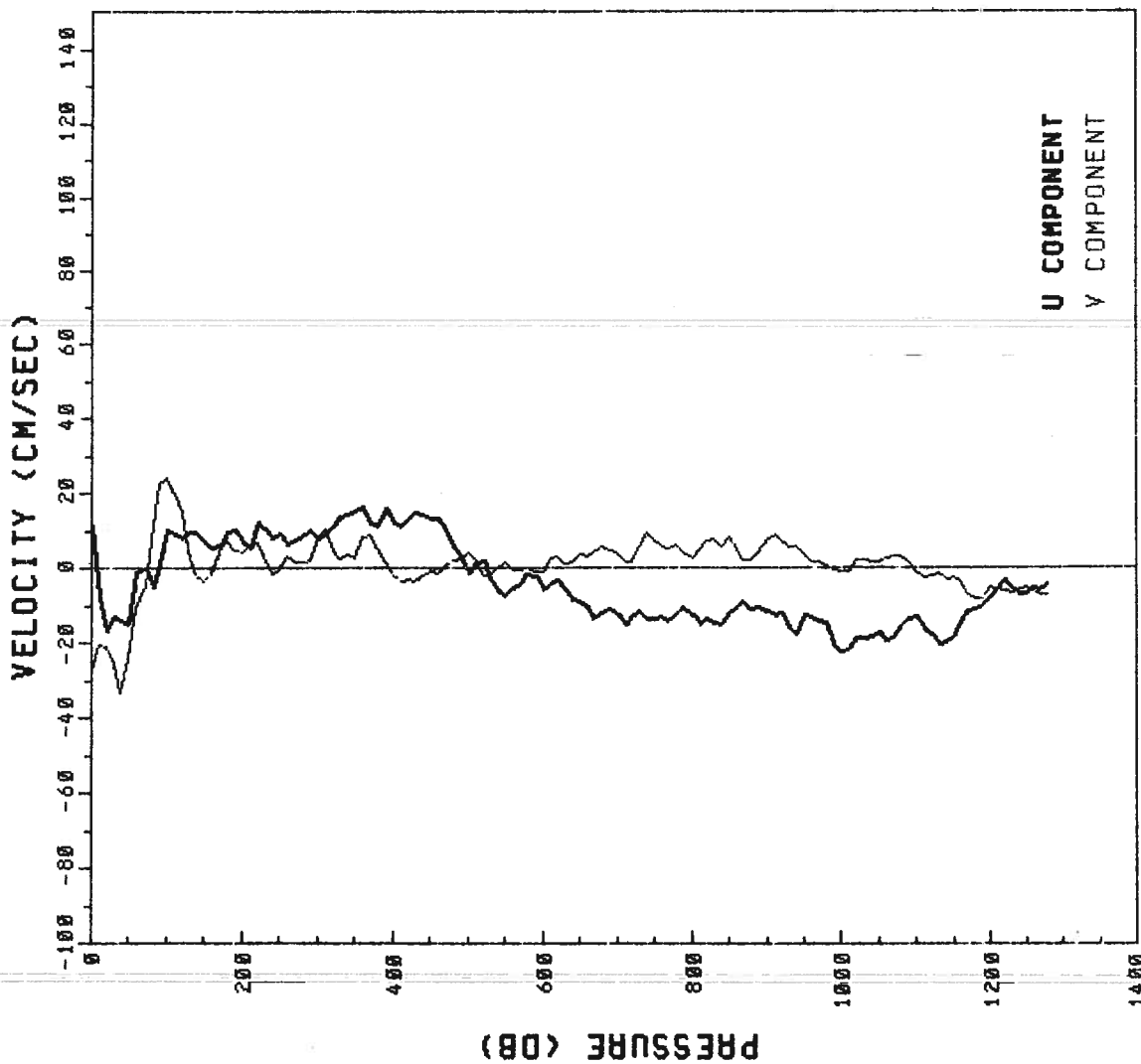
EP1-83-RS PEGASUS 3
 R/V RESEARCHER DATE 03 23 83
 LATITUDE 3.45 N LONGITUDE 85.00 W
 TIME 2017 Z

PRESSURE	U	V	T
0	-72.6	-13.6	29.8
10	-67.9	-13.9	28.3
20	-61.8	-23.1	27.6
30	-53.1	-26.9	27.0
40	-48.3	-18.1	26.4
50	-45.1	-15.5	25.0
60	-37.9	-22.3	23.0
70	-30.5	-21.1	21.8
80	-21.3	-14.8	20.4
90	-12.1	-12.6	19.2
100	-12.7	-13.9	18.6
110	-9.4	-10.4	17.9
120	-5.6	3.8	17.2
130	-9.9	6.7	16.7
140	-11.3	4.1	16.1
150	-9.6	7.3	15.8
160	-17.9	8.3	15.4
170	-17.8	10.0	15.1
180	-17.0	17.8	14.7
190	-12.6	15.9	14.4
200	-10.9	16.2	14.1
220	-8.7	15.5	13.4
240	-7.4	12.7	12.8
260	2.9	9.8	11.9
280	2.6	9.1	10.7
300	6.3	6.5	10.1
320	3.4	10.8	9.6
340	5.0	8.8	9.4
360	3.9	5.3	9.1
380	10.2	11.3	8.7
400	11.7	9.0	8.4
450	7.6	-3.8	7.5
500	5.7	0.3	7.2
550	0.5	2.2	6.8
600	-0.3	6.2	6.5
650	-9.6	7.1	6.0
700	-2.9	11.7	5.6
750	-3.9	7.1	5.2
800	-3.9	6.5	5.0
850	-2.3	5.5	4.8
900	-2.7	7.3	4.6
950	-0.8	7.0	4.3
1000	-2.7	3.7	4.1
1100	-1.8	-2.3	3.7
1200	3.3	-2.0	3.5
1300	-6.6	-3.0	3.3



U COMPONENT
 V COMPONENT

EP1-83-RS PEGASUS 4
 R/V RESEARCHER DATE 03 24 83 TIME 0801 Z
 LATITUDE 2.51 N LONGITUDE 84.99 W

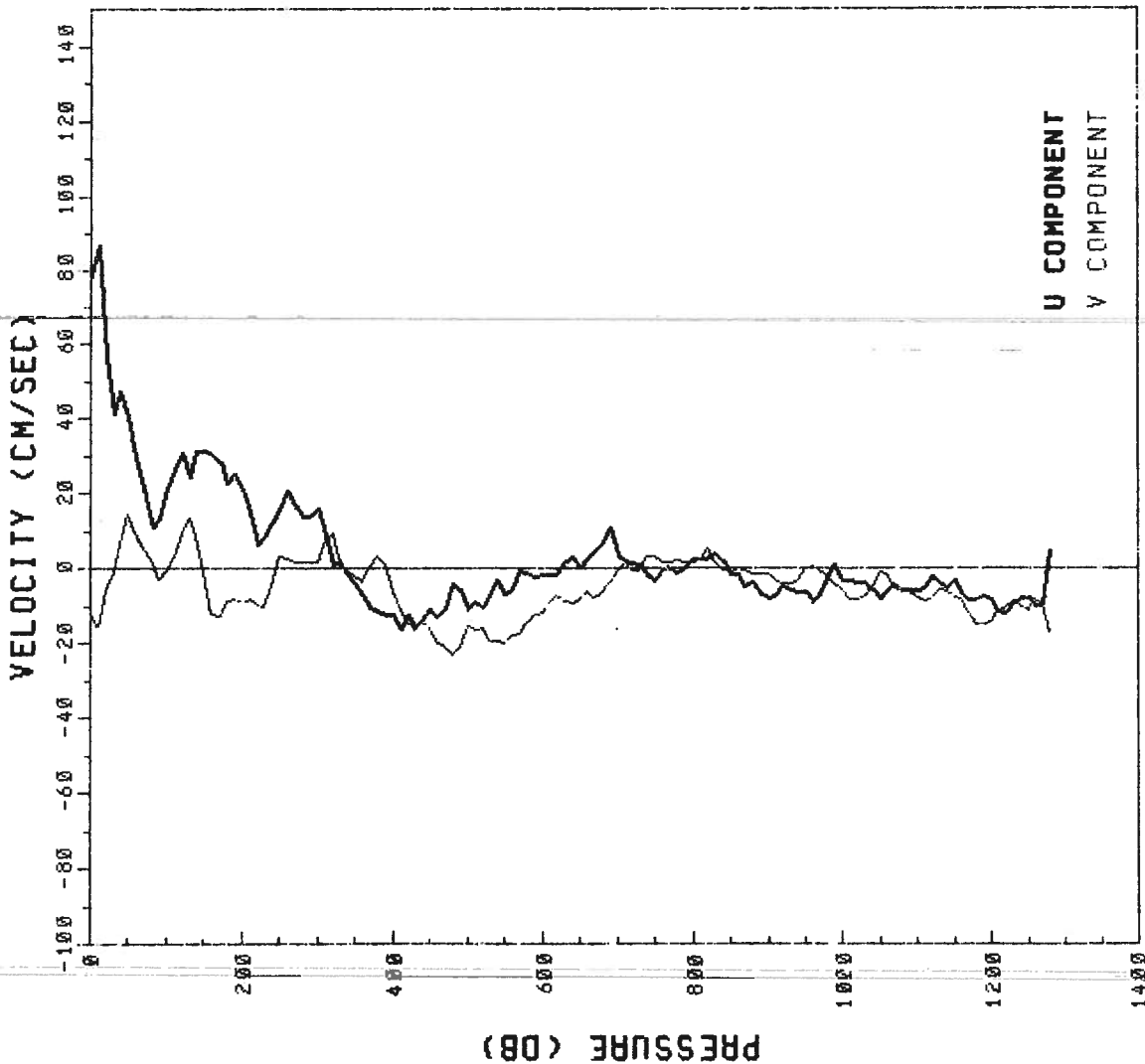


PRESSURE	U	V	T
0	12.0	-26.7	28.6
10	-16.6	-20.2	27.8
20	-12.4	-20.7	26.2
30	-13.7	-25.2	25.4
40	-14.3	-32.9	23.3
50	-0.8	-23.6	21.8
60	0.4	-10.6	21.3
70	0.4	-4.0	20.8
80	-4.9	11.8	19.4
90	1.0	22.9	18.5
100	10.4	24.4	17.8
110	9.4	20.2	17.5
120	8.4	15.4	17.0
130	9.8	3.1	16.2
140	10.0	-1.6	15.6
150	8.1	-3.2	15.3
160	5.9	-1.3	14.8
170	6.3	6.0	14.3
180	9.9	7.3	14.0
190	10.4	4.9	13.6
200	7.3	4.6	13.4
220	13.1	6.8	13.0
240	8.5	-1.3	12.3
260	6.9	3.4	11.6
280	9.1	1.5	10.9
300	8.6	8.3	9.9
320	12.0	4.9	9.3
340	14.6	4.0	9.0
360	16.8	8.4	8.9
380	11.8	5.6	8.4
400	13.0	-1.9	8.2
450	13.8	-1.0	8.1
500	-1.2	4.5	7.6
550	-6.8	1.9	7.1
600	-5.0	-0.8	6.6
650	-8.5	4.2	6.3
700	-12.1	4.1	6.0
750	-13.1	7.6	5.3
800	-12.0	3.2	5.2
850	-11.6	8.5	4.9
900	-11.1	7.9	4.7
950	-12.1	4.2	4.5
1000	-21.6	-0.6	4.3
1100	-12.4	-0.6	3.9
1200	-7.0	-4.7	3.6

U COMPONENT
 V COMPONENT

EPI-83-RS PEGASUS 5
 R/V RESEARCHER DATE 03 24 83
 LATITUDE 1.51 N LONGITUDE 84.99 W
 TIME 1732 Z

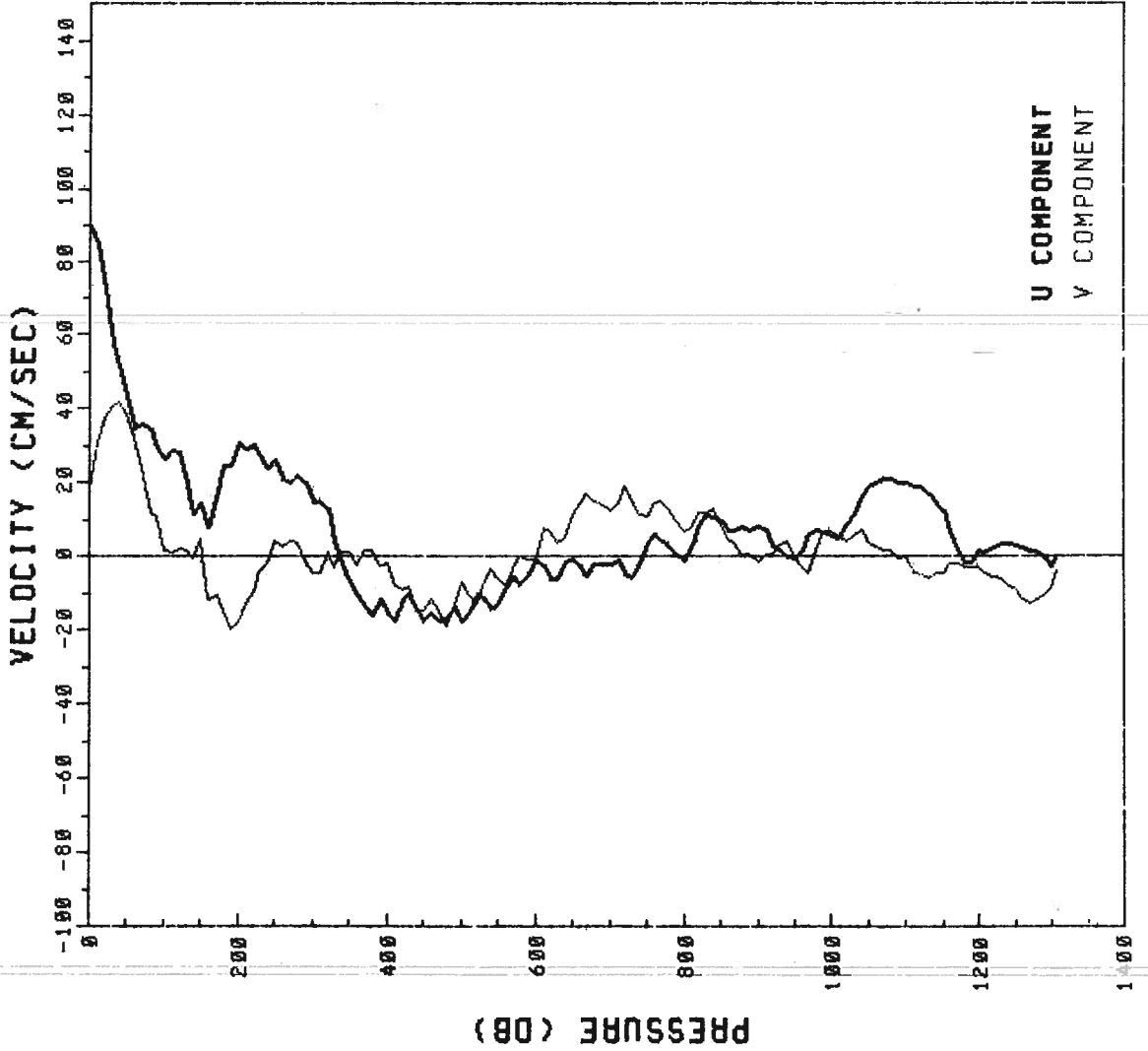
0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200
78.2	86.6	56.8	41.8	47.6	41.2	29.9	19.0	10.9	13.5	21.1	26.3	30.8	24.6	32.1	31.7	31.5	28.6	23.1	25.5	21.4	6.6	12.3	20.8	14.2	16.2	0.9	-1.1	-6.5	-11.0	-12.0	-10.4	-10.5	-6.1	-1.1	0.2	4.2	-2.6	1.7	-1.2	-7.4	-5.6	-2.8	-7.4	
-12.1	-15.4	-5.4	-0.7	7.2	14.6	9.2	5.2	2.2	-2.9	-0.2	3.4	9.4	13.6	8.9	-0.6	31.5	-12.7	-8.8	-6.3	-9.1	-9.7	-4.4	3.1	1.9	2.0	9.4	-0.6	-3.4	3.7	-5.5	-15.7	-15.1	-19.8	-11.4	-7.9	-0.3	3.4	1.7	-0.7	-1.5	0.0	-5.2	-7.4	
29.4	29.4	28.0	25.8	25.5	23.2	22.7	22.0	20.6	18.7	18.0	17.2	16.8	16.5	15.8	14.9	14.4	14.2	14.2	14.1	14.0	13.5	13.0	12.4	11.6	10.9	10.5	9.6	9.2	9.0	8.7	8.0	7.7	7.0	6.5	6.1	5.8	5.6	5.3	5.1	4.9	4.7	4.5	4.0	3.6



U COMPONENT
 V COMPONENT

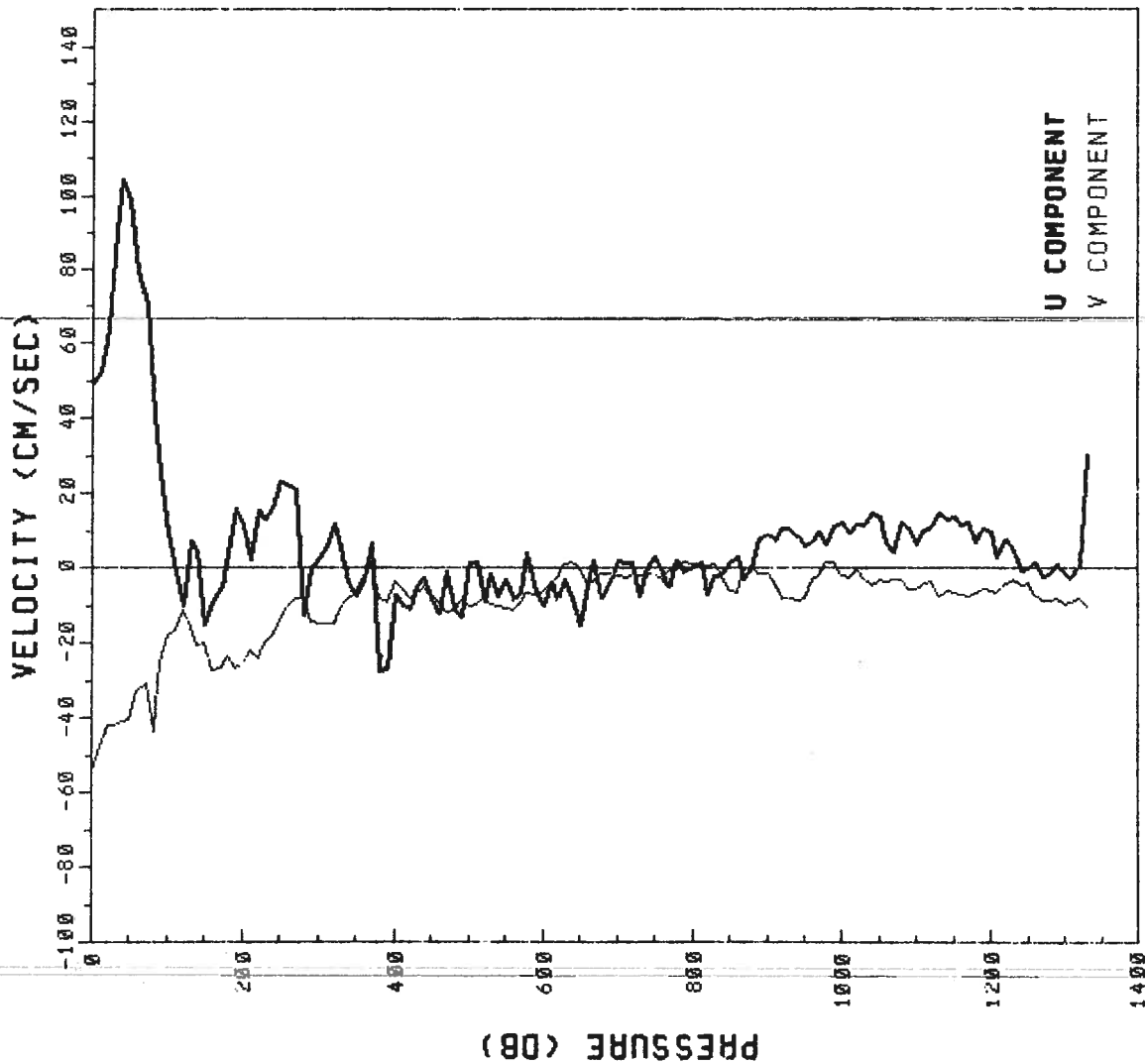
EPI-83-RS PEGASUS 6
 R/V RESEARCHER DATE 03 25 83 TIME 0240 Z
 LATITUDE 0.67 N LONGITUDE 85.00 W

0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200	1300
89.9	84.4	73.0	57.6	44.3	35.5	36.4	34.8	29.4	26.3	28.4	19.6	11.7	14.7	8.1	17.6	24.9	25.3	31.5	30.3	23.9	21.3	22.4	15.4	13.2	-1.7	-10.4	-15.9	-15.2	-17.1	-17.4	-12.5	-0.7	-0.3	-2.0	4.1	-0.7	10.1	8.4	-0.3	6.0	20.0	1.7	-2.6		
18.3	31.5	37.9	40.8	42.3	38.9	32.8	22.1	10.8	1.6	2.7	1.7	-0.3	5.1	-11.8	-10.8	-14.6	-19.9	-17.3	-9.6	-1.8	3.1	4.0	-4.3	1.2	1.3	-2.1	1.7	-1.6	-14.3	-6.7	-5.6	-0.9	11.9	13.0	11.0	6.9	8.9	-1.3	-0.4	6.9	0.2	-3.0	3.4		
29.3	26.8	28.3	27.5	26.4	24.3	22.9	22.1	20.2	19.1	18.5	17.9	17.2	14.6	14.6	14.5	14.2	13.8	13.7	13.4	12.5	11.9	11.4	11.0	9.5	8.3	7.8	6.4	6.0	5.7	5.3	5.2	5.1	4.9	4.6	4.3	4.0	3.6	3.4							



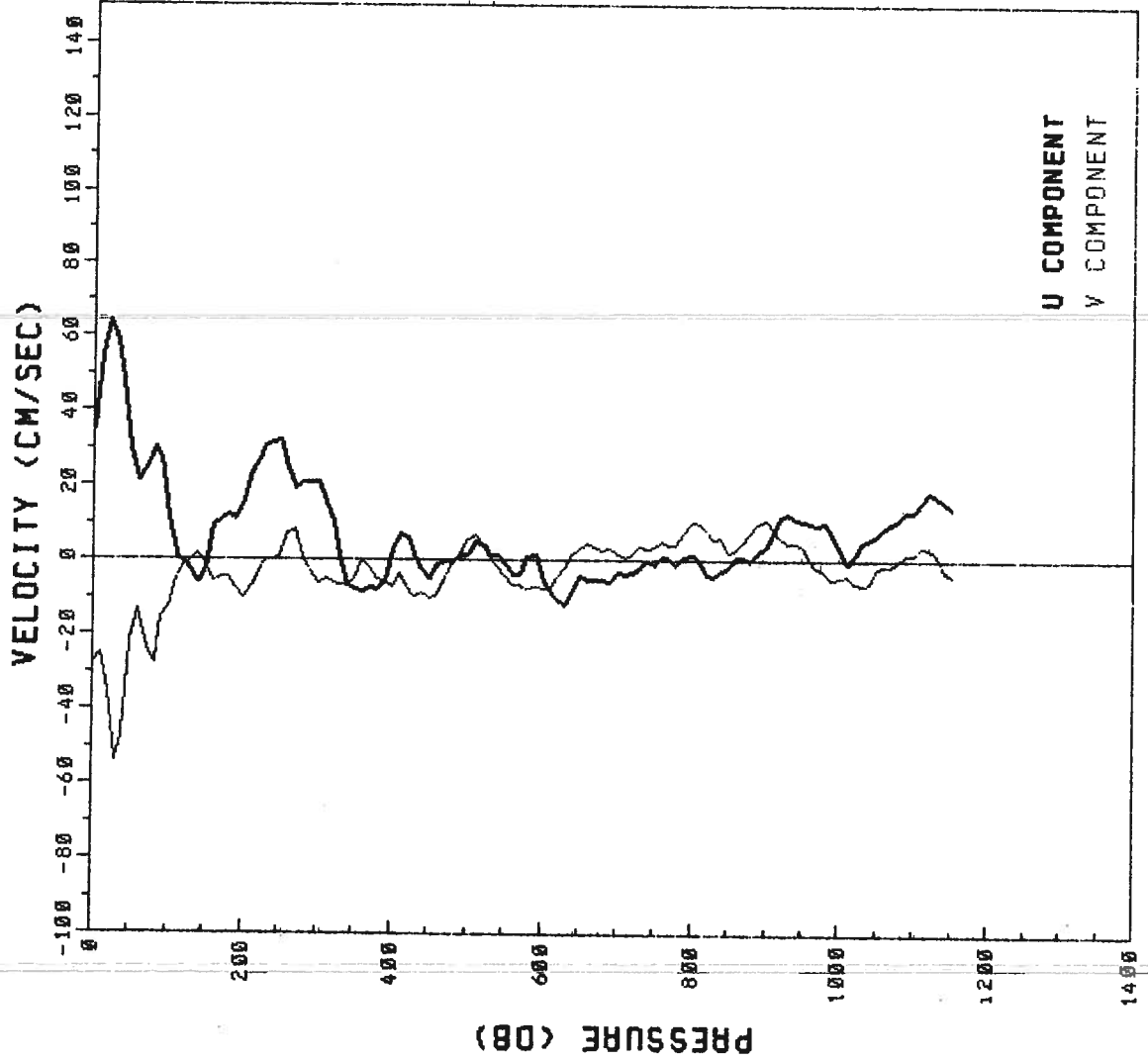
EPI-83-RS PEGASUS 8
 R/V RESEARCHER DATE 03 27 83
 LATITUDE 0.02 N LONGITUDE 85.05 W
 TIME 2046 Z

VELOCITY (CM/SEC)	U	V	T
0	49.6	-53.5	29.5
10	52.7	-47.6	29.5
20	64.2	-41.9	29.4
30	90.7	-41.9	29.3
40	104.2	-40.9	29.0
50	98.5	-40.2	27.9
60	79.5	-32.5	25.5
70	70.9	-30.8	23.3
80	41.1	-43.4	22.1
90	25.9	-24.5	20.4
100	9.3	-17.2	18.9
110	-0.8	-15.9	17.5
120	-9.9	-11.0	16.3
130	7.7	-15.5	14.8
140	5.1	-20.5	14.6
150	-14.8	-19.9	14.5
160	-9.2	-26.5	14.4
170	-4.9	-26.4	14.0
180	4.2	-23.4	13.7
190	16.1	-26.3	13.6
200	12.1	-24.6	13.5
220	15.7	-23.7	13.3
240	16.3	-17.6	13.1
260	23.0	-10.2	12.9
280	-12.3	-8.3	12.4
300	3.3	-14.3	11.3
320	12.2	-14.3	11.3
340	-3.6	-7.9	11.0
360	-2.6	-2.1	10.6
380	-26.7	-7.6	10.0
400	-6.5	-3.2	9.4
450	-7.6	-7.4	8.5
500	1.7	-10.2	7.7
550	-2.9	-10.4	7.1
600	-10.1	-5.5	6.6
650	-14.9	0.1	6.1
700	2.8	-1.6	5.8
750	3.6	-1.9	5.6
800	0.5	1.3	5.4
850	2.1	-5.8	5.1
900	9.2	-1.2	4.9
950	6.6	-8.0	4.8
1000	13.1	-1.8	4.4
1100	6.3	-5.3	3.9
1200	10.1	-5.9	3.7
1300	-0.6	-9.4	3.4



U COMPONENT
 V COMPONENT

EPI-83-RS PEGASUS 10
 R/V RESEARCHER DATE 03 28 83
 LATITUDE 0.65 S LONGITUDE 84.97 W
 TIME 1532 Z

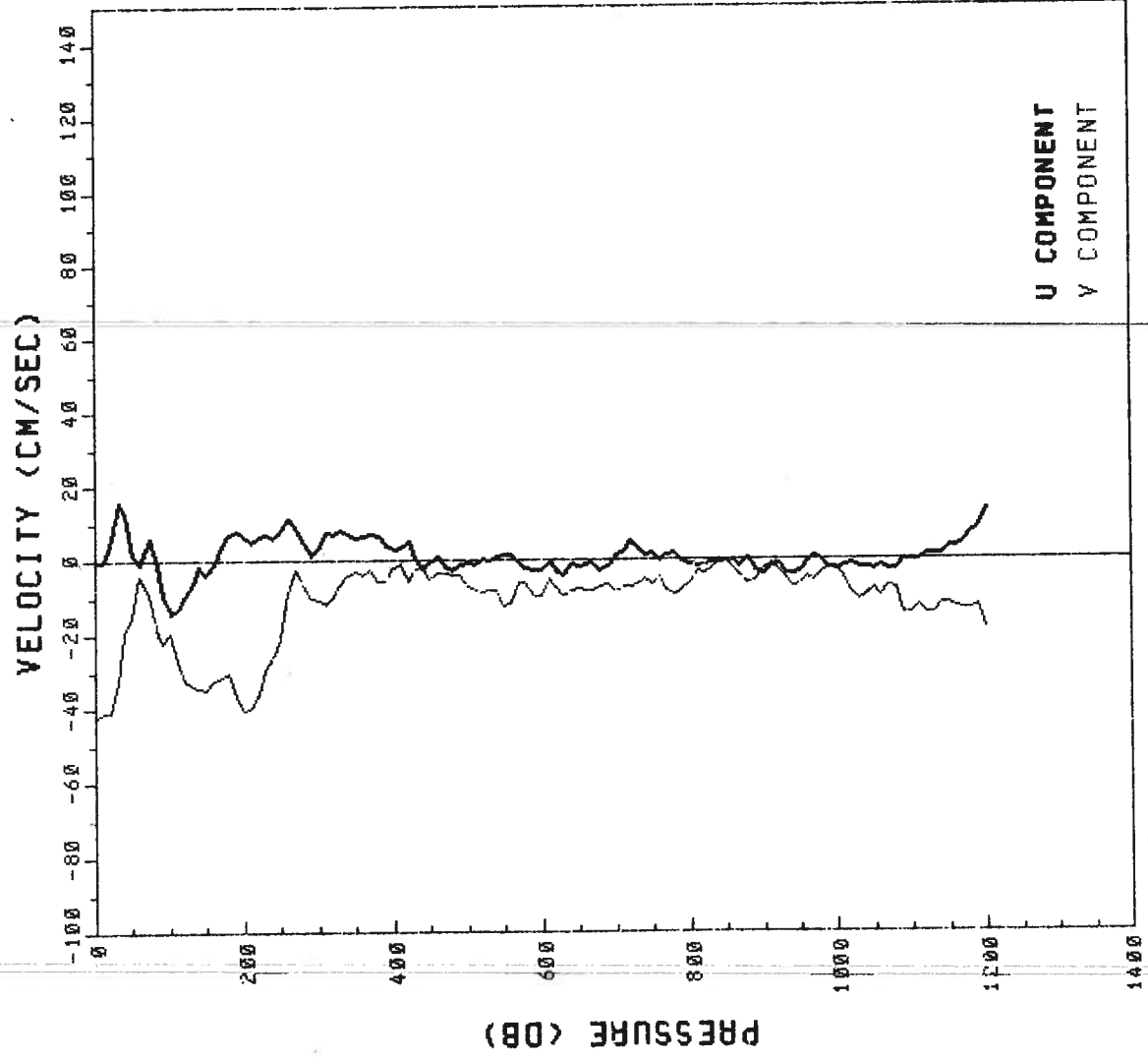


PRESSURE	U	V	T
0	35.2	-27.6	29.3
10	54.9	-24.6	29.3
20	64.4	-35.2	29.3
30	58.7	-53.5	29.0
40	48.1	-46.9	27.9
50	30.0	-22.0	26.3
60	21.2	-13.1	24.2
70	25.4	-23.9	22.2
80	30.4	-27.0	21.7
90	27.4	-15.2	21.5
100	11.5	-12.3	20.5
110	2.1	-4.6	17.7
120	-0.3	-1.2	16.4
130	-2.9	0.1	16.2
140	-5.7	1.4	15.9
150	-2.3	-0.8	15.3
160	9.2	-5.2	14.7
170	12.1	-4.4	14.4
180	13.0	-4.1	14.4
190	12.0	-7.0	14.3
200	16.0	-10.1	13.9
220	27.2	-3.3	13.3
240	32.5	0.0	13.0
260	25.1	7.5	12.7
280	21.3	0.9	12.1
300	21.3	-5.9	11.6
320	10.5	-5.9	10.7
340	-6.2	-6.4	10.1
360	-7.6	0.4	9.8
380	-7.2	-4.5	9.4
400	2.9	-6.7	9.0
450	-4.6	-10.1	8.1
500	2.0	6.1	7.7
550	-0.8	-3.6	7.2
600	-5.1	-7.0	6.7
650	-3.6	3.5	6.1
700	-2.8	1.4	5.9
750	-0.6	4.1	5.5
800	1.7	10.2	5.2
850	-1.1	2.4	4.9
900	4.5	10.7	4.6
950	11.1	4.0	4.4
1000	3.0	-4.2	4.2
1100	13.9	2.1	3.8

U COMPONENT
 V COMPONENT

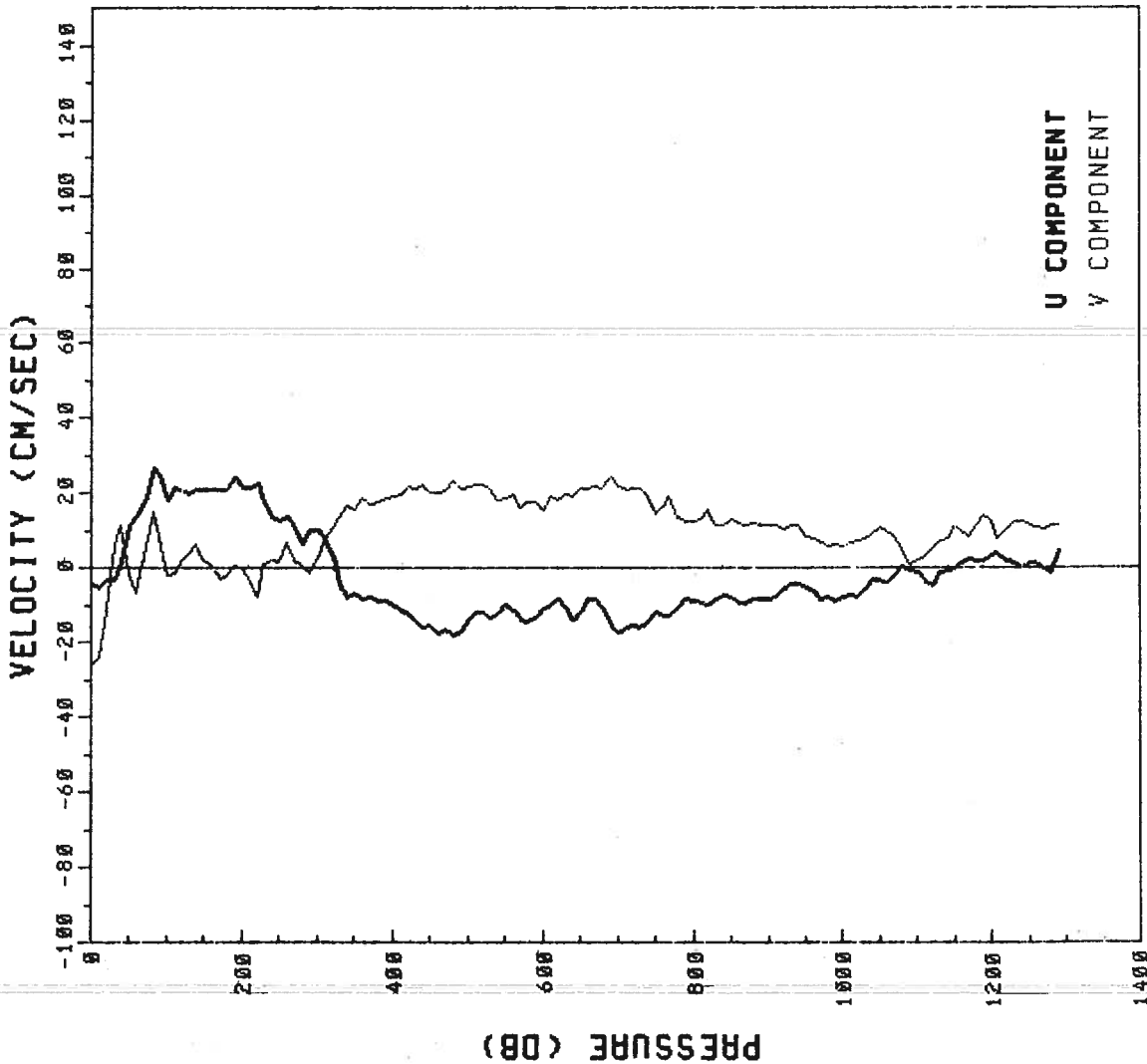
EP1-83-RS PEGASUS 11
 R/V RESEARCHER DATE 03 28 83
 LATITUDE 1.49 S LONGITUDE 84.988 W

TIME 2312 Z



PRESSURE	U	V	T
0	0.4	-41.9	29.1
10	0.3	-40.8	29.1
20	6.4	-40.7	28.6
30	16.3	-32.4	26.8
40	12.8	-19.3	25.1
50	1.7	-14.6	23.7
60	-0.9	-9.7	22.6
70	6.4	-8.6	21.4
80	-0.8	-18.1	20.2
90	-9.2	-22.0	19.4
100	-13.5	-19.5	19.0
110	-12.5	-26.0	18.5
120	-9.0	-31.9	16.8
130	-5.8	-33.5	15.9
140	-1.2	-33.8	15.4
150	-3.1	-34.7	14.8
160	-0.9	-32.0	14.5
170	5.3	-30.9	14.3
180	7.4	-29.9	14.2
190	8.6	-36.2	14.2
200	6.9	-40.4	14.2
220	7.2	-35.3	14.1
240	6.5	-25.5	13.4
260	11.6	-8.6	12.3
280	15.2	-5.6	11.7
300	4.2	-10.8	11.1
320	7.3	-9.5	10.5
340	7.7	-3.5	10.3
360	7.0	-3.5	9.6
380	6.8	-5.4	9.2
400	3.8	-1.7	8.9
450	-0.3	-4.5	8.4
500	-0.5	-6.5	7.7
550	-2.0	-11.9	6.9
600	-2.5	-9.6	6.6
650	-1.5	-7.1	6.2
700	1.6	-8.6	5.8
750	2.4	-6.3	5.5
800	-0.9	-5.3	5.2
850	-0.5	-0.2	4.8
900	-3.2	-2.4	4.6
950	-2.8	-6.1	4.3
1000	-2.4	-1.8	4.2
1100	0.2	-13.8	4.0
1200	13.9	-18.2	3.6

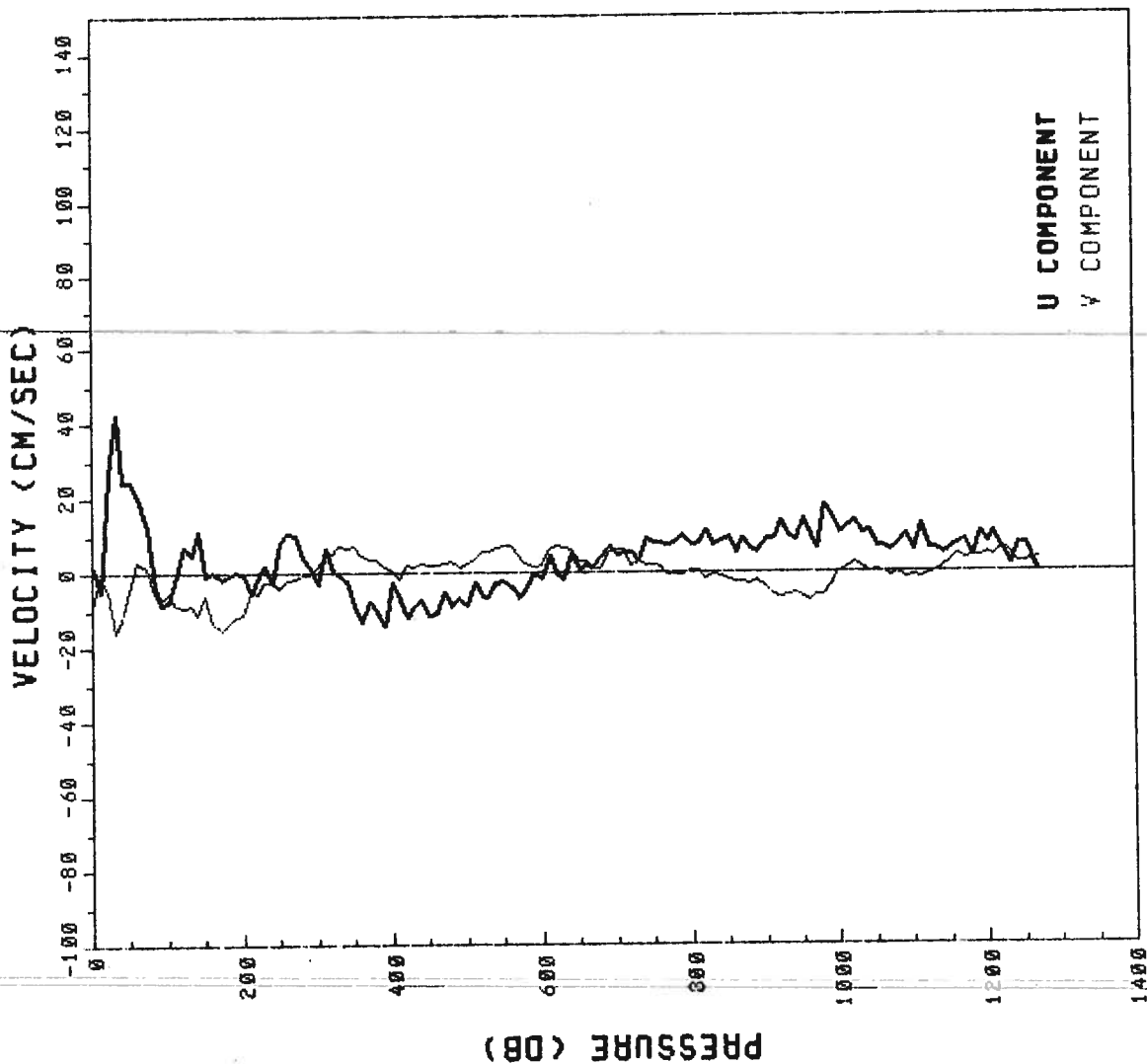
EP1-83-RS PEGASUS 12
 R/V RESEARCHER DATE 03 29 83 TIME 1722 Z
 LATITUDE 2.492 S LONGITUDE 85.016 W



PRESSURE	U	V	T
0	-3.8	-25.5	29.1
10	-4.5	-28.7	29.0
20	-2.6	-11.2	27.3
30	-2.7	6.6	26.1
40	2.2	11.4	25.0
50	11.8	-1.4	23.4
60	14.3	-6.0	21.4
70	18.6	6.0	19.3
80	27.1	15.5	18.7
90	28.2	8.6	18.3
100	18.3	-2.0	17.7
110	22.1	-1.3	16.6
120	20.8	2.7	15.9
130	20.0	4.5	15.4
140	21.6	6.3	15.0
150	21.8	2.7	14.8
160	21.8	0.5	14.8
170	21.5	-3.0	14.7
180	21.2	-1.6	14.6
190	24.4	0.5	14.4
200	22.2	-0.4	14.1
220	23.3	-7.1	13.9
240	14.4	2.4	13.3
260	14.1	7.0	12.4
280	6.6	0.8	11.8
300	10.3	2.9	11.0
320	3.8	10.7	10.0
340	-7.0	16.9	9.2
360	-7.7	18.6	8.9
380	-8.6	17.6	8.6
400	-9.4	19.1	8.4
450	-15.2	20.4	7.9
500	-13.5	22.2	7.7
550	-9.7	18.7	7.2
600	-10.4	16.0	6.8
650	-11.6	21.7	6.3
700	-17.0	22.1	5.9
750	-11.5	14.9	5.6
800	-8.5	12.9	5.3
850	-7.3	13.2	5.0
900	-8.2	12.0	4.8
950	-4.6	8.7	4.7
1000	-7.3	5.8	4.6
1100	-0.6	2.7	4.1
1200	4.3	12.7	3.7

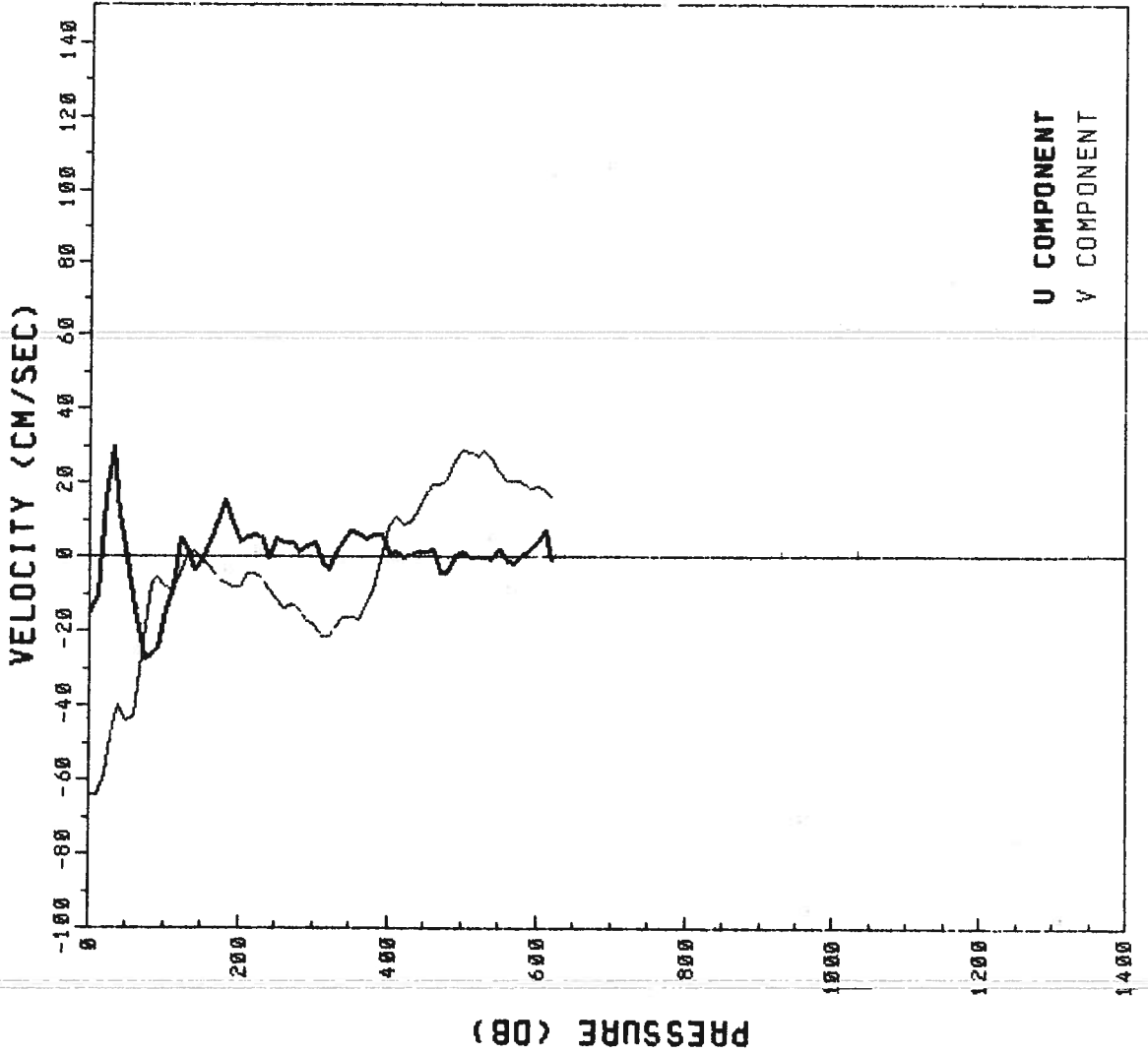
EPI-83-RS PEGASUS 13
 R/V RESEARCHER DATE 03 30 83
 LATITUDE 4.50 S LONGITUDE 85.00 W
 TIME 1541 Z

PRESSURE (DB)	U	V	T
0	1.6	-9.3	28.8
10	-4.9	-0.9	28.9
20	26.3	-4.4	27.9
30	43.3	-15.4	26.1
40	25.3	-12.0	25.8
50	25.2	-4.4	25.5
60	20.8	3.5	24.6
70	12.8	1.5	23.8
80	-3.4	-4.5	22.7
90	-7.7	-6.7	21.5
100	-7.2	-5.3	20.9
110	-0.5	-6.4	19.7
120	7.4	-9.2	18.8
130	4.9	-8.6	17.8
140	11.5	-10.9	17.0
150	-0.3	-5.9	16.7
160	0.8	-13.0	16.2
170	-1.1	-14.8	14.9
180	-0.5	-13.5	14.4
190	0.7	-11.5	14.2
200	-0.5	-11.2	13.9
220	-0.1	-5.4	13.6
240	-2.1	-2.5	13.1
250	10.8	-2.0	12.4
280	4.6	-0.3	11.8
300	-2.7	1.5	11.3
320	0.7	5.5	10.6
340	-1.8	7.2	10.1
360	-13.0	5.1	9.4
380	-10.3	4.1	8.9
400	-2.4	0.6	8.5
450	-10.9	2.8	7.7
500	-8.7	3.0	7.2
550	-1.9	7.3	6.8
600	-1.2	2.6	6.3
650	0.5	3.7	6.1
700	5.6	6.7	5.8
750	8.7	2.7	5.6
800	8.2	0.6	5.3
850	9.7	-1.7	5.1
900	9.4	-3.5	4.8
950	14.8	-6.0	4.7
1000	10.7	0.2	4.4
1100	6.2	-0.8	4.0
1200	8.2	5.7	3.6

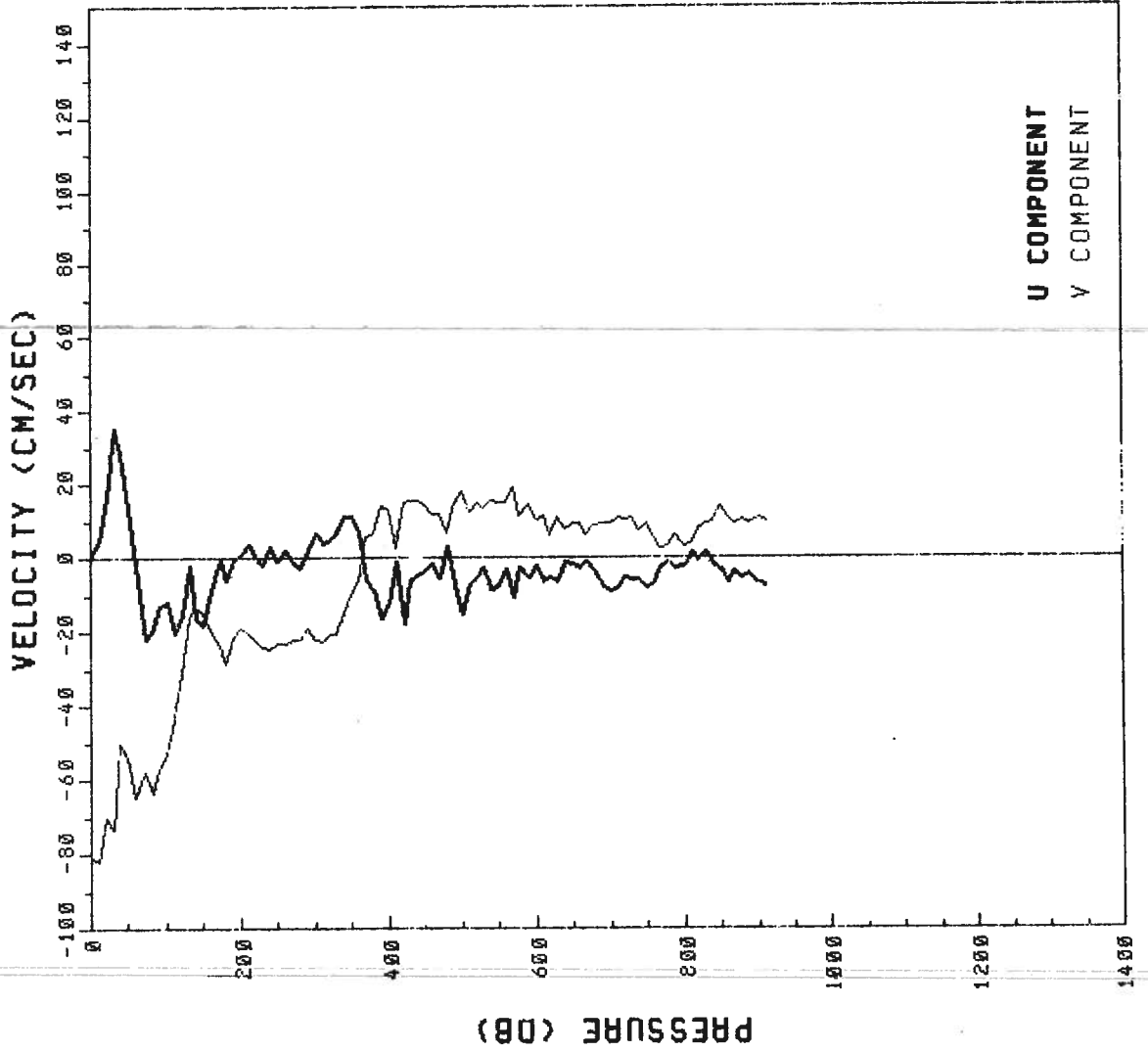


EP1-83-RS PEGASUS 14
 R/V RESEARCHER DATE 08 31 83
 LATITUDE 5.01 S LONGITUDE 81.50 W
 TIME 0942 Z

PRESSURE	U	V	T
0			
10	-14.5	-63.9	28.6
20	-10.5	-63.6	28.9
30	16.0	-58.4	28.5
40	29.9	-44.9	27.3
50	12.1	-39.7	26.6
60	-0.2	-44.0	26.0
70	-13.0	-42.5	25.4
80	-26.5	-22.4	24.4
90	-25.9	-7.4	23.6
100	-24.1	-5.3	23.0
110	-14.1	-8.1	22.4
120	-8.3	-9.2	20.8
130	5.4	-4.4	19.8
140	2.2	0.7	17.8
150	-3.2	1.9	16.3
160	-0.9	-0.6	15.5
170	4.6	-2.1	15.1
180	11.0	-5.6	14.7
190	15.7	-6.5	14.3
200	9.2	-8.1	13.9
220	4.4	-8.2	13.6
240	6.3	-4.1	13.5
260	-0.5	-8.8	13.3
280	4.4	-13.7	13.0
300	1.9	-14.2	12.7
320	4.5	-18.6	12.3
340	-2.7	-21.1	12.0
360	4.5	-15.8	11.8
380	7.1	-9.3	11.7
400	6.7	-9.3	11.4
450	1.3	8.6	10.6
500	2.3	17.0	9.9
550	1.6	28.9	7.8
600	2.5	23.7	7.1
650	4.6	19.4	6.6

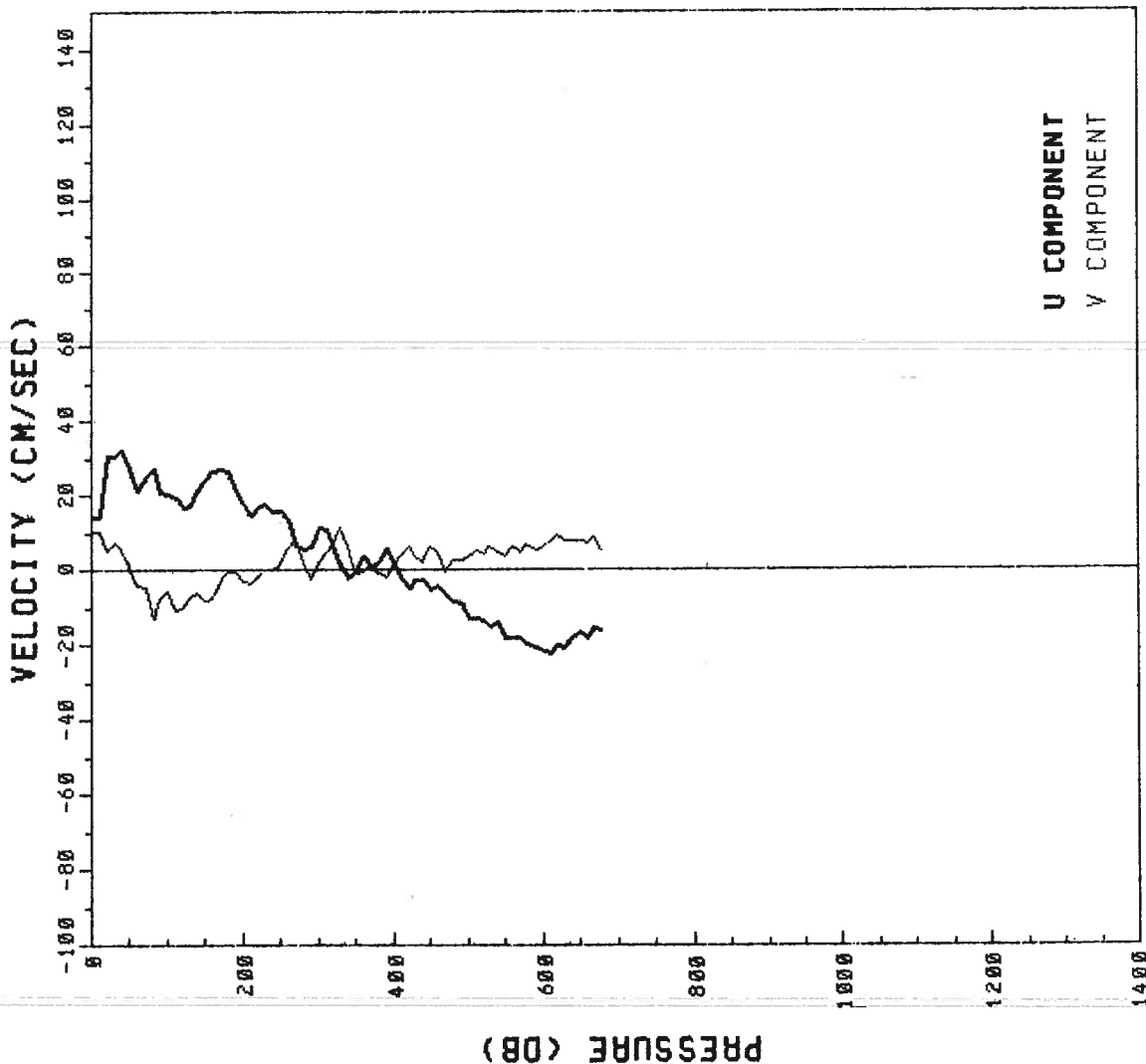


EP1-83-RS PEGASUS 15
 R/V RESEARCHER DATE 03 31 83
 LATITUDE 5.166 S LONGITUDE 81.717 W
 TIME 1931 Z



PRESSURE	U	V	T
0	0.8	-80.8	29.3
10	5.1	-81.8	29.3
20	16.9	-70.1	29.4
30	35.8	-73.7	29.2
40	28.4	-50.0	28.0
50	14.0	-53.6	26.9
60	-1.5	-64.3	26.5
70	-21.9	-58.1	25.6
80	-19.1	-63.5	24.9
90	-12.3	-56.8	24.4
100	-11.4	-53.1	24.1
110	-20.4	-43.5	23.3
120	-14.8	-31.1	22.9
130	-1.6	-15.5	20.7
140	-15.7	-13.1	19.0
150	-18.0	-14.3	18.1
160	-8.7	-19.3	16.9
170	-0.4	-23.2	16.4
180	-5.5	-28.8	15.5
190	-0.4	-21.1	14.9
200	1.1	-18.8	14.8
220	0.1	-22.4	14.1
240	3.8	-24.3	13.8
260	2.4	-22.7	13.4
280	-2.4	-21.9	13.1
300	7.0	-21.9	12.6
320	5.4	-20.3	12.3
340	11.7	-14.4	11.7
360	7.5	-5.6	11.3
380	-8.4	7.0	10.8
400	-12.1	13.5	10.3
450	-3.3	14.9	8.7
500	-15.0	16.1	8.0
550	-7.0	15.4	7.6
600	-1.8	10.3	6.9
650	-1.1	9.6	6.3
700	-8.6	9.4	6.0
750	-7.1	9.4	5.6
800	-1.6	3.5	5.4
850	-2.8	14.2	5.2
900	-6.0	11.1	4.9

EPI-83-RS PEGASUS 19
 R/V RESEARCHER DATE 04 06 83 TIME 0728 Z
 LATITUDE 10.01 S LONGITUDE 79.15 W

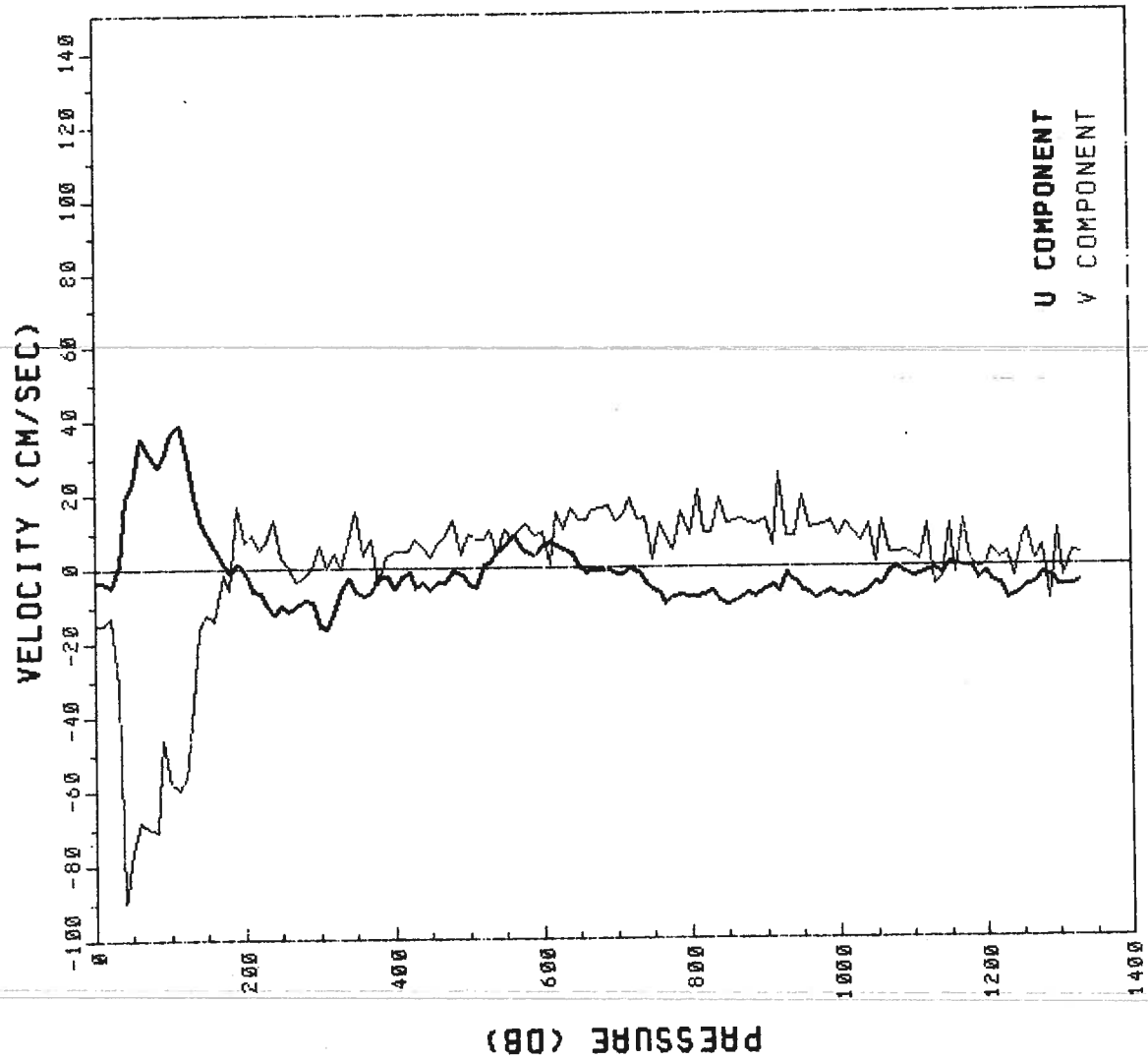


PRESSURE	U	V	T
0	14.7	10.6	27.9
10	14.7	10.6	27.9
20	31.0	5.7	27.9
30	31.3	7.4	27.9
40	32.7	6.0	27.9
50	27.5	1.1	27.9
60	21.1	-3.5	27.3
70	25.4	-4.2	25.1
80	27.4	-12.5	23.8
90	21.6	-7.2	23.0
100	20.5	-5.4	22.3
110	19.8	-10.8	21.2
120	17.1	-9.4	19.7
130	17.5	-6.8	18.8
140	22.0	-5.5	17.7
150	24.8	-7.7	16.6
160	26.9	-7.0	16.1
170	27.3	-1.7	15.6
180	26.9	-0.5	14.8
190	21.8	-0.3	14.6
200	17.8	-3.0	14.4
220	17.1	-1.5	14.1
240	16.4	0.4	13.7
260	13.6	6.2	13.3
280	6.0	2.8	12.6
300	11.6	2.5	12.1
320	5.6	7.4	11.6
340	-1.9	6.3	11.4
360	4.2	-0.5	11.2
380	2.7	-1.0	10.5
400	1.4	2.1	9.9
450	-4.7	6.4	8.7
500	-12.6	4.0	8.0
550	-18.1	4.0	7.4
600	-21.5	6.6	6.9
650	-16.1	7.9	6.4

U COMPONENT
 V COMPONENT

EP1-83-RS PEGASUS 16
 R/V RESEARCHER DATE 04 05 83
 LATITUDE 5.0 S LONGITUDE 83.5 W
 TIME 1127 Z

0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200	1300			
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-2.7	-2.9	-4.4	1.9	19.8	23.5	35.9	31.6	28.2	30.5	37.2	39.2	31.7	20.4	13.9	9.2	6.0	1.0	-1.0	2.1	-0.6	-5.8	-12.0	-11.2	-7.9	-15.1	-9.9	-2.3	-6.7	-2.0	-5.1	-5.2	-3.7	6.5	6.7	0.7	-1.4	-5.2	-7.0	-5.2	-9.4	-5.2	-7.3	-2.2	-1.5	-4.5			
-14.6	-14.3	-12.7	-31.3	-50.5	-75.3	-68.0	-70.1	-70.7	-45.9	-57.8	-55.8	-36.0	-15.9	-12.1	-13.6	-1.2	-5.4	17.2	7.7	5.3	13.8	13.8	0.8	6.6	4.7	7.6	4.1	3.8	4.9	3.5	9.2	10.3	9.7	18.3	12.9	2.7	8.8	12.3	13.4	19.4	19.4	8.6	3.6	0.4	9.9			
29.2	29.2	29.2	28.8	27.4	25.3	24.8	23.7	22.6	21.6	21.0	20.1	18.7	18.2	17.4	16.4	15.4	14.8	14.6	14.3	13.5	13.5	13.1	12.6	12.4	11.9	11.5	11.2	10.5	10.0	8.7	7.9	7.2	6.8	6.4	6.1	5.8	5.5	5.3	5.0	4.7	4.5	4.0	3.5	3.2				

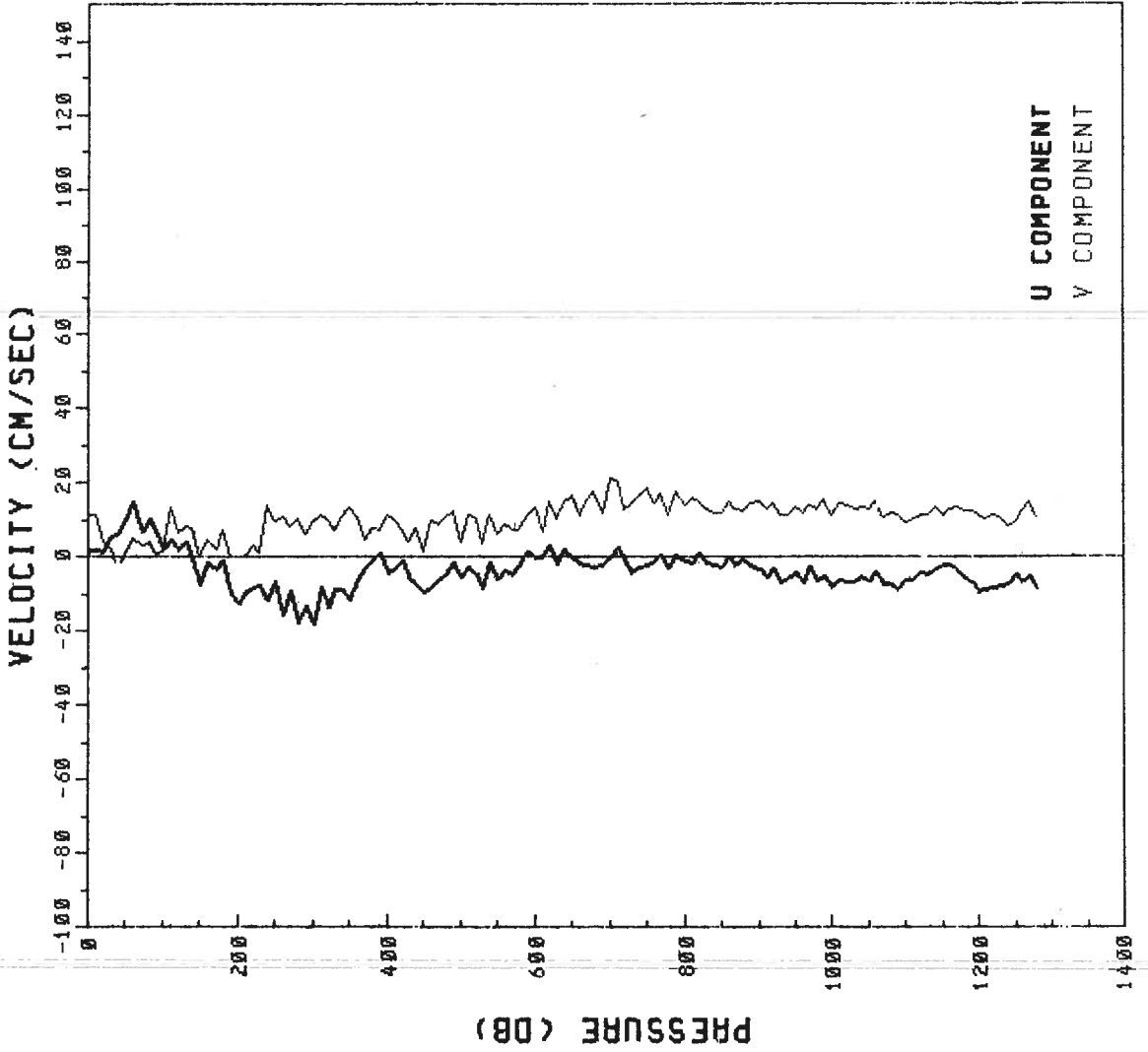


PRESSURE (DB)

U COMPONENT
 V COMPONENT

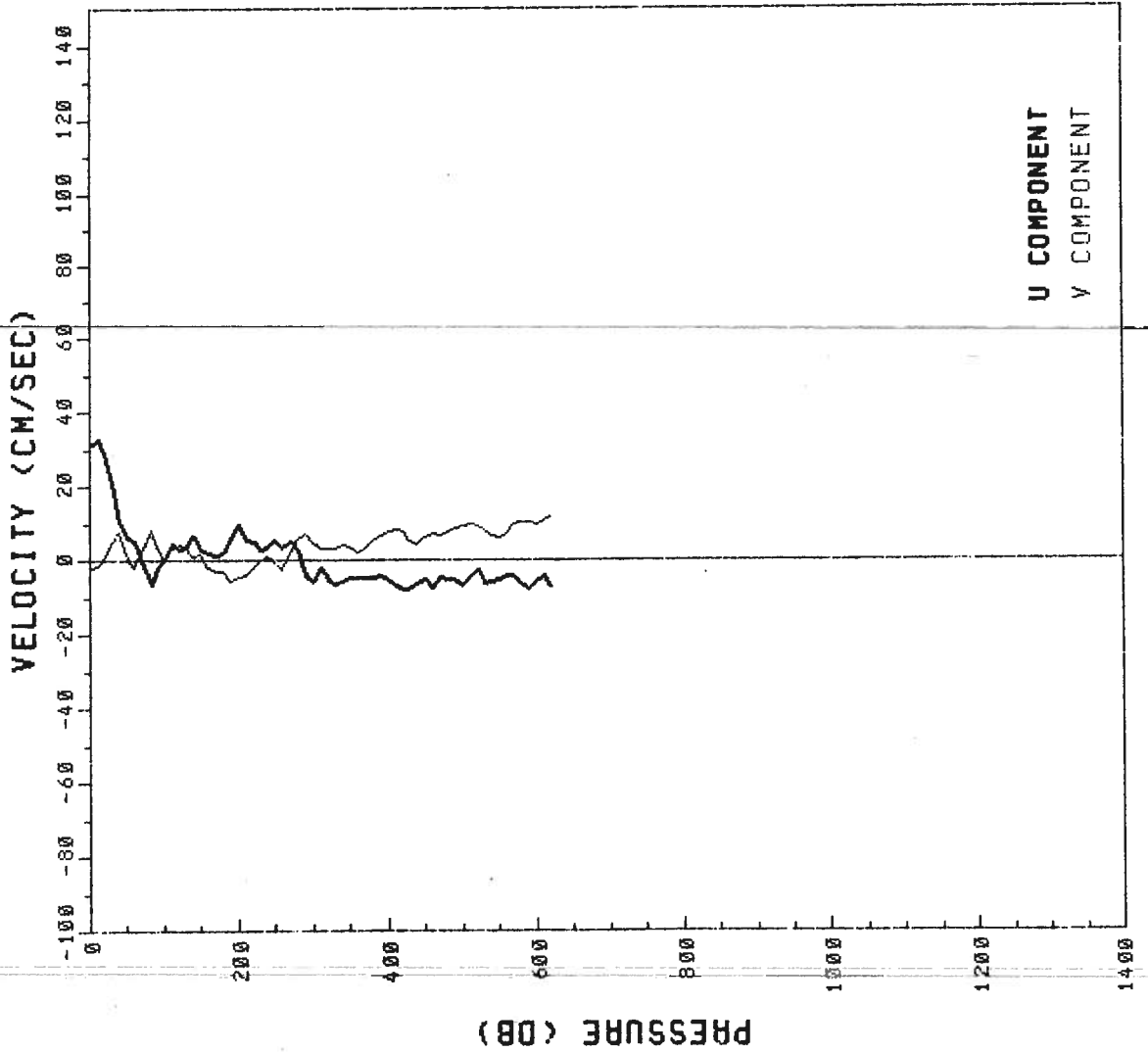
EP1-83-RS PEGASUS 17
 R/V RESEARCHER DATE 04 05 83 TIME 2021 Z
 LATITUDE 10.367 S LONGITUDE 79.60 W

VELOCITY (CM/SEC)	U	V	T
0	2.6	11.7	28.2
10	2.6	11.7	28.2
20	2.1	4.4	28.2
30	6.1	2.4	28.1
40	6.5	-2.8	27.9
50	10.0	0.6	26.9
60	15.5	5.7	26.1
70	7.0	3.5	25.0
80	10.4	4.7	23.9
90	7.6	1.3	23.4
100	2.6	1.6	22.6
110	4.9	13.8	20.9
120	2.8	6.8	20.0
130	4.4	8.7	18.8
140	-0.5	8.0	17.5
150	-7.0	0.3	16.2
160	-1.4	5.1	15.3
170	-2.9	2.4	14.7
180	-0.8	7.6	14.2
190	-10.2	0.1	13.9
200	-2.4	0.0	13.6
220	-7.6	3.5	13.1
240	-11.6	14.1	12.7
260	-15.7	11.1	12.0
280	-17.3	10.3	11.5
300	-18.4	9.7	11.2
320	-13.6	9.7	10.8
340	-8.7	10.8	10.4
360	-5.7	11.0	9.9
380	-1.0	7.9	9.5
400	-3.7	11.4	9.1
450	-9.0	2.2	8.1
500	-5.1	4.7	7.4
550	-5.6	6.6	7.0
600	0.4	13.8	6.5
650	0.4	17.0	6.2
700	0.1	21.7	5.8
750	-1.6	18.8	5.6
800	-1.0	14.4	5.3
850	-2.4	12.6	5.1
900	-3.0	15.1	4.8
950	-3.5	14.0	4.6
1000	-7.8	11.7	4.4
1100	-5.6	9.5	4.0
1200	-9.3	11.5	3.6



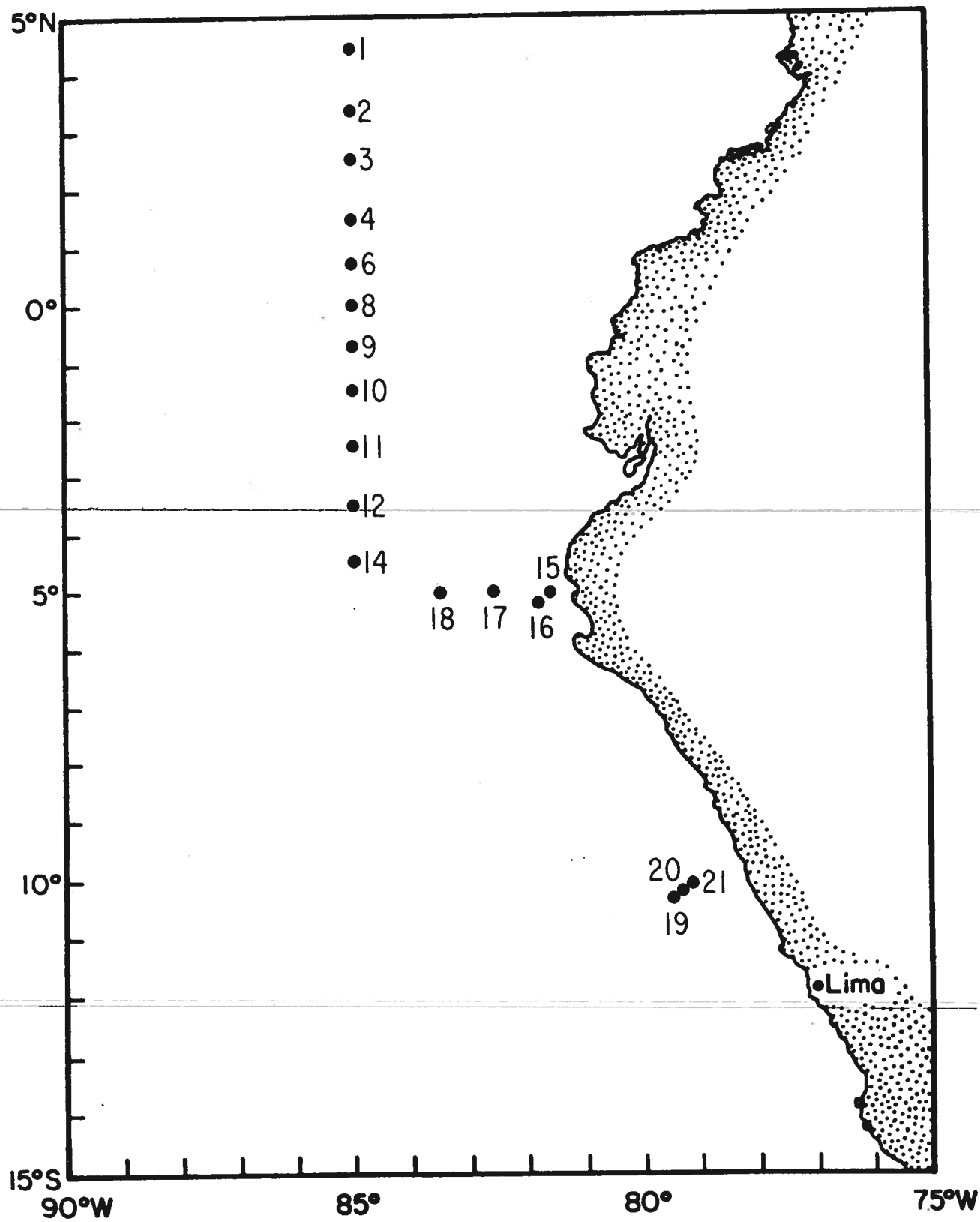
EP1-83-RS PEGASUS 18
 R/V RESEARCHER DATE 04 06 83 TIME 0329 Z
 LATITUDE 10.21 S LONGITUDE 79.283 W

0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600
31.7	33.3	27.4	18.7	10.6	6.9	5.4	-1.2	-6.3	-1.9	0.3	5.0	3.5	4.2	7.1	3.4	2.4	1.6	2.5	6.1	10.1	5.6	4.1	3.9	3.0	-5.1	-4.6	-5.2	-4.3	-4.0	-4.8	-4.6	-6.2	-4.8	-5.2
1.8	1.5	1.1	5.5	8.1	1.9	-1.6	3.6	8.3	4.2	0.4	3.4	4.5	3.6	1.0	1.8	-2.0	-2.9	-2.9	-5.3	-4.0	-2.0	1.3	-2.4	6.2	4.9	3.8	4.4	2.4	5.3	7.9	6.5	9.6	6.5	10.0
28.0	28.0	27.8	27.8	27.4	26.1	24.7	23.3	22.4	21.5	20.5	19.5	17.4	16.4	15.7	14.9	14.6	14.2	13.7	13.4	13.2	12.9	12.4	12.1	11.6	11.0	10.7	10.3	10.0	9.6	9.3	8.4	7.7	7.1	6.8



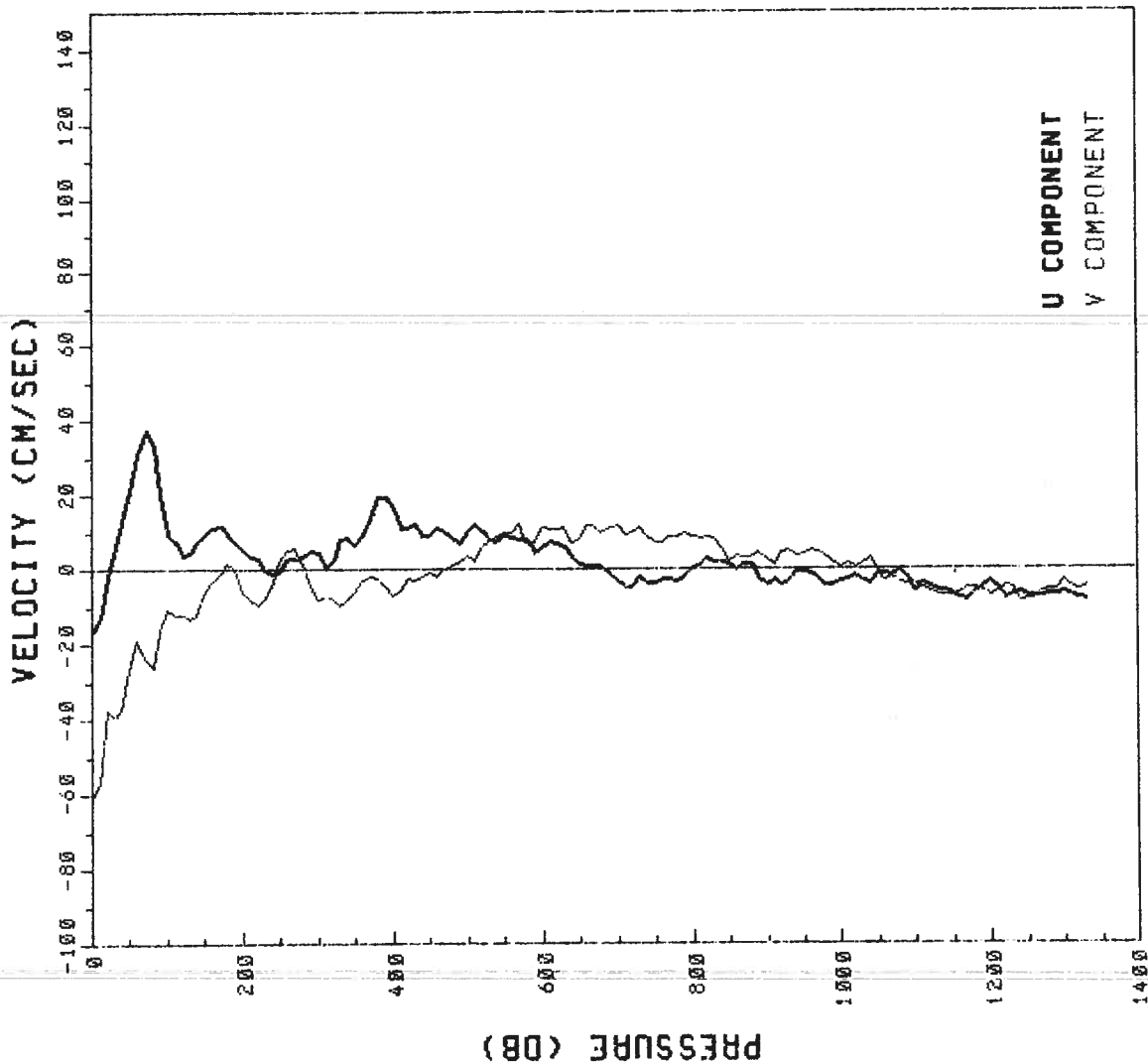
APPENDIX H: EP3-83-RS

PEGASUS STATIONS EP3 - 83 - RS



EP3-83-RS PEGASUS 1
 R/V RESEARCHER DATE 05 18 83
 LATITUDE 4.5 N LONGITUDE 85.0 W
 TIME 0600 Z

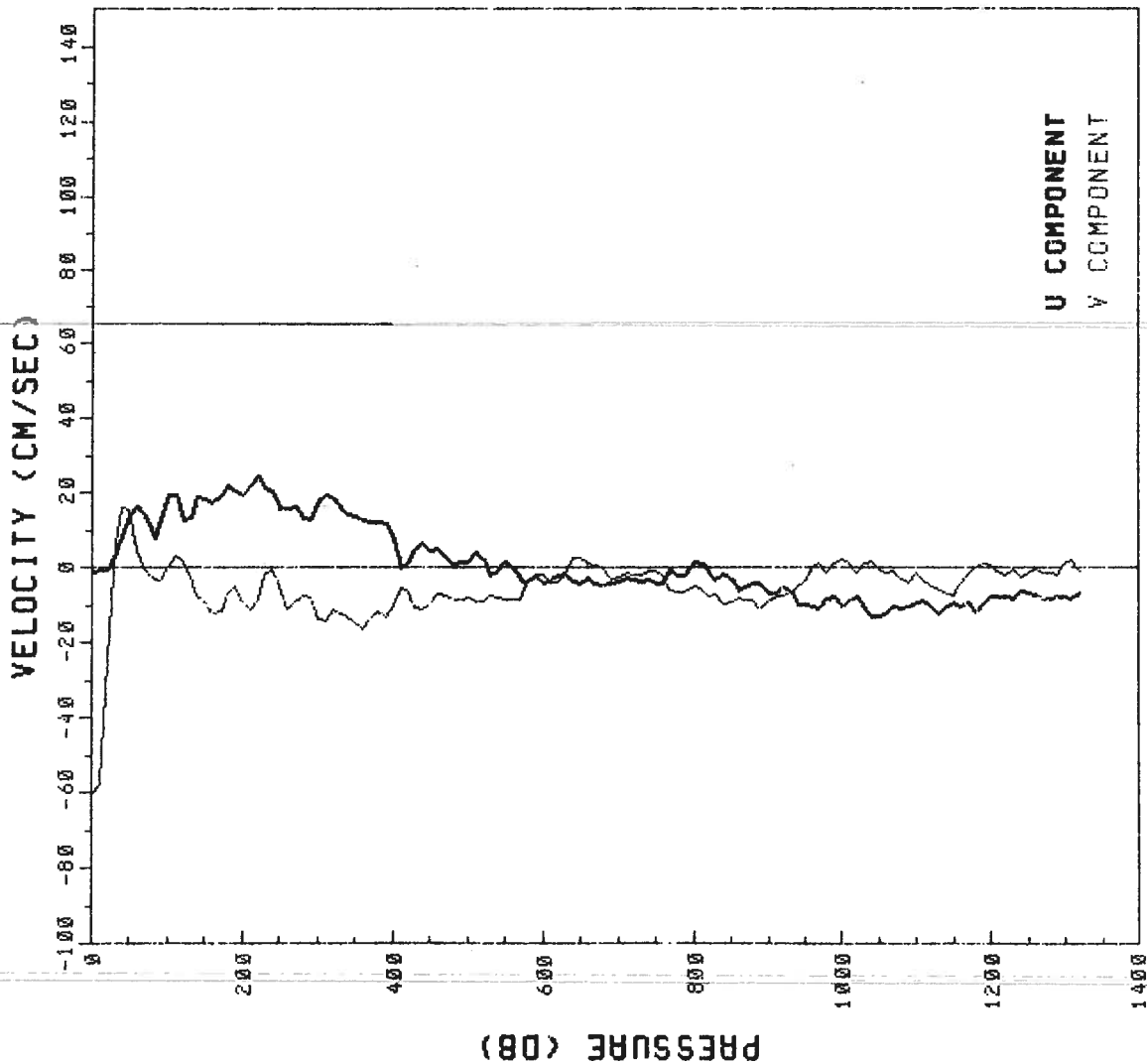
PRESSURE (DB)	U	V	T
0	-15.8	-60.8	30.4
10	-12.6	-56.5	30.4
20	-1.7	-37.3	29.1
30	6.5	-39.3	27.5
40	13.3	-37.6	26.5
50	21.2	-26.4	26.0
60	30.9	-19.0	25.4
70	37.8	-23.7	24.0
80	34.0	-25.7	21.9
90	20.0	-16.0	18.2
100	10.1	-10.8	16.2
110	7.8	-11.9	15.5
120	4.8	-12.2	15.1
130	4.9	-13.0	14.9
140	7.6	-12.2	14.7
150	9.3	-6.0	14.5
160	11.2	-3.1	14.2
170	12.2	-0.9	14.0
180	10.0	1.8	13.9
190	7.9	0.3	13.7
200	6.2	5.7	13.6
220	3.8	-5.4	13.4
240	-0.9	-4.0	13.2
260	3.4	5.7	13.0
280	3.9	2.2	12.5
300	5.2	-8.2	11.9
320	3.1	-8.3	11.3
340	8.8	-8.0	10.7
360	9.2	-2.7	10.1
380	19.5	-2.1	9.5
400	16.6	-6.7	8.8
450	9.5	-0.8	8.1
500	10.4	4.1	7.4
550	9.5	9.9	6.9
600	6.6	11.3	6.6
650	1.8	8.7	6.2
700	-2.9	12.2	5.9
750	-3.1	7.3	5.6
800	0.6	9.0	5.3
850	1.5	2.7	5.0
900	-3.6	3.1	4.8
950	-0.4	4.5	4.5
1000	-2.6	0.6	4.3
1100	-5.5	-3.1	3.9
1200	-3.0	-6.8	3.7
1300	-5.7	-2.9	3.4



U COMPONENT
 V COMPONENT

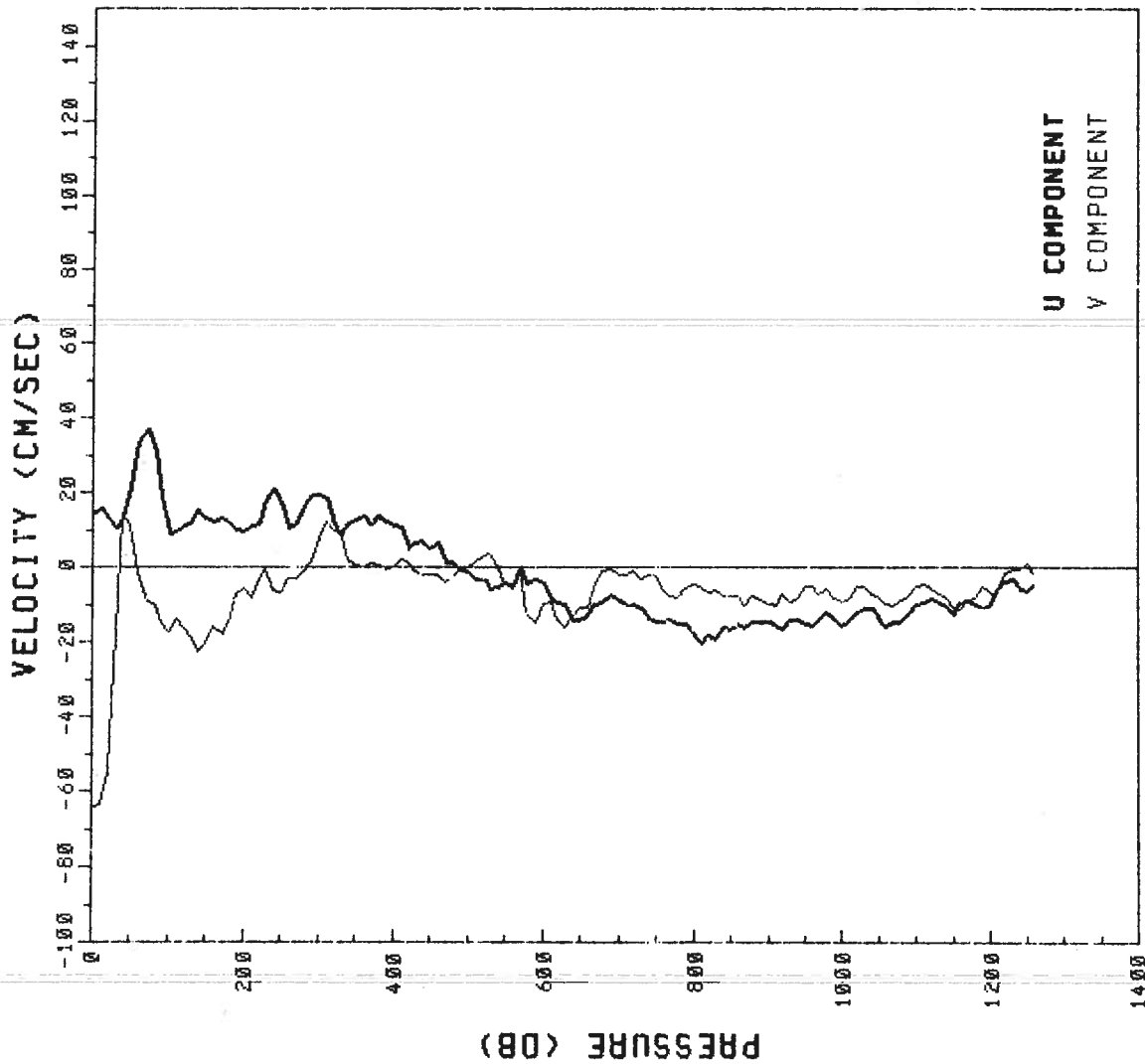
EP3-83-RS PEGASUS 2
 R/V RESEARCHER DATE 05 18 83
 LATITUDE 3.30 N LONGITUDE 85.0 W

TIME 1445 Z



PRESSURE	U	V	T
0	-0.8	-65.4	30.1
10	-0.1	-57.9	30.1
20	-0.1	-24.2	30.1
30	4.8	6.6	29.6
40	8.3	16.3	28.1
50	14.5	15.8	26.4
60	16.7	5.0	22.9
70	13.5	-1.2	21.6
80	8.1	-3.7	20.5
90	13.3	-3.2	19.2
100	19.9	0.2	18.2
110	19.5	3.4	17.2
120	13.4	2.2	16.5
130	13.8	-2.4	16.1
140	19.1	-7.4	15.8
150	18.8	-9.1	15.5
160	17.9	-12.2	15.2
170	19.6	-11.4	14.9
180	22.4	-6.8	14.7
190	20.8	-4.7	14.4
200	19.5	-9.6	14.3
220	24.9	-8.7	13.8
240	20.5	-0.5	13.6
260	16.1	-11.0	13.1
280	13.8	-7.1	12.6
300	18.3	-13.4	11.9
320	18.7	-10.9	11.4
340	15.0	-13.2	10.6
360	13.3	-15.2	9.9
380	13.0	-11.5	9.4
400	7.5	-10.0	9.2
450	5.1	-9.4	8.3
500	2.1	-7.9	7.6
550	1.4	-8.4	7.2
600	-3.7	-1.8	6.7
650	-3.1	3.3	6.3
700	-3.1	-2.1	6.0
750	-3.9	-1.0	5.7
800	1.9	-4.8	5.5
850	-2.0	-9.0	5.2
900	-6.3	-3.8	5.1
950	-9.9	-3.4	4.8
1000	-9.9	-2.6	4.6
1100	-8.9	-1.3	4.1
1200	-7.2	0.5	3.7
1300	-7.2	1.1	3.4

EP3-83-RS PEGASUS 3
 R/V RESEARCHER DATE 05 18 83
 LATITUDE 2.5 N LONGITUDE 85.0 W
 TIME 2345 Z



PRESSURE	U	V	T
0	14.7	-63.7	29.7
10	16.3	-63.3	29.7
20	13.4	-54.4	29.5
30	10.4	-17.4	27.8
40	13.5	14.8	26.6
50	22.1	11.7	25.2
60	23.7	-1.2	23.7
70	37.4	-8.9	21.9
80	31.3	-10.0	20.0
90	19.1	-14.4	17.9
100	9.5	-16.7	17.2
110	9.7	-13.7	16.3
120	11.8	-15.8	16.3
130	12.8	-18.8	15.9
140	16.0	-22.2	15.7
150	13.7	-20.4	15.3
160	13.0	-15.7	15.0
170	14.0	-17.8	14.7
180	13.1	-14.7	14.5
190	10.3	-6.9	14.3
200	9.9	-5.3	14.1
220	12.4	-2.9	13.6
240	21.2	-5.6	13.2
260	10.9	-2.9	12.8
280	16.9	-0.9	12.4
300	19.5	0.1	11.9
320	11.7	10.0	11.4
340	12.3	2.5	10.2
360	14.3	0.2	9.9
380	14.3	0.6	9.7
400	11.7	0.0	9.6
450	5.3	-1.7	8.8
500	-0.9	0.2	8.2
550	-3.8	-4.3	8.0
600	-3.9	-9.4	7.1
650	-13.6	-10.8	6.8
700	-8.6	-1.8	6.3
750	-13.8	-1.8	5.8
800	-17.2	-4.4	5.5
850	-15.8	-7.3	5.1
900	-14.2	-9.5	4.9
950	-14.5	-4.9	4.8
1000	-14.8	-9.3	4.6
1100	-9.5	-4.5	4.1
1200	-9.6	-6.2	3.7

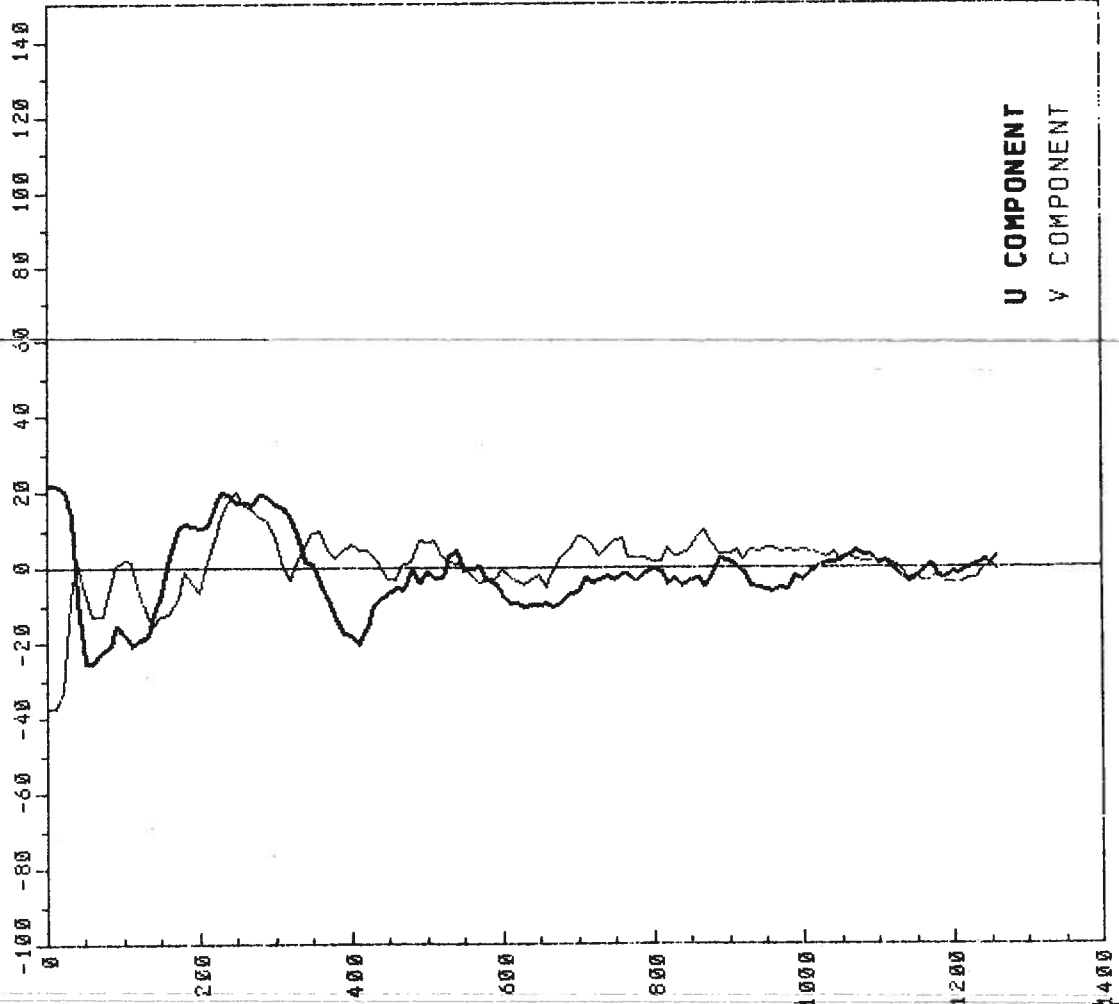
EP3-83-RS PEGASUS 4

R/V RESEARCHER DATE 05 19 83

LATITUDE 1.5 N LONGITUDE 85.0 W

TIME 0948 Z

VELOCITY (CM/SEC)



PRESSURE

U

V

T

0	22.5	-37.6	29.4
10	22.5	-37.6	29.4
20	20.8	-33.1	29.5
30	14.9	-8.0	29.5
40	-7.8	1.9	29.2
50	-24.8	-5.7	27.2
60	-24.6	-12.4	25.9
70	-21.5	-12.6	25.0
80	-20.2	-4.7	24.6
90	-15.2	0.5	23.6
100	-17.2	2.7	22.5
110	-20.4	1.6	20.9
120	-18.9	-6.2	18.9
130	-17.2	-12.0	16.8
140	-11.9	-15.1	16.2
150	-6.3	-12.5	15.6
160	3.5	-12.2	15.2
170	10.8	-7.9	14.9
180	12.4	-0.6	14.7
190	11.4	-3.8	14.2
200	10.8	-6.0	13.9
220	17.4	8.1	13.8
240	19.7	17.8	13.6
260	17.6	17.0	13.5
280	19.5	14.0	13.2
300	17.3	8.0	12.8
320	13.2	-3.0	12.3
340	2.5	5.6	11.9
360	-3.5	10.1	11.3
380	-13.4	3.3	10.6
400	-17.7	6.4	10.4
450	-6.3	-2.7	8.8
500	-0.9	6.8	8.1
550	-0.2	0.5	7.7
600	-6.6	-0.1	7.4
650	-9.6	-1.9	6.6
700	-5.6	8.5	6.0
750	-2.9	7.7	5.6
800	0.3	1.7	5.3
850	-2.6	5.6	5.1
900	2.4	4.1	4.8
950	-5.0	5.7	4.6
1000	-2.6	5.2	4.4
1100	2.1	1.4	3.9
1200	-0.8	-3.9	3.5

U COMPONENT
V COMPONENT

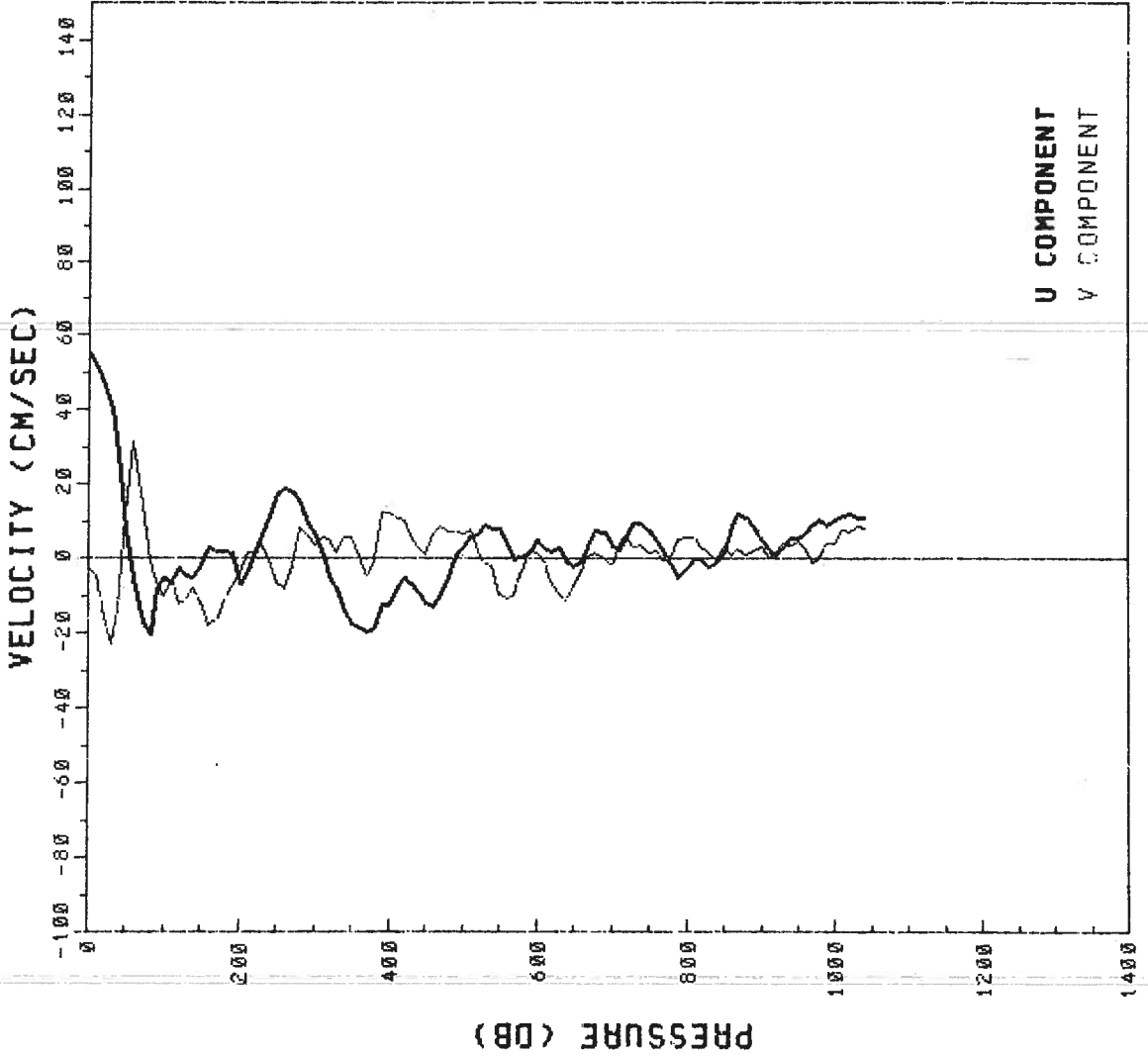
PRESSURE (DB)

EP3-83-RS PEGASUS 6

R/V RESEARCHER DATE 05 19 83

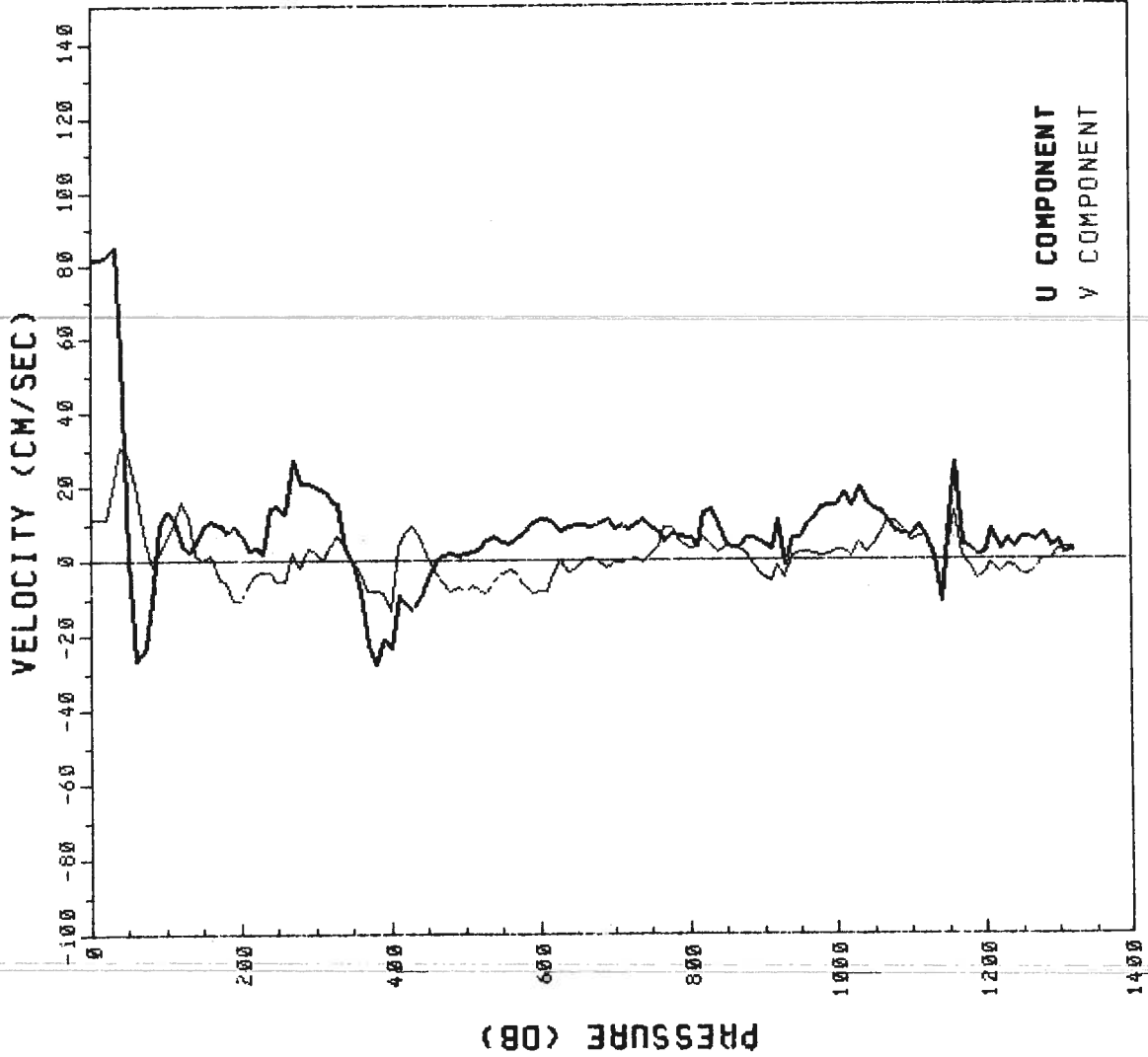
LATITUDE 0.666 N LONGITUDE 85.0 W

TIME 2105 Z



PRESSURE	U	V	T
0	55.1	-2.5	29.2
10	51.8	-4.3	29.1
20	46.5	-15.4	29.0
30	40.3	-22.8	28.9
40	28.3	-13.5	27.8
50	8.2	12.3	25.3
60	-5.0	32.0	23.0
70	-16.9	14.7	22.2
80	-20.4	-1.0	20.9
90	-7.5	-5.9	20.4
100	-4.5	-10.0	20.0
110	-6.3	-5.3	18.5
120	-2.5	-11.9	16.7
130	-4.2	-10.5	15.6
140	-4.7	-7.7	15.0
150	-1.6	-11.5	14.7
160	3.5	-17.8	14.6
170	2.5	-15.6	14.3
180	2.5	-10.9	14.2
190	2.3	-7.4	14.0
200	-6.5	-3.7	13.6
220	2.8	-2.3	13.4
240	11.8	-0.2	13.2
250	19.4	-7.5	13.1
280	15.2	8.3	12.7
300	6.6	4.0	12.3
320	-5.7	5.2	11.9
340	-14.2	5.9	11.6
360	-18.4	0.8	10.9
380	-18.2	-0.3	10.4
400	-12.1	13.0	9.5
450	-11.5	1.0	9.0
500	3.5	7.0	8.1
550	8.6	-9.6	7.6
600	5.3	-2.1	7.0
650	-2.0	-7.2	6.7
700	4.0	-2.0	6.0
750	8.2	2.3	5.5
800	-2.4	6.1	5.3
850	1.6	3.5	5.1
900	5.1	3.4	4.8
950	6.0	5.1	4.5
1000	10.9	4.6	4.3

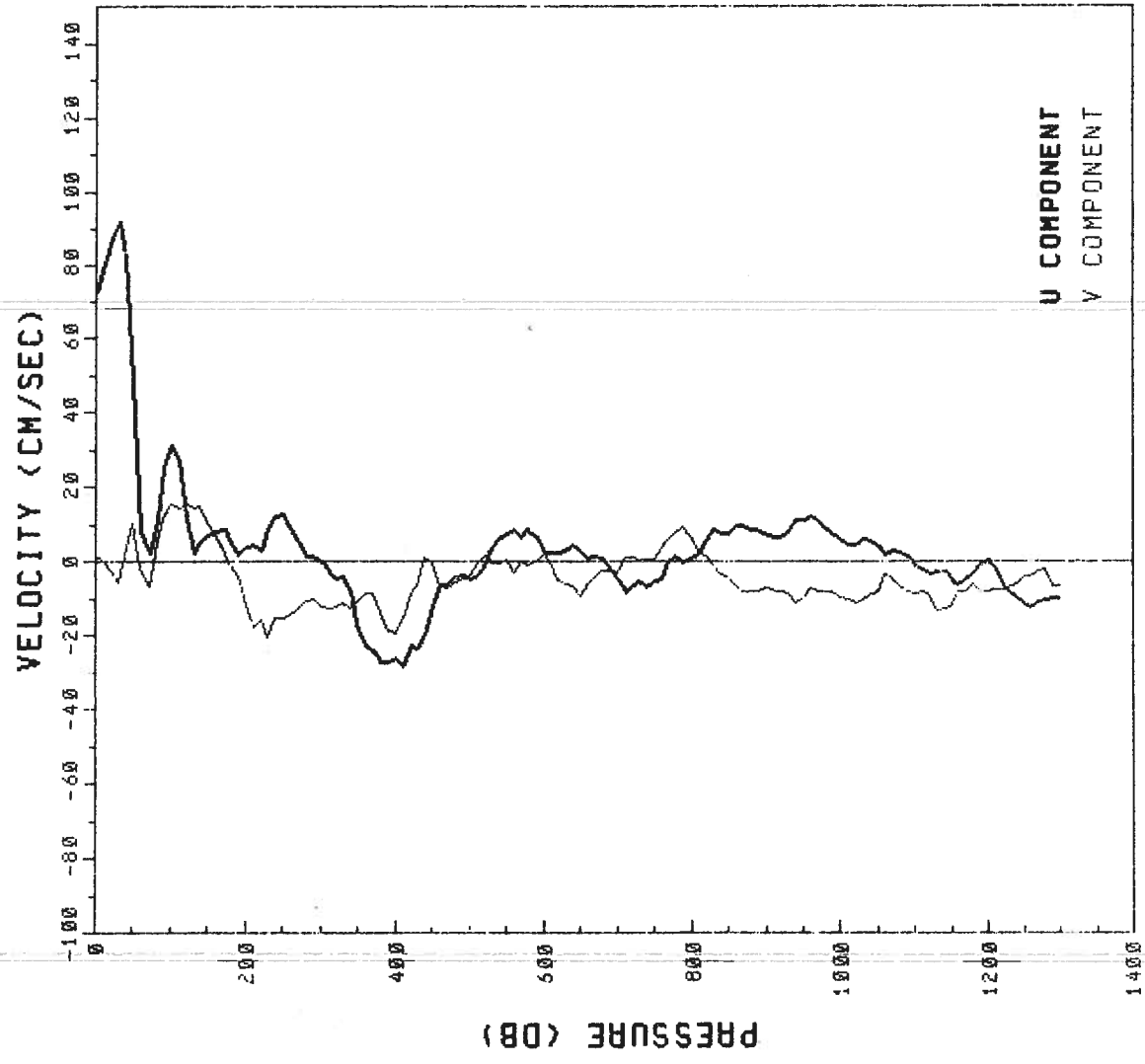
EP3-83-RS PEGASUS 8
 R/V RESEARCHER DATE 05 22 83 TIME 1330 Z
 LATITUDE 0.0 N LONGITUDE 85.0 W



PRESSURE	U	V	T
0	82.4	11.7	29.3
10	82.4	11.7	29.3
20	83.0	11.7	29.4
30	85.0	22.0	29.3
40	56.5	30.9	29.2
50	1.3	29.0	28.7
60	-26.9	21.2	27.3
70	-5.8	5.5	23.7
80	10.0	-1.4	22.7
90	13.0	2.2	21.1
100	10.9	6.1	19.9
110	5.2	10.3	19.0
120	2.9	16.5	17.3
130	4.9	12.6	16.4
140	9.2	1.7	15.8
150	10.8	0.2	15.3
160	8.0	1.8	15.0
170	9.6	-4.6	14.8
180	6.9	-5.1	14.7
190	4.0	-10.6	14.7
200	4.0	-10.4	14.6
220	15.0	-3.1	14.2
240	13.3	-2.9	13.7
260	20.4	-5.3	13.6
280	16.6	-1.7	13.6
300	3.6	2.8	13.4
320	3.6	4.5	13.2
340	-8.0	4.4	12.7
360	-23.3	-2.8	12.4
380	-4.5	-8.1	12.0
400	2.6	-13.1	11.0
450	5.3	-1.8	9.5
500	11.5	-7.8	8.5
600	10.1	-3.4	8.1
650	9.5	-7.9	7.4
700	6.5	-1.6	6.7
750	6.5	-0.5	6.5
800	4.6	2.2	5.9
850	5.2	3.5	5.6
900	6.5	4.3	5.4
950	7.2	-4.1	5.1
1000	5.4	2.8	4.6
1100	7.2	5.4	4.3
1200	2.4	3.3	3.8
1300	5.6	5.6	3.5
1400	3.1	-3.1	3.2

EP3-83-RS PEGASUS 9
 R/V RESEARCHER DATE 05 22 83
 LATITUDE 0.666 S LONGITUDE 85.0 W
 TIME 1910 Z

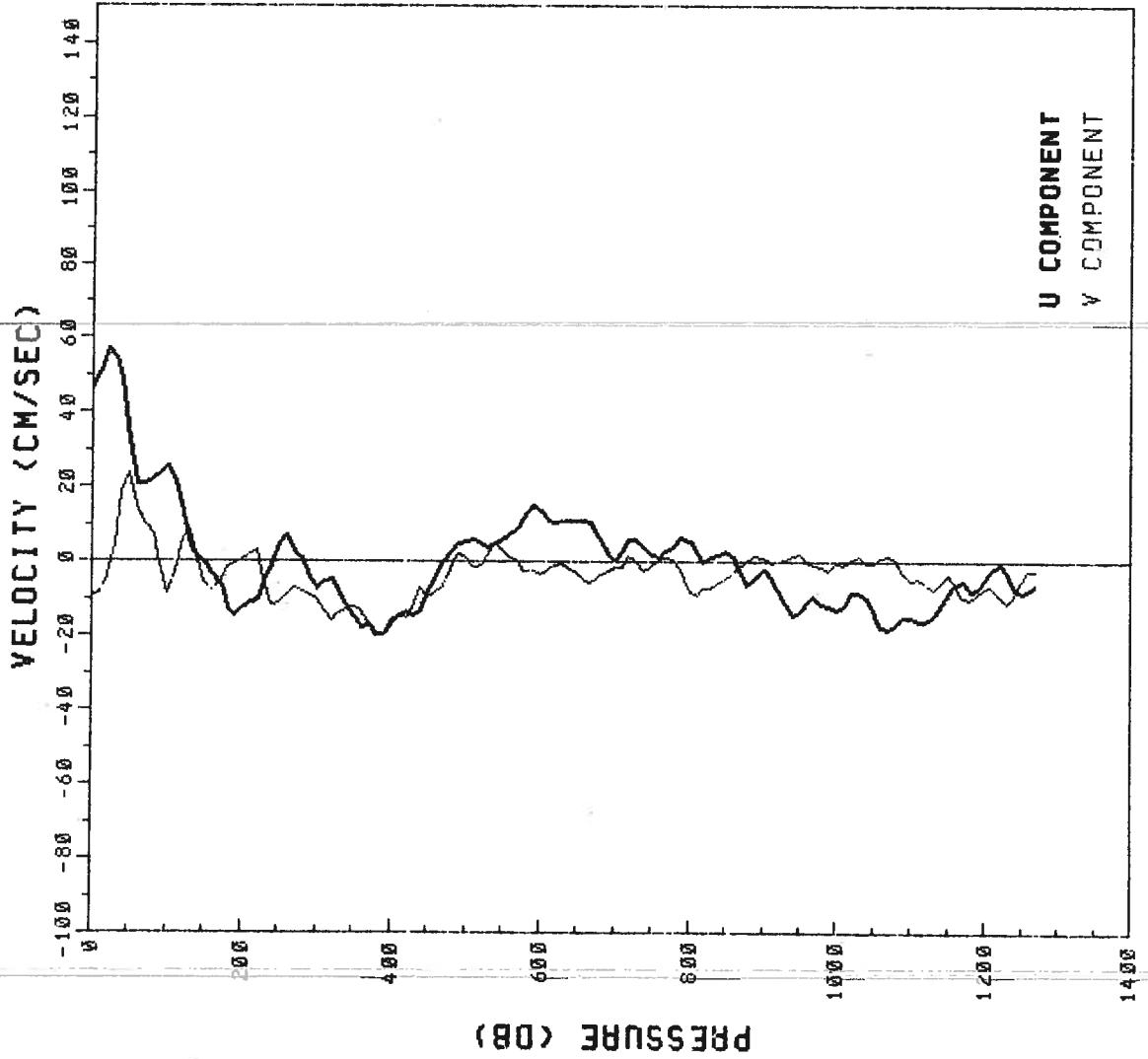
PRESSURE (DB)	U	V	T
0	73.0	2.1	29.3
10	80.7	0.0	29.2
20	87.3	-2.4	29.2
30	91.8	-5.4	28.9
40	82.5	1.4	28.4
50	48.4	10.2	26.7
60	8.5	-1.3	23.4
70	2.5	-6.3	21.9
80	11.2	5.5	20.5
90	25.5	12.4	18.9
100	31.9	15.7	18.1
110	27.7	14.6	16.8
120	12.5	15.9	15.6
130	2.8	14.8	15.3
140	5.5	15.1	15.3
150	7.7	10.3	15.2
160	8.5	8.2	15.1
170	9.0	2.6	15.1
180	5.0	-3.5	14.8
190	2.6	-11.6	14.6
200	4.5	-15.7	14.6
220	3.7	-15.2	13.8
240	13.0	-14.0	13.6
260	9.1	-10.8	13.3
280	1.4	-12.9	12.5
300	0.0	-11.9	12.5
320	-4.4	-12.5	12.3
340	-8.3	-8.7	11.8
360	-22.2	-13.7	11.6
380	-26.8	-19.2	11.0
400	-25.8	-6.2	11.0
450	-11.9	-3.3	8.2
500	-4.1	0.8	7.4
550	7.9	2.4	7.1
600	2.9	-9.0	6.5
650	3.7	-2.6	6.0
700	-4.9	0.5	5.8
750	-4.7	6.5	5.4
800	1.2	-4.0	5.1
850	8.1	-6.7	5.0
900	7.6	-9.4	4.7
950	11.5	-9.6	4.4
1000	6.3	-0.9	3.9
1100	-0.9	-8.4	3.5
1200	0.5	-6.4	3.2
1300	-9.7		



U COMPONENT
 V COMPONENT

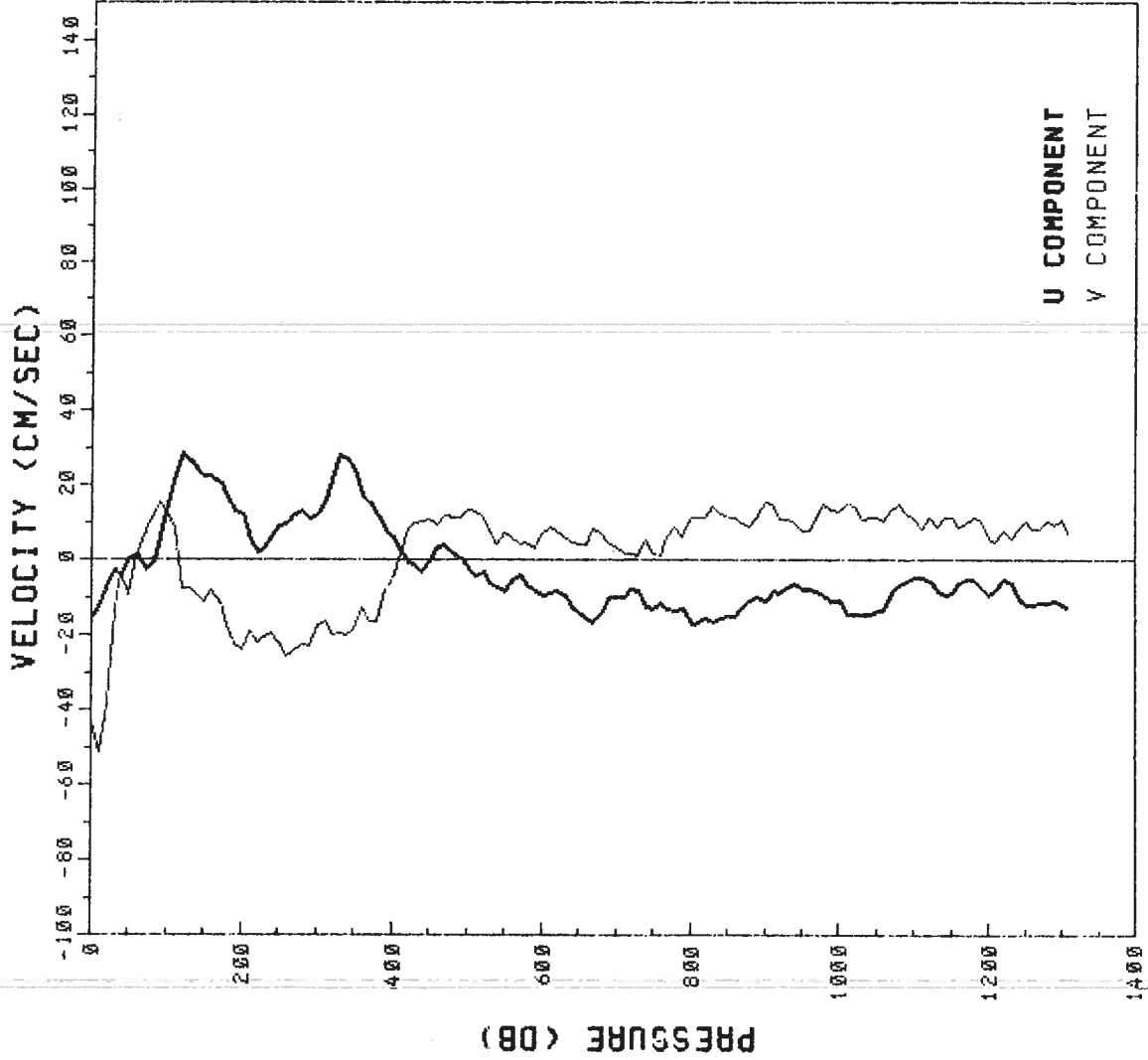
EP3-83-RS PEGASUS 10
 R/V RESEARCHER DATE 05 23 83
 LATITUDE 1.5 S LONGITUDE 85.0 W
 TIME 0420 Z

PRESSURE (DB)	U	V	T
0	46.9	-9.2	29.0
10	51.3	-6.8	29.0
20	57.3	-3.7	28.9
30	54.8	4.6	28.7
40	48.9	18.6	28.1
50	33.1	24.3	26.6
60	21.7	15.1	25.0
70	21.7	9.9	23.9
80	23.2	7.4	23.3
90	24.2	-1.0	21.1
100	25.8	-8.4	18.3
110	22.0	-2.6	17.6
120	13.4	6.7	17.0
130	4.3	8.7	16.4
140	1.4	2.5	16.0
150	4.4	-5.1	15.8
160	-3.3	-7.2	15.4
170	-6.4	-4.7	15.3
180	-11.9	-1.4	15.2
190	-13.8	-0.5	15.0
200	-12.1	0.6	14.6
220	-10.3	3.4	14.3
240	-0.8	-11.6	14.0
260	7.5	-9.3	13.8
280	1.2	-7.8	13.6
300	-6.8	-10.1	12.9
320	-4.0	-15.5	12.3
340	-11.5	-12.3	11.9
360	-16.9	-13.0	11.4
380	-19.6	-19.8	11.1
400	-15.9	-15.6	10.2
450	-7.2	-9.6	9.3
500	6.0	1.3	8.1
550	6.6	3.6	7.6
600	14.2	-3.1	7.1
650	11.4	-2.9	6.7
700	0.5	-1.5	6.2
750	2.4	-0.9	5.7
800	5.9	-7.8	5.4
850	3.5	-4.0	5.2
900	-2.0	1.3	4.8
950	-13.2	2.5	4.3
1000	-12.7	-0.5	4.3
1100	-14.4	-4.6	3.9
1200	-4.4	-6.7	3.5



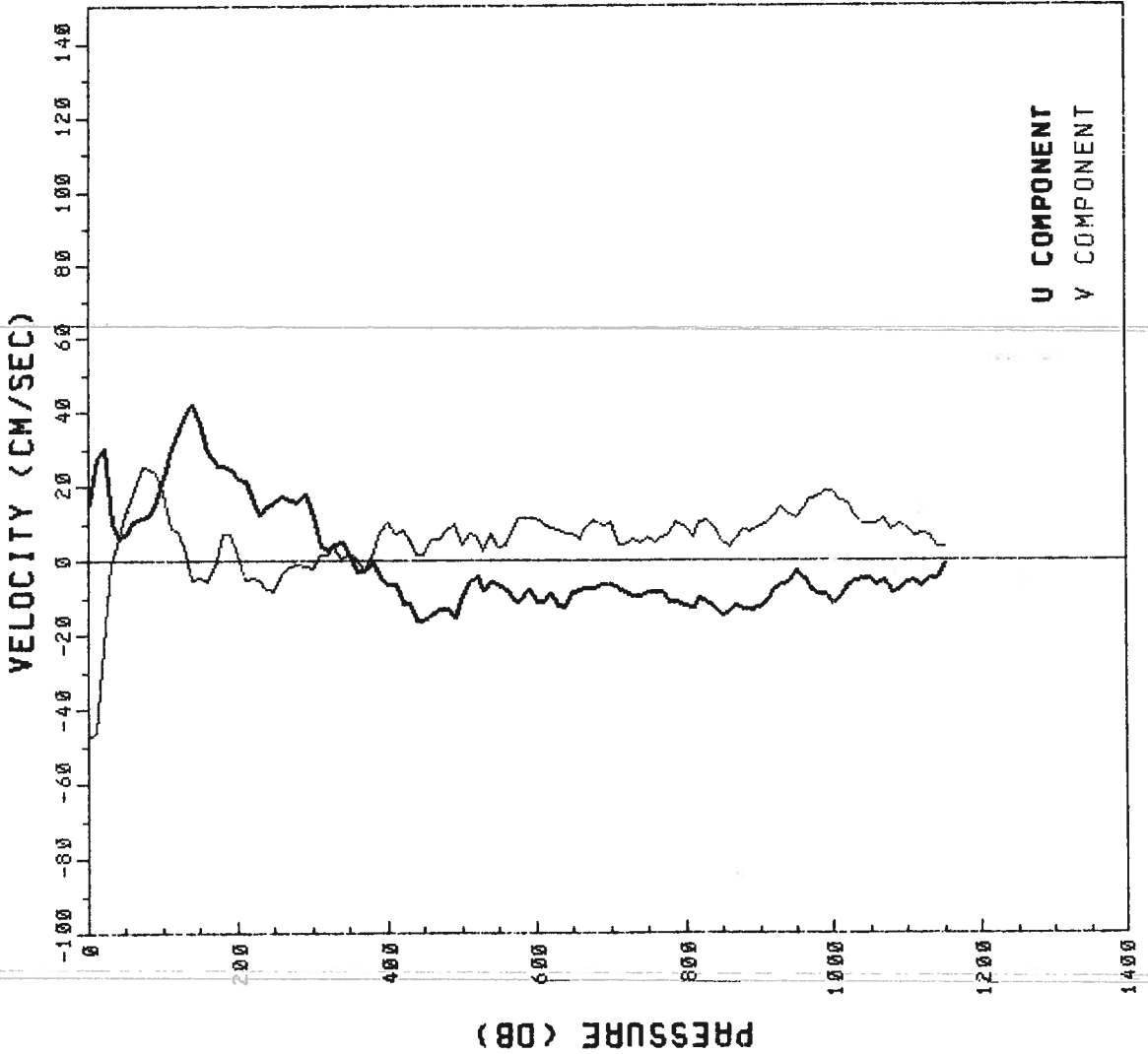
EP3-83-RS PEGASUS 11
 R/V RESEARCHER DATE 05 23 83
 LATITUDE 2.516 S LONGITUDE 85.167 W
 TIME 0420 Z

U	V	T
-15.2	-43.5	28.6
-11.4	-51.1	28.7
-5.6	-38.2	27.8
-2.3	-13.2	26.4
-3.7	-3.2	25.3
0.7	-9.0	24.2
1.4	0.9	23.4
-2.3	8.0	22.7
-0.4	12.5	21.7
6.5	15.6	20.7
15.1	13.3	19.4
23.0	8.9	17.9
28.8	-7.3	17.0
26.9	-7.2	16.4
25.2	-9.2	16.0
23.1	-11.3	15.5
22.9	-8.1	15.3
20.6	-11.7	15.1
17.0	-17.0	14.9
19.0	-22.3	14.6
13.6	-23.7	14.3
13.1	-21.9	13.7
2.4	-19.2	13.1
6.4	-25.2	12.6
10.1	-22.1	12.2
13.8	-16.8	12.0
20.0	-19.7	11.5
23.8	-19.9	10.9
27.6	-12.5	10.4
36.0	-12.5	10.2
38.0	12.5	9.7
40.0	6.7	8.7
45.0	-0.2	8.7
50.0	-1.6	7.9
55.0	-8.1	7.3
60.0	-9.1	6.8
65.0	-13.6	6.4
70.0	-9.7	6.1
75.0	-12.6	5.6
80.0	2.1	5.3
85.0	11.2	5.1
90.0	12.1	4.8
95.0	16.0	4.6
100.0	-7.2	4.3
110.0	10.5	4.0
120.0	-4.4	4.0
130.0	11.1	3.6
140.0	-9.2	3.3
150.0	-11.6	3.3



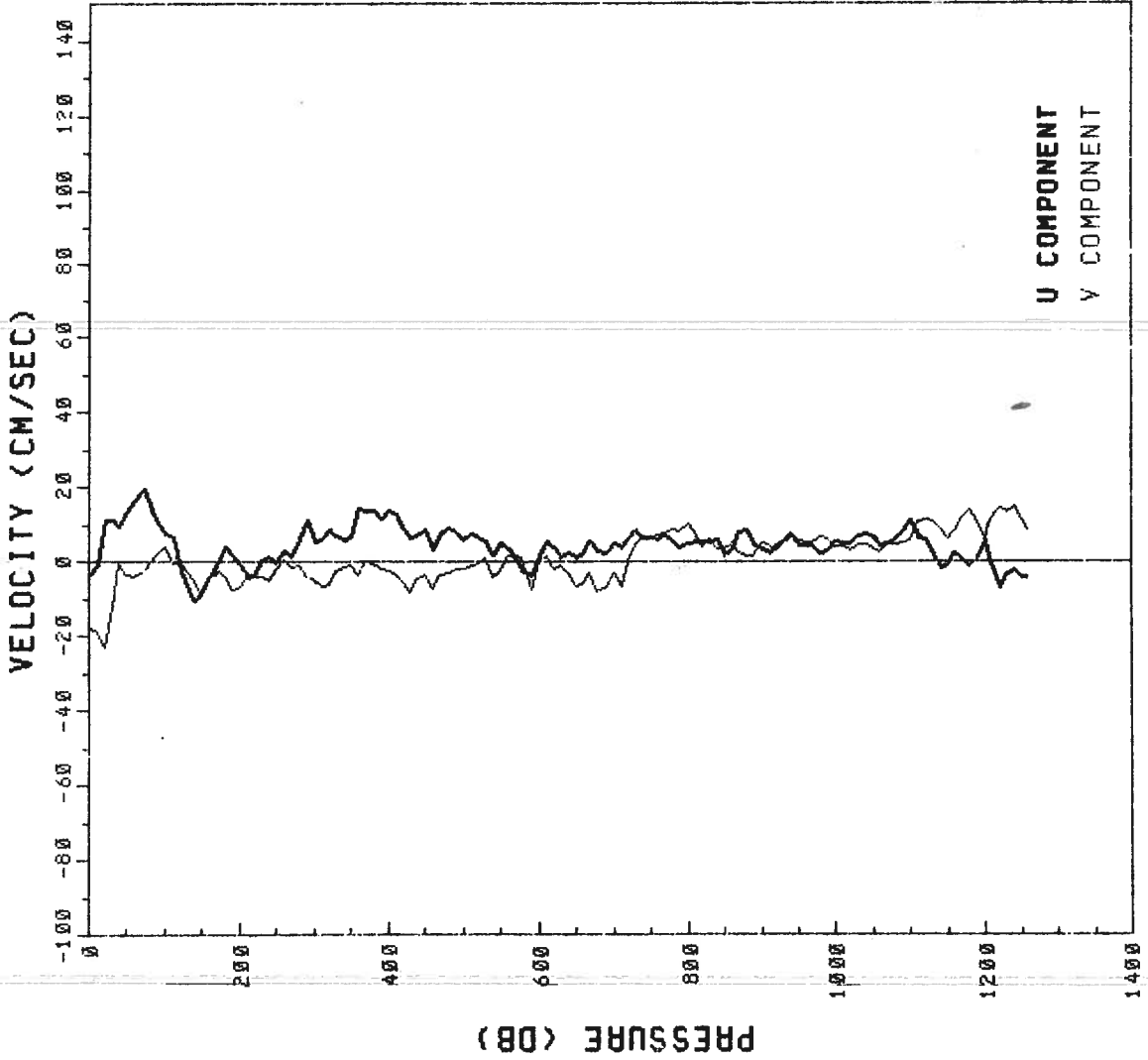
EP3-83-RS PEGASUS 12
 R/V RESEARCHER DATE 05 24 83 TIME 0146 Z
 LATITUDE 3.5 S LONGITUDE 85.0 W

PRESSURE (DB)	U	V	T
0	15.8	-47.9	28.7
10	28.2	-45.8	28.3
20	30.5	-22.8	26.7
30	10.6	-0.9	25.6
40	7.0	4.6	24.9
50	7.5	13.1	24.0
60	10.9	18.3	22.9
70	12.4	25.6	22.2
80	13.4	25.1	21.5
90	16.8	24.0	20.8
100	22.9	18.8	19.9
110	30.3	8.9	18.0
120	35.8	8.0	16.6
130	40.4	2.4	16.0
140	42.8	-4.5	15.7
150	37.5	-4.1	15.5
160	29.3	-5.4	15.1
170	26.0	0.1	14.7
180	26.1	7.5	14.4
190	25.3	7.4	14.0
200	22.6	2.3	13.8
220	16.3	-4.2	13.5
240	15.4	-7.1	13.4
260	17.5	-3.2	13.1
280	16.4	-1.0	12.7
300	12.5	-1.9	12.1
320	3.7	2.0	11.5
340	5.6	0.5	10.9
360	-2.5	0.6	10.6
380	-0.3	1.2	9.8
400	-5.9	10.3	9.3
450	-15.6	2.3	8.6
500	-9.2	4.4	8.1
550	-5.9	3.9	7.6
600	-10.6	11.5	7.1
650	-7.9	7.6	6.8
700	-5.5	10.4	6.4
750	-7.9	6.3	5.9
800	-11.5	8.8	5.5
850	-13.9	5.6	5.2
900	-12.2	9.6	4.9
950	-2.4	11.6	4.7
1000	-11.0	18.5	4.5
1100	-5.2	8.9	4.0



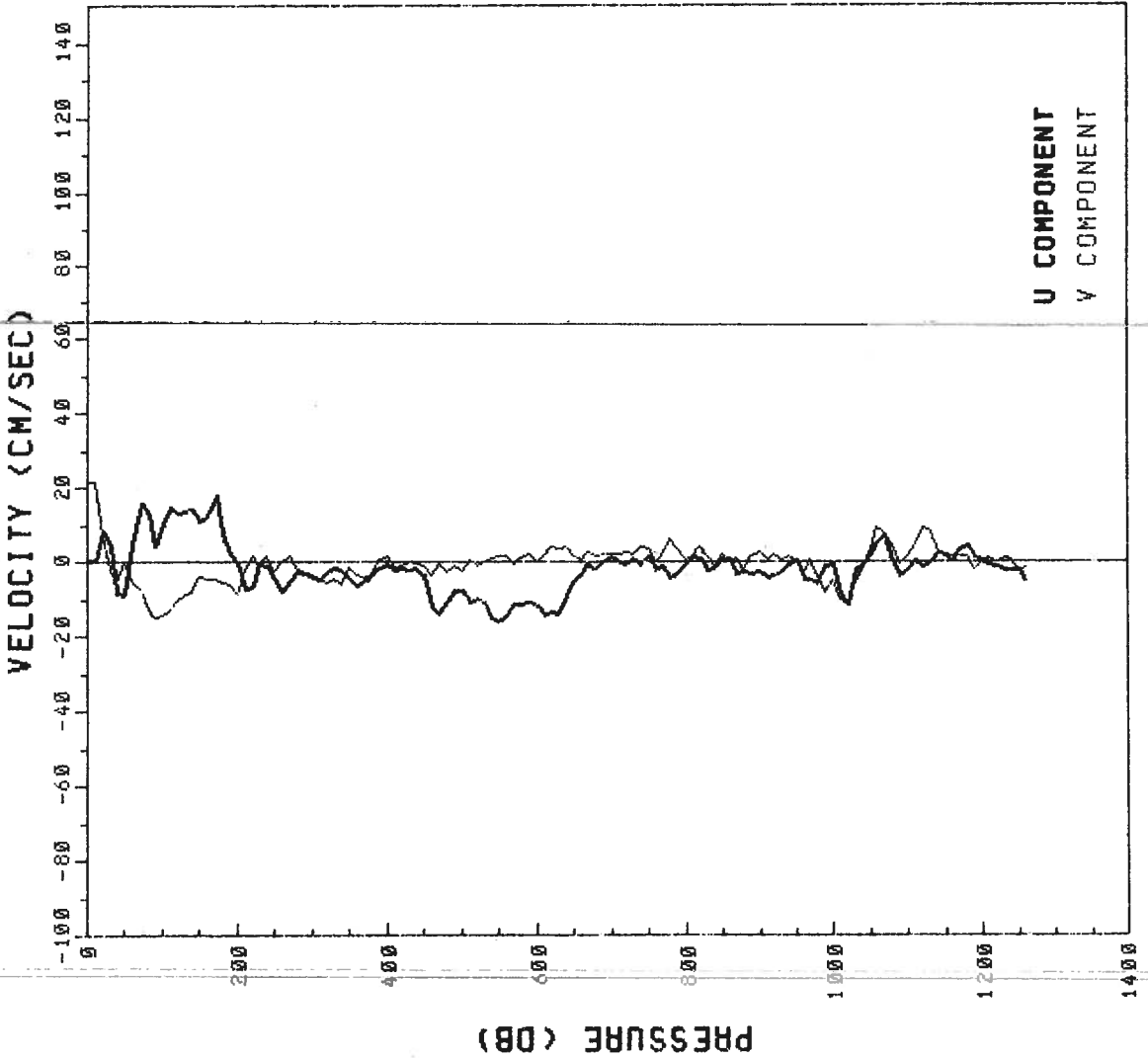
EP3-83-RS PEGASUS 14
 R/V RESEARCHER DATE 05 24 83
 LATITUDE 4.50 S LONGITUDE 85.0 W
 TIME 1450 Z

0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200											
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



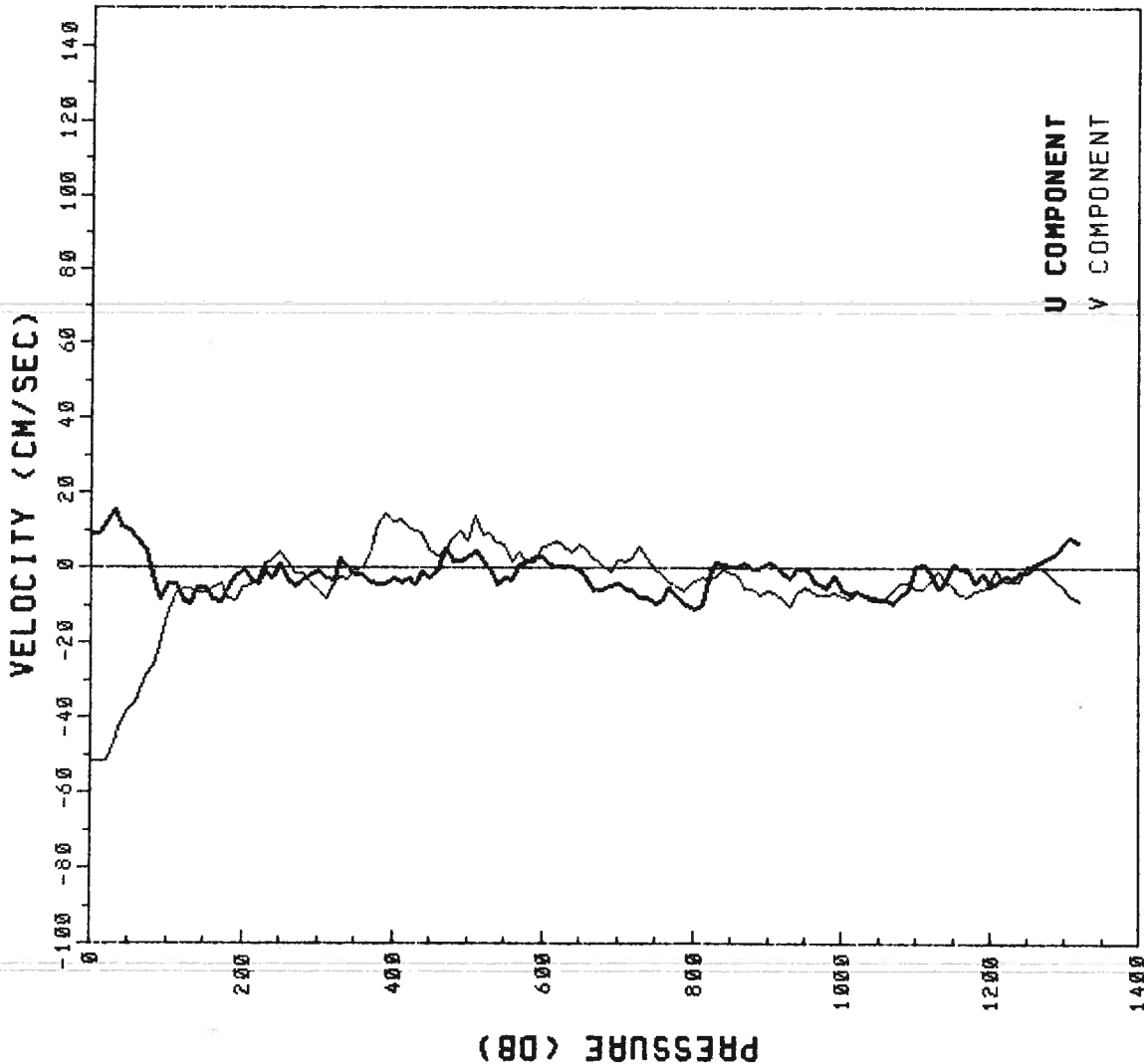
EP3-83-RS PEGASUS 17
 R/V RESEARCHER DATE 05 26 83 TIME 0100 Z
 LATITUDE 5.0 S LONGITUDE 82.5 W

PRESSURE	U	V	T
0	0.6	22.3	29.1
10	0.6	22.3	29.1
20	8.5	7.6	29.1
30	4.9	-1.7	28.9
40	-8.0	-5.3	27.8
50	-8.7	0.4	26.9
60	4.9	-4.6	26.8
70	16.4	-7.4	26.7
80	13.3	-12.5	25.7
90	4.4	-14.5	23.8
100	10.2	-13.9	23.1
110	15.3	-12.7	22.2
120	13.8	-10.0	21.0
130	14.3	-8.4	19.8
140	14.9	-7.9	18.8
150	11.9	-3.8	17.9
160	12.8	-4.3	17.6
170	18.0	-4.3	17.0
180	7.9	-5.0	15.9
190	2.7	-5.5	15.4
200	-0.3	-8.4	14.9
220	-6.4	2.1	14.4
240	-0.6	2.2	14.1
260	-8.0	0.3	13.9
280	-2.3	-1.6	13.6
300	-3.5	-3.3	13.2
320	-2.5	-3.2	12.6
340	-1.8	-5.8	12.2
360	-5.8	-3.3	11.8
380	-3.2	-3.0	11.3
400	-0.1	1.7	10.9
450	-3.3	-0.8	9.4
500	-7.4	-2.2	8.2
550	-15.6	2.1	7.6
600	-11.5	0.1	6.9
650	-4.5	2.1	6.5
700	2.2	2.6	6.1
750	1.9	4.3	5.8
800	-0.4	0.5	5.6
850	-1.0	2.4	5.3
900	-2.2	2.9	5.0
950	0.7	0.3	4.7
1000	-0.2	-4.7	4.6
1100	-1.8	2.1	4.1
1200	0.7	0.3	3.6



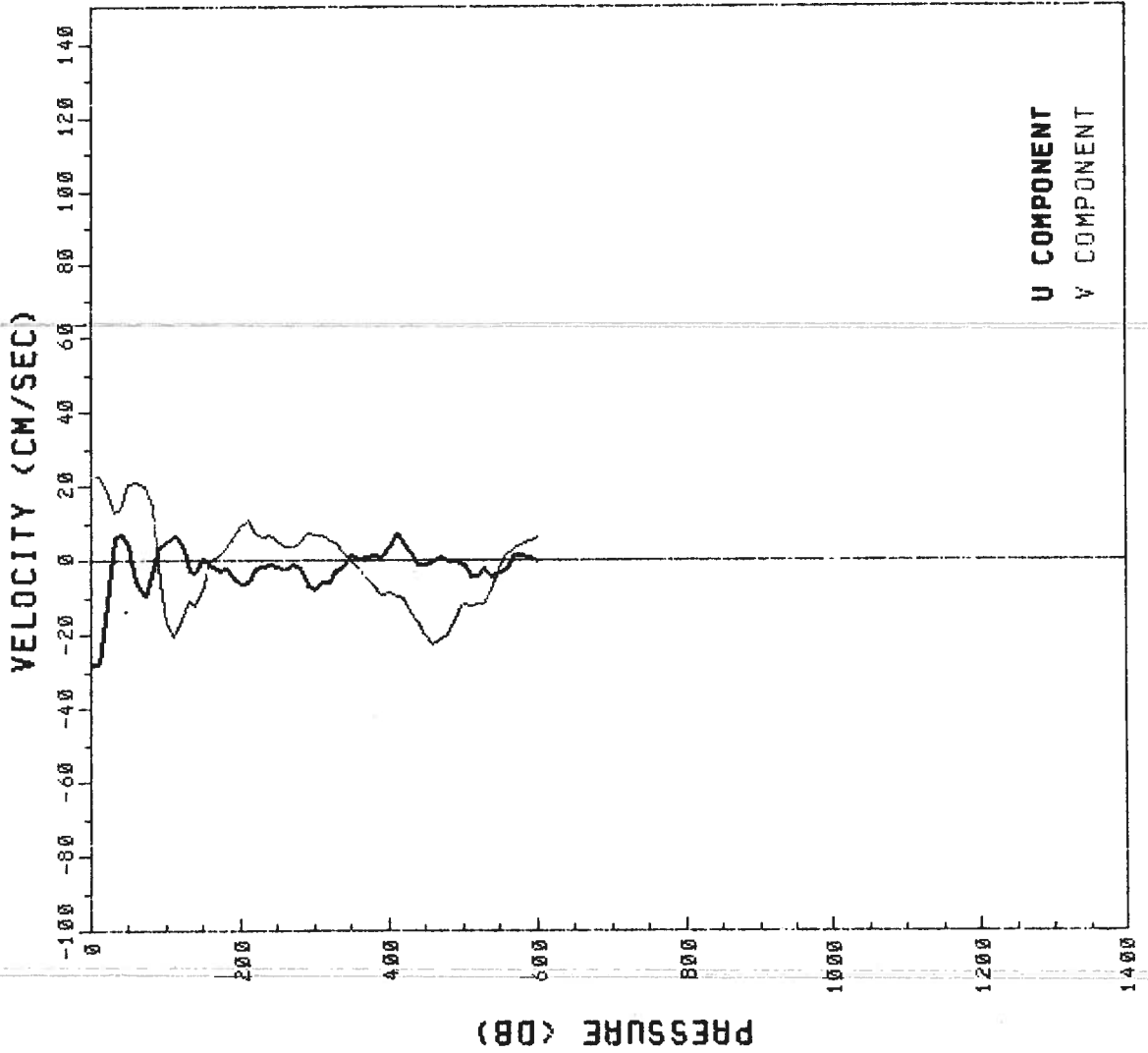
EP3-83-RS PEGASUS 18
 R/V RESEARCHER DATE 05 26 83
 LATITUDE 5.0 S LONGITUDE 83.5 W
 TIME 0924 Z

PRESSURE (DB)	U	V	T
0	9.4	-51.5	28.5
10	9.4	-51.5	28.5
20	12.9	-51.4	28.5
30	15.7	-46.3	28.1
40	11.3	-41.2	26.8
50	10.6	-37.8	26.0
60	7.8	-35.3	25.6
70	5.2	-28.7	25.0
80	-3.2	-25.9	24.2
90	-8.7	-21.0	23.5
100	-3.8	-12.5	22.2
110	-3.8	-6.7	21.0
120	-8.6	-5.4	19.9
130	-9.2	-5.4	18.7
140	-4.9	-6.3	17.8
150	-4.6	-6.3	17.0
160	-7.5	-5.1	16.6
170	-8.4	-3.5	16.1
180	-4.9	-7.5	15.9
190	-1.9	-6.8	15.4
200	-0.3	-4.5	15.1
220	-3.5	-3.0	14.7
240	-2.5	2.5	14.1
260	-2.9	2.0	13.6
280	-2.8	-1.2	13.2
300	-0.2	-5.9	12.6
320	-2.7	-4.1	12.4
340	0.7	-2.8	11.8
360	-1.2	0.2	11.3
380	-3.6	11.3	10.7
400	-2.4	13.1	10.4
450	-2.1	5.1	9.0
500	3.7	7.7	8.2
550	-2.2	6.3	7.7
600	3.7	6.0	7.3
650	-0.5	6.6	6.8
700	-3.3	2.7	6.4
750	-9.1	-0.2	5.9
800	-10.7	-3.2	5.6
850	0.5	-1.1	5.2
900	2.1	-5.8	4.9
950	0.3	-4.6	4.6
1000	-5.4	-7.1	4.4
1100	0.8	-5.2	4.1
1180	0.8	-4.2	3.7
1200	-4.3	-4.6	3.4
1300	7.1	-4.6	3.4



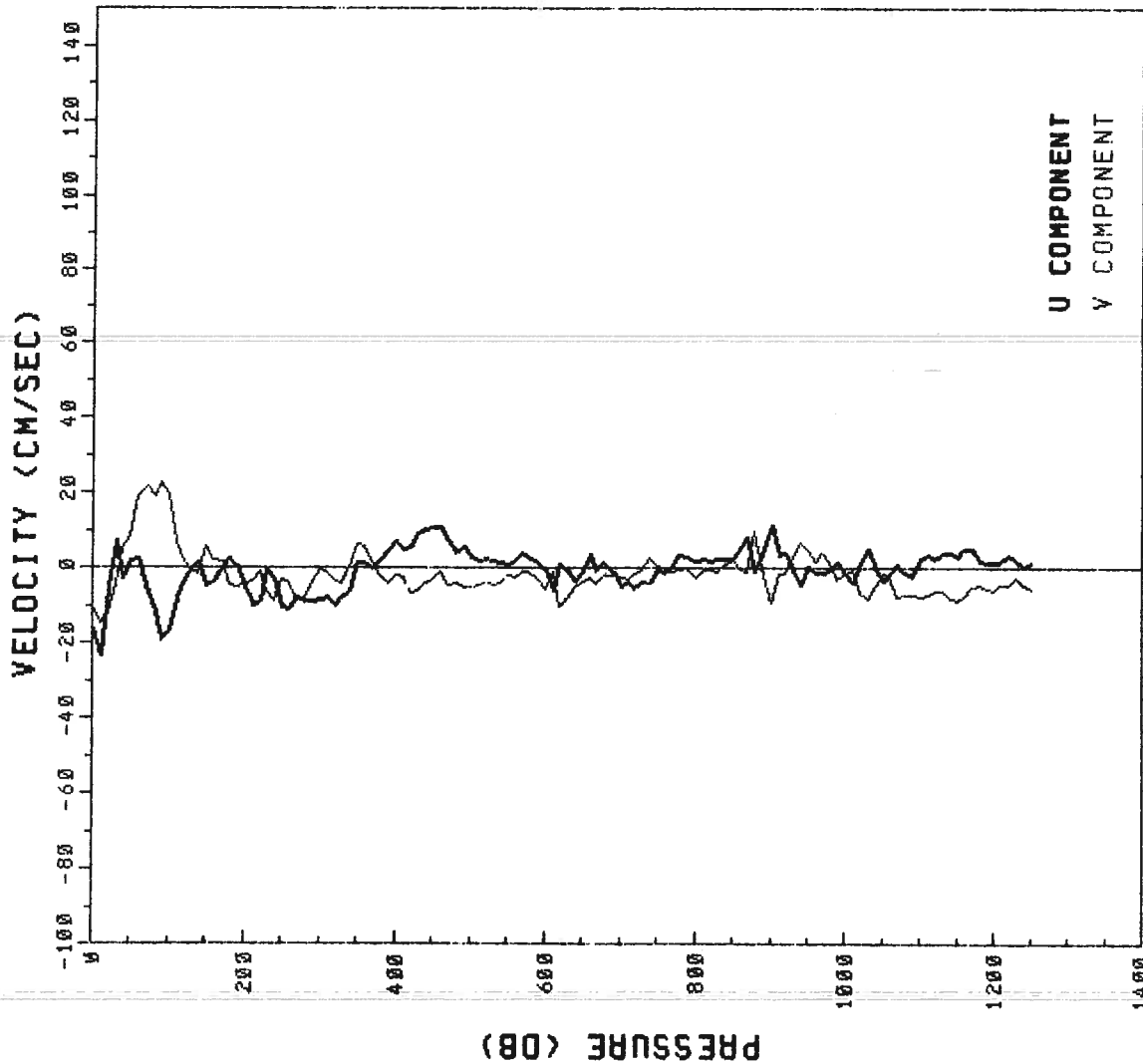
EP3-83-RS PEGASUS 15
 R/V RESEARCHER DATE 05 25 83 TIME 1255 Z
 LATITUDE 5.0 S LONGITUDE 81.533 W

PRESSURE	U	V	T
0	-27.1	23.3	29.4
10	-27.1	23.3	29.4
20	-11.8	19.4	29.4
30	6.7	13.2	29.4
40	7.3	14.5	29.3
50	4.5	20.7	29.1
60	-5.0	21.4	28.7
70	-9.4	20.4	27.8
80	-2.0	14.9	26.8
90	4.1	-1.4	25.1
100	5.7	-16.4	22.8
110	7.2	-20.4	21.5
120	4.4	-15.7	20.2
130	-2.2	-10.4	19.3
140	-2.8	-11.9	18.2
150	0.5	-7.8	17.0
160	0.6	-0.4	16.0
170	-2.1	1.7	15.3
180	-1.6	3.7	14.9
190	-4.1	6.3	14.5
200	-5.7	9.3	14.3
220	-2.0	7.6	13.9
240	-0.6	7.2	13.6
260	-2.5	3.9	13.3
280	-1.9	4.9	13.0
300	-7.0	7.2	12.6
320	-5.0	5.7	12.4
340	-1.2	2.8	12.1
360	0.7	-1.8	11.7
380	2.1	-6.1	11.1
400	4.0	-8.8	10.5
450	-0.8	-20.1	9.1
500	-1.0	-11.8	8.6
550	-2.6	-2.3	7.9
600	0.2	6.3	7.1



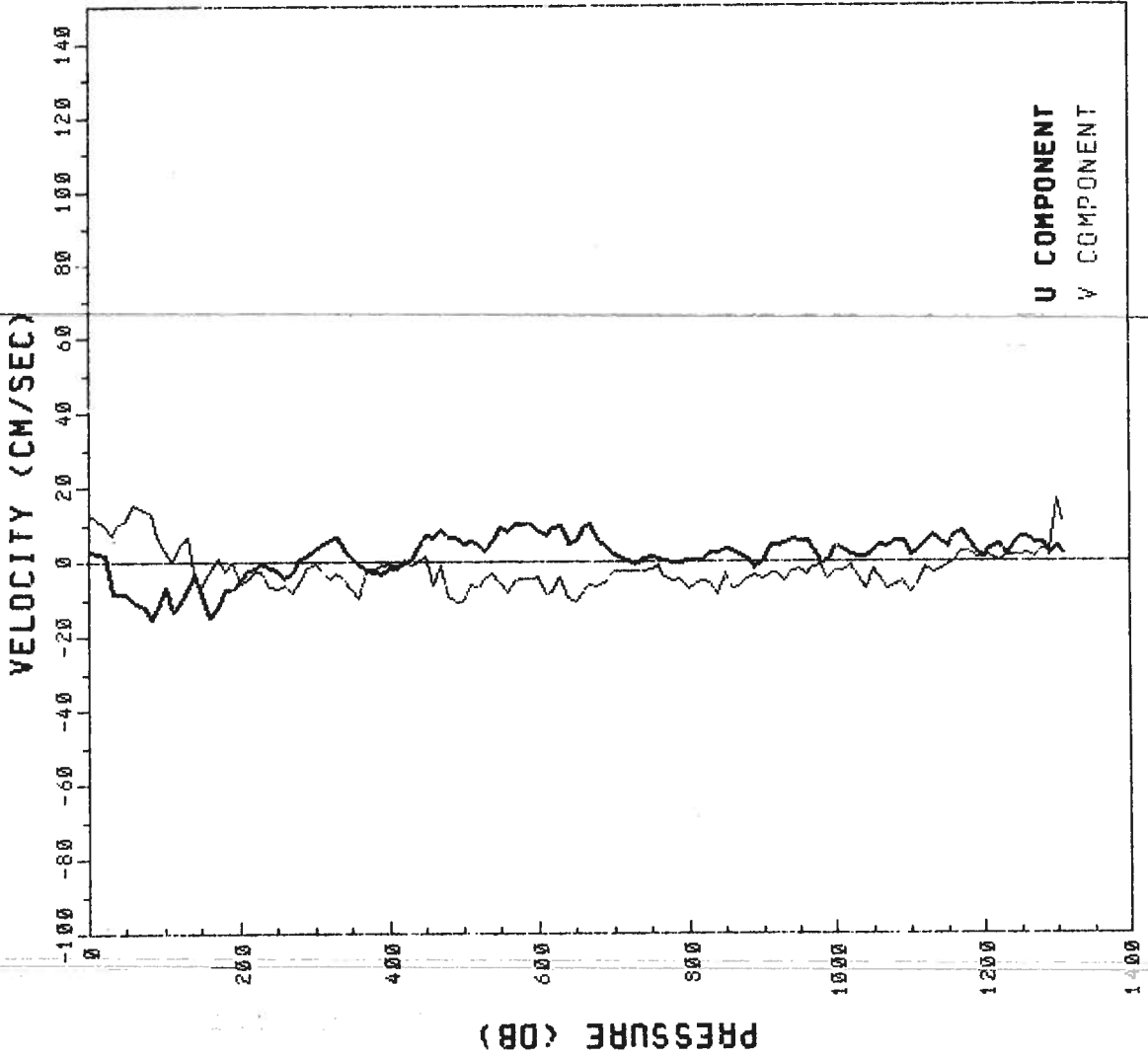
U COMPONENT
 V COMPONENT

EP3-83-RS PEGASUS 16
 R/V RESEARCHER DATE 05 25 83
 LATITUDE 5.166 S LONGITUDE 81.733 W
 TIME 1255 Z



PRESSURE	U	V	T
0	-16.0	-9.9	29.5
10	-23.2	-14.5	29.4
20	-5.1	-11.6	29.3
30	7.5	-4.0	28.8
40	-2.6	5.7	28.4
50	2.8	8.6	27.6
60	3.0	19.0	26.8
70	-6.0	22.3	26.4
80	-11.8	19.4	25.2
90	-18.7	23.1	23.6
100	-16.3	19.5	21.0
110	-8.2	6.8	18.2
120	-2.8	1.4	16.9
130	0.4	-0.4	16.4
140	1.5	-1.5	15.8
150	-4.4	-5.9	15.4
160	-3.3	2.4	15.0
170	0.6	1.6	14.7
180	3.0	-4.3	14.4
190	0.7	-4.5	14.1
200	-4.6	-3.9	14.0
220	-8.4	-1.0	13.7
240	-2.8	-8.4	13.2
260	-10.7	-3.8	12.9
280	-8.6	-7.9	12.6
300	-8.0	-0.5	12.2
320	-9.6	-3.1	11.6
340	-5.5	0.3	11.2
360	2.2	6.1	10.8
380	2.6	-1.8	10.5
400	7.7	-1.9	9.9
450	10.9	-2.6	8.6
500	3.7	-4.8	8.0
550	1.1	-1.8	7.6
600	-0.5	-5.4	7.2
650	-0.7	-3.3	6.7
700	-4.3	-2.3	6.3
750	-0.5	0.6	6.0
800	2.7	-2.4	5.7
850	2.9	-2.5	5.3
900	11.3	-8.9	5.0
950	0.7	4.9	4.7
1000	-1.2	-1.4	4.5
1100	2.9	-7.1	3.9
1200	2.0	-5.9	3.6

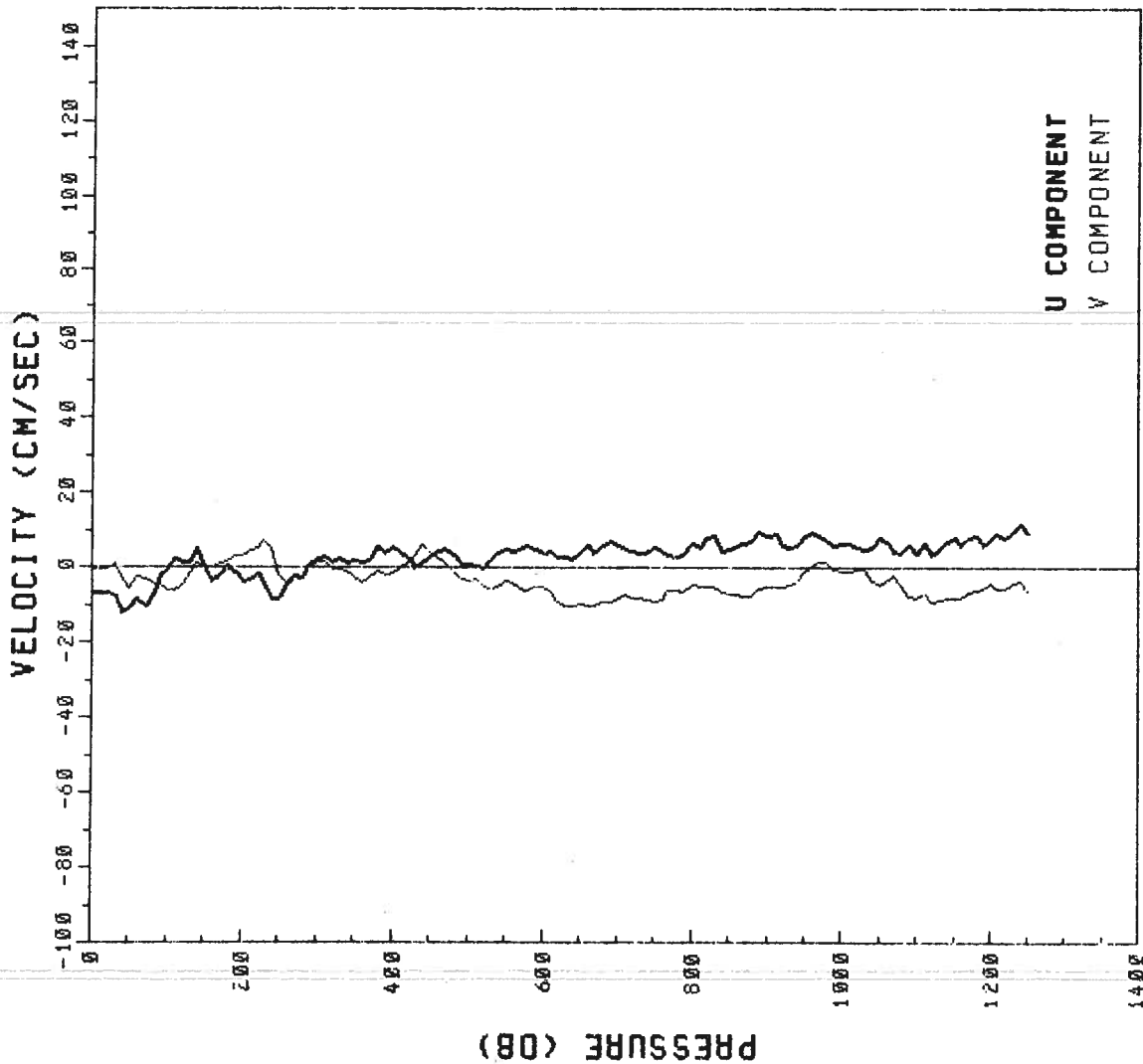
EP3-83-RS PEGASUS 19
 R/V RESEARCHER DATE 05 30 83
 LATITUDE 10.333 S LONGITUDE 79.5 W
 TIME 1015 Z



PRESSURE	U	V	T
0	3.6	13.3	26.6
10	3.3	11.6	26.6
20	2.5	10.0	26.6
30	-7.7	7.6	26.6
40	-7.9	10.3	26.6
50	-7.5	11.2	26.3
60	-9.9	15.9	24.6
70	-11.6	14.3	23.6
80	-14.8	13.5	22.8
90	-11.9	7.6	21.8
100	-6.4	3.4	20.5
110	-12.9	0.4	19.6
120	-10.8	5.2	18.6
130	-6.2	0.8	17.4
140	-2.9	-1.7	16.2
150	-8.8	-6.5	15.6
160	-14.3	-2.0	15.0
170	-11.3	1.0	14.6
180	-6.9	-2.1	14.5
190	-6.7	0.1	14.1
200	-4.4	-5.4	13.8
220	-1.4	-2.4	13.3
240	-1.3	-5.0	12.9
260	-3.7	-5.9	12.6
280	1.2	-4.7	11.9
300	4.1	-0.5	11.5
320	6.6	-4.1	11.4
340	4.2	-4.3	11.1
360	-0.3	-9.3	10.7
380	-2.3	-1.9	10.2
400	-1.5	-0.4	10.0
450	7.6	1.9	9.2
500	5.7	-10.5	8.2
550	9.4	-5.3	7.3
600	8.4	-3.6	6.6
650	5.9	-10.6	6.3
700	2.6	-2.2	6.1
750	1.4	-1.6	5.7
800	0.7	-6.5	5.3
850	4.0	-2.9	5.0
900	0.6	-4.0	4.8
950	6.2	-2.0	4.5
1000	4.7	-2.2	4.3
1100	2.6	-7.7	3.9
1200	2.1	1.3	3.5
1300	4.5	16.8	3.2

EP3-83-RS PEGASUS 20
 R/V RESEARCHER DATE 05 30 83
 LATITUDE 10.217 S LONGITUDE 79.3 W
 TIME 1344 Z

PRESSURE (DB)	U	V	T
0	-6.4	-0.5	26.8
10	-6.4	-0.5	26.8
20	-6.4	-0.5	26.8
30	-7.1	1.0	26.8
40	-11.7	-2.4	26.7
50	-10.7	-5.2	26.7
60	-7.7	-2.3	26.7
70	-10.2	-2.7	26.0
80	-6.0	-4.0	24.2
90	-1.8	-4.4	23.3
100	-0.5	-5.5	22.1
110	2.9	-5.9	21.1
120	2.1	-4.0	20.3
130	1.6	-1.3	19.5
140	5.4	1.1	18.1
150	0.3	0.3	16.7
160	-3.1	0.4	15.8
170	-1.1	0.9	15.1
180	0.6	1.8	14.6
190	-0.7	3.6	14.4
200	-3.2	3.7	14.1
220	-1.4	5.7	13.7
240	-8.2	5.6	13.2
260	-4.1	-3.8	12.8
280	-2.7	-2.5	12.5
300	3.3	1.8	12.2
320	1.6	-0.1	11.7
340	2.3	-0.8	11.4
360	2.3	-3.9	11.1
380	5.8	-0.7	10.8
400	5.9	-1.1	10.6
450	3.4	4.4	9.3
500	1.2	-3.1	8.3
550	5.5	-3.3	7.6
600	4.6	-4.9	6.9
650	4.6	-9.5	6.4
700	6.7	-7.5	6.0
750	6.0	-9.1	5.7
800	6.8	-4.4	5.4
850	5.4	-6.5	5.1
900	9.0	-4.7	4.7
950	8.9	-0.9	4.6
1000	6.8	-1.0	4.3
1100	4.2	-7.7	4.0
1200	8.2	-3.9	3.5



U COMPONENT
 V COMPONENT

EP3-83-RS PEGASUS 21
 R/V RESEARCHER DATE 05 30 83 TIME 1719 Z
 LATITUDE 10.01 S LONGITUDE 79.01 W

PRESSURE	U	V	T
0			
10	-23.0	-1.2	27.0
20	-23.0	-1.2	27.0
30	-14.6	-3.2	26.9
40	-13.6	-3.5	26.9
50	-15.1	-5.3	26.9
60	-14.8	-7.9	26.9
70	-12.8	-10.5	26.5
80	-10.1	-10.9	25.4
90	-6.4	-12.2	24.3
100	-2.5	-15.4	23.3
110	-0.1	-15.0	22.5
120	0.0	-9.8	21.5
130	0.7	-7.0	20.9
140	2.8	-2.9	19.9
150	7.0	0.1	18.2
160	5.5	-3.4	17.2
170	3.1	-7.3	16.2
180	4.7	-8.6	15.4
190	6.3	-7.8	14.9
200	4.2	-7.7	14.6
220	3.3	-6.0	14.4
240	1.6	-4.5	14.0
260	1.2	-6.1	13.7
280	-2.1	-3.5	13.2
300	-3.6	-4.8	12.8
320	-4.9	-4.8	12.4
340	-1.9	-2.5	11.9
360	-2.6	1.9	11.6
380	-5.8	1.6	11.1
400	-2.8	1.3	10.7
450	-3.5	0.9	10.3
500	0.3	-4.3	9.2
550	6.2	-4.6	8.3
580	7.0	-4.5	7.6
600	4.9	3.5	7.1

