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PEL 8

**OTWAY BASIN** 

# 1971 O71A SEISMIC SURVEY FINAL REPORT

Submitted by

Esso Standard Oil (Australia) Ltd. 1971

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## DEPARTMENT OF MINES AND ENERGY

SOUTH AUSTRALIA



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## CONTENTS ENVELOPE 1687

TENEMENT: P.E.L. 8 - Otway Basin 071A.

TENEMENT HOLDER: Esso Standard Oil (Australia) Ltd.

Perm. Marker Locations. Enc. 4.

REPORT:	Final Report Period 2nd Feb. 1971 To 17th May 1971.	Pg. 3-28
	Final Subsidy Report 071A Land Seismic Survey July 1971.	Pgs. 29-50
	Post Pots.	Pgs. 51-123
PLANS:	Seismic Section 071A-2. Fig. 3.	1687–1
	Structure In Economic Basement PL. 1.	1687-2
	" On Pretty Hill Sandstone PL. 2.	1687-3
	Shot Point Map PL. 3.	1687-4
	Otway Basin 071A Shot Pt. Loc. Map.	1687-5
	Loop Closure - Horizontal Enc. 1.	1687-6
	" - Vertical " 2.	1687-7
	Noise Study Location. Enc. 3.	1687-8

FINAL REPORT

ESSO STANDARD OIL (AUSTRALIA) LTD.

071A

P.E.L. 8

BY

RAY GEOPHYSICS (AUSTRALIA) PTY. LTD.

#### CONTENTS

i g = 0

<u>Page</u> ABSTRACT 2 INTRODUCTION OPERATING CONDITIONS SURVEYING 11 FIELD RECORDING 16 COMPUTATIONS CONCLUSIONS AND RECOMMENDATIONS 17

## APPENDIX

FICURES 1 THROUGH 6

STATISTICAL DATA

## FIGURES 1.

Patch Diagram (small) Patch Diagram (large)

Area Location

- Drop Segment (100 m.)
- Drop Segment (200 m.) 6. Noise Study

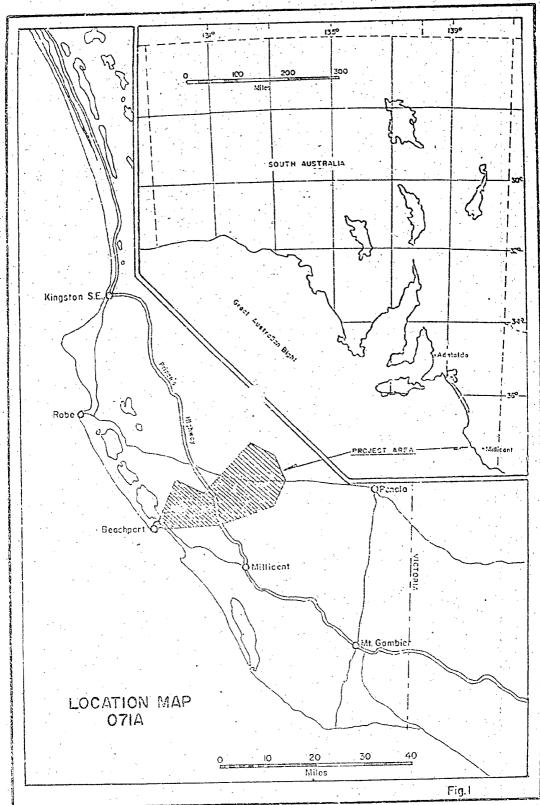
## ENCLOSURES

- Loop Closure Horizontal V 1.
  - 2. Noise Study Locations ./ 3.
  - Permanent Marker Locations

A seismic survey has been conducted by Ray Geophysics (Australia) Pty. Ltd., on behalf of Esso Standard Oil (Australia) Ltd., in P.E.L. 8, part of the Otway Basin in the south-east of South Australia.

Digital methods were employed using a 'SUM-IT' recorder to obtain a total coverage of 158.425 kilometers of six and twelve fold coverage.

The crew operated on a data acquisition basis only. Operations commenced on February 2, 1971 and were terminated due to inclement weather on May 17, 1971. A total of eighty per cent of the original program was completed.



#### INTROD 'CTION

A Seismic 'mbumper' Survey has been conducted in P.E.L. 8 of South Australia on behalf of Esso Standard Oil (Australia) Ltd., by Ray Geophysics (Australia) Pty. Ltd.

The objective of this survey was the acquisition of data for the purpose of evaluating petroleum prospects in that part of the Otway Basin to the north and west of the town of Millicent. South Australia. Field operations extended to Beachport in the west and to approximately twenty four miles north of Millicent. Headquarters for the crew throughout the project was in Millicent.

Digital recording techniques were employed using the Sum-It recording method. A total sub-surface coverage of 158.425 kilometers was obtained during the course of the survey. This comprised 69.950 kilometers of six fold coverage, 71.425 kilometers of twelve fold coverage and 17.050 kilometers of tapered coverage below six or twelve fold. An additional 8.328 kilometers of coverage from experimental work was accomplished.

Operations commenced on February 2, 1971 and were completed on May 17, 1971. A full statistical summary is presented with this report.

## OPERATING CONDITIONS

## Accessibility:

Access to the area was good. The nearest airport was at Mount Gambier, a distance of thirty-two miles from Millicent. Daily flights were scheduled by Airlines of South Australia both from Adelaide and Melbourne. Within the prospect area, a network of all-weather roads gave ready access to all parts of the program; many of these roads were sealed.

#### Terrain:

Surface conditions varied considerably through the area. The pastoral land which predominated was interspersed with several sandy ridges (ranges) covered with natural scrub. Large acreages on the higher ground to the north were planted with pines. In the south-west of the prospect area, near to the town of Beachport, much of the area was swampy with numerous peat bogs. With the exception of this part of the area, near surface Coastal Limestone with occasional outcrops was present over most of the area surveyed. An extensive network of dains covered the whole area. Wherever possible, lines were aligned to minimize the effect these drains might have had on the progress of the survey.

The south-eastern portion of South Australia is extensively farmed for both beef cattle and sheep. Many fences enclosing small paddocks caused considerable loss of time during the operations. Wherever access to the survey lines was not

## Terrain (cont.)

readily available, fences were cut with the permission of the farmers concerned and temporary gates fitted to facilitate line procedures. All such temporary gates were removed after completion of the work and fences restored to their original condition.

#### Dozing:

Dozing was restricted to a minimum. However, where the density of natural scrub prevented passage by line vehicles, permission was obtained from the landowner to doze an adequate passage through the trees. This work was carried out by a local contractor or by the farmers themselves.

#### Permitting:

Each landowner and occupier was contacted by the permit man. A 'Notice of Intent' to conduct the survey across the land was handed to each one and a signed copy was obtained signifying their approval. These copies together with an alphabetical card index of all farmers permitted are submitted to Esso Standard Oil (Australia) Ltd., with the survey data for the area.

All farmers were informed of their rights to compensation for any damage that might have been caused as a result of the operations. All damage claims involving financial compensation were discussed with the Esso representative in the field and a report submitted to his office for approval

## Permitting (cont.)

and payment. A number of smaller claims involving only repair or replacement of farm fittings were settled on the site.

## Weather Conditions:

During the first part of the survey, the weather was fair with little rain and moderate temperatures. However, during the latter part of April and in May, heavy rains throughout the area slowed production considerably and made farmers wary of allowing the crew's vehicles on their land. An estimated eight inches of rainfall occurred during the last four weeks of the survey. During this period, the crew was placed on standby for seven days in the hope that surface conditions might improve; more rain during this week prevented any improvement of the wet conditions.

#### SURVEYING

The ground survey in 071A was conducted with a K & E transit. All loops were closed where practical; otherwise lines were double run to insure accuracy. The survey tied all available survey control including triangulation stations and Esso Control points. Declination was determined by snooting between trig station "Furner" and trig station "Mt. Muirhead". After a declination for a true north bearing (of 90 East) was determined, a convergence angle of minus 00° 25' 35" was added to correct instruments to grid north.

Horizontal control was established by a base line between tri-stations "Elgin" and "Furner". From this control other lines were run and tied to other control points. Offshore Navigation Inc., had located con'rol points, numbers 1, 2, 3 and 4 in the prospect. An electronic instrument was used to locate these points by triangulation from first order survey points. Triangulation stations "Furner", "Mt. Muirhead" and "Bradley's Hill" were used.

All elevations were tied to the Department of Lands Survey. The maximum elevation was plus 53.14 meters at station 33, line 1, in the northeast co.ner of the project. The minimum elevation was plus 0.68 meters at station 1, line 14, the southwest corner of the project.

Horizontal and vertical control in the area was excellent, with many well-documented monuments

marked with the land descriptions. Permanent markers for this project are as shown on enclosed map, (Figure 4). A separate list of all markers with elevations, co-ordinates and description is also included. A loop closure map for traverse and a closure map for elevations are presented as Enclosures 1 and 2.

The first day of work for the survey crew was January 29, 1971, and the last day was May 17, 1971.

The base map for this project was supplied by Esso Standard Oil (Australia) Ltd.

#### LIST OF PERMANENT MARKERS

Description: Hardwood post, 15" x 4" x 4", set in ground 12" deep with metal identification plate affixed to top. A second plate is attached to nearest fence or fixture as a reference.

Liı	ne Sta.	Elev.	Co-ordinates(m) N E	Remarks	:
1	1	41.61	5865307.3 454754.0	Offset 26m. west on fence.	
ı	70 +	65m 36.96	5860442.3 449856.0	On fence alongside road.	
1	101	32.85	5858450.1 447517.4	On fence edge of road reserve	
1	141 +	35m 35.13	5855650.6 444611.8	On fence edge of drain, E.O.L.	•
2	5 +	30m 40.64	5870130.4 451590.2	On fence edge of trees	
. 2	74	34.97	5965365.6 446637.2	On fence edge of main road	(
2	97	34.26	5863766.6 445010.3	On fence edge of gravel road	
. 2	149	30.75	5860155.5 441269.3	Alongside Furner gravel road	
2	227	16.15	5854770.4 435671.2	On fence along gravel road	
2	287	14.83	5350575.1 431391.6	On fence along gravel road	
2	319	13.81	5848319.9 429122.0	On fence along gravel road, E.O.L.	
3	1	25.33	5861952.6 436504.5	On fence post at start of line	
. 3	45	31.99	5864698.5 439940.7	On fence on Furner gravel road	
- 3	102	34.90	5868617.2 444077.0	On fence in paddock by road reserve	
3	114	37.40	5869488.4 444901.8	On fence edge of gravel road	
4	1	13.21	5861722.8 427891.7	On fence	*
4	56	20.82	5865138.5 432203.6	On fence along bitumen road	
1			and the second s		

	Line	Sta.	Elev.	Co-ordinates(m) N E	Remarks	
	4	87 - 13m	25.55	5867012.2 434650.7	On fence along bitumen road	
	4	122	30.49	5869408.4 437206.7	On fence along gravel road	
	4	170	29.75	5972884.8 440512.8	On fence by track, beside BM 459	
٠.	5	8	29.75	5872884.8 440512.8	Common with Line 4, Sta. 170	1. 4 4.
	5	67	34.64	5868676.0 444643.0	On fence along gravel road	
	5	115 + 30m	35.61	5865332.1 448101.5	On fence along bitumen road	
	5	163 - 20m	37.66	5962215.8 451676.0	On fence, 20m intersection line 1	• • •
	5	172	39.44	5861569.7 452330.7	On fence at end of dozed line	
	5	21317m	43.85	5858834.5 455357.9	On fence at end of line extension	· · · · · · · · · · · · · · · · · · ·
	6	. 1	29.10	58711.20.9 436621.1	On fence edge of gravel road	9
	G	32	29.63	5869057.6 438933.9	On fence along drain track	
•	6	90	34.74	5865283.6 443351.3	On fence along gravel road	t
	6	170	34.13	5859717.7 449030.9	On fence along gravel road	•
	6	194	37.08	5857849.9 450537.5	On fence in paddock near bore	
	12	1	1.14	5858603.2 414035.5	On fence at start of line	
	. 12	26 - 20m	4.40	5857565.5 416288.1	On fence at intersection line 14	•
	12	49	39.84	5856614.8 418438.4	On first fence over canal	•
	12	74	29.26	5855837.0 420773.6	On fence in paddock	
	12	101	17.85	5854529.9 423137.3	On fenceedge of pine plantation	
	1:3	12	12.12	5859424.6 422142.6	On fence edge of road reserve	

olia) Pty. Lt

Ray Geophysics (Australia) Pty.

#### FIELD RECORDING

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For reflection recording a Digital Floating Point Sumit system with the following specifications was used:

#### System:

Floating Point Sumit, unit No. 24
with 32 multiplex: 24 data channels
6 auxiliary channels
2 scan code channels

#### Dynamic Range:

Better than 78db. S/N ratio: better than 0.25 mv.

#### Maximum Input Signal:

100 mv before excessive distortion (outside specifications).

## Input Impedance:

500 Ohms.

#### Line Control:

Built-in metering panel for instrument checks. Built-in test oscillator with 18, 27 or 36 Hz. Calibrated attenuator: 0 to -60 db. for setting up amplifiers.

Input monitoring system with 24 level meters for 24 channels.

## Weathering System:

The system used a separate LVL recorder and RL type amplifiers. Data is acquired

Weathering System (cont.)

0.16

simultaneously with reflected data.

#### Format:

Output tape format: EPR format, 9 track.

IBM compatible.

Tape: ½"width, computer compatible, 2400 feet per reel.

Packing density: 800 bits per inch.

Header information as desired.

A 26 channel D to  $\Lambda$  converter is built into the instruments.

#### Summation:

Data can be summed in the field as 1, 2, 4, 8, 16, 24, or 32 sums. When set up as a sum system, individual drops are not recoverable as such.

## Amplifiers:

SDA-1, ETL

Bandwidth: 5Hz to 125Hz Hz - 3db. Binary gain ranges from a minimum gain of 30 db, to a maximum gain of 120 db.

High cut filter: high cut is at  $62\frac{1}{2}$  Hz at 2 ms sample rate; normally no low cut filter is used with the thumper. Four positions of low cut filters are available if required. An S.I.E. FL-50D 50Hz notch filter was fitted prior to the commencement of operations. The filters are in the amplifiers. No filtering is available for field playback purposes.

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#### Camera:

Dry process, type SDW 100, 32 galvos, 6" paper. A normal monitor has 24 data channels with the timebreak on channel 25, and the 100 Hz sine wave on channel 26. Monitoring can be done from, 1) Amplifiers

- 2) Summing
- 3) Output

#### Trip Delay:

100 ms minimum to 1.2 second maximum in 12 steps. The range can be doubled to 200 ms - 2.4 seconds. The trip delay is ganged for two channels.

#### Record Length:

A record length of six seconds was used at the outset of the survey. This was later changed following instructions from the client on March 3, 1971, at drop segment 1194, Line 14 to a four second record length.

#### Geophones:

EVS-2B 14Hz geophones were used in multiple arrays. After initial experimentation in which a number of geophone arrays were compared, a 72 phone half-feather configuration was adopted as the most suitable. Dimensions of this patch which comprised six strings of twelve geophones, were 50 meters by 150 meters. After three days production on the first line from February 5 to 7, 1971, geophone arrays were enlarged to 60 meters by 160 meters. Patch layout of both arrays are

#### Geophones (cont.)

shown in Figures 2 and 3.

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#### Spread:

Patch spacing was 100 meters. Twenty-four detector stations were recorded simultaneously into a split spread to give a 600% or 1200% coverage depending upon the drop segment configuration. A spread of 1250-150, 150-1250 meters was maintained throughout the survey.

#### Energy Source:

Two weight drop units by Longreach fitted on International Harvester (Series N) 6x6 trucks.

#### Drop System:

Three methods of dropping were employed during the course of the survey.

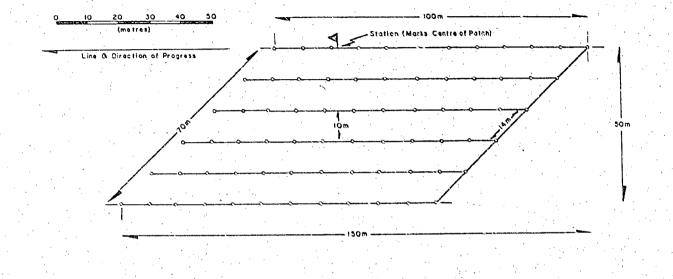
- Two parallel lines of drops, 30 meters apart along the line of traverse. 2x32 drops equispaced in line every 200 meters.
- 2. Two parallel lines of drops as above with  $2 \times 16$  drops equispaced in line every 100 meters.
- Two parallel lines of drops as above with
   x 32 drops equispaced every 100 meters.

The first of these systems gave six fold coverage and was used until March 21, 1971.

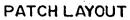
Method 2 was adopted at the start of line 0-71-A/5 on March 22, 1971 at drop station 2000. This



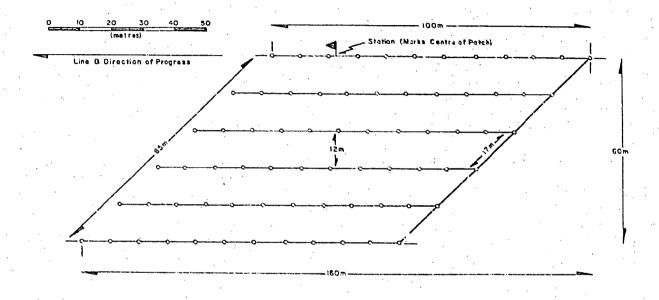
0 19



G Strings per Patch | 12 Geophones per String Geophones are spaced at intervals of 9 metres



(60 x 160 metres)



G Strings per Patchy12 Gaophones per String Gaophones are spaced of intervals of 9 matres 0.20

## Drop System (cont.)

method gave twolve fold soverage

The twelve fold coverage was maintained with an increased effort factor of 64 drops over 100 meter segments by Method 3 which was employed on April 1, 1971 from drop segment 2242 on line 0-71-A/1 for the remainder of the survey.

Drop procedures are illustrated in Figures 4 and 5.

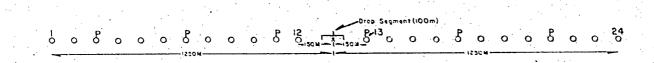
## Noise Studies:

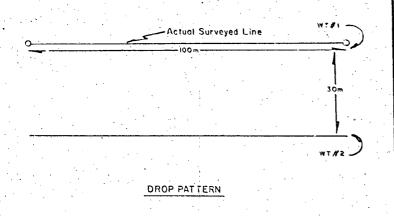
Seven noise studies were carried out at the start of the survey under the supervision of the client representative. These were not recorded on magnetic tape. A comprehensive comparison of a number of geophone arrays was made in conjunction with these noise studies which were interpreted by the Esso representative. They also provided information on near surface weathering and subweathering velocities as a guide towards the subsequent interpretation of LVL records for weathering corrections. A map showing the locations of these noise studies is presented with this report as Enclosure 3.

## DROP PROCEDURE I

(IOO metre segment)

23



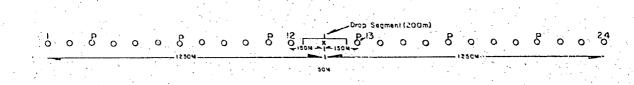


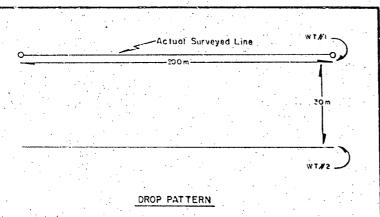
O: Centre of Geophone Array (every 100m)
P: L.V.L. Station (every 400m)
x: Centre of Drop Station
Remarks: 1) Dropping as shown, record channels 1-12,13-24
2) Procedure shown used with 32 8 64 drops

Fig. 4

# DROP PROCEDURE II (200 metre segment)

1 25

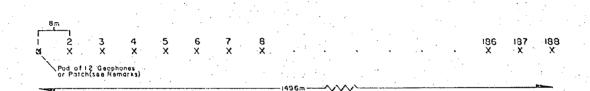




P:L.N.L. Station (every 400m)
x: Centre of Drop Station
Remarks: 1) Dropping as shown; record channels 1-12,13-24
2) Procedure shown used with 64 drops only

.O : Centre of Geophone Array (every 100m)

Fig. 5



O: Pod of 12 Geophones or Patch(see Remarks)
x: Single drop(every8m)

N.S.4:

All of the above patches contain 72 geophones

Remarks: N.S.I: Dropped into Pod, Diamond, Star, Small 1/2 Feather and Vadis Arrays

All of the above Noise Studies recorded on the L.V.L. Recorder, not magnetic tope

Small 1/2 Feather and Vadis Arrays

also Large 1/2 Feather and Pad

#### COMPUTATIONS

Static corrections were determined by using the intercept times from the LVL monitors and by computing the average weathering and subweathering velocities at each weathering station. Three, 14 cycle weathering geophones were placed four stations apart. These apparent velocities were then used to calculate the weathering and subweathering corrections at the weathering station to a common datum of sea level. Values for the intermediate stations were interpolated.

# CONCLUSIONS AND RECOMMENDATIONS

Future work in the area should only be conducted during the summer months, because weather was a large factor in determining production.

Cattle and sheep were also a problem. A large number of geophone strings were destroyed and several C.D.P. cables were damaged. The only partial solution to this problem was to hire extra men to keep livestock off the line, and where possible, feed the cattle in other parts of the paddocks.

The area was very difficult to work because of the small size of paddocks and large number of fences without gates. A fencing contractor was hired to cut fences and place temporary gates where necessary. This reduced drive time considerably.

6 27

Submitted by:

B.J. Stephens Party Chief

Approved by:

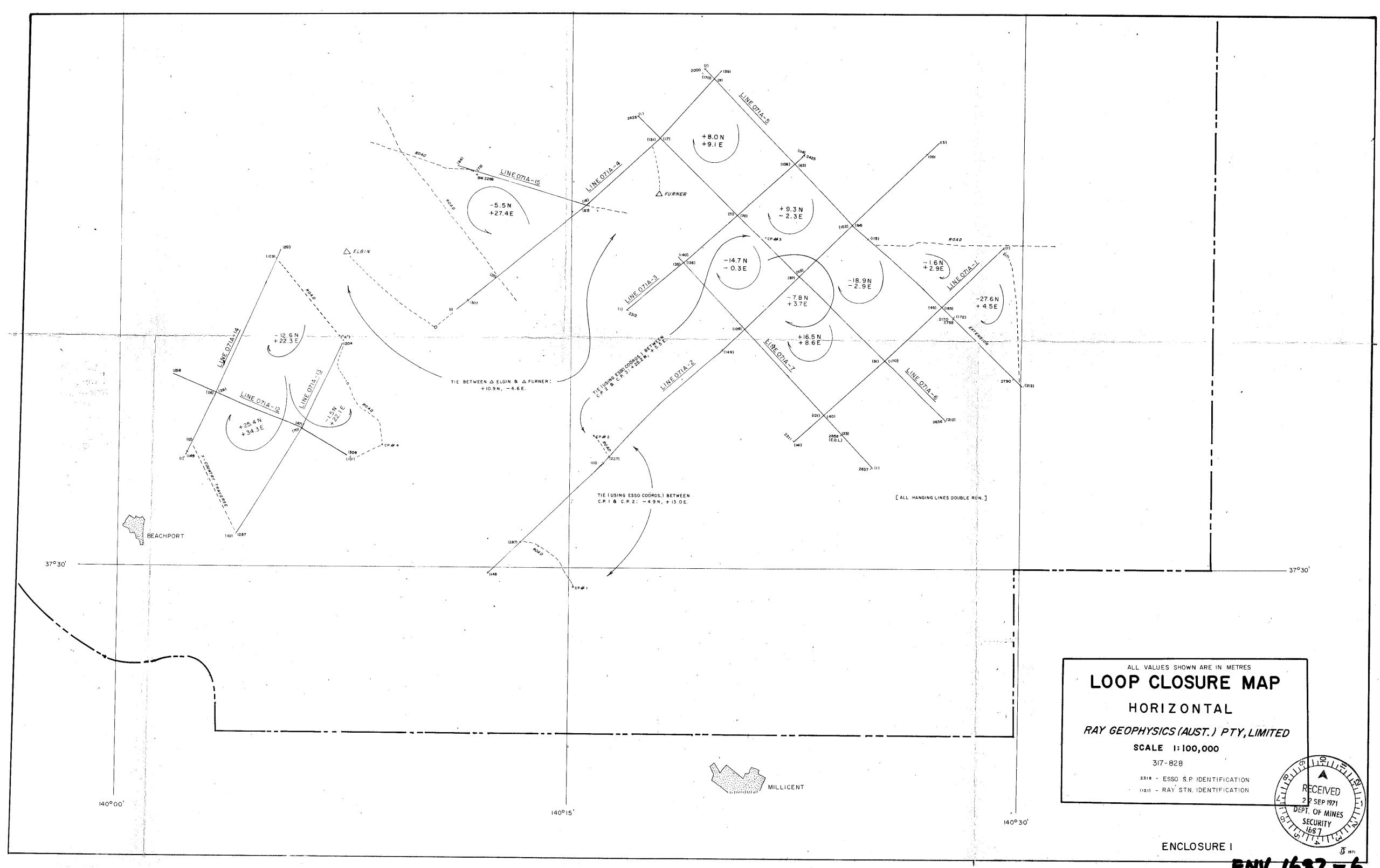
L.E. Twining Area Manager

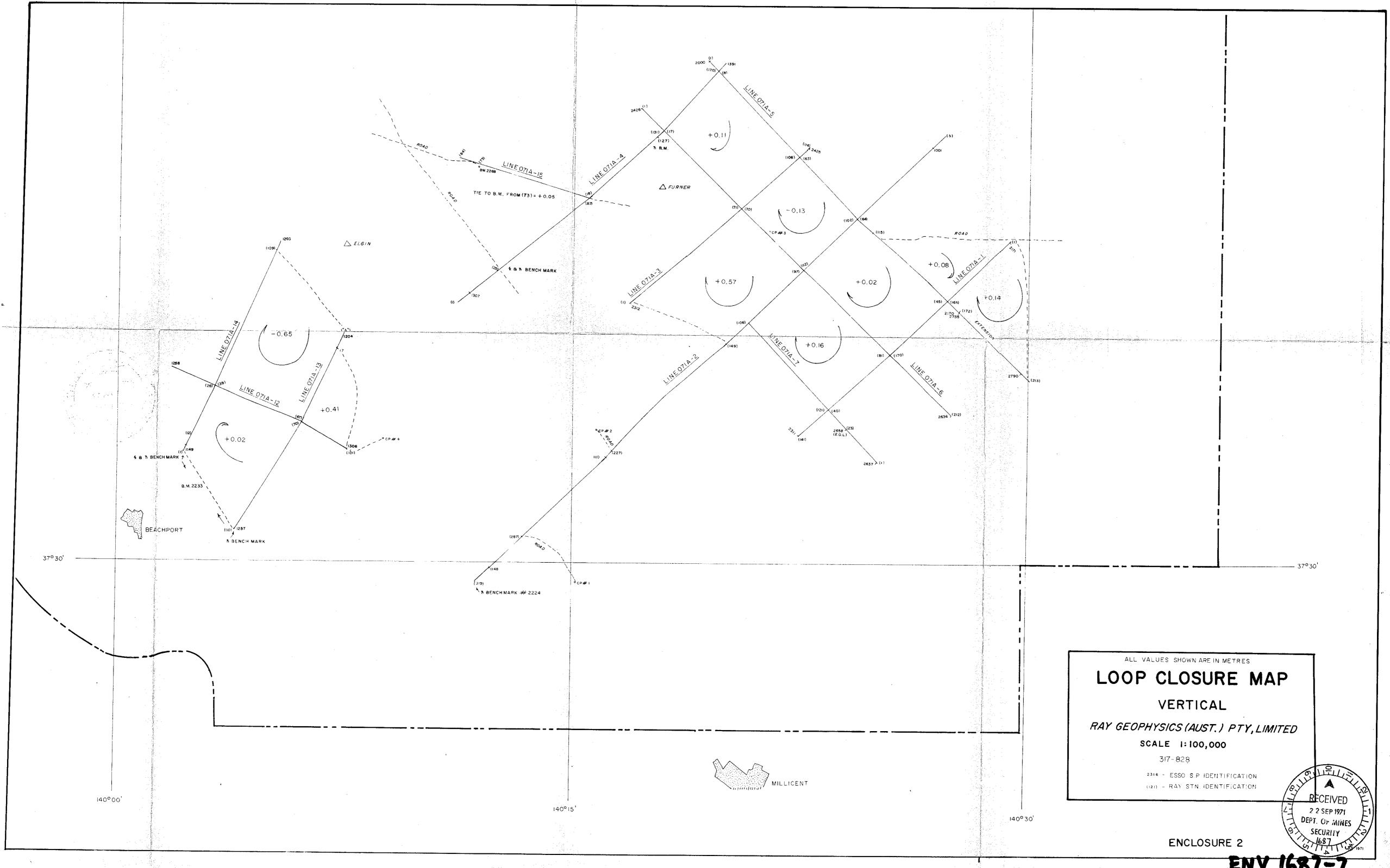
## STATISTICAL DATA

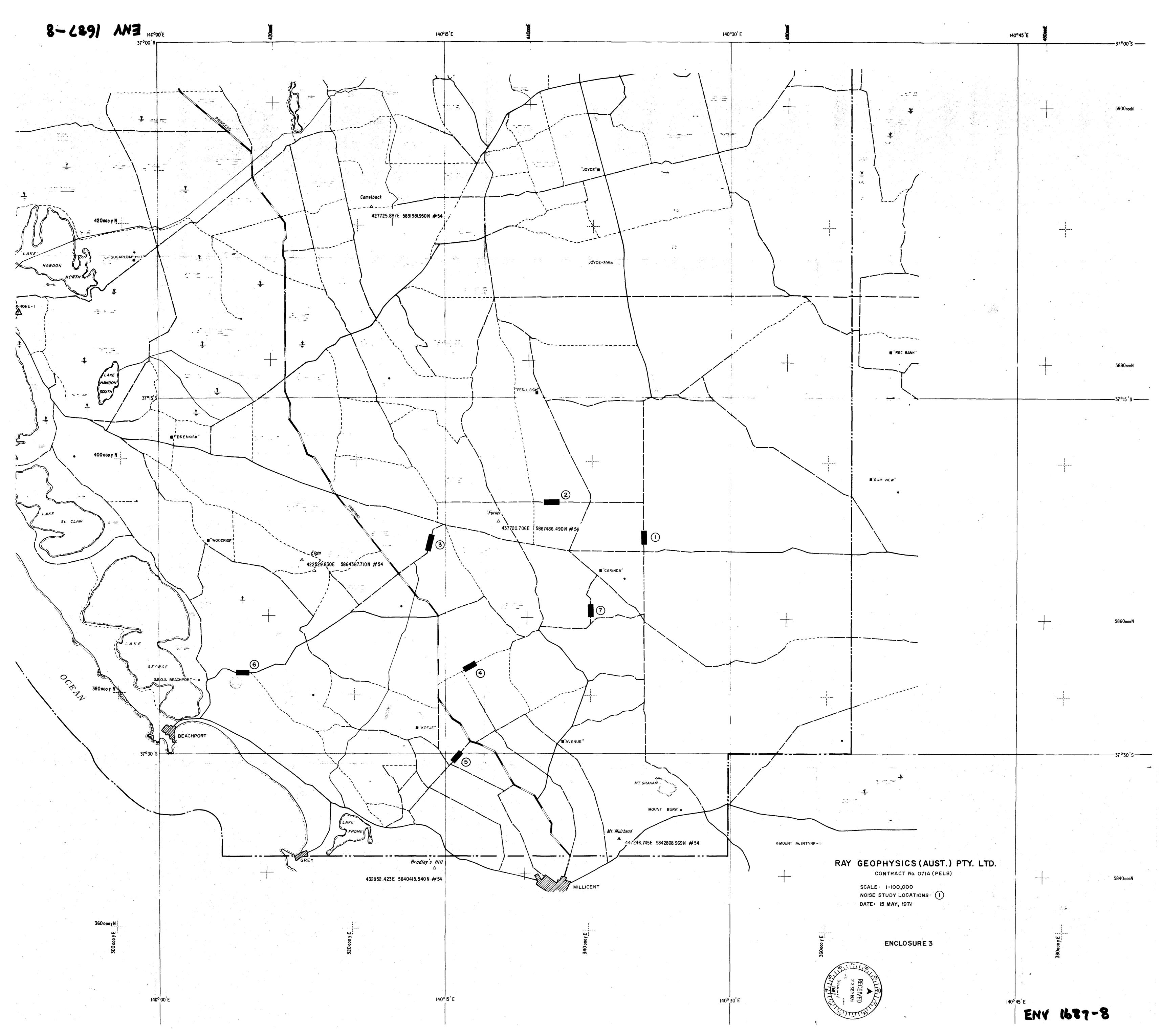
Operating Days:		105 days
Oberacting pays.		
Production:	88 days	
Experimental:	3 days	
Weather:	5 days	
Line Move:	2 days	• •
Shutdown/Leave	7 days (May 2 -	8)
Total Subsurface	Coverage (Production	only): 158.425Km
1- 6 Fold:	9.650	
1-12 Fold:	7.400	
6 Fold:	69.950	. • •
12 Fold:	71.425	
12 FOIG:		
Average Producti	on Subsurface Coverag	ge/ 1.800Km
Production Day:	· · · · · · · · · · · · · · · · · · ·	8.328Km
Experimental Cov	erage:	68,654
Total Drops:		
Production Dro	ps: 66,347	
Experimental	2,307	
Drops:		
Drops: Average Drops/Pr	4.1	754

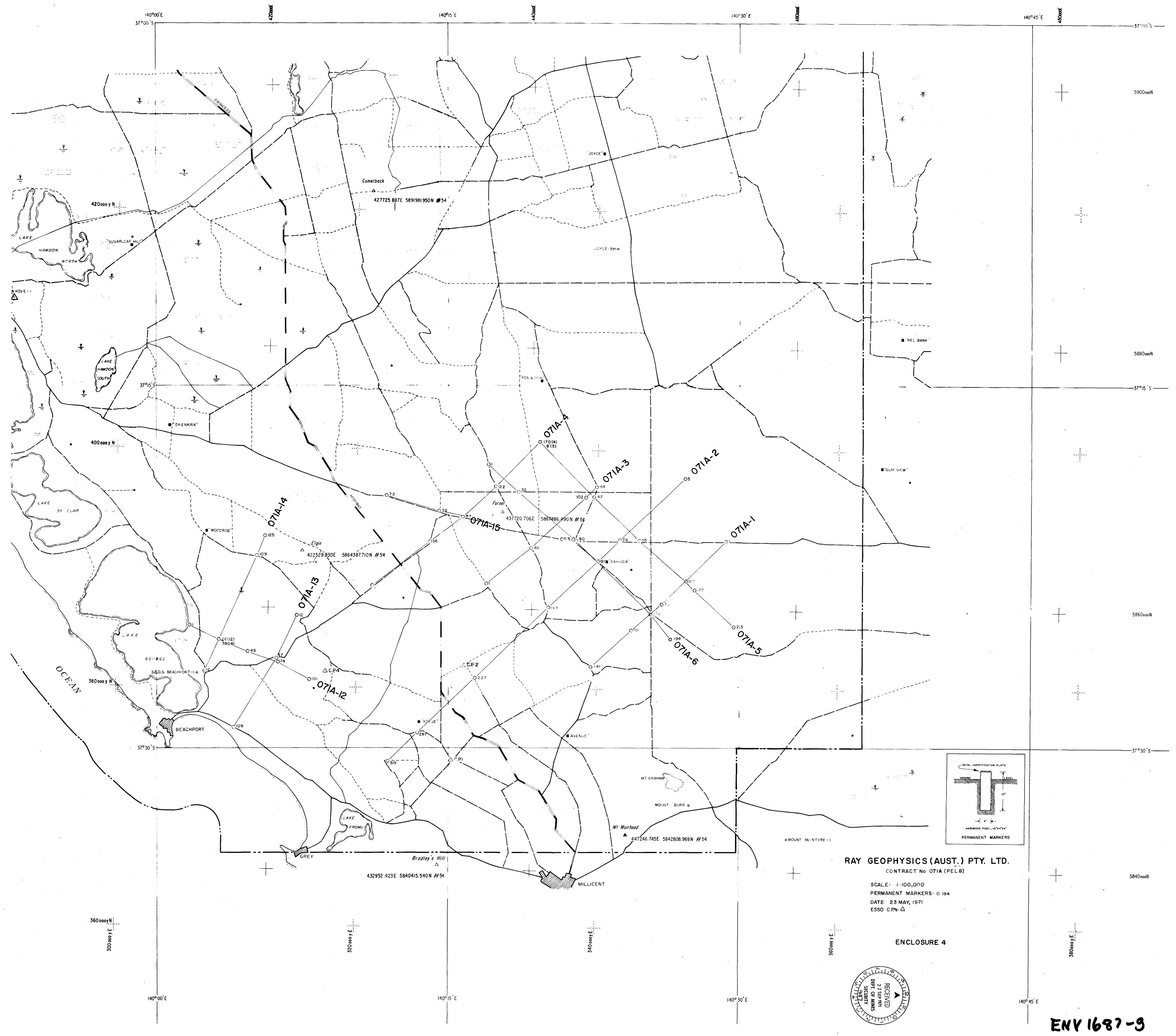
Average Daily Drive Time:

1.27 hours









## FINAL SUBSIDY REPORT

## 071A LAND SEISMIC SURVEY

## SOUTH AUSTRALIAN PETROLEUM EXPLORATION LICENCE 8

by

## ESSO EXPLORATION & PRODUCTION AUSTRALIA INC.

J.K. DAVIDSON



## TABLE OF CONTENTS

	٠.		Page
LIST OF ENCLO	SURES	***************************************	. <b>i</b>
ABSTRACT	• • • • • •	••••••	. 1
INTRODUCTION	• • • • • •		. 2
INTERPRETATIO	N	•••••	2
	(A) (B) (C) (D)	Objectives Regional Geology Existing Geophysical Information Horizons Mapped	
	(E) (F) (G)	<ol> <li>Structure on Economic Basement</li> <li>Structure on Pretty Hill Sandstone</li> <li>Shot Point Map.</li> <li>Post Pretty Hill Sequence (Not Mapped)</li> <li>Data Quality</li> <li>Results</li> </ol>	
FIELD RECORDI	NG	••••••	. 6
DATA PROCESSI	NG	••••••	. 6
FIELD OPERATION	ONS &	STATISTICAL REPORT	. 7
DTDT TOOD ADILY			_

# Figures with Test:

Figure 1 Locality Map Figure 2 Time Depth Curve X Figure 3 Seismic Section 071A-2

# Plates in Pocket:

Plate I Structure on Economic Basement

Plate II Structure on Pretty Hill Sandstone

Plate III Shot Point Map

Appendix l

Final Report, Esso Standard Oil (Australia) Ltd., 071A Geophysical Survey, P.E.L.8 & S.A.8 By Ray Geophysics (Australia) Pty. Ltd.

Appendix 2

Noise Study.

### **ABSTRACT**

The 071A Land Seismic Survey using a weight drop or "thumper" source was designed to (i) gain extra seismic coverage on the Beachport and Mt. Hope features and (ii) to gain coverage on the high basement feature, here referred to as Diamond Swamp. Diamond Swamp, like the Beachport and Mt. Hope features, was interpreted from previous gravity and magnetic surveys and from sparse seismic coverage.

The 071A seismic lines show that Diamond Swamp is a high basement fault block similar to Beachport and Mt. Hope. The seismic traverses show that the prospective reservoir unit onlaps these basement highs and may not extend over the higher portions of these paleo-topographic features.

32

INTRODUCTION 0 33

The 071A Land Seismic Survey commenced on February 2, 1971 and was completed on May 17, 1971. The survey was conducted within P.E.L.8 in South Australia where Esso has a farmin agreement with General Exploration of Australia, Alliance Petroleum Australia N.L. and Beach Petroleum N.L. (see Figure 1). 158.425 kilometres of data were recorded of which 9.65 kilometres was 1-6 fold C.P.D., 7.4 kilometres was 1-12 fold C.P.D., 69.95 kilometres was 6-fold C.D.P. and 71.425 kilometres was 12 fold C.D.P.

#### INTERPRETATION

#### (A) OBJECTIVES

The objectives of the 071A Land Seismic Survey were to detail the Diamond Swamp gravity and magnetic anomaly which was poorly controlled by previous seismic work and to gain extra control on the Beachport and Mt. Hope gravity and magnetic anomalies which had been fairly well detailed as a result of the 069A Land Seismic Survey.

The Beachport anomaly was identified as an anomaly (Rochow, 1968 and Geophysical Associates Pty. Ltd., 1969), mapped as a result of the EU-68 Marine Seismic Survey (Wiggin and Bein, 1969) and the 069A Land Seismic Survey (Wiggin and Graham, 1969) and was subsequently drilled (Lake George 1). The 07lA Land Seismic Survey was principally designed to prove northerly dip and to gain more structural control and distribution of the Pretty Hill reservoir sand.

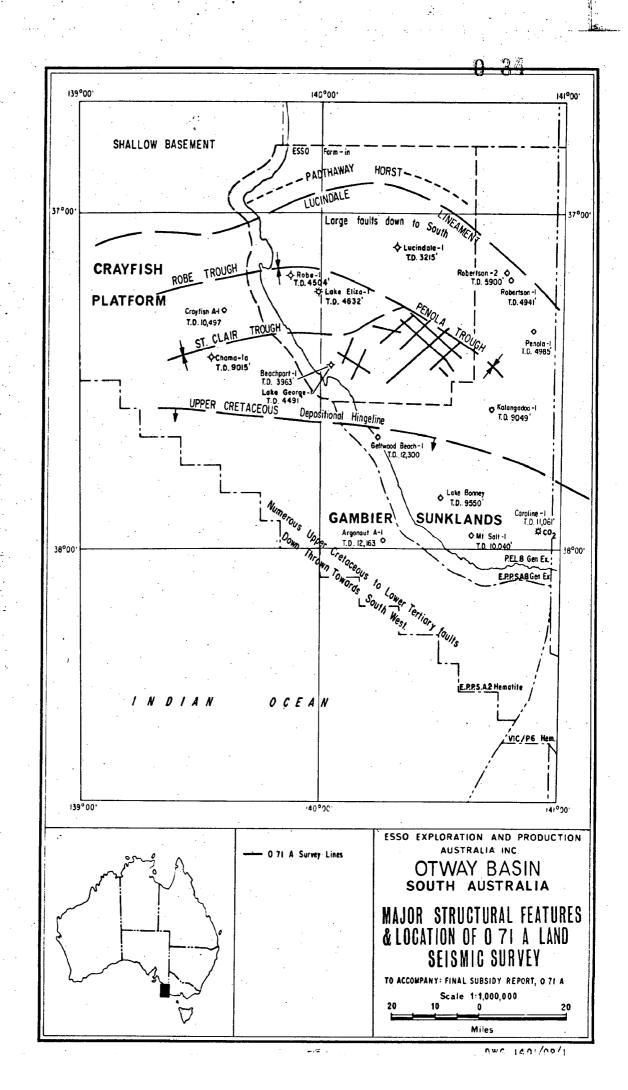
Part of the 071A survey was planned to add to the 069A seismic control over the Mt. Hope structure which was recognised on the same gravity survey as Beachport. However, inclement weather prevented the completion of this part of the survey.

The EV-68 Gravity Survey (Geophysical Associates Pty. Ltd., 1969) located a large anomaly at Diamond Swamp. Very little seismic control existed over this structure, and a major aim of the 071A survey was to outline this structure.

#### (B) REGIONAL GEOLOGY

The survey area is within South Australia P.E.L.8 in the northwestern part of the Otway Basin and is north of the hinge line which marks the boundary of thick Upper Cretaceous deposition. This part of the basin is an onshore extension of the "Crayfish Platform" which is bounded by the Lucindale Lineament to the north and the Upper Cretaceous hinge line to the south (see Figure 1). It is a platform only in the sense that Upper Cretaceous and Tertiary rocks are found in relatively thin sequences thickening towards the sea. In Lower Cretaceous times an extensive depositional trough existed in the area.

The northern edge of the Otway Basin is formed by up-faulted basement on a line approximately west-northwest from Melbourne to Cape Jaffa. The basement rocks appear to be metamorphosed Paleozoic sediments related to the formation of the Tasman Geosyncline which involved essentially the filling and deformation of a series of north-south trending troughs. The Otway Basin, which formed in Mesozoic times, however, trends eastwest and contains sediments ranging from Mesozoic to Tertiary.



The lowermost unit, the Otway Group, comprises a thick section of non-marine Lower Cretaceous rocks. The basal formation of this group, the Pretty Hill Sandstone is a fresh water fluvial, deltaic, quartzose sandstone up to 10,000 feet thick. This formation was intersected by Esso's Lake Eliza-l and Lucindale-l.wells. The finer grained greywacke-shale-mudstone Otway Group, unconformably overlies the Pretty Hill Sandstone and the Lower Cretaceous is overlain discordantly by Upper Cretaceous sediments.

Upper Cretaceous rocks although exceeding 10,000 feet in thickness south of the Upper Cretaceous depositional hinge line are less than a thousand feet thick over most of the survey area. The top of the Upper Cretaceous is usually marked by a gentle angular unconformity.

The Eocene-Paleocene sequence is a sandstone deposited in paralic to neritic conditions on a southward dipping surface. These rocks thin by onlap in the shelfward direction, thicken basinward, then thin over a gross regional clinoform to a southern zero edge. The younger Tertiary sequences consist of shales, marls and limestones.

Tertiary intrusive and extrusive rocks are common on the northern and eastern margins of the basin.

# (C) EXISTING GEOPHYSICAL INFORMATION

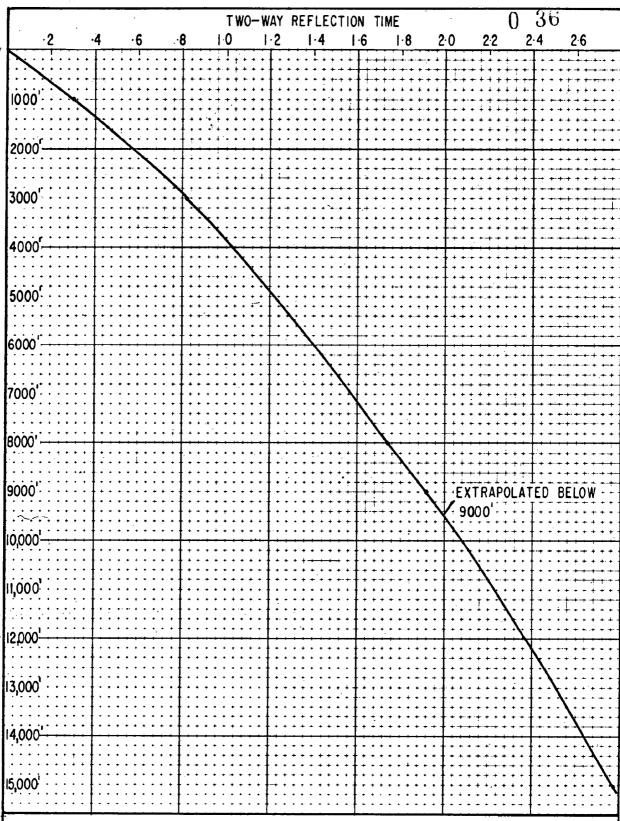
- 1. South Australia Mines Department Air Magnetic Survey, contracted by BMR, in 1955 and re-interpreted by CGG, in 1965.
- 2. Esso's EV-68 Gravity Survey consisting of 1044 miles of coverage at ½ mile intervals recorded in 1968-69.
- 3. South Australia Mines Department single-fold wiggle trace shooting covering approximately 300 miles recorded between 1960 and 1965.
- 4. Single-fold analog recording seismic surveys by Alliance Oil Development including the following:

Kalangadoo - Lucindale, and Penola.

- 5. The Cape Grimm to Cape Jaffa Marine Single-Fold Analog Seismic Survey by Hematite Exploration Pty. Ltd., 1965.
- 6. Offshore Otway Basin Marine Seismic Surveys, Esso Exploration and Production Australia, 1967 (EO, EP and ER Surveys).
- 7. Offshore Otway EV-68 Marine Seismic Survey by Esso on SA.8. (Aquapulse 12-fold digital recording).
- 8. Onshore Otway 069A Land Seismic Survey by Esso on P.E.L.8 (Dynamite, 1 to 24-fold C.D.P.).

### (D) HORIZONS MAPPED

The enclosed structure contour depth maps are at a scale of 1:100,000, with a sea level datum. Figure 2 is a time vs. depth plot based on the velocity scans produced from the 069A Land Survey data and velocity data derived



ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.

OTWAY BASIN
TIME DEPTH CURVE
BASED ON VELOCITY SCANS FROM THE
069A LAND SEISMIC SURVEY

AND VELOCITY DATA FROM LAKE GEORGE-I, LAKE ELIZA-I, AND LUCINDALE-I, IN P.E.L.8 & S.A./8 SOUTH AUSTRALIA

TO ACCOMPANY: FINAL SUBSIDY REPORT

071A LAND SEISMIC SURVEY

from the wells Lake George-1, Lake Eliza-1 and Lucindale-1. This time vs. depth curve was used to convert the reflection times to depth for the mapped horizons below. Considerable scatter occurred between plots of individual velocity scans from the 071A Survey. The velocities encountered in the above three wells did not depart significantly from the curve based on the 069A Survey velocity scans, so this curve was used for the time to depth conversion for the 071A Survey data.

The following maps are enclosed:

- 1. Plate I Structure on Economic Basement
- 2. Plate II Structure on the Pretty Hill Sandstone
- 3. Plate III Shot Point Map

# 1. Structure on Economic Basement, Plate I.

Economic Basement at Lake George-1 and Lucindale-1 was found to be a phyllite and slightly metamorphosed sediments were found to comprise basement at Lake Eliza-1 and Kalangdoo-1. Both these rock types are thought to be Paleozoic in age. As the velocities encountered in these rocks approach the same velocities as the Pretty Hill Sandstones, it is often difficult to define economic basement on the seismic lines. Basement is often defined by a high amplitude signal which has weak unconformable events beneath it. In many instances, it is the deepest reflection event on the section.

The Economic Basement Map (Plate I) is essentially comprised of two parts. One part lies south of Lake Eliza-1 and was interpreted by integrating the new survey (071A) with the 069A survey and the well control at Lake George-1. The second part lies north of and includes Lake Eliza-1 and is a re-interpretation of the 069A data incorporating the well control of Lake Eliza-1 and Lucindale-1.

The most noteable features on the Basement Structure map are the horst blocks which form closed structures. These features include, Lucindale and Lake Eliza in the northern area, Diamond Swamp in the east and Lake George and Mt. Hope in the south. The Mt. Hope basement high has been interpreted as an extension of the Lake George (Beachport) high. Figure 3 is a seismic section across the Mt. Hope and Diamond Swamp structures which shows the horst block form of the structures. It also shows that, on comparing the relative positions of faults of various ages on either side of the high points of the structures, that the two structures are very similar.

# 2. Structure on the Pretty Hill Sandstone, Plate II.

The top of the Pretty Hill Sandstone is usually characterised by a high amplitude reflection. The reflection marks the boundary between the mudstones and greywackes of the overlying Otway Group and the underlying Pretty Hill Sandstone. This boundary is generally an unconformity and where unconformable, two high amplitude cycles are observed. This characteristic is more clearly seen when the seismic data are presented as variable area sections with a wiggly trace overprint. A significant frequency change is also observed at this contact.

The variable area presentation was preferred for the 071A survey rather than a variable density presentation which was used for the 069A survey because of this improved resolution.

A reflection event from the top of the Pretty Hill ties Esso's offshore well, Crayfish-l and the onshore Esso wells, Lake Eliza-l and Lucindale-l. Plate II shows the structure on the top of the Pretty Hill Sandstone. Like the Basement Map, the area south of Lake Eliza-l has been interpreted by integrating the 071A survey with the 069A survey and data from the Lake George-l well and the area north of, and including Lake Eliza-l, has been re-interpreted using the 069A seismic data and has incorporated the results of Lake Eliza-l and Lucindale-l. This map indicates structural closure at Lucindale, Lake Eliza, Lake George, Mt. Hope and Diamond Swamp. The Sugar Loaf and Konetta structures interpreted using the 069A data are considered to be secondary structures and are not mapped in detail on Plate II as a contour interval of 500, although adequate to define structures like Beachport and Diamond Swamp, was too coarse to define Sugar Loaf and Konetta.

The Pretty Hill Sandstone onlaps the basements highs and becomes very thin to absent at Beachport, Diamond Swamp and Mt. Hope.

# 3. Shot Point Map, Plate III

This map is a compilation of all Esso and other company shooting and surveys done by the South Australia Department of Mines.

# (E) POST PRETTY HILL SEQUENCE (NOT MAPPED)

Lake George-1 penetrated only 560 feet of Upper Cretaceous rocks. Thus the base of the Tertiary is essentially the top of the Otway Group (Lower Cretaceous) for mapping purposes. The Upper Cretaceous is a sedimentary wedge which pinches out by onlap on the Lower Cretaceous surface as well as by truncation by the Tertiary rocks.

The base of the Tertiary or the top of the Lower Cretaceous does not reflect the structure on the top of the Pretty Hill and was, therfore, of little structural significance and hence not mapped. In the 069A subsidy report (Wiggin & Graham, 1969) it was stated that the Base of the Tertiary, as mapped for 069A data, showed a regional thinning towards the north-east and this configuration can also be seen on Figure 3.

### (F) DATA QUALITY

The data quality of the 071A survey using a weight drop energy source is essentially comparable to the 069A data which used a dynamite source. Although data quality is only fair to good in both cases, it is adequate for mapping the top of the Pretty Hill Sandstone. The definition on "basement" is less than adequate on both the "thumper" survey and the dynamite data.

## (G) RESULTS

The O71A Land Seismic Survey has shown that the Diamond Swamp gravity

anomaly is a basement controlled feature similar to the Beachport high. Structural closure is mapped on the top of the Pretty Hill Sandstone, but both features are shown to have areas where the Pretty Hill Sandstone is absent.

#### FIELD RECORDING

Field data was recorded on a Mandrel SUM-IT digital system at a two millisecond sample rate, then processed at a four millisecond sample with corrections for near surface statics, amplitude equalisation, twelve fold stack and time varying deconvolution before stack. This recording method is described in more detail on p.10 of the contractors report (Appendix 1).

#### DATA PROCESSING

Eleven lines totalling 158.425 kilometres of the O71A Land Seismic Survey were processed at Western Geophysical's digital processing centre in Sydney, N.S.W. Final sections were processed using the optimum parameters determined through experimentation and data analysis.

Near surface static corrections were adjusted for surface elevations and this was done in the field by Ray Geophysics. The intercept times t<sub>2</sub>, ....tn, were determined from the LVL monitors and weathering depths computed by the formula below:-

$$h_{1} \cdot \frac{V_{1}}{\cos(\sin^{1}\frac{V_{1}}{V^{2}})} \left[ \frac{t_{2}}{2} \right]$$

$$h_{2} \cdot \frac{V_{2}}{\cos(\sin^{1}\frac{V_{2}}{V_{3}})} \left[ \frac{t_{3}}{2} - \frac{h_{1}\cos(\sin^{1}\frac{V_{1}}{V_{3}})}{V_{1}} \right]$$

IN GENERAL, FOR n > 1:

$$h_n = \frac{V_n}{\cos(\sin^{-1}\frac{V_n}{V_{n+1}})} \left[ \frac{t_{n+1}}{2} - \sum_{i=1}^{n-1} \frac{h_i \cos(\sin^{-1}\frac{V_i}{V_{n+1}})}{V_i} \right]$$

EXAMPLE: FOR n = 3, i = 1 AND 2, THEREFORE:

$$h_3 = \frac{V_3}{\cos(s_1N^{-1}\frac{V_3}{V_4})} \left[ \frac{t_4}{2} - \frac{h_1 \cos(s_1N^{-1}\frac{V_1}{V_4})}{V_1} - \frac{h_2 \cos(s_1N^{-1}\frac{V_2}{V_4})}{V_2} \right]$$

In most instances only one or two distinct low velocity layers were evident and the topographic relief resulted in small (approximately 20 milliseconds) static corrections to sea level datum.

Computer automated velocity gathers were extracted from the twelve fold data at intervals of approximately six kilometers or closer. Velocity functions input for normal moveout corrections were derived from the gathers and distributed over the line. The velocity functions are identified on the section.

Final sections were plotted as variable area film with time varying filter.

Quality of the final sections graded from fair to good.

# FIELD OPERATIONS AND STATISTICAL REPORT

Ray Geophysics (Australia) Pty. Ltd. has prepared a statistical summary of the field operations which is attached to this report (Appendix 1). An experimental thumping program was conducted at the start of the survey and the results of these tests appear in the contractors report (Appendix 1) and in (Appendix 2).

The following is a list Line Numbers and Shot Points included in the O71A survey.

Line	From	<u>To</u>
1	2310	2171
2	1148	1001
3	2312	2425
4	1308	1390
5	2000, 2748	2164, 2790
6	2426	2636
7	<b>265</b> 8	2637
12	1258	1306
13	1257	1204
14	1149	1203
15	2741	<b>26</b> 59

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- Wiggin, R.W. & Bein, J.(1969) Final Subsidy Report, EU-68 Marine Seismic Survey. Esso Exploration and Production Australia Inc.
- Geophysical Associates Pty. Ltd. (1969)
  Final Subsidy Report, EV-68 Land Gravity Survey. Esso Exploration
  Australia Inc.
- Wiggin, R.W. & Graham, R.L.(1969) Final Subsidy Report, 069A Land Seismic Survey. Esso Production Australia Inc.

#### APPENDIX 2.

#### FINAL SUBSIDY REPORT 071A LAND SEISMIC SURVEY, P.E.L.8 SOUTH AUSTRALIA.

#### NOISE STUDY

Ray Geophysics (Australia) Pty. Ltd. conducted a noise analysis program designed by Esso in P.E.L.8 South Australia from Feburary 3, 1971 through to February 5, 1971 to determine the optimum recording parameters for the O71A Land Seismic Survey.

This noise program was conducted in seven different areas of interest (see figure 6 Appendix 1). Each of the seven noise studies was accomplished by dropping the thumper weight 188 times in a continuous straight line with a drop interval of eight meters. The first drop was on top of either a small pod of geophones to determine noises present, or at the near geophone of an array to determine the amount of noise cancellation to be obtained from that array.

Figures 1 to 6 depict the spread configuration and different arrays attempted.

Table 1 is a tabulation of the noises present in each of the seven areas and the type of geophone array attempted.

Figures 7 & 8 show the LVL recordings of noise study no. 5 and indicate why the "half feather" array was preferred to the "noise pod" and "centre-loaded in-line" arrays and also why the "large half feather" was preferred to the "small half feather."

12 phone cluster noise analysis pod.

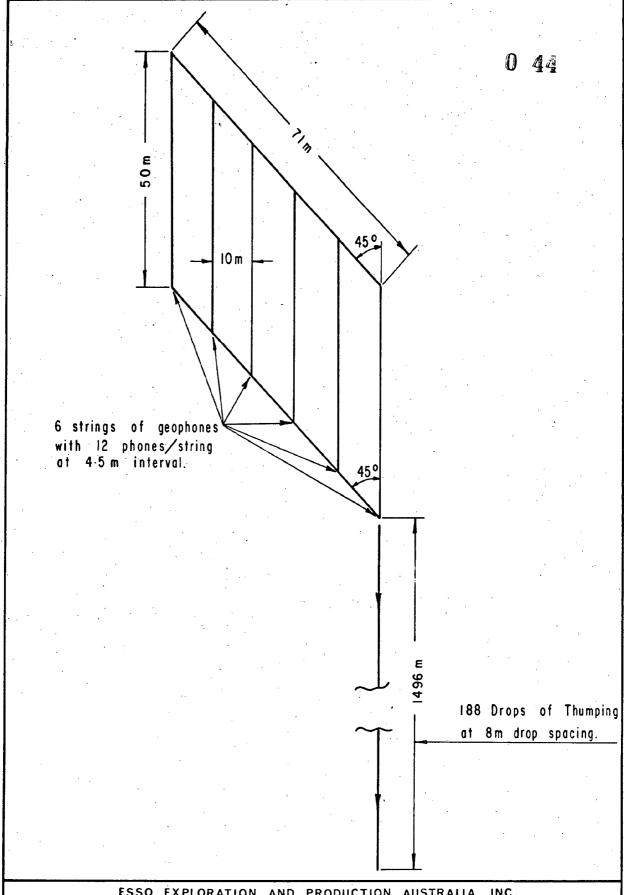
1496 m

188 Drops of Thumping at 8 m drop spacing.

OTWAY BASIN

NOISE POD - 12 PHONES

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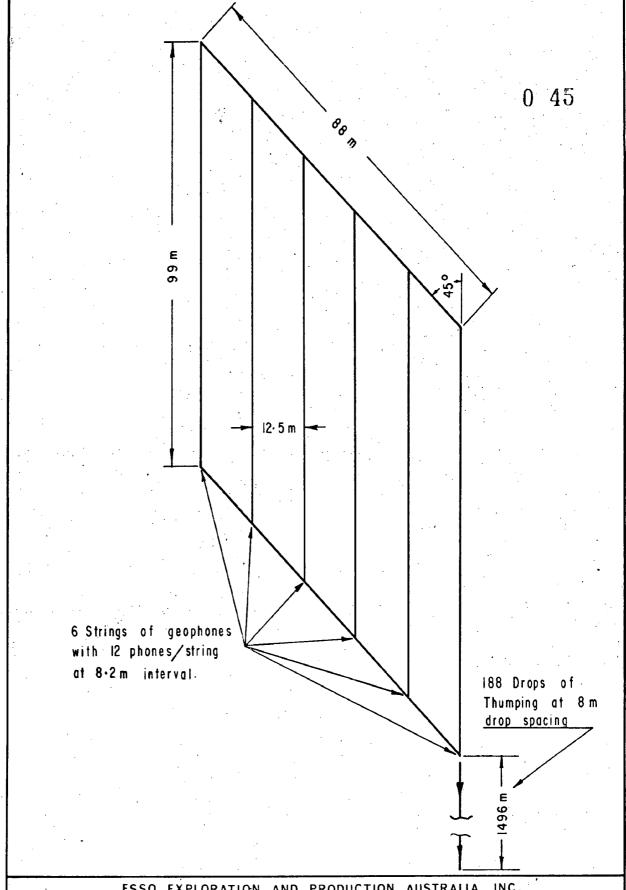


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OTWAY BASIN

# SMALL HALF FEATHER - 72 PHONES

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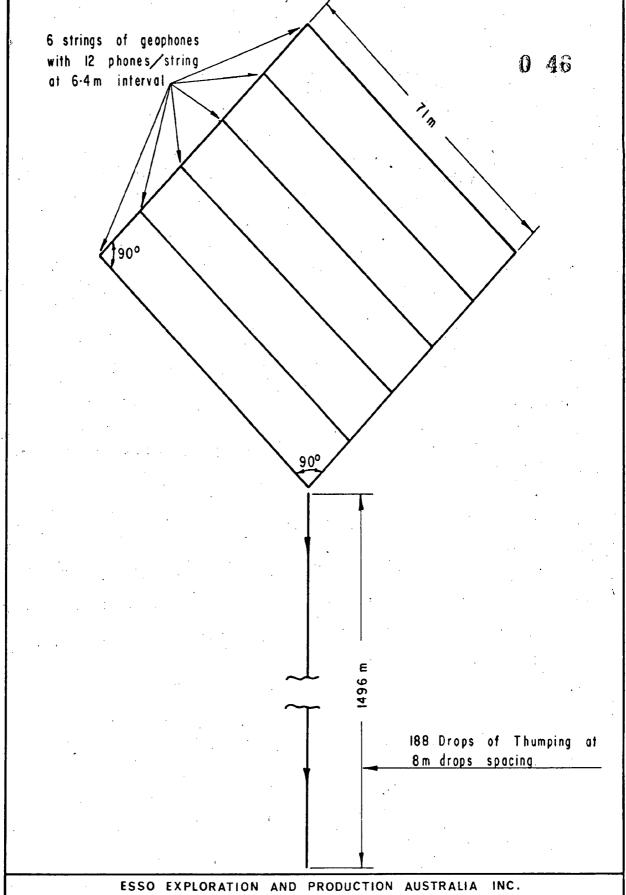


ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.

OTWAY BASIN

# LARGE HALF FEATHER - 72 PHONES

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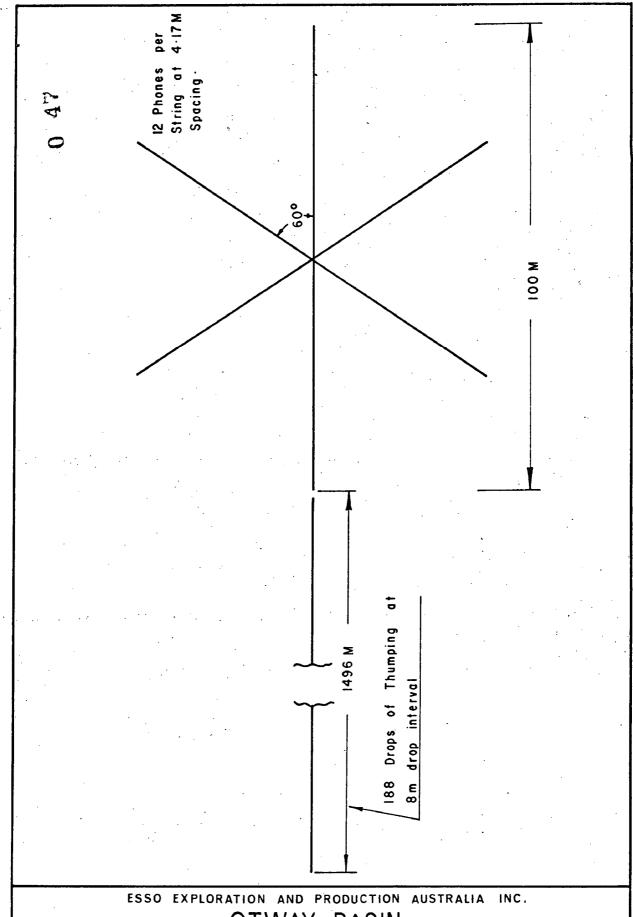


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OTWAY BASIN

71 M × 71 M DIAMOND - 100 M PT. TO PT.-72 PHONES

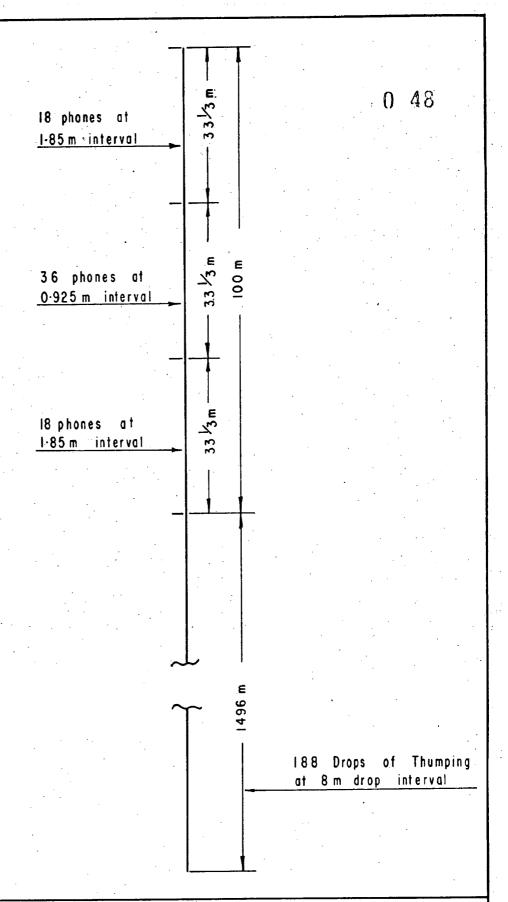
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OTWAY BASIN

6 POINT STAR - 50 M LEGS - 72 PHONES

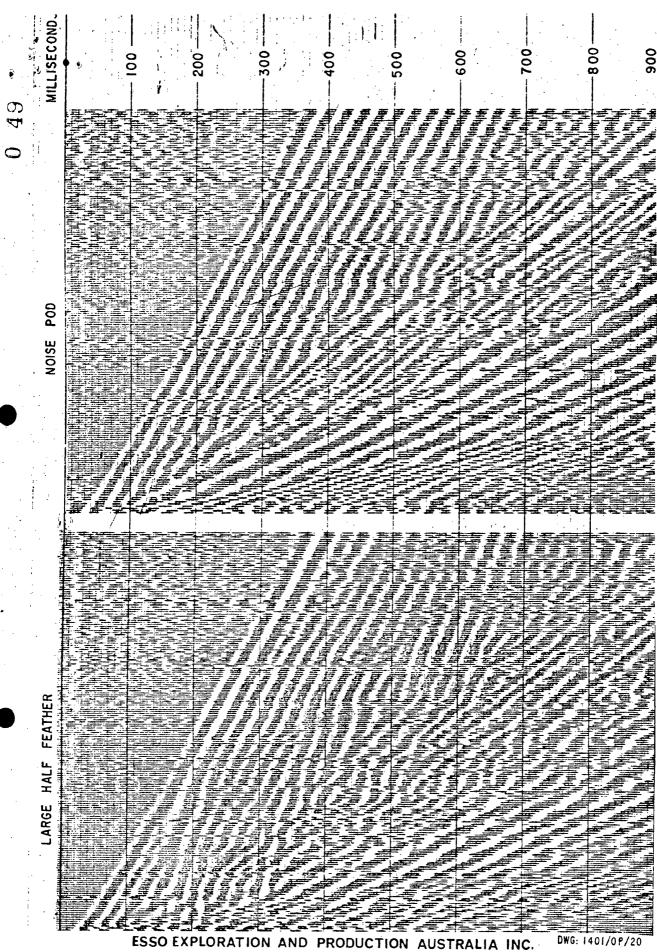
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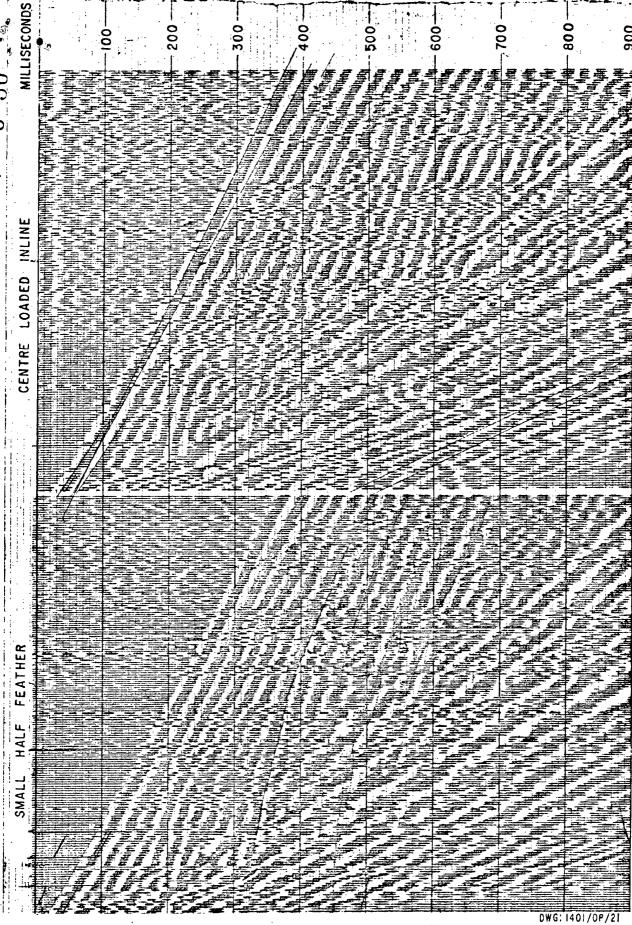
# OTWAY BASIN CENTRE LOADED INLINE - 72 PHONES

TO ACCOMPANY: FINAL SUBSIDY REPORT
O71A LAND SEISMIC SURVEY



OTWAY BASIN NOISE STUDY - LOCATION 5

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ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.

OTWAY BASIN NOISE STUDY - LOCATION 5

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50 4100	488 100	0 -22	10 10 04	14 21 15	19 16 17	17 15 19 1	3 20 11 21	0 22 -	7 22 -		
51 4100		0 -22	12 13 24			17 16 18 14	4 20 12 21	10 22 -1		14 3 - 25	1 12
52 4100		0 , -22	12 14 23	15 21 16	19 17 17			10 22 8	_ ''	4 25	2 13
53 4100			12 14 24	15 22 16			2 CL 11 22			5 3 24	1 14
54 4100	A 10 C.		12 15 23	16 21 17			4 21 12 22			5 4 25	3 15
55 4100			12 15 24	16 22 17	20 19 19			9 24 7	25 5 2	6 3 27	1 16
	1000		12 16 23	17 21 18	19 10 17			10 24 P		6 .4 27	,
55 4100			12 16 24	17 22 10		20 15 21 12		9 25 7		7 3 29	
57 4100	484 1000	0 -22	12 17 23	18 21 10		20 16 21 14	4 73 19 97			7 4 28	1 18
59 4100		0 -22	12 17 24	11 8 22 tv	19 20 17	21 15 22 13			<b>77</b>	·	3 10
en aton	t 444 juni	n >>	13 14 33	10 77 19.	70 20 19	21 16 22 17	74 12 25	10 24 2	27 6 3	•	1 20
			• •					*	n en	9 4 90 1	* , · · · · · · · ·

4	•	<b>©</b>						•		•	,	- I	
Combined and	Jng	ESSO	LINE.	0711-1	BEGIN	VELOCITY FU	NCTIONS	AT STACK	10 30012	TRACE 12	48 CDES	5 <b>T</b> 13 11	r VELOC
a said fict to have	THO-PAY		T/SEC	TWO-WAY TIME	AVG.VEL. FT/SEC	AVG.VFL. M/SEC	NMO			H LIMITING			
1				*****	A APPLIED	,	( 60001)	1000	\$000°*	40001	5000°,	000.	
	0.100	6500.	6500.	0.100	4500	1001							
7	0.400	6300.	6900.	0.200	4500 <b>.</b>	1981.	0.828	0.583	0.213	0.461	9.710	(.0	
d	1.000	7000.	7133.	0.300	6600.	2012.	0.731	0.051	0.163	0.411	0.560	1.0.	
1	1.200	2000	13000.	0.400	6700.	2042.	0.644	0.035	0.123	0.361	0.619	ភ•្គ∶	
]	1.600	85.00	10400.		6890.	2073.	0.569	0.026	0.004	0.311	0.550	0.70	
1	2.000	10500.	18100.	0.500	6333.	2083.	0.510	0.021	0.079	0.270	0.510	0.71	:
	2.700	12500.	18214.	0.600	6867.	2093.	0.460	0.017	0.047	0.236	0.460	0.47	•
	4.000	13500.		0.700	6900.	2103.	0.416	0.015	0.058	0.203	0.416	0.61	
1	5.000	14200.	15577.	0.800	6933.	2113.	0.379	0.013	0.050	0.185	0.379	0.5	
1	0.0		17000.	0.900	6967.	2123.	0.346	0.011	0.045	0.168	0.346	0.51	
j	0.0	. <u>0</u> • .	0.	1.000	7000•	2134.	0.317	0.010	0.040	0.152	0.310	0.4	
1	0.0	0.	0.	1.100	7500.	2286.	0.260	0.008	0.032	0.122	0.240	0.41	•
1		ე.	0.	1.200	800 <b>0</b> .	2438	0.215	0.006	0.026	0.100	0.215	0.30	
1	0.0	ე.	0.	1.400	8300.	2530.	0.176	0.005	0.021	0.081	0.176	0.37	
4	0.0.		0.	1.600	8400.	2621.	0.145	0.004	0.017	0.066	0.145	0.2	
i	0.0	?.	<b>υ</b> •	1.800	9550.	2911.	0.106	. 0.003	0.012	0.043	0.106	0.15	
-	0.0	. ĵ•	n •	2.000	19500.	3200.	0.090	0.002	0.000	0.036	0.040	0.17	
1	∩•n	0.	0 •	2.200	11071.	3375.	0.066	0.002	0.007	0.020	0.066	0.11	
J	0.0	0.	0.	2.400	11643.	3549.	0.055	0.002	0.004	0.024	0.055	0.0:	
	<b>∪•</b> J	ĵ.	O •	2.700	12570.	3810.	0.042	າ.ກາາ	0.005	0.010	0.042	n n 7.	
1	∩ <b>.</b> 0	0.	0.	3.000	12731.	3880.	0.037	0.001	0.004	0.016	0.037	0.00	
1	0.0	0.	0.	3.500	13115.	3998.	0.030	n. 111	0.000	2.013	0.030	0.06	
1	0.0	Э.	0.	4.000	13500.	4115.	0.025	ດ.ດາເ	0.003	0.011	0.025	0.04	
1	0.0	0.	0 •	5.000	14200.	4328.	0.018	0.000	0.000	0.00%	0.010	0.04	<b>্রা</b> ১
1	೧∙೧	0.	0.	5.900	14930.	4520.	0.014	0.000	0.002.	0.006	0.014	0.02	<b>C•</b> 3
									VI & 12	O C OVERS	• 1.1	11. 11.2	
1										•			
		MIXAM )		TNPIJT									AUTPUT
1	۵. ن∂. ∂	IST VMT M	UTE STAT	REEL	•••••		. ( INPUT ETI	ES - TRACE	NUMBERS 1.			•	10 In
1												• • •	
ļ	73 4	100 472 1	000 -22	12 25 23	26 21	27 19 28 17	7 29 15 30	0 13 32 11	33 9 34	7 35 5	36 3 37	1	12
İ	74 4	100 472 1	000 -22	12 25 24		27 20 28 18		0 14 32 12			36 4 37	•	13
1	75 4		000 -22	12 26 23		28 19 29 17		1 13 33 11			37 3 38		
1			000 -22	12 26 24		28 20 29 18		1 14 33 12			37 4 39		14 15
1			000 -22	12 27 23		29 19 30 17		2 13 34 11	35 9 36	7 37 5	38 3 39		
1			000 -22	12 27 24		29 20 30 18		2 · 14 34 12			38 4 39	•	16
1	70 4		000 -35	12 28 23		30 19 31 17				•		· · ·	17
1	_ •		000 -22	12 28 24				3 13 35 11	36 9 37		39 3 40	•	12
1			000 = 25 000 = 58	12 20 24 12 20 23		30 20 31 18 31 10 32 17		3 14 35 12	36 10 37		30 4 40	7	10
,	•			10 200 63	211 54	71 17 37 17	4 1 1 1 1 1	13 14 11	33 9 38	7 30 5	r) a z		•

ot.	•	•	.1								20	) . ij
JAR	ESSO	LINE.	. 0714-1	BEGIN	VELOCITY FUNC	TIONS	AT STACK	ID 50012	TRACE 12	48 CDE	s ro ·	ţ ۲۳ VELD¢
TWO-WAY		T/SEC	TWO-WAY	AVG.VEL. FT/SEC	AVG.VÉL. M/SEC	NMO ·		NMJ WIT	i timitina		-	
• • • • • • •	. ( INPUT)	••••••	• • • • • •	( APPLIED	)	( 60001)	10001	2000 • ~~	40001	60001	s n.	· į
0.100	6300.	4200	0.100									ř
0.800	7500.	6300. 7671.	0.100	6300.	1920.	0.853	0.088	0.218	0.460	0.677	?.·	, j
1.200	71.00.		0.200	6471.	1972.	0.748	0.453	0.148	0.410	0.627	. •	
1.600	8000.	6300.	0.300	6643.	2025.	0.652	0.036	0.125	0.360	0.577	·- • ·	. ₹
5.000	9500.	10700.	0.400	6814.	2077.	0.567	0.026	0.326	0.310	0.527	٦.	÷
2.400	10500.	15500.	0.500	6984.	2129.	0.494	0.020	0.075	0.260	0.477.	<b>↑</b> , %	;
4.000	13000.	15500.	0.600	7157.	2182.	0.431	0.016	0.042	0.220	0.427	0	, ,
5.200	13700.	16750.	0.700	7329.	2234.	0.377	0.013	0.051	0.188	0.377	0.5	1
0.0	•	16500.	0.800	7500.	2286.	0.331	0.011	0.043	0.161	0.331	೧.೯	, and the second
0.0	0.	Ŋ.	0.900	7400.	2256.	0.311	0.010	0.040	0.150	0.311	Λ,ε	
0.0	. ₾•.	0.	1.000	7300.	2225.	0.294	0.009	0.037	0.140	0.204	0.4	į.
	, 0.	0.	1.100	, 7200 <b>.</b>	2195.	0.280	0.009	0.035	0.132	0.280	0.41	S
0.0	0.	٥.	1.200	7100.	2164.	0.268	0.009	0.033	0.126	0.258	0.4	\$
0.0	Ω•	. n.	1.400	7550.	2301.	0.210	0.006	0.025	0.097	0.210	0.3	Ę.
0.0	0.	0.	1.600	, 8000.	2438.	0.167	0.005	û•ulo	0.076	0.167	9.20	
0.0	12.	,	1.800	8750.	2667.	0.126.	. 0.004	0.014	0.057	0.126	0.2	<b>t</b> ,
O • O	0.	0.	2.000	9500.	2896.	0.097	0.003	0.011	0.044	0.097	. 0.1	
0.0	0.	0.	2.200	10000.	3048.	0.080	0.003	· 0.009	0.036	0.080	0.1	
0.0	ુ∙	0.	2.400	10500.	3200.	0.067	0.002	0.008	0.030	0.047	વામાં	*
0.0	0.	າ •	2.700	10969.	3343.	0.055	0.002	0.006	0.025	0.055	0.0	
C.O.	Ú•	0.	3.000	11438.	3486.	0.046	0.001	0.005	0.020	0.044	_ n. ^	
	, 0.	· 0•	3.500	12219.	3724.	0.034	0.001	0.004	0.015	0.034	ໍ່ຕໍດ	
Ū•Ū	0.	0.	4.000	13000.	3962.	. 0.027	0.001	0.003	0.012	0.027	6.00	. Š
0.0	0.	ე ი <b>.</b>	5.000	13700.	4176.	0.019	0.001	0.002	0.009	0.019	0.0	· Ç1 {
0.0	· 0.	0.	5.900	14330.	4368.	0.015	0.000	0.002	0.007	0.015	n	, <b>1</b>
						*					-	
					•							
												. (
	···( MAXIM		INPUT	•	•							( ດູບຖອນຄື້
40° . D1	M CMV TS	UTE STAT	REFL	• • • • • • • • •	(	INPUT FIL	ES - TRACE	NUMBERS )				PACE TE
	÷											
121 41		000 -22	12 49 23	3 50 21	51 19 52 17	53 15 54	+ 13 56 11	57 9 58	7 59 5	60 3 61	! 1	12
122 41		000 -22	12 49 24		51 20 52 18		+ 14 56 12	57 10 58	8 5º 6	60 4 61		13
123 41		000 -22	12 50 23		52 19 53 17		5 13 57 11	58 9 59	7 60 5	51 3 62	- •	14
	00 472 1	00022	12 50 24		52 20 53 18					61 4 62	5 5	15
125 41		000 -22	12 51 23	52 21	53 19 54 17	55 15 56	5 13 58 11	59 0 60	7 51 5			15
125 41	00 472 1	000 -22	12 51 24		53 20 54 18		5 14 58 12		8 61 6			1.7
127 41	00 472 1	000 -22	12 52 23		54 19 55 17	56 15 5			7 62 5		•	19
120 410	ነቦ 472 1	000 -22	12 52 24		54 20 55 18			60 10 61		- 10 1 11 - 43 4 67	-	10
13) 411	• • • •	UUU -55	12 53 23						7 6: 6			
* 1	Y = X	***							1 0 - 2	(17)		, <u>į</u> ,

1	16									· ·	フロー	
j Joa.		SO LINE.	D71A-1	BEGIN	VELOCITY FUN	CTIONS	AT STACK	TD 70012	TRACE 12	49 DDF	ES TO VIE	VELOC;
TW0-87		THE WEL	TUO HAM									•
TIME		· INT.VEL. FET/SEC	TWO-WAY	AVG.VEL.	AVG.VEL.							
-1			TIME	FT/SEC	M/SEC	NMO			LH FIAILING			
	( IMPIJ		• • • • • •	( APPLIED	)	( 6000*1	1000	\$ c 0 c .	4000*	6000	8000:	•
f.100	6500.	6500.	0.100	6500.	1981.	0.823	0.083	0.213	0.461	0.596	ς <b>.</b> σ	
1.000	7400.	7500.	0.200	6500.	2012.	0.731	0.051	0.163	0.411	0.546	. 0, 25	
1.200	3000.	11000.	0.300	6700.	2042.	0.644	0.035	0.123	0.361	0.596	-	
1.400	9000.	15000.	0.400	6800.	2073.	0.569	0.026	0.095	0.311	0.545	e, a∈	
2.000		15667.	0.500	6900.	2103.	0.503	0.021	0.078		•	0.7	
2.700		14857	0.5000	7000.	2134.	0.446			0.266	7.496	0.7	
4.000		16615.	0.700				0.017	0.045	0.229	0.446	Λ, Α.	
5.000		17000.	0.800	7100.	2164.	0.207	0.014	0.055	0.199	0.307	0.60	
0.0				7200.	2195.	0.355	0.013	0.047	0.174	0.355	0.55	
.1	0.	Ŭ•	0.900	7300.	2225.	0.319	0.010.	0.041	0.154	0.310	0.50	
0.0	0.	0.	1.000	7400.	2256.	0.287	0.009	0.035	0.137	0.297	0.4	
0.0	0.	0.	1.100	7700.	2347.	0.249	0.008	0.030	0.116	0.248	በ.47	
0.0	0.	0.	1.200	800 <b>0</b> •	2438.	0.215	0.000	0.026	0.100	0.215	0.3%	
0.0	0.	Ο.	1.400	9000.	2743.	0.151	0.004	0.013	0.069	0.151	0.27	
∦`o•o :	0.	. 0.	1.600	9667.	2946.	0.115	0.003	0.013	0.053	0.116	0.20	
1 0.0	0.	0.	1.300	10333.	3150.	0.091	0.003	0.010	0.041	0.091	0.15	•
0.0	0.	0.	2.000	11000.	3353.	0.073	0.002	0.003	0.033	2.073	6.12	
0.0	. 0.	0.	2.200	11286.	3440.	0.063	0.002	0.007	0.028	0.063	0.11	
1 0.0	0.	0.	2,400	11571.	3527.	0.055	0.002	0.206	0.025	0.055	0.00	
0.0	0.	0.	2.700	12000.	3658	0.046	0.001	0.005	0.020	0.046	0.07	
0.0	ñ.	0.	3.000	12346.	3763.	0.039	0.001	0.004	0.017			
0.0	0.	•	3.500	12723.	3939.	0.037				0.03s	C. C#	
0.0	e.	. 0.	4.000	13500.		0.031	0.001	0.003	0.014	0.031	្ំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំ	÷
0.0					4115.		0.001	0.003	0.011	0.025	0.044	
0.0	0.	0.	5.000	14200.	4328.	0.018	0.000	0.003	0.009	J. 010	U. U.J.	
1	0.	0.	5.900	14830.	4520.	0.014	ი•იოი	0.002	0.006	0.014	0.02	5 D
												한 일
		•										<b>9</b> 1
605		* 141 144	****						•			GUTPH"
CDF		IMUM 1:	IMPUT									ACE ID
10.	CMV TRIC	MUTE STAT	REEL	• • • • • • • •	• • • • • • • • • • •	( INPUT )	FILES - TPACE	NUMBERS ).	• • • • • • • • • •	• • • • • • • • • •	• • • • `	10th 10
159	4100 472	1000 -19	12 73 23	74 21	75 19 76 17	77 15	78 13 80 11	81 9 82	7 93 5	i. 84 <b>3</b> 8	5 1 .	12 :
170	4100: 472	1000 -19	12 73 24	_	75 20 76 18		78 14 80 12	81 10 82			5 2	13
171	4100 472	1000 -19	*									14
172	4100 475		12 74 23		76 19 77 17		79 13 81 11	82 9 83		•	•	15
1 " -	• •	1000 - 10	12 74 24		76 20 77 18		79 14 81 12	82 10 83				
1 173	4100 476	1000 -19	12 75 23		77 19 78 17		80 13 82 11	93 9 84			7 1	16
174	4100 476	1000 -19	12 75 24		77 20 78 18		80 14 82 12	83 10 84			7 ?	17
175	4100 476	1000 -19	12 76 23		78 19 79 17		81 13 83 11	84 9 85			9 9 1	19
176	4100 476	1000 -18	12 76 24		78 20 - 79 <b>1</b> 8		81 14 83 12	84 10 89	•• ••		3 P 2	Í.o.
1 7	4100 476	1000 -19	12 77 23		79 ja - 80 17		85 13 57 11	8E 9 01		1	20 1	2.7
•	$1/\sqrt{n} = 1/\sqrt{n}$	1000	10 10 50	2.3 (2.5)	retraction of a	1 -	1		$c_i^* \leftarrow c_i^*$			نمد

•		•							• •		- (	/-> / 1	1
109	ESSO	LIME.	• 071A-1	BEGIN V	FLOCITY FUN	ICTIONS	Δ,	T STACK	10 90012	TRACE: 12	48 60	DES IN "	it Aerui
TWO-WAY	AVG.VEL.		TWO-WAY	AVG.VEL.	AVG.VEL.								
TIME	EEE	T/SFC	TIME	FT/SEC 1	M/SEC	NMO			NMO WIT	H LIMITING	EACTOS .		
••••••	• ( INPUT)	•••••	• • • • • •	( APPLIED	)	( 60001)	•	1000.	2000	40001	60001	305	•
0.100	6300.	6300.	0.100	6300.	1920.	0.858			0 000				
0.800	6700.	6757.	0.200	6357.	1938.			0.088	0.223	0.436	0.737	<b>^</b> • ·	,
1.000	7400.	10200.	0.300	6414.	1955.	0.765		0.054	0.173	0.436	0.687	, n	
1.200	8400.	13400.	0.400	6471.		0.682		0.038	0.133	0.386	0.527	0.7	1
1.600	10000	14800.	0.500	6529.	1972.	0.610		0.050	0.105	0.336	0.587	^ • **	
3.000	10600.	13000.	0.600 .		1990.	0.546		0.023	0.026	0.291	0.537	) • *	
4.000	13000	15400.		6586.	2007.	0.491		0.019	0.072	0.254	0.427	7.4	
5.000	13700.		0.700 (	6643.	2025.	0.443		0.016	0.062	0.223	0.437	?•#	1
0.0	_	16500.	0,4800	6700.	2042.	0.401		0.014	0.054	0.198	0.387	· · · · · · · · ·	1
0.0	0.	ņ.	0.900	7050.	2149.	0.339		0.011	0.044	0.164	0.337	<b>7.</b> 4	
1	0.	0.	1.000	7400.	2256.	0.237		0.003	0.036	0.137	0.287	7.4	
0.0	0.	0.	1.100	7900.	2408.	0.237		0.007	0.029	0.111	0.237	9.3	
0.0	o.	0.	1.200	8400.	2560.	0.195		0.006	0.023	0.001	0.176	0.5	
0.0	ç.	0.	1.400	9200.	2804.	0.144		0.004	0.017	0.066	0-144	3 3	
0.0.	0.	0.	1.600	.10000.	3048.	0.109		0.003	0.012	0.049	0.100	0.1	
0.0	0.	າ .	1.800	10300.	3139.	0.092	•	0.003	0.010	0.041	0.002		
0.0	0.	O •	2.000	10690.	3231.	0.079	•	0.002	0.009	0.035	0.079	0.1	
0.0	n.	0.	2.200	10840.	3304.	0.069		0.002	0,003	0.031	0.069	0.1	
0.0	0.	n.	2.400	11080.	3377.	0.060		0.002	0.007	0.027	0.060	0.1	
0.0	0 •	0.	2.700	11440.	3487.	0.050		0.001	0.006	0.023	0.050		
0.0	0.	0.	3.000	11800.	3597.	0.043		0.001	0.005	0.019	0.043		
0.0	0.	o.	3.500	12400.	3780.	0.033		0.001	0.004	0.015	0.033	•	•
0.0	0.	<b>n.</b>	4.000	13000.	3962.	0.027		0.001	0.013	0.012	7.027	• .	<b></b> .
0.0	0.	. 0.	5.000	13700.	4176.	0.019		0.001	0.003	. ກຸດຕົວ	0.019		
0.0	. · · · •	0.	5.000	14330.	4368.	0.015		0.000	0.002	7	0.015	•	* **
					.55			37 • 13	• • • • • • • • • • • • • • • • • • • •	• " '	•	•	Ů e
						•							e i
					•				*				
CDF	( MAXIM	UM )	INPUT										ยายาย
	א ראט דצ			••••••	•••••	( INPUT FI	LES -	- TPACE	NUMBERS 1	• • • • • • • • • •	••••••	· • • • •	ACE I
217 .410	00 - 500 - 1	000 -18	12 97 23	3 98 21 9	19 19 0 17	1 15	2 12	. 4 11	5 9 . 6	7 7 5	0 3	n 1	
719 410		000 -18	12 97 24		19 20 0 18		2 14		5 10 - 6		8 3.	1	12
219 410		000 -18	12 98 23		•			4 12			Я 4	9 2	13
220 410	• •				0 19 1 17		3 13	5.11	6 9 7	7 8 5		10 1 .	14
221 410			12 98 24		0 20 1 18		3 14	5 12	6 10 . 7	8 8 6	•	10 2	15
222 410		•	12 99 23		1 19 2 17	•	4 13	6 11	7 9 8	7 9 5	10 3	11 1	16
223 410			13 99 24		1 20 2 18		4 14	6 12	7 10 8	•	10 .4	11 ?	17
		000 -19	13 0 23		2 19 3 17		5 13	7 11	8 9 9		11 3	12 1	<i>j</i> 5
• •		000 -19	13 0 24		2 20 3 18		5 14	7 12	3 Iu a	8 10 A	11 4	12 ?	19
		000 -19	13 L 23		3 19 4 17	• •	y 13	e 11	.9 9 10	7 11 + 6	12 3	17	:
- ;	4	CONTRACTOR OF THE	10 100	. 2.25	3 ) . راد د	1.	; .	13	5 1 10	1 1 1 m	1.	;	4

Jus	ESSO	LINE.	. 0714-1	BEGIN	VELOCITY FUN	CTIONS	AT STACK	ID 110012	TRACE 12	n ches	5 TO 45 6	VELOCI
TKO-WAY		INT.VEL.	TIME	FT/SEC	AVG.VEL. M/SEC	-NMO ( 6000!)	1000'	NMD WITH 2000*	H LIMITING	FACTOR	93904	:
7.100	65.00 •	. 6500 •	0.100	6500.	1981.	0.000	0.000			• • • • •		
0.500	71.00.	7250	0.200	6650.	2027.	0.828	0.083	0.211	0.451	0.682	n. 02 /	
1.100	72 00 •	7283.	0.300	6800.	2073.	0.724	0.050	0.161	0.401	0.63?	0.07.	
1.600	7800	9120.	0.400	6950•	2118.	0.632 0.551	0.034	0.120	0.351	0.582	C• d⊃_	
2.000	9500	16300.	0.500	7100	2164.	0.482	0.025 0.019	- 0.093 0.074	0.301	0.532	0.77	
2.420	10500.	15500.	0.600	7117.	2159.				0.253	0.482	0.72	
4.000	13000.	1.6750	0.700	7133.	· ·	0.435 0.394	0.016	0.063	0.222	0.435	0.67	,
5.000	13700.	16500.	0.500	7150.	2174. 2179.		.0.014	0.054	0.197	0.394	0.40	
3 0.0	0.		0.200	7167.	2179.	0.359	0.012	0.047	0.175	0.350	0,57	
0.0	0.	0.	1.000	7183.		0.329	0.011	0.042	0.159	0.329	0.514	
10.0	0.	0.	1.100	7200	2189. 2195.	0.303	0.010	0.038	0.145	0.303	0.450	
0.0	0.	0.		7320		0.280	0.009	0.035	0.132	70.280	0.45	
0.0	0.	0.	1.200 1.400	7560 <b>.</b>	2231. 2304.	0.253	0.003	0.031	0.119	0.253	0.42	
0.0	φ• •	0.	1.600	7800.	2377.	0.209	0.005	0.025	0.097	0.209	0,201	
0.0	0.	0.	1.800	8650.		0.175	0.005	0.020	0.080	0.175	0.301	•
0.0	0.	) <b>.</b>	2.000	9500.	2637.	0.129	0.004	0:015	0.053	0.129	0.237	
0.0	0.	9.			2896.	0.097	0.003	0.011	0.044	0.097	0.12	
10.0	0.	0.	2.200 2.400 '	10000.	3048.	0.080	0.002	0.009	0.034	- 0.080	0.14	
0.0	0.	9.	2.700	10500. 10969.	3200.	0.067	0.002	0.008	0.030	0.067	0.11	
0.0	0.	0.	3.000		3343.	0.055	0.002	0.006	0.025	0.055	0.097	
0.0	. 0.	0.	3.500	11439.	3486	0.046	0.001	0.005	0.020	0.046	0.097	
0.0	0.	9•		12219.	3724.	0.034	0.001	0.004	0.015	0.034	0.061	
0.0	0.	0.	4,000	13000.	3962.	0.027	0.001	0.003	0.012	0.027	0.04/	<b>_</b>
0.0	0.	0.	5.000	13700.	4176.	0.019	0.001	0.002	0.009	0.019	0.034	
	<i>19</i> •	11.	5.900	14330.	4368.	0.015	0.000	0.002-	0.007	0.015	0.02	OI SI
	( MAXIM	AUM )	IMPUT		•••••	F INDUIT CII	ES _ TRACE	MUMDEDC 3			•	OUTPU:
	•					1 144 01 111		-NOTES / •			•••	AUE 11
265 41		.000 -20	13 21 23	22 21	23 19 24 17	25 15 26	5 13 28 11	29 9 30	7 31 5	32 3 33	3 ]	12
3 266 41	00 460 1	.000 -20	13 21 24				14 29 12	29 10 30	8 31 6			13
257 41	00 460 1	.000 - 20	13 22 23		24 19 25 17		7 13 29 11	30 9 31	7 32 5			14
768 41	00 460 1	.000 -20	13 22 24		24 20 25 18	-	7 14 29 12	30 10 31	8 32 6			15
249 41	00 460 1	000 -20	13 23 23		25 19 26 17		3 13 30 11	31 9 32	7 33 5			16
270 41		.000 -20	13 23 24		25 20 26 18		3 14 30 12	31 10 32	8 33 6			17
271 41	00 460, 1	.000 -20	13 24 23		26 19 27 17		9 13 31 11	32 9 33	7 34 5			12
• 3		.000 -20	13 24 24		26 20 27 18		9 14 31 12	32 10 33	9 34 6			10
. 1		000 - 27	13 25 23		77 10 28 17	20 10 6 20		32 9 94	र देश ह			
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JOB	ESSO	ITME.	0714-2	DEATH W						· .	
		-	COLVE	PERM V	ELOCITY FU	ACTIONZ	AT STACK	(n 10001;	TRACE 1	II COE	2 IN MEN.
TWO-WAY	AVG. VEL. INT			AVG. VEL.	AVG.VEL.					•	
TIME	FEET/SE	C	TIME	FT/SEC	M/SEC -	NMO		NOO WITH	A LIBITING	ACTOS	
••••••	. (INPUT)	• • • • • • •	• • • • • (	VEDETED	)	( 6000+);	10001	2000 •	4000	600011	$\beta \gamma r_i \gamma r_i$
0.200		400.	0.100	6400.	1951.	0.843	0.086	0.221	0.442	0.642	0,351
0.600	7K00 p	200• (	0.200	6400.	1951.	0.759	0.054	G.171	0.392	0.544 0.542	0.30
1.300	1 8200 a	900) <b>.</b> (	0.300	6700.	2042.	0.644	0.035	0.123	0.342	0.542	•
1.400	8400. º	<u> </u>	0.400	7000.	2134.	0.546	0.025	0.002	0.292	0.492	0.75}1 0.70}1
1,300	9000. 11	100. (	0.500	7300.	2225.	0.452	0.018	0.070	0.242	0.442	0.6515
5.000		ეიი. (	0.500	7600.	2316.	0.392	0.014	0.055	0.199	0.302	0.63:: 0.401:
2.499			0.700	7700.	2347.	0.347	0.012	0.047	0.172	0.347	•
4.000	13500. 14	500.	0.800	7800.	2377.	0.310	0.010	0.040	0.150	0.310	0.551
5.000	14200. 17	000.	0.900	7300.	2408.	0.278	0.009	0.035	0.133	0.110	0.501
0.0	· • • • • • • • • • • • • • • • • • • •	0.	1.000	გიიი.	2438.	0.250	0.003	0.031	0.113	0.250	0.455
0.0	.0 •	0.	1.100	alog.	2469.	0.226	0.007	0.027	0.105	0.226	0.414
0.0	0.	0.	1.200	8200.	2499.	0.205	0.006	0.025	0 • £00 0 • 005	0.275	0.374 0.347
. 0.0	0.	0.	1.40	8400.	2560.	0.172	0.005	0.020	0.079	0.172	
0.0	0.	0.	1.600	9700:	2652.	0.142	0.004	0.016	0.065	0.142	0.704
0.0	0.	0.	1.900	9000.	2743.	0.119	0.003	0.014	0.054	0.119	0.245
0.0	0.	0.	2.000 -	10000	3049.	0.038	0.002	0.010	0.040	0.038	0.262
0.0	. O.	n. 3	5.300	10750.	3277.	0.070	0.002	0.008	0.031	0.070	0.154
0.0	O.		2.400	11500.	3505.	0.056	0.002	0.006	0.025		0.122
0.0	O.	0.	2.700	11975.	3620.	0.047	0.001	0.005	0.021	0.054	0.569
0.0	n •		3.000	12250.	3734.	0.040	0.001	0.004		0.047	0.093
0.0	0.		3.500	12375	3024	0.031	0.001		0.018	0.040	0.070
0.0	0.	·	4.0C0	13500.	4115.	0.025	0.001	0.003	0.014	0.031	0.055
0,•0	0.		5.000	14200.	4328	0.018		0.003	0.011	0.035	0.044
0.0	n.		5.900	14830	4520	0.014	0.000	0.002	0.008	0.018	0.032
			•	1 TO 1 TO 1	₩020•	0.014	0.000	0.002	0.00A 1 .	0.014	0.035
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CDE	( MAXIMUM ).	···· INPI					•				
	ST MMD MUTE	STAT REEL									•
	24 202 750	-38 1	1 1 5		• • • • • • • • • • •	C TABILLET	LES - TRACE N	IJMBERS }	••••••	••••••	
	152 332 837	- 40 1		2 5						*	
	80 354 925	-38	1	2 5							-
	ins 400 1012				3 3						
-	136 436 1100	- 38 1	1 1 8		3 4 4 3		•				0
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	000 364 025	= 20 = 24 1	1 1 10		3 6 4 5						5
12 2		- 3 M ) - 3 Q 1	] ] ] ]		3 7 4 6				•		င္သာ
**		- 11	1 1 12	2 11	3 . 8 4 7	r . 4					

	JOB	ESSO	LINE	0711-2	BEGIN	VELOCITY FUN	ICTIONS	AT STACK	TD 20001	TRACE 12	24 CDES	S TO MEXIC
	T [ ME	AVG. VEL.	T/SEC	TUME TUME	AVG.VFL.	AVG.VEL.	ŃМО		5040 UITT	HILIHITING		
•	• • • • • • • •	· ( INDUT)	• • • • • • •	•••••		. 124 - 1-	( 60001)	1000'	2000*	ማ ነር፤ ነገር ነው። 4000፣	6000*	80001
	0.200	66.00.	4600 <b>.</b>							• • •	0.5.	
	0.900	7000.	7133	0.100	4600.	2012.	0.815	0.082	0.213	0.466	0.710	ე, იეი -
	1.300	8000.	10000*	0.200	6600.	2012.	- 0.731	0.051	0.163	0.416	0.660	0.950
	1.400	8900.	13600.	0.300	6667.	2032.	0.649	- 0.035	0.124	0.346	0.610	0.349
	2.200	10000.	12100.	0.400	6733	2052.	0.577	0.027	0.099	0.216	0.560	0.759
	4.000	12500.	15556.	0.500	6800.	2073.	0.514	0.021	0.080	0.272	0.510	0.700
	5.300	13200.	15000.	0.400	6867.	2093.	0.460	0.017	0.067	0.236	0.440	0.553
	0.0			0.700	6933.	2113.	0.413	0.015	0.057	0.207	0.413	. ପ୍ରଧର୍ଷ ଅ
	0.0	9.	0.	0.800	7000.	2134.	0.372	0.013	0.040	0.183	0.372	0.559
	0.0	Ú•	0.	0.900	7250.	2210.	0.323	0.011	0.041	0.156	0.323	0.603
	0.0	٠.	<b>^</b>	1.000	<b>75</b> 00.	2286.	0.281	0.000	0.035	0.133	0.281	0.459
		0.	. O.	1.100	7750.	2362.	0.245	0.008	0.030	0.115	0.245	0.409
	C.O	.0•	0.	. 1.200	800 <b>0.</b>	2438.	0.215	0:006	0.025	0.100	0.215	0.362
	0.0	Ŷ.	0.	1.400	8800.	2582.	0.157	0.005	0.018	0.072	0.157	0.240
	0.0	ŋ.	· • • •	1.600	9100.	2774.	0.131	0.094	0.015	0.059	0.131	0.225
•	0.0	<u>^</u>	<b>1.</b>	1.800	9400.	2855.	0.110	0.003	0.013	0.050	0.110	0.191 %
	0.0	つ•	O.	2•000°.	9700.	2957.	0.093	0.003	0.011	0.042	0.093	0.153
	0.0	0.	0.	2.200	10000.	3048.	0.030	0.002	0.009	0.035	0.030	0.141
	0.0	. 0.	Ο.	2.400	10278.	3133.	0.070	0.002	0.008	0.031	0.070	0.123
	0.0	<b>?</b> •	Û 🕶	2.700	10694.	3260.	0.058	0.002	0.006	0.026	0.058	0.102
	0.0	0.	ο.	3.000	11111.	3387.	0.048	0.001	0.005	0.022		
	0.0	0.	0.	3.500	11806.	3598.	0.037	0.001	0.004	0.016	0.048 0.037	0.085
	0.0	0.	0.	4.000	12500.	3810.	0.029	0.001	0.003			0.065
	0.0	0.	0.	5.000	13200	4023	0.021	0.001	0.002	0.013	0.023	0.051
	0.0	0.	0.	5.900	13830.	4215.	0.016	0.001		0.009	0.021	0.037
						12. 1	· / • (/ ), ()	<b>U.</b> 9:00	0.002	0.007	0.016	0.029
	COF	( MAXIMI		INPUT	٠			••		•		Ballya fellowel in the
	40 360		)12 -30	REEL	• • • • • • • •	10.10		LES - TRACE N	MABERS 1	• • • • • • • • • •	• • • • • • • • • • •	
. `	41 393			•		10 18 11 17			15 11 16	8 17 7	18 4 19	
	42 424		• •	1 8 23		10 19 11 19		3 14 15 12	16 9 17	8 19 5	19 4 29.	
	43 203	- /.	<del>-</del>	1 8 24		10 20 11 19	-		17 9 18	6 19 5	20 2 21	0
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	46 426	•	00 -40	1 10 23		12 19 13 18	14 15 1		18 9 19		21	- W
	- 47 - 425 - 47 - 303		97 - 39	1 10 24		12 20 13 19		5 15 19 10	19 9 20	6 21 5	•	
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		· (11)	13 -40	1 10 00.	15 51	13 13 15 17	11/ 15 1	7 14 12 12	1 1 1 20	-3	•	i i

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Jan	ESS0	LIME	0714-2	BECTN W	SELOCITY OF						
TIME	EEE	INT.VEL. T/Sec	TWO-WAY	AVG.VEL. FT/SEC ( APPLIED	AVG.VEL. M/SEC	NMO ( 6000*)	AT STACK	10 30001 MMO WIT 2000*	TRACE 12 H LIMITING	24 CDEC FACTOR	:
0.200 0.600 1.600 1.600 2.000 3.000 6.00 0.00 0.00 0.00 0.00 0.00	7000. 9200. 8400. 8500. 8700. 10000. 11500. 12500. 0. 0. 0. 0. 0. 0.	7000 8700 8700 9700 9300 15200 14500 16000 0 0 0 0 0 0 0	0.100 0.200 0.300 0.400 0.500 0.600 0.700 0.800 1.000 1.100 1.200 1.400 1.600 1.300 2.000 2.200 2.400 2.700 3.000 3.500 4.000 5.000	7000. 7000. 7000. 7325. 7650. 7075. 8300. 8350. 8400. 8425. 8450. 8475. 8500. 8700. 1000. 1050. 11500. 12500. 13830.	2134. 2134. 2134. 2233. 2332. 2431. 2530. 2545. 2560. 2568. 2576. 2583. 2571. 2652. 2850. 3048. 3139. 3231. 3368. 3505. 3658. 3810. 4023. 4215.	0.763 0.690 0.572 0.489 0.403 0.339 0.303 0.272 0.248 0.226 0.192 0.164 0.142 0.164 0.142 0.164 0.165 0.066 0.054 0.054 0.036 0.029 0.021 0.016	0.074 0.046 0.030 0.021 0.015 0.012 0.010 0.009 0.008 0.007 0.006 0.006 0.005 0.008 0.002 0.002 0.002 0.002 0.002 0.001 0.001	0.100 0.149 0.105 0.078 0.059 0.047 0.040 0.025 0.028 0.028 0.023 0.019 0.019 0.010 0.000 0.000 0.000 0.005 0.004 0.002	0.40× 0.759 0.359 0.259 0.259 0.170 0.148 0.131 0.118 0.106 0.097 0.089 0.075 0.065 0.050 0.040 0.034 0.029 0.029 0.020 0.013 0.013	0.010 0.539 0.439 0.439 0.339 0.339 0.339 0.272 0.248 0.272 0.248 0.164 0.164 0.164 0.076 0.076 0.054 0.054 0.059 0.021 0.016	0.735 0.735 0.735 0.735 0.535 0.535 0.444 0.406 0.377 0.325 0.133 0.154 0.154 0.154 0.154 0.053 0.053 0.053
. NO. DIS 64 360 55 393 66 426 67 393 68 360	8 368 10 6 400 11 6 432 11 6 404 11	TF STAT R 112 -34 00 -34 87 -34 00 +34 12 -34	NPUT EFL 1 20 2? 1 20 23 1 20 24 1 21 24 1 22 22	21 22 22 21 23 22 22 21 23	2 18 23 17 2 19 23 19 2 20 23 19 3 20 24 17 18 25 17	24 15 2 24 16 2 25 16 2	LES - TRACE N 5 13 - 26 12 5 14 - 27 12 5 15 - 28 10 6 13 - 28 11 7 13 - 28 12	HIMBERS ) 27 11 28 28 9 29 29 0 30 29 10 30	8 29 7 8 30 5 6 31 5 7 31 6	30 4 31 31 4 32 32 2 33 32 3 32	

1 22 22 23 21 24 18 25 17 26 14 27 13 28 12 29 11 30

1 23 24, 34 34 36 34 35 13 43 14 35 11 36 11 31 1 32 3

1 22 23 23 22 24 19 25 18 26 15 27 14 29 12 30 9 31 8 32 5 33 4 34 1

1 22 24 23 23 24 20 25 19 26 16 27 15 30 10 31 9 32 6 33 5 34 2 3 1

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Jan.,	ESSO L	TME. 0714-2	BEGIN VE	LOCITY FU	NCTIONS	AT STACK	10 40001	TRACE 12	24 COES	14 ; EAx.
T M M - W A Y	FEET/SEC	TIME	`AVG.VEL.S FT/SEC ( APPLTED )	M/SEC	( 6000°)	1000	5000. Ими АІТІ	T H.LIMITING F 4000*	'40108 - 60001	20001
0.200 0.400 1.400 1.300 2.200 3.000 4.000 0.0 0.0 0.0 0.0 0.0 0.	0. 0. 0. 0. 0. 0. 0.	0.209 0.0.0.300 0.0.0.400 0.0.500 5.0.600 0.700	7000. 7000. 7150. 7300. 7450. 7650. 7700. 7750. 7800. 7800. 8000. 8700. 8000. 81500. 11500. 11500. 13500. 14000. 15330.	2134. 2134. 2179. 2271. 2316. 2337. 2347. 2362. 2393. 2408. 2438. 2652. 2652. 3193. 3408. 2438. 2438. 2438. 2438. 2438. 24438. 2455. 3506. 3706. 3	0.763 0.690 0.591 0.514 0.448 0.392 0.351 0.287 0.282 0.239 0.220 0.189 0.142 0.110 0.081 0.061 0.053 0.028 0.028 0.023	0.074 0.046 0.031 0.023 0.018 0.012 0.010 0.009 0.008 0.007 0.007 0.007 0.006 0.008 0.007 0.001 0.001 0.001 0.001 0.001 0.001 0.000	0.149 0.149 0.110 0.085 0.069 0.055 0.047 0.041 0.036 0.020 0.026 0.027 0.013 0.007 0.006 0.005 0.005 0.003	0.42° 13° 0.378 0.378 0.328 0.278 0.278 0.198 0.174 0.154 0.137 0.124 0.112 0.087 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055	0.642 0.592 0.542 0.442 0.442 0.392 0.351 0.317 0.287 0.262 0.239 0.220 0.142 0.142 0.143 0.081 0.061 0.063 0.043 0.023 0.023 0.023	0.858 0.308 0.753 0.758 0.608 0.511 0.470 0.432 0.400 0.370 0.320 0.320 0.101 0.142 0.101 0.050 0.050 0.050
COF . WT. D 80 3 80 3 90 4 91 3 92 3 93 3 94 4 95 3	MAXIMUM ) IST YMO MUTE S 608 384 1012 936 420 1100 264 456 1187 936 420 1100 608 384 1012 936 420 1100 264 456 1187		33 21 34 33 22 34 33 23 34 34 21 35 35 21 36 35 22 36 35 23 36 26 21 37	18 35 1 19 35 1 20 35 1 20 36 1 18 37 1 19 37 1 20 37 1 20 38 1	. ( INPUT EII 7 36 14 37 8 36 15 37 9 36 16 37 7 37 16 38 7 38 14 36 8 38 15 36 7 30 16 46	JES - TRACE 7 13 38 12 7 14 39 12 7 15 40 10	0.001  NUMBERS 1 39 11 40 40 9 41 41 9 42 41 10 42 41 11 42 42 9 43 43 9 44 43 10 44 43 11 44	8 42 5 6 43 5 7 43 6 8 43 7 8 44 5 6 45 5 7 45 6	44 4 45 45 4 46 ~ 46 2 47	1 1

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1012

1 45 24 46 21 47 29

1 46 22 47 21 48 18

MacHill Familia

TWO-WAY	AVG. VEL.		TWO-WAY	AVG.VEL.	AVG.VEL.					•	S TO MEY
LIME	EEE	T/SEC	TIME	FT/SFC	MISEC	NMO		- NMO WIT	TH LIMITING	EACTOR	
•••••	· ( INPUT)	* * * * * * * *	••••••	CAPPLIED	)	( 6000*)	1000*	2000	4000	6000*	8000 <b>:</b>
` ∩.≱n <b>n</b> -	7000.	7000.	0.100	7000.	2134.	0.763	0.074	0.100	0.425	0.633	0.846
0.600	7700.	8050 <b>.</b>	0.200	7000.	2134.	0.680	0.046	0.149	0.375		
1.400	8200.	8575.	0.300	7175.	2187.	0.538	0.031	0.110	0.325	0.583	0.795
1.800	9000.	11800.	0.400	7350.	2240.	0.509	0.023	0.084	0.275	0.533	0.746
2.400	10500.	15900.	0.500	7525.	2294.	0.441	0.017	0.066		0.483	0.404
4.000	12500.	15500.	0.400	7700.	2347.	0.383	0.014	0.054	0.230	0.433	0.646
5.000	13200.	16000.	0.700	7763.	2366	0.343	0.012	0.045	0.1.04	0.383	0.596
0.0	0.	0.	0.301	7925	2385	0.309	0.010		0.169	0.343	0.546
0.0	0.	n.	0.900	7383	2404	0.278	0.003	0.040	0.149	0.309	0.498
0.0	ე.	0.	1.000	7950	2423.	0.253		0.035	0.133	0.278	0.455
0.0	γ.	0.	1.100	8012.	2442	0.231	0.008	0.031	0.119	0.253	0.419
0.0	<b>9.</b>	0.	1.200	8075.	2451.	0.211	0.007	0.028	0.103	0.231	<b>0.•</b> ≥ 5 €
0.0	n.	0.	1.400	8200	2499•		0.006	0.025	0.038	0.211	0.355
0.0	0.	ñ.	1.600	9600.		-0.180.	0.005	0.021	0.093	0.180	0.305
0.0	ó.	0.	1.300	9000	2621.	0.145	0.004	0.017	0.066	0.145	0.251
0.0	ý.	0.	5.000		2743.	0.119	0.003	0.014	0.054	0.119	0.208
0.0	0.	n	2.300	9500.	2896.	0.097	0.003	0.011	<b>0.</b> 044	0.097	- 0.170
0.0	0.	0.		10000.	3043.	0.080	0.003	,೧.೧೧೧	01036	<b>0.</b> 080	0.141
0.0	0.		2.400	10500.	3200.	0.067	0.002	0.008	0.030	0.057	0.119
0.0	0.	n.	2.700	10375.	3315.	0.056	0.002	0.006	0.025	0.056	0.093
0.0		Õ•	3.000	11250.	3429.	0.047	0.001	0.005	0.021	0.047	0.083
0.0	0.	.0.	3.500	11875.	3620•	0.036	0.001	0.004	0.016	0.036	0.044
0.0	?•	ō•	4.000	12500.	3810.	0.029	0.001	0.003	0.013	0.029	0.051
	j.	0.	5.000	13200.	4023.	0.021	0.001	0.002	0.009	0.021	0.037
0.0	0 •	0•	5.900	13830.	4215.	0.016	0.000	0.002	0.007	0.016	0.028
							•				
	-										
COF	••• ( MAXIM	· (*A - \	INPUT			•					
ុង០. ១០											
-	51 451 M		PEEL	• • • • • • • •		.( INPUT FIL	FS - TRACE MI	MRERS 1.			

1 44 24 45 23 46 20 47 19 48 16 49 15 52 10 53 90 54

49 17 50 14

.1 46 23 47 22 48 19 49 18 50 15 51 14 53 12 54 9 55

1 46 24 47 23 48 20 49 19 50 16 51 15 54 10 55 9 56 6

1 47 24 49 21 40 20 50 17 (6) 17 52 11 54 11 55 11 (5) 7

48 17 49 16 50 13 52 11 53 10

51 13 52 12 53 11

2-6

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J08.	• FSST	LIME	0714-2	BEGIN VELOC	ITY FUNCT	TIONS	AT STACK ID	60001	TPACE 12	24 CDES	אין דא≘יי מד 5	T,
LINE IMU-MV	FFF	INT.VEL.	TIME F	T/SEC M/	·VEL• SEC	И'nŪ	****		H LIMITING			
• • • • •	( TMPUT)		· · · · · · · (° ^1	PPLIED )	• • • • •	( 6000*)	1000'	20001	40001	4000 t	800 <b>0</b> :	
u•3n0	6500.	5500°	0.100	5500. 1	281.	0.828	0.083	0.217	0.446		0 745	
0.600		การก.			981.	0.744	0.052	0.167	0.440; 0.390	0.615 0.565	0.745 0.715	
`o900		11260			065.	0.635	0.032	0.121:	0.340	0.515	0.465	٠.
1.400		13200.		•	149.	0.540	0.024	0.090	0.290	0.455	0.415	4
1.600		14500.	•		233.	0.460	0.018	0.070	0.240	0.415	n.555	
4.000		15167.	The first of the second of the		316.	0.392	0.014	0.055	0.198	0.355	0.715	
5.000		17000.			450	0.321	0.011	0.043	0.158	0.315	9.465	
0.0	0.	0.			601.	0.265	0.009	2.034	0.127	0.265	0.415	
0.0	0.	n			743.	0.220	0.007	0.027	0.104	0.220	0.355	
0.0	0.	ń.			835.	0.190	0.006	0.023	0.089	0.130	0.313	
0.0	0.	0.		•	226	0.165	0.005	0.020	0.076	0.155	0.230	
0.0	0.	n.			018.	0.144	0.004	0.017	0.066	0.144	0.247	
0.0	0.	0.			200	0.112	0.003	0.013	0.051	0.112	0.194	
n.n.	0.	· O.•	1.600 1		353.	0.020	0.003	0.010	0.041	0.030	0.159	•
. O • O	n.	o.			416.	0.078	0.002	0.009	0.035	0.078	0.135	
0.0	0.	0.			480.	0.068	0.002	0.008	0.030	0.058	0.119	
0.0	0.	0.			543.	0.060	0.002	0.007	0.027	0.060	0.105	
0.0	r.	. O.	2.400 1	1933. 3	507.	0.053	0.001	0.006	0.024	0.053	0.003	
0.0	0.	0.	2.700 1		702.	0.045	0.001	0.005	0.020	0.045	0.079	
0.0	0.	<b>7.</b>	3.000 1		797.	0.039	0.001	0.004	0.017	0.038	0.062	
0.0	0.	. 0.	3.500 1	2979. 3	956.	0.030	0.001	0.003	0.014	0.030	0.934	
0.0	0.	^.	4.000 .1	3500. 4	115.	0.025	0.001	0.003	0.011	0.025	0.044	
ra	0.	0.	5.000 1	4200. 4	328.	0.018	0.000	0.002	0.008	0.018	0.032	
^•0	Ō.	0.	5.900 1	4930. 4	520.	0.014	0.000	0.002	0.006	0.014	0.025	
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		· · · · · ·	TNPUT									
			REEL	• • • • • • • • • •		INPUT FIL	ES - TRACE NU	IMBERS ).				
	-	101? -31		7 21 - 58 18	-	60 14 61		3 11 64		66 4 K	•	
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		[187 -30		7 23 - 58 20				55 9, 66	., .,	68 2 59	i 😂	
		1100 -30		8 21 59 20				5 10 66		68 <u>3</u> 69	200	
		1012 -30		9 21 - 60 18				5 11 66		68 4 6	2 3	
•		1100 -30		9 22 60 19				6 9 67		69 4 70		
	,	1197 -230		9 23 60 20				5 <b>7 9</b> 68		70 2 71		
143		1100 -20		0 81 61 80				7 10 68		70 3 71	?	
· ·	9700 900 1	1/10	1 40 35 6	1 21 32 12	43 17	166 TA 16	2 13 17 18 7	7 11 GP	R 60 7	max Z		Ĺ

0.500 /200. 0.500 /450. 0.500 /433. 0.600 /46/. 0.700 /500.

	յու	ESSO.	LÎNF	0714-2	BEGIN 1	VELOCITY FUR	ICTIONS	ŅΤ	STACK	In 70001	TRACE 12	24 CDES	TO NEXT
	TIME THU-MAY	AVG. VEL.	INT.VEL. T/SEC	TWN-WAY T[MF	AVO.VEL. FT/SEC	AVG.VEL.	<b>አ</b> ላባ	*		NMO UITE	LITUTEING	FACTOR	
	• • • • • • • •	. ( INPUT1	• • • • • • •				( 60001)	٠,	10001	2000*	40001	6000*	9000
	0.2:00	7000.	7000.	0.100	7000.	2134.	0.763		0.074	0.199	0.431	0.450	i) <b>.</b> 943
	0.500	7500.	7750.	0.200	7000.	2134.	0.680		0.046	0.149	0.381	0.500 0.500	•
1	1.000	7800.	8250	0.300	7125	2172.	0.594		0.031	0.111	0.321	0.550	0.773
•	1.200	9000.	15000.	0.400	7250.	2210.	0.519		0.023	0.086	0.281		2.743
	1.600	11000.	17000.	0.500	7375.	2249	0.455		0.018	0.069	0.239	0.500	0.693
	2.200	12500.	16500.	0.600	7500:	2286.	0.400		0.015	0.057		0.450	0.542
	4.000	14300.	14500.	0.700	7575.	2309	0.357		0.012	0.057	0.203	0.400	0.593
	5.000	15000.	17800.	0.300	7650.	2332.	0.320		0.011	0.048	0.177	0.357	0.543
	0.0	n.	ŋ.	0.900	7725.	2355.	0.239		0.000		0.156	0.320	0.403
	0.0	0.	0.	1.000	7800.	2377.	0.262			0.036	0.139	0.239	2.443
	0.0	0.	n.	1.100	8400	2560.	0.212		0.008	0.032	0.124	C.252	0.303
	0.0	0.	0.	1.200	9000.	2743.	0.173		0.006	0.025	0.000	0.212	7.343
	0.0	0.	0.	1.400	10000.	3048.			0.005	0.030	.0.080	0.173	0.293
	$\cap$ $\cap$	0.	າ.	1.500	11000.	3353.	0.123 0.990		0.004	0.014	0.056	0.123	0.212
	0.0	ó.	ő.	1.800	11500.	3505			0.003	0.010	0.041	0.090	0.158
	0.0	0.	0.	2.000	12000.		0.074		0.002	0.009	0.033	0.074	0-130
	0.0	0.	0.	2.200		3658.	0.062		0.002	0.007	0.023	0.052	0.108
	0.0	Ú.	0.	2.400	12500.	3810.	0.052		0.001	0.006	0.023	0.052	0.091
	0.0	0.	0.	2.700	12700.	3871.	0.046		0.001	0.005	0.021	0.046	ù•∪oi
	0.0	Ģ.	<del>-</del>		13000.	3962.	0.039		0.001	0.004	0.017	0.030	7.069
	0.0	. 0.	0.	3.000	13300.	4054.	0.034		0.001	0.004	0.015	0.034	0.060
	0.0		0.	3.500	13800.	4206 <b>.</b>	0.027		100.0	0.003	0.012	0.027	0.063
		<u> </u>	0.	4.000	14300.	4359.	0.022		0.001	0.002	0.010.	0.022	0.039
	0.0	Ω.	0.	5.000	15000.	4572.	0.016		0.000.	0.002	0.007	0.016	0.028
	<b>0 • 0</b>	Ů.	0.	5.900	15630.	4764.	0.012		0.000	0.001	0.006	0.012	0.022
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	, ,								•				
		( MAYIM!		INPUT									
	Au. Dis			REFL			( INPUT FI	TLES -	TRACE	NUMBERS 1		••••••	7, :
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	142 426		127 -28	1 68 24	69 23 7	70 20 71 19	72 16 1	73 15	76 10		6 79 5	90 2 81	, 0
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	145 303		100 :29	1 70 23		12 19 73 19		75 14	77 12	73 9 79	8 RO 5	81 4 82	1 1000
	166 426		187 -28	1. 70 24		72 20 73 19		75 15	78 10	79 9 80	6 81 5	32 2 93	ļ
	1/7 202		100 -20	1 71 24		73 20 74 17		76 13	78. 11	70 10 00	7 11 7	- 17 2 - 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	
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	JOB	<b>=</b> ⟨⟨0	'LINE.	0714-2	REGIN VI	ELOCITY FUNCT	IONS	Δ1	L STVCK I	n 180001 - 3	TRACE 12	2.4 COFS	TO SEAL A:
	TWO-WAY	AVG.VEL.	INT. VEL.	TMO-MVA	AVG.VEL.	AVG.VFL.	,		•			T. C. T. C. T.	
	TIME	FEE	T/SFC	LINE	FT/SFC	M/SEC ·	viw C	٠			TIMITING		93001
		** ( TNPUT)		(	( APPLIED	) (	6000!)		1000 <b>'</b> 5	.2000*	4000°	6000*	0.3024
	0.200	63.00 •	6300.	0.100	6300.	1920.	0.858		0.038	0.225	0.466	0.674	0.871
	0.500	6900.	7300.	0.200	6300.	1920.	0.773		0.055	0.175	0.416	0.624	0.821.
		7600.	8767 <b>.</b>	0.300	6500.	1931.	0.671		0.037	0.130	0.366	0.574	7.771
٠ ٠.	0.800				6700.	2042.	0.581		0.027	0.059	0.316	0.524	0.721
٠.	1.100	8000.	9067.	0.400					0.021	0.078	0.266	0.474	0.671
	1.600	10500.	16000.	0.500	6900.	2103.	0.503		.0.016	0.062	0.221	0.424	0.621
	2.000	12300.	19500.	· 0.4600	. 7133.	2174.	0.433				0.196	0.374	0.571
	2.400	12900.	15900.	0.700	7367	2245.	0.374		0.013	0.051			0.521
	4.000	13700.	14900.	0.300	<b>7</b> 500•	2316.	0.324		0.011	0.042	0.158	0.324	
	5.000	14400.	17200.	0.900	7733.	2357.	0.298		0.009	0.036	0.139	0.298	0.471
	0.0	ე•	0.	1.000	7367.	2398.	0.259		0.003	.0∙032	0.122	0.258	0.425
	0.0	0.	0.	1.100	8000.	2438	-0.231		0.007	0.023	<b>0.</b> 103	0.231	0.375
	0.0	0.	0.	1.200	8500.	2591.	0.192		0.006	0.023	0.089	0.102	0.325
	0.0	n.	0.	1.400	9500.	2896.	0.136		0.004	0.016	0.062	0.136	0.234
	0.0	0.	n, ö.	1.600	10500.	3200.	0.099	,	0.003	0.011	.0.045	0.099	0.172
	0.0	0.	n •	1.800	11400.	3475.	0.075		0.002	0.009	0.034	0.075	0.132
	0.0	0.	0 •	2.000	12300.	3749.	0.059		0.002	0.007	0.026	0.059	0.103
	-			2.200	12500.	3840.	0.051	,	0.001	0.006	0.023	0.051	0.090
•	0.0	<u>^</u> .	ú.*			3932.	0.045		0.001	0.005	0.020	0.045	0.779
	0.0	<u>^</u>	Ö•	2.400	12900.				0.001	0.004	0.017	0.039	0.069
•	0.0	· 0.	0.	2.700	13050•	3978.	0.039			0.004	0.015	0.034	0,061
	0.0	0.	0.	3.000	13200.	4023.	0.034		0.001			0.028	0.050
	0.0	0.	n.	3.500	13450.	4100.	0.028		0.001	0.003	0.013		0.042
-	0.0	· O•	0.	4.000	13700 • '	4176.	0.024		0.001	0.003	0.011	0.024	
	0.0	0.	· 0 •	5.000	14400.	4389.	0.017		0.000	0.002	0.008	0.017	0.031
	0.0	0.	0.	5.900	15030.	4581.	0.013		0.000 -	0.001	0.005	0.013	0.024
	•					•				•			
	60¢		(IIM )	TMPUT	,						•		
	-			•			TAIDIIT	CHEC	- TDACE N	MMBERS )			
			TUTE STAT	REFL	********					87 11 88	8 39 7	90 4 9	1 3
	, - · ·		012 - 34	1 80 22		32-18 83 17	R4 14	85 13		· · · · · ·	8 90 5	91 4 9	
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	188	3508 408 1	.012 -34	1 82 22		14 18 85 17	86 14	87 13		80 II, 80	8 91 7	92 4 9	<b>D</b> a
			1100 -33	1 82 23	83 22 8	34 19 . 85 18	86 15	87 14	89 12	90 9 91	8 32 5	93 4 9	
			197 % -34	1 82 24		34 20 85 19	86 16	97 15	90 10	91 9 92	6 73 5	. 94 ? 00	
			1100 -33	1 93 24		35 20 86 17	87 16	38 13	3 90 11	91 10 92	7 93 6	74 3 25	•
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COF ( MAXIMUM ) IMPUT  YO. DIST MMD MUTE STAT REFL	•	\ \ <b>.</b>		. 5.4900°	14930.	4520.	0.014	0.000				
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JOB	essó	LIME	0714-2	BEGIN	VELOCITY FU	NOTIONS	AT STACK	100001	TRACE 12	48 COFS	ָּ זַרְ אַלָּצִרּ זְיִם אַלָּצִרּ
TIME		TMT.VEL. T/SEC	TWN-WAY	AVG.VEL. FT/SEC APPLIED	AVG.VEL. M/SEC	0,600 ( 6,000 )	1000'	NMO WITH 2000*	LIMITING (	FACTOR 6000*	9000 t
0.200 0.600 1.400 1.600 2.400 4.000 0.0 0.0 0.0 0.0 0.0 0.	7000. 7600. 9400. 9300. 11500. 13000. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	7000. 7000. 9000. 9000. 15000. 1500. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0.100 0.200 0.300 0.400 0.500 0.700 0.300 1.000 1.100 1.200 1.400 1.400 1.400 2.000 2.700 2.700 2.700 3.000	7000. 7000. 7150. 7300. 7450. 7450. 7700. 7800. 8000. 8100. 8200. 8400. 9300. 9450. 10400. 11500. 11781. 12063. 12571.	2134. 2134. 2179. 2225. 2271. 2316. 2347. 2408. 2469. 2469. 2560. 2835. 3002. 3170. 3338. 3505. 3591. 3677. 3820. 3962.	0.763 0.680 0.591 0.514 0.443 0.392 0.347 0.310 0.278 0.226 0.250 0.226 0.205 0.172 0.125 0.100 0.082 0.067 0.082 0.041 0.033 0.027	0.074 0.046 0.031 0.023 0.018 0.014 0.012 0.010 0.009 0.008 0.007 0.006 0.005 0.004 0.005 0.002 0.002 0.002 0.001 0.001	0.129 0.149 0.149 0.085 0.085 0.055 0.047 0.040 0.035 0.031 0.027 0.025 0.020 0.014 0.011 0.009 0.008 0.006 0.005 0.005	0.428 0.378 0.328 0.278 0.234 0.199 0.172 0.150 0.133 0.118 0.106 0.095 0.079 0.057 0.057 0.057 0.037 0.037 0.035 0.031 0.018 0.018	0.642 0.592 0.542 0.492 0.442 0.302 0.347 0.310 0.279 0.250	0.851 0.751 0.761 0.551 0.661 0.551 0.551 0.455 0.414 0.378 0.217 0.143 0.143 0.143 0.143 0.143 0.143 0.166 0.166
0.0 0.0	0.	0.	5.000 5.900	13700. 14330.	4176. 4368.	0.019 0.015	0.001 0.000	0.002 0.003	0.009 0.007	0.019 0.015	0.034
Mn. Int 232 36 233 39 234 42 235 39 216 36 237 39 238 42 239 39	08 384 1 36 420 1 64 460 1 36 424 1 08 383 1 36 424 1 64 464 1 36 429 1		EFL	5 21 5 22 5 23 6 21 7 21 7 22 7 23 8 21 9 21	6 18 7 1 6 19 7 1 6 20 7 1 7 20 8 1 8 18 9 1 8 19 9 1 8 20 9 1 9 20 10 1	7 8 14 9 8 8 15 9 9 8 16 9 7 9 16 10 7 10 14 11 8 10 15 11 9 10 16 11 7 11 16 12	ES - TRACE 13 10 12 14 11 12 15 12 10 13 12 11 13 12 12 14 13 12 15 14 10 13 14 11 13 14 12	NUMBERS 1 11 11 12 12 9 13 13 9 14 13 10 14 14 9 15 15 10 16 15 11 16	8 13 7 8 14 5 6 15 5 7 15 6 8 15 7 8 16 5 6 17 5 7 17 6 8 17 7	14 4 15 15 4 16 16 2 17 16 3 17 16 4 17 17 4 19 13 2 19 18 3 10 18 4 17	0 0 0 7 2 7 3 3 1

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JOP	ESSO	LIMF	0714-2	BEGIN 1	VELOCITY FU	JNCT LONS	AT STACK ID	120001	TRACE 12	48 CDES	ג דח מפעד עי
THO-WAY		INT.VEL.	TWO-WAY TIME	AVG.VEL.	AVG.VEL.	имп		NMO WÍT	H LIMITING	FACTOR	
	. ( INPUT)				)	( 6000')	TOUO.	20001	40001	<b>₽</b> 000 • -	8000
0.200	6400.	5400.	0.100	6400.	1951.	0.843	0.086	0.221	0.474	0.708	0.923
n.ann:	7100.	7333.	0.200	6400.	1951.	0.759	0.054	0.171	0.424	0.658	0.273
1.200	7700.	3900.	0.300	6517.	1986.	. 0.668	0.037	0.120	0.374	0.508	C•∪Š3
1.600	2600.	15300.	0.400	6633.	2022.	0.589	0.027	0.101	0.324	0.558	0.773
2.200	11000.	14773.	0.500	6750.	2057.	0.520	0.021	0.081	0.275	0.508	0.723 .
4,000	13000.	15444.	0.400	6867.	2093.	0.460	0.017	0.067	0.236	0.458	0.673
5.000	13700.	16500.	0.700.	6993.	2129.	0.409	0.014	0.056	0.204	0.408	0.623
r.)	0.	n <b>.</b>	0.900	7100.	2164.	0.364	0.012	0.048	0.178	0.364	0.573
0.0	0.	n	0.900	7250.	2210.	0.323	0.011	0.041	0.156	0.323	0.523
0.0.	0.	0.	1.000	7400.	2256.	0.287	0.009	0,036	0.137	0.297	0.473
0.0	n .	0.	1.100	7550.	2301.	0.257	0.008	0.031	0.121	0.257	0.427
0.0	n.	0.	1.200	7700.	2347.	0.231	0.007	0.028	0.109	0.231	0.378
0.0	0.	0.	1.400	8650.	2637.	0.162	0.005	0.019	0.074	0.162	0.279
r.n	0.	, ñ	1.600	9600.	2026.	0.118	0.003	0.014	0.053	0.148	0.70%
9.0	0.	0.	1,000	10067.	3068.	0.096	0.003	0.011	0.043	0.096	0.163
0.0	0.	n.	2.000	10533.	3211.	0.080	0.002	0.000	0.036	`∂•∩ୱ∩	0.139
0.0	o.	n. /	2.200	11000.	3353.	0.067	0.002	0.007	0.030	0.067	0.117
0.0	0.	n.	2.400	11232.	3421.	0.059	0.002	0.007	0.026	0.059	0.104
0.0	ń.	0.	2.700	11556.	3522.	0.049	0.001	0.006	0.022	0.049	0.087
0.0	0.	ő.	3.000	11389.	3624.	0.042	0.001	0.005	0.019	0.042	0.075
0.0	ő.	ń.	3.500	12444	3793.	0.033	0.001	0.004	0.015	0.033	0.050
0.0	ñ.	0.	4.000	13000.	3962.	0.027	0.001	0.003	0.012	0.027	0.047
0.0	0.	Λ.	5.000	13700.	4176.	0.019	0.001	0.002	0.009	. 0.019	0.034
0.0	0.	n.	5,200	14330.	4368.	0.015	0.000	0.002	0.007	0.015	0.026
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Jan	r \$50	LINE	9714-2	BEGIN '	VELOCITY FUN	ICTIONS	AT STACK ID	140001	TPACE 12	43 CDES	יין הו
T NO - M AY	-			AVG.VEL.	AVG.VEL.		•	NING HITT	or the throat	F 1 C T C C	
TIME		T/SEC	TIME (	FIVSEC -	M/SEC	( 6000 <u>"</u> ) Имо	10001	2000!	HILIMITING P 40001	6000	80001
م م م	7000	7000		7000	2134.	0.763	0.074	0.199	0.417	0.539	2.262
0.200	7000.	7000. 8000.	0.200	7000. 7000.	2134.	0.680	0.046	0.147	0.367	0.599	0.812
, n.40h	7500 ·			7250	2210.	0.590 0.590	0.030	0.108	0.317	0.530	0.752
0,600	7500.	7800.	0.300 0.400	7500.	2286.	0.494	0.022	0.081	0.267	9.499	0.712
1.200	7700.	7800.	0.400	7550.	2301.	0.439	0.017	0.066	0.228	0.439	0.662
1.500	9000	9207.		7500.	2316.	0.392	0.017	0.055	0.198	0.392	0.412
1.800	9000.	14000.	0.400		2322.	0.354	0.012	0.049	0.175	0.354	0.542
2.200	11000.	20000.	0.700	7617. 7633.	2327.	0.322	0.011	0.042	0.156	0.322	0.513
4.000	13000.	15464.	0.300		2332	0.294	0.009	0.037	0.141	0.294	0.490
5.000	13700.	16500.	0.300	7650.			0.009	0.033	0.120	0.270	0.445
0.0	0.	0.	1.000	7667.	2337.	0.270		0.030	0.117	0.249	0.415
0.0	. <u>0</u> •	<u>٠</u> •	1.100	7583.	2342.	0.249	0.008	0.000	0.108	0.231	0.397
0.0	٠٠		1.200	7700.	2347.	0.231	0.007	0.023	0.089	0.193	0.329
0.0	0.	() •	1.400	7900.	2408.	0.193	-0.006	0.023	0.070	0.155	0.266
0.0	<u>٠</u> •	0.	1.600	8333.	2540	0.155	0.004		0.054	0.119	0.208
0.0	· O •	Ú•	1.900	9000.	2743.	0.119	0.003	0.014		0.088	0.154
O • O	n.	0.	5.000	10000.	3049.	0.088	0.002	0.010	0.040	0.067	0.117
0.0	· 0.•	<b>1.</b>	2.200	11000.	3353.	0.067	0.002	0.007	0.030	0.059	0.104
0.0	Λ.	0.	2.400	11222•	3421.	0.059	0.002	0.007	0.026		0.17
0.0	٠.	. 0.	2.700	11556.	3522.	0.049	0.001	0.006	0.022	0.049	0.075
0.0	0 •	Λ.	3.000	11889.	3624.	0.042	0.001	0.005	0.019	0.042	ብ ተር ነገ የሚሰዱ ነገ
Ú•Ú	0.	0.	3.500	12444.	3793.	0.033	0.001	0.004	0.015	0.033	· -
0.0	0.	<b>9.</b> .	4.000	13000.	3962.	0.027	0.001	0.003	0.012	0.027	0.047
0.0	0.	Λ.	5.000	13700.		0.019	0.001	0.002	0.009 .	0.019	0.034
0.0	0.	n.	5.700	14330.	4368.	0.015	0.000	0-002	.0.007	0.015	0.026
	•										
		*			•		•		•		
-											
CDF	( MAXI	мUн )	INDUT		•						
MU* (	DIST VMD 5	MUTE STAT	REFL		• • • • • • • • • •	· ( IMBUT EI	LES - TRACE N			• • • • • • •	• • • •
2.28	3608 376 T	1012 -32	2 52 22	53 21	54 18 55 1		7 13 58 12.			62 4 6	
329	3936 408 1	1100 -33	2 52 23	53 22	54 19 55 1	8 56 15 5		90 a 91		63 4 A	
330	4764 444	1187 -32	2 52 24	53 23	54 20 55 1	9 56 16 5	7 15 60 10	61 9 63		64 2 6	
331	3936 403	1100 -33	2 53 24	54 21	55 20 55 1	7 57 16 5		61 10   63		<i>6</i> 4 3 6	•
	3608 376	1012 -32	2 54 22	55 21	55 18 57 1	7 53 14 5	9 13 60 12	61,11 62		64 4 5	. 647
333	3936 408	1100 -33	2 54 23	55 22	56 19 57 1	8 58 15 5	9 14 61 12	62 9 63		55 4 6	665
· .	-	1187 -33	2 54 24	55 23	56 20 57 1	9 58 16 5	9 15 62 10	63 9 64		1.66 2 6	7
		1100 -33	2 55 24	56 21	57 20 59 1	7 59 16 6	0 13 62 11	63 10 64	4 7 65 6	66 3 6	
936		1.12 -32	2 56 22	57 21	59 19 50 1	7 60 14 4		63 11 A	4 8 65 T	44 4	7 7
						•	2 5 9	· · · · · · · · · · · · · · · · · · ·	The state of the s	100	

			. "•					•				
	JOB.	• FSSO	LINE	0714-2	BEGIN	VELOCITY FU	INCTIONS	AT STACK E	160001	TRACE 12	48 COES	LO WENT
	TMU-NV TIME	FEE	INT.VEL. FT/SEC	TWO-WAY TIME	AVG.VEL. ET/SEC ( APPLIED	AVG.VEL. M/SEC	NMO ( 6000!)	1000'	- NMO WITH	LIMITING	FACTOR	გევი!
							• • • • • • • • •			, .		• •
	0.500	· · · · ·	7000.	0.100	7000.	2134.	0.763	0.074	0.103	0.422	0.434	0.359
	0.500		<u> გეიე.</u>	<b>v.</b> Suv.	7000.	2134.	0.680	0.046	0.149	0.372	0.594	0.303
•	1.500		7043.	0.300	7200°.	2195.	0.586	0.031	0.1,09	0.355	0.534	0.793
	1.600		11400.	0.400	7400.	2256	0.504	0.022	0.083	0.272	0.484	0.709
	1.800		1 8600 •	0.500	7600.	2316.	0.434	0.017	0.065	0.224	0.434	ପ୍ୟୁୟ୍ୟର
	2,200		17500.	0.60 <b>0</b>	7629.	2325.	0.389	0.014	0.055	0.197	0.389	9.509
	4.000		15200.	0.700	7657	2334	0.351	0.012	0.047	0.173	0.351	9.558
	5.000		16500.	0.300	7686.	2343.	0.318	9.011	0.041	0.154	0.318	0.513
	0.0	n.	0.	0.900	7714.	2351.	0.290	0.009	0.037	0.138	0.230	0.473
	r. j	0.	0.	1.000	7743.	2360.	0.265	0.003	0.033	0.126	0.265	<u>ে.</u> 4.3.৪
	0.0	0.	0.	1.100	7771.	2369.	0.244	0.007	0.030	0.114	0.244	0.407
	r.a	<u>0</u> .	<b>^</b> •	1.300	7500.	?377.	0.225	. 0.007	0.027	0.105	0.225	0.379
		ე`•	0.	1.400	8250.	2515.	C.178	0.005	0.021	0.032 .	0.178	0.303
		9.	0.	I.600	8700.	2652.	0.142	0.004	0.016	0.065	0.142	0.245
	. 3	0.	<b>?</b> •	1.800	9800.	2987.	0.101	0.003	0.012	0.045	0.101	0.175
	1. O	ç.	0.	2.000	10500.	3200.	0.080	u•uös	0.009	0.036	0.090	0.140
	j.j	o.	0.	2.200	11200.	3414.	0.064	0.002	. 0.007	0.029	0.064	0.113
	0.0	٥.	<b>n</b> •	2.400	11400.	3475.	0.057	0.00%	0.006	0.026	0.057	o. Loo
	0.0	<u>n</u> .	<u>?</u> .	2.700	11700.	3566.	0.048	0.001	0.005	0.035	0.048	0.025
	ù•u	. 0.	0.	3.000	12000.	3658.	0.041	0.001	0.005	0.018	0.041	0.073
	0.0	0.	0.	3.500	12500.	3810.	0.033	0.001	0.004	7.015	0.033	0.058
	0.0	0.	9.	4.000	13000.	3962.	0.027	0.001	0.003	0.012	0.027	0.047
	0.0	ņ	0.	5.000	13700.	4176.	0.019	0.001	0.002	0.009 -	0.019	0.034
	0.0	0.	0.	5,900	14330.	4368.	0.015	0.000	0.002	0.007	0.015	0.026
	CDF	MAXI	#1154 N	INPUT								
	40.			(NEU) (FEL			C THINLET EXIC	C TOACE N	HUDEDO A			
	276				77 71	70 10 70 1		S - TRACE N	-	8 85 7		7 3
	377		1012 - <b>-</b> 30 1100 <b>-</b> 29	2 76 22		78 18 79 1			83 11 84			
	378		1100 -29 1187 -30	2 76 23 2 76 24		78 19 79 1			84 9 85 85 9 86	8 86 5 6 87 5		
	370		1100 -29	2 77 24		78 20 79 1				• • • •		_
	3 9 O		1012 -30	2 78 22		79 20 80 ]			85 10 86 85 11 84	7 87 6	લલ 3 લલ 4	$\preceq$
	381		1100 -29	2 78 23		80 18 81 1			P5 11 96	8 87 7		
	365		1100 -29 1187 -30	2 78 23		80 19 81 1			86 9 87	8 33 5 6 89 2		•
	२१३ ३१३		1100 -29	2 79 24		80 20 81 1			97 9 99 97 10 88	6 89 2 7 89 3		
	234		1012 -30	2 90 24		81 20 82 1 82 18 83 1			87 10 - 88 - 87 11 - 188 -	्रास्थान्य १ १० ४	an 3	
	•	9.50	11112 - 311	X 40. 33	71 (1	08 15 B5 B	17 84 14 85	15 8h 17	M ( 11 - 55 )	* 31 4	· · · · · · ·	

Joa	ESSO	LINE	0714-2	BEGIN Y	VELOCITY FU	NCTIONS	AT STACK	ID 180001	TRACE: 12	48 CDES	S TO NEXT VEL
THOHMAY	AVG.VFL.		TWO-MVA	AVG.VFL.	AVG.VEL.						
TIME		T/SEC	TIME	FT/SEC	MISEC	MMO		· · · · · · ·	A FIMILIAS		
• • • • • • •	. ( INPUT)		•••••	( APPLIED	)	( 6000°),	1,000 •	. 20001	4000*	6000	80001
0.200	67,00.	6700.	0.100	6700.	.2042.	0.801	0.080	0.209	0.448	0.667	0.871
∩'• 300°	7600.	7900.	0.200	6700.	2042.	0.718	0.650	0.159	0.398	0.617	0.031
.1.100	8000.	9067.	0.300 -	6950.	2098.	0.626	0.034	0.119,	0.348	0.567	0.771
1.600	9500.	12800.	0.400	7000.	2134.	0.546	0.025	0.092	0.298	0.517	0.721
2 <b>.</b> 000	11400.	19000.	0.500	7150.	2179.	0.477	0.019	0.073	0.250	0.467	0.673
2.400	12000.	15000.	0,600	7300.	2225.	0.418	0.015	0.060	0.213	0.417	0./21
4.000	13500.	15750.	0.700	7450.	2271.	0.347	0.013	0.050	0.182	0.367	0.571
5.000	14200.	17000.	.0.800	7600.	2316.	0.324	0.011	0.042	0.158	0.324	0.521
0.1	· 0.	ο	0.300	7733.	2357.	0.298	0.009	0.036	0.138	0.238	0.471
$c \cdot o$	0.	Λ.	1.000	7867.	2398.	0.258	0.008	0.032	0.122	0.258	0.425
O.O	0.	· 0.	1.100	8000.	2438.	0.231	0.007	0.028	0.108	0.231	0.387
0.0	<b>1</b> •.	<b>^</b> •	1.200	8300.	2530.	0.201	0.006	0.024	0.093	0.201	0.339
. n • n	0.	· 0.	1.400	გვიიი.	2713	0.154	0.005	0.018	0.070	0.154	0.264
0.0	0.	0 .	1.600	9500.	2896	0.120	0.003	0.014	0.054	0.120	0.208
0.0	n.	. n.	1.900	10450.	3185	0.039	0.003	0.010	0.040	0.089	0.156
0.0	` 。 .	0.	2.000	11400.	3475.	0.068	0.002	0.003	0.031	0.059	0.130
n <b>.</b> n	0.	0.	2.200	11700.	3566.	0.059	0.002	0.007	0.026	0.059	0.104
0.0	0.	<b>^.</b>	2.400	12000.	3658.	0.052	0.001	0.006	0.023	0.052	0.031
0.0	0.	<b>^.</b>	2.700	12281.	3743.	0.044	0.001	0.005	0.020	0.044	0.077
0.0	0.	0.	3.000	12563.	3829.	0.038	0.001	0.004	0.017	0.038	0.067
^.0	0.	0.	3.500	13031.	3972.	0.030	0.001	0.003	0.013	0.030	0.(53
0.0	0.	0.	4.000	13500.	4115.	0.025	0.001	0.003	0.011	0.025	0.044
0.0	. o.	0.	5.000	14200.	4328.	0.018	0.000	0.002	0.008	- 0.018	0.032
0.0	, Ó •	0.	5,900	14830.	4520.	0.014	0.000	0.002	0.006	0.014	0.025
		,								•	•
COF	I MAXEM	UM )	INPUT				٠ .				
AU. DI	M CMV TS	HTE STAT !	REFE		• • • • • • • • • •	. ( IMPHT FIL	ES - TRACE	NUMBERS ).	• • • • • • • • •		• • • •
424 36	08 - 400 1	01225	2 99 22	0.21	1 18 2 1		13 5 12	6 11 7	8 8 7	9 4 1	0 3
425 39	36 440 1	100 -25	2 99 23		1 19 2 1		14 5 12	7 9 9	-	10 4, 1	
425 42		187 -25	3 79 24		1 20 2 1		15 7 10	8 9 9		11 2 1	2 1
		100 -25	3 0 24		2 20 3 1		13 + 7 11	8 10 9			
		012 -25	3 1 22		3 19 4 1		13 7 12	8 11 9		11 4 1	n n
429 39		100 -25	3 1 23		3 19 4 1		14 8 12	9 0 10	-		7
430 42		197 25	3 1 24		3 20 4 1			10 9 11		,	near.

4 19 5 15

5 17 6 16

6 17 7, 14

6 15 .9 10 10 9 11 6 12

7 13 9 11 10 10 11 7 12 6 13 3 14 2

8 13 9 12 10 11 11 9 12 7 13 4 11 3

430 4264 476 1197 - 405 -

431 3976 436 1100

12 344 5 404 1212

3 1 24

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- 25

, 3 C

2 23

3 21

3 20

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4 21 . 5 19

5 13 2 14 1

1∪5 • •	ESSO	LIME	0714-2	BEGIN	VELOCITY FUN	CTIONS	AT STACK	10 200001	TRACE 12	48 CDES	TO MEXT	, VEL
TYD-WAY TIME		INT.VEL. T/SEC	TWO-WAY TIME	AVG.VEL. FT/SEC APPLIED	AVG.VEL. M/SEC	NMO ( 60001) -	1000'	NMO WIT	H LIMITING	FACTOR	9000 •	
0.200	7000.	7000.	0.100	7000.	2134.	0.763	0.074	0.100	0.428	0.658	0.004	
0.400	7300.	7600.	0.300	7000.	2134	0.680	0.046	0.149	0.379	0.508	0.004 0.834	
1.100	7600.	7771.	0.300	7150.	2179.	0.571	0.031	0.110 %	0.328	0.558	0.734	
1.400		11333.	0.400	7300.	22?5.	0.514	0.023	0.095	0.278	0.503	0.734	•
3.000	10500.	15400.	0.500	7343.	2233.	0.458	0.018	0.069	0.230	0.458	0.434	. *
2.400	11500.	16500.	0.600	7386.	2251.	0.410	0.015	0.058	0.209	0.410	0.434	,
4.000	13000.	15250.	0.700	7429.	?264.	0.369	0.013	0.050	0.183	0.369		
5.000	13700.	16500.	0.000	7471.	2277.	0.334	0.011	0.044	0.163	0.334	0.594 0.537	
0.0	n.	ე.	0.900	7514.	2290.	0.303	0.010	0.039	0.145	0.303	0.494	1
C•0	0.	. O •	1.200	7557.	2303.	0.277	0.009	0.034	0.131	0.277	0.455	
0 • O.	0.	ົງ <b>.</b>	1.100	7600.	2315.	0.254	0.008	0.031	0.119	0.254	0.423	
0.0	n.	Λ.	1.200	7867.	2398.	0.232	0.007	0.027	0.103	0.222	0.373	
0.0	·n •	0.	1.400	8400.	2560.	0.172	0.005	0.020	0.103	0.172	0°333 5∙353	
U.O .	0.	٠ <u>٠</u> .	1.600	9100.	2774.	0.131	0.004	0.015	0.059	0.131	0.225	
	r √ N.	).	1.900	9800.	2987.	0.101	0.003	0.012	0.046	0.101	0.176	
0.0	ů•	O .	2.000	1.0500.	3200.	0.080	0.002	0.009	0.036	0.080	0.140	
r.n	0.	0.	2.200	11000.	3353.	0.067	0.002	0.007	0.030	0.067	0.117	
0.0	0.	0.	2.400	11500.	3505.	0.056	0.002	0.006	0.025	0.056	0.030	
, r.o.	O.	n.	2.700	11781.	3591.	0.043	0.001	0.005	0.021	0.036	0.094	*
r.a .	೨•.	n.	3.000	12063.	3677.	0.041	0.001	0.005	0.018	0.041	0.072	
( • ) ·	0.	Λ.	3.500	12531.	3820.	0.033	0.001	0.004	0.015	0.033	0.658	
· 0.0	Λ.	. 0.	4.000	13000.	3962.	0.027	0.001	0.003	0.017	0.027	0.047	
0. n	· 0.	0.	5.000	13700.	4176.	0.012	0.001	. 0.002	0.009	0.019	0.034	
O • O ·	<b>?•</b>	n 🕻	5.900	14330.	4368.	0.015	0.000	0.002	0.007	0.015	0.026	ı
	··· ( MVXIA		INDIIT							*************************************	V • V & E	:
510 · • [iii]			REEL		• • • • • • • • • • • • •	INPUT ETL	ES - TRACE	NIMBERS ).				
. 472 360		012 -26	3 23 22	24 21	25 18 26 17		13 29 12	30 11 31	8 32 7	33 4 34	• • <u>•</u> 3	
473 303		100 -27	3 23 23	24 22			14 30 12	31 9 32	8 33 5	34 4 35 34 4 35		•
474 427		187 -26	3 23 24		25 20 26 19		15 31 10	32 9 33	6. 34 5	35 2 36	1	0
475 303	•	100 -27	3 24 24.		26 20 27 17		9 13 31 11	32 10 33	7 34 6	35 - 3 - 36	2	1.
476 360	•	012 -27	3 25 22		27 18 28 17		13 31 12	32 11 33	9 34 7	- 35 - 3 - 36 - 35 - 4 - 36	••	<b>1</b>
477 303	36 420 1	100 -27	3 25 23		27 19 28 18		14 32 12	$\frac{32}{33}$ 9 34			3 .	100
4.78 424	4 456 1	197 - 57		26 22			14 32 12	93 7 34	8 35 5	36. 4 37	1	ķ

3 25 24 26 23 27 20 28 19 20 16 30 15 33 10 34 9 35

3 26 24 27 21 28 20 29 17 30 16 31 13 33 11 34 10 35 7 36 6 37 3 38 2 3 7 77 77 78 79 19 30 17 31 17 32 17 33 12 34 11 31 4 36 7 37 37 4 31 5

- 2.7

-27

478 4264 456 1197

479 3936 420 4100

3500 200 1012

.400 776 .000 76 .400 81 .000 100 .000 125 .000 137	000. 400. 600. 100. 000.	7000. 7800. 7733. 9350. 14432.	0.100 0.200 0.300 0.400 0.500	7000. 7000. 7000. 7200. 7400.	M/SEC ) 2134. 2134. 2105.	0.763	0.074 0.046	2000'	1.IMYTING 4000* - 0.422	60001	0.876
.400 774 .000 764 .400 81 .000 100 .000 125 .000 137	400. 600. 100. 000. 500.	7800. 7733. 9350. 14432. 15000.	0.200 0.300 0.400	7000. 7200.	2134.			· ·		0.540	0.476
.000 76 .400 81 .000 100 .000 125 .000 137	600. 190. 000 500.	7733. 9350. 14432. 15000.	0.300. 0.400	7200.				· ·			
.400 83 .000 100 .000 135 .000 135	100. 000 500.	9350. 14432. 15000.	0.400		2105			0.149	0.372	0.549	0,004
.000 100 .000 125 .000 135 .0	000. 500. 200.	14432. 15000.		7400		0.586	0.031	0.109%	0.322	0.549	0.776
.000 125 .000 132 .0	500. 200	15000.	0.500	₹ 4E3,111 •	2256	0.504	0.122	0.083	0.272	0.499	0.726
.000 132 .0 .0	200.		₩ • 7224	7433.	2266.	0.449	0.013	0.048	0.235	0.449	0.676
.n .n			0.600	7467.	2276.	0.403	0.015	0.057	0.204	0.403	0.526
• 0	^	16000.	0.700	7500.	2286.	0.363	0.013	0.049	0.180	0.363	0.576
	() •	٥.	0.800	7533.	2296.	0.329	0.011	0.043	0.160	0.329	0.520
	0.	↑ <b>.</b>	0.900	7567.	2306.	0.299	0.010	0.038	0.144	. 0 • 299	0.429
n	0.	0.	1.000	7600.	2316.	0.274	0.009	0.034	0.130	0.274	0.452
•0	· 0.	0.	1.100	7725.	2355.	0.247	0.008	0.030	0.116	0.247	2.411
٠,0	<b>n</b> •	<b>?</b> • •	1.200	7850.	2393.	0.223	0.007.	0.027	0.104	0.223	0.374
. O	0.	· 0.	1.400	3100.	2469.	0.184	0.005	0.022	0.095	0.184	0.313
. U ·	0.	Λ.	1.600	8733.	2662.	0.141	0.004	0.016	0.064	0.141	0.244
.0	0.	Λ.	1.800	0367.	2855.	0.111	0.203	0.013	0.050	0.111	0.132
. <b>n</b>	Λ.	ņ.	2.000	10000.	3048.	0.088	0.002	0.010	0.040	0.088	0.154
.0	0.•	<b>9.</b>	2.200	10250.	3124	0.077	0.002	0.009	0.034	0.077	0.134
. <b>n</b>	ာ.	n.	2,400	10500.	3200.	0.067	0.002	0.008 -	0.030	0.067	0.119
0	0.	0.	2.700	10875.	3315.	0.055	0.002	0.006	0.025	0.056	0.009
n	0.	0.	3.000	11250.	3429.	0.047	0.001	0.005	0.021	0.047	0.033
ù	0.	^.	3.500	. 11975.	3620.	0.036	0.001	0.004	0.016	0.036	0.044
O	0.	0.	4.000	12500.	3810.	0.029	0.001	0.003	0.013	0.029	0.051
.n	n.	` n.	5.000	13200.	4023.	0.021	0.001	0.002	0.009	0.021	0.037
.0.	0.	າ.	5.900	13830.	4215.	0.016	0.000	0.002	0.007	0.016	0.028

CUE	• • • • •	( MAX)	MOA	)	INPUT								•					,		
MA.	DIST	NM)	MUTE	STAT	REEL .				(	INPUT	FILES -	TRACE	MHMBERS	1						
1.0	20110	J 17 13 .	17112	-70	5 4	7 22	43 21	49 13	50 17	51 14	52 13	53 12	54 11	55	R 54	7	57	4 5£	•••	
				-28	3 4	7 23	48 22	49 19	50 18	51 15	52 14	54 12	55 9	56	8 57	ς	50	4 59	. 1	
	4264				3 4	7 24	48 23	49 20	50 19	51 16	52 15	55 10	56 9	57	5 58	5	50	2 60	1	
	3038				3 4	8 24	49 21	50 20	51 17	52 15	53 13	55 11	56 10	57	7 59	Á	50	7 60 3 60		
	3508				3 4	9 22	.50 21	51 18	52 17	53 14	54 13	55 12	56 11	57	8 58	7	50	4 60	3	
				<b>- 2</b> q	. 3 4	9 23	50 22	51 19	52 13	53 15	54 14	56 12	57 9	58	8 59	Ś	60	4 51	1	
				- 20	3 4	9 24	50 23	51-20	52 19	53 16	54 15	57 10	58 9	50	6 60	£,	λi .	2 62	i	
927	3014	420	1100	() د –	3 5	0 24	51 21	52 20	53 17	54 16	55 13	57 11	58 10	50	7 60	6	61	3 43	,	
. 5 }	31.03	304	1113	" 3 J	7, 6	1 22	62,21	52 17	54 17	55 44	57, 13	67 13	59 11	ŕn.	9 40	,	/ 1	1 1	٠.	

YE

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	- 173	FSSO	LIME	0714-2	BEGIN	VELOCITY FU	NCTIOMS	AT STACK	ID 240001	TRACE 12	O COES	TO DEXT
	tia∈ tro-MVA		INT.VEL.	TRO-WAY	AVG.VEL. ET/SEC	AVG.VFL. M/SEC					·	
	•••••	· ( TNDIJT)		• • • • •			( 6000!).	1000	NMO WITH -2000*	LIMITING 4000*	FACTOR	801:01
	0.200	6400.	6400.	0.100	6400.	1951.	0.843	0.036	0.221	0.454	0.582	0୍କ୍ୟର
	ስ. ሩሳስ ፣	71 CO.	7450.	0.200	6400.	1951.	0.759	0.054	0.171	0.414		
	1.000	7800.	8850.	0.300	5575.	2004.	0.661	0.036	0.127.	0.364	0.532	0.019
	<u> 1.300</u>	9000.	13000	0.400	6750.	2057.	0.575	0.027	0.038		0.582	0.768
•	1.600	11000.	19657.	0.500	6925.	2111.	0.500			0.314	0.532	0.718
	2.200 -	12500	16500.	0.600	7100.	2164.		0.020	0.077	0.264	0.432	0.552
	4.000	14000.	15833.	0.700	7275.		0.436	0.016	0.063	0.223	0.432	0.418
	5.000	14700.	17500.	0.300	- · · · · · ·	2217.	0.392	0.013	0.052	0.190	0.382	0.568
	റ. റ്്്	0.	0.	0.300	7450.	2271.	0.335	0.011	. 0.044	0.163	0.335	0.516
	0.0	0.	0		7625.	2324.	0.295	0.010	0.037	0.142	0.295	0.458
	n.g		•	1.000	7800.	2377.	0.262	0.008	0.035	0.124	0.262	0.419
	0.0	Ď•	0.	1.100	8500•	2499.	0.221	0.007.	0.027	0.103	0.221	0.248
	0.0	0.	9.	1.200	8600.	2621.	0.198	<b>0.</b> 006	0.023	0.087~	0.188	0.318
		0.	0.	1.400	9557.	2946.	0.131	0.004	0.015	0.060	0.131	0.226
	· · · · · ·	0.	ុភ •	1.600	11000.	3353.	0.099	0.003	0.010	0.041	0.090	0.159
		0.	9•	1.300	11500.	3505.	0.074	0.002	0.008	0.033	0.074	0.130
	^.O	· 0.	n.	2.000	12000.	3658.	0.062	0.002	0.007	0.028	0.062	0.108
	O.◆O	0.	0.	5.200	12500.	3.810.	0.052	0.001	0.006	0.023	0.052	ດ.ຕິວາ
	0.0	0.	0.	2.400	12667.	2861.	0.046	0.001	0.005	0.021	0.046	0.032
	(.)	ο.	0.	2.700	12917.	3937.	0.040	0.001	0.004	0.018	0.040	0.076
	, <b>^ .</b> 0.	Λ.	· 0.	3.000	13167.	4013.	0.034	2.001	0.004	0.015	0.034	0.061
	0.0	0.	? <b>.</b>	3.500	13533.	4140.	0.028	0.001	0.003	0.012	0.028	0.049
	$r_{\bullet}0$	.0.	٥.	4.000	14000.	4257.	0.023	0.001	0.003	0.010		
	r.o	0.	0.	5.000	14700.	4481.	0.017	0.000	0.003		0.023	0.041
	0.0	0.	o <b>.</b>	5.900	15330.	4673.	0.013			0.007	0.017	0.030
			•	, • • • • • • • • • • • • • • • • • • •	1 7 2 7 7 9	407.54	0.013	0.000	0.001	0.006	-0.013	0.023
		• .					•				•	•
	rn=	MIXAM )	UM 1. 1	INPUT								0
	MO. DIS			REFL	• • •							
	569 360		012 -28		70.01		( INPUT FILE			• • • • • • • • • •	••••••	1
	550 39			3 71 22		73 18 74 1			78 11 79	8 80 7	81 4 92	3
	570 426	•		3 71 23		73 19 74 18			79 9 80	8 81 5	82 4 83	1
			187 -28	3 71 24		73 20 74 19			80 9 81	6 82 5	83 2 84	1
	671 393		100 -26	3 72 24		74 20 75 1			80 10 81	7 82 5	93 3 84	2
	572 360 573 301		012 -29	3 73 22		75 18 76 1	-		80 11 81	8 82 7	83 4 84	3
			100 -26	3 73 23		75 10 76 11		14 80 12	81 9 82	8 83 5	84 4 85	1
	574 424		187 -38	3 73 24		75 20 76 19	77 16 78		82 9 83	6 84 5	95 2 96	1
	676 201		100 -26	3 74 24		76 20 77 1			82 10 83	7 94 4	25 3 26	2
	176 1 366		J15 - 56	3 75 22	76:21	77 18 78 1	7 79 14 80		82 11 83	8 34 7	95 4 84	. 3
	-	5 1 2 2 2 x					•				•	

•	Jus.**	F 550	LINE.	0714-3	BEGIN	VELOCITY FU	NCTIONS	AT STACK	ID [10014	TRACE 1	35 CDF	S TO NEVI
	THOPPINY	AVO. VEL.	INT. VEL.	TEO-MAY	AVG.VEL.	AVG.VFL.						
	1.4.E	FEE	TISEC	TIME	FT/SEC	MASEC	NMO		NMO UTT	H LIMITING	EACTOD	
	******	. ( INPUT)	******		1 APPLIES	) )	( 5000*)	1000*	2000*	40001	6000*	20001
				•			. , , , , , , , , , , , , , , , , , , ,	1 to 1/10	21.00	4660	60001	80001
	0.100	. ለፍብሲ "	6500.	0.100	6500.	1981.	0.828	0.083	0.209	0.452	0.694	0.930
	0.300%	690%.	7100.	0.200	6700.	2042.	3.718	0.050	0.159	0.402	0.544	0.232
	0,300	71 00.	7220.	0.300	. A9nn.	2103.	0.620	0.033	0.117	0.352	0.594	0,955
	1.200	75 Oc.	9300.	0.400	6940.	2115.	0.553	0.025	0.093	0.302	0.544	0.780
	1.600	8760.	15g0u.	0.500	6920.	2129.	0.494	0.020	0.076	9.261	0.494	0.736
	1.800	୍ର ମଧ୍ୟ ପ୍ରକୃତ୍	13200.	0.600	7020.	2140.	0.444	0.017	0.054	0.227	0.444	0.680
·	2.000	10300	20200.	0.700	7040.	2152.	0.401	0.014	0.055	0.201	0.401	0.620
	2.400	11300.	16300.	0.800	7100.	2164.	0.364	0.012	0.048	9.178	0.354	0.980
	- v*000	13000.	15550.	0.900	7200.	2195.	0.327	0.011	0.042	0.158	0.327	0.530
	5.000	13700.	16500.	1.000	7300.	2225.	0.294	0.009	0.037	0.140	0.294	0.730 0.484
	ົດ <b>•</b> ວ	Э.	ů.	1.100	7400.	2256.	0.267	0.008	0.033	0.126	0.267	0.442
v	. O • O	ή.	n.	1.200	7500.	2286.	0.242	0.007	0.029	0.113	0.242	0.405
	0.0	0.	n.	1.400	Plan.	2459.	0.184	0.005	0.023	0.085	0.184	0.333
	0.0	0.	0.	1.500	8700.	2652.	0.142	0.004	0.015	0.065	0.142	
	o.o .	'n	0.	1.300	9200.	2804.	0.115	0.003	0.013	0.052	0.115	0.245 0.199
	ಿ.೧	. n.	0.	2.000	10300.	3139.	0.083	0.002	0.009	0.037	0.083	0.146
	0.0	0.	0.	2.200	10300.	3292.	0.069	0.002	0.003	0.037	0.000 0.069	0.131
	າ.ດ	n.	0.	2.400	11300.	3444.	0.058	0.002	0.007	0.026	0.058	
	ຼີ 0•0	0.	ń.	2.700	11619.	3541	0.049	0.002	0.007	0.022	0.049	0.107
	0.0	n. 🗀	0.	3.000	11938.	3539.	0.042	0.001	0.005	0.019		0.095
	0.0	n.	0.	3.500	12469.	3800.	0.033	0.001	0.003		0.042	0.074
•	0.0	0.	0.	4.000	13000.	3962.	0.027	0.001	0.003	0.015	0.033.	0.059
	9.0	n.	0.	5.000	13700.	4176.	0.019	0.001		0.012	0.027	0.047
	<sup>™</sup> /0•0	0.	0.	5.300	14330.	4368.	0.015	0.000	0.002	0.009	0.019	0.034
					<u> </u>		V • V/ 2/ //	U • V(t) U	. 0.002	0.007	. 0.015	0.026
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	Coe	MIXAM )	UM 1	VPIJT								
	TVD. DIS			REFL			. I INPUT FILE	TO A TOACE N	HIMPEDC 1			
	1	0 0	0 0	14 1 1	1		• C TANOT CIL	LO - INACE	AO WOEKS 1.	• • • • • • • • •	• • • • • • • • • • •	
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	5	o o	0 0	14 1 5	5	• • •						
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	7	0 0			7	• • •					•	<b>.</b>
		ė o	0 0	14 1 8	•	*****	1		. 20 11	R of	•	
	· 9	0 0	n n	14 1 9				S 6 7 1	,			
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Jŋ	3 • •	ESSN	LINE.	. 0714-3	REGIN V	ELOCITY FU	MCTIONS	AT STACK I	20014	TPACE 12	24 0055	TO NEXT
-087 ************************************	ý∧ <b>γ</b> ∃ E	AVG. VEL.	TNT.VEL.	TWO-WAY TIME	AVG.VEL.	AVG.VEL.			•			•
		· ( Twont)	• • • • • • •		( Vbb[lEd		. ммл ( 6000!)	10001	- 440 All: - 50001	4000*	A Comment of the Comm	
0.1	nc.	65.00°	6500.					•				
0.4		71.00	7300	0.100	6500.	1031.	0.828	0.083	0.209	0.441	0.679	•
( 9		7200.		0.200	6700.	2042.	0.718	0.050	0.150	0.391	0.529	
1.2		Angj.	7390.	Ŭ•300	6900.	2103.	0.620	0.033	0.117	0.341	0.579	f . 6 f , .
1.6		8760.	9500.	0.400	7100.	2164.	0.535	0.024	0.080	0.201	0.529	0
2.4		11500.	10800.	0.500	7125.	2172.	0.479	0.019	0.073	0.252	0.479	0.707
4.9		•	17100.	0.500	7150.	2179.	0.432	0.016	0.062	0.220	0.432	0.652
د <b>.</b> ر		13500.	16500.	0.700	7175.	2187.	0.301	0.014	0.053	0.195	0.391	0.602
		14200.	17000.	0.300	7200.	2195.	0.355	0.012	0.047	0.174	0.355	0.552
10.0		ĵ.	) ·	0.300	7400.	. 2256.	0.311	0.010	0.040	9.150	0.311	0.532
J•0		?∙	n •	1.000	7600.	2316.	0.274	0.009	0.034	0.130	0.274	0.452
0.0		•	ê.	- I.iou	7800.	2377.	.0.242	0.007	0.029	0.114	0.242	0.404
0.0		) <b>.</b>	Ç.	1.200	8000 <b>.</b>	2438.	0.215	0.006	0.026	0.100	0.215	
្ ១.១		^•	0.	1.400	8350.	2545	0.174	0.005	0.020	0.030		0.342
0.0		€.	O.	1.600	8700.	2652.	0.142	0.004	0.016	0.045	0.174	0.296
0.0		n.	n.	1.300	9400.	2855.	9.110	0.003	0.013	0.050	0.142	0.245
0.0	•	^ <b>.</b>	0.	2.000	10100.	3079.	0.086	0.002		<del>-</del>	0.110	0.101
0.0		n.	. 0.	2.200	10300.	3292.	0.069	0.002	0.010	0.039	A E 0 = 0	0.151
^•O		n.	0.	2.400	11500.	3505.	0.056		0.008	0.031	0.069	0.131
0.0		n.	0.	2.700	11875.	3520		0.002.	0.005	0.025	0.056	<b>0</b> • 0 6 6
0.0		0.	γ.	3.000	12250.		0.047	0.001	0.005	0.021	0.047	0.083
റൂറ		0.	0.	3.500	12875.	3734.	0.040	0.001	0.004	8.10.0	0.040	0.070
0.0		n.	O.*	4.000	13500.	3924.	0.031	0.001	0.003	0.014	0.071	0.055
ົ່ວ.ດ		n.	e <b>.</b>	5.000		4115.	0.025	0.001	0.003	0.011 .	0.035	0.044
0.0		0.	· ·		14200.	4328.	0.018	C•000	∿003	0.008	0.0.8	0.032
•		₹1.	. · ·	5.900	14830.	4520.	0.014	0.000	.0.002	0.006	0.014	0.025
		,				*						
•		:										
CDF		MAXIM	IM 1.1	TMPUT								
North.	DIS		ITE STAT	PEFI				50 70.05				
35	49	•	0 -17	14 13 12	•••••		r ingol eff	.ES - TRACE NI	IMBERS )	• • • • • • • • • •	• • • • • • • • • •	• • •
30	49		0 -16			• •		6	*			
40	82	.,	0 -16	14 13 13		9	•	•		•		
41	114											
42	147		0 -16	14 13 15				•	•			0
42 43	180			14 13 16	144 4 4							_
44	کان 1 برد:		0 -17	14 13 17	and the second							$\sim$
	713	•	0 -18	. 14 13 18								ON T
19 7 1 A Z	1.794		U -18	14 13 19			*.					
		* * * *	o -ja	17 15 50		e <sup>r</sup>						
				1								

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J19	+ ESSO	LINE.	0714-3	BEGIN V	VELOCITY FU	MCTIONS	AT STACK	70 30014	TRACE 12	72 005	S TO Make
TIME	AVG. VEL. FEE ( IMPUT)	INT.VEL.	TIME TIME	AVG.VEL. FT/SEC ( APPLIED	AVG.VEL. M/SEC	NMO ( 6000•)	1000!	NMD WIT	H LIMITING 4000*		90001
0.100	6500.	6500.	0.100	6500.	1931.	0.828	0 000	0.000			
0.410	7200.	7432.	0.200	6733.	2052.	0.713	0.083	0.203	0.435	0.553	0.893
0.500	7400.	3200.	0.300	6967.	2127.	0.612	0.049	0.153	0.385	0.603	0,333
1.000	7500.	7600.	0.400	7200.	2195.	0.524	0.033	0.115	0.335	0.553	0.753
1.200	8000.	10500.	0.500	7400.	2256.	0.453	0.023	0.087	0.285	0.503	0.737
1.800	ୱର୍ଗର 🌲	11200.	0.500	7420.	2262.	0.407	0.018	0.063	0.236	0.453	0.653
1.800	10000.	19600.	0.700	7440.	2263.	0.368	0.015	0.058	0.207	0:407	0.533
2.400	11300.	17200.	0.300	7450	2274.	0.334	0.013	0.050	Q.183	0.368	0.513
4.000	13505.	15050.	(.900	7480.	2280.	0.306	0.011	0.044	0.163	0.334:	0.538
5.000	14207.	17000.	1.000	7500.	2286.	0.281	0.010	0.039	0.147	<b>0.</b> 305	0.408
0.0	. 0.	$\Omega$ .	1.100	7750	2362.	<del>-</del>	0.003	0.035	0.133	0.281	0.453
0 <b>.</b> 0.	າ.	9.	1.200	2000.	2438.	0.245	0.008	0.030	0.115	0.245	0.7408
0.0	^ <b>.</b>	<b>0.</b>	1.400	8400.	2560	0.215	0.006	0.026	0.100	0.215	0.342
0.0	ີ ລຸ.	")。	1.600	8800.	26º2.	0.172	0.005	0.020	0.079	0.17?	0.293
0.0	9.	0.	1.800	10000.	7972. 3048.	0.139	0.004	0.016	0.043	0.130	0.240
0.J	Λ.	o •	2.000	10600.	3231.	0.097	0.003	0.011	0.044	0.097	0.170
0.0:	n.	0	2.200	11200.	3414.	0.079	0.008	0.007	0.035	0.079	0.138
0.0	r.	Λ,	2.400	11800.	3597.	0.064	0.002	0.007	0.029	0.054	0.113
0.0	0.	n.	2.700	12119.	3694.	0.053	0.001	0.006	0.024	0.053	0.094
0.0	0.	Λ.	3.000	12438.	3791.	0.045	0.001	0.005	0.030	- 0.045	0.030
0.0	n.	0.	3.500	12969.		0.039	0.001	0.004	0.017	0.039	0.068
0.0	0.	`	4.000	13500.	3953.	0.030	0.001	0.003	0.014	0.030	0.054
0.0	` ) .	9.	5.000	14200.	4115.	0.025	0.001	0.003	0.011	0.025	0.044
/A.O	<b>.</b>	ń. ·	5.900	14830.	4328.	0.018	0.000	.0.002	0.008	0.018	0.032
•		. •	ar • 7111J	7 #4 D 5 7 F *	4520.	0.014	.0.00	0.002	0.006	0.014	0.025

(	`9F	• • • • •	( , M7 X	TMUM )	••••	INDIL	Ţ				•							•
1	:ក.	DIST	421	MUTE							,	EMDLIT	C 11 C C	70.465		1		
	60	403	?4	C:	- 17	1.4	25 1	,	••••	• • • • • •	• • • • ١	1.48.01	FILES -	- INVOE	NUMBERS	} • • • • • • •	• • • • •	
	63	405	24	· .0	-17		25 1				*							
	54	820	60	· •	-17	14	25 1	•							•			
	4, 5	1140	1,04	0	-17		25.15											
			1,64	0	-17		25 1											•
	75.7	1004	1 34	Ú	-16		25 1								•			
	4.4	7132	2.24	Ç	-16		25 18						•					
	$F_j \cap$	2440-	264	ń	-16		25 10				•							

14 25 19

0 -16 14 25 20

79 2709 700

Jns.	•	<b>= \$</b> .5	O LINE	0714-3	REGIN V	/ELOCITY EU	NCTIONS	AT STACK	fD 60014	TRACE 12	49 606	S 79 (8.7)
179-07	-	FF	INT.VEL.	TIME	AVG.VEL. FT/SEC L APPLIED	MISEC	NMD ( 6000*)	1000.	№0 WII 2060'	H LIMITING 4000'	FACTOR	80001
0.100	)	5560.	6500.	0.100	6500 <b>.</b>	1981.	0.828.	0.093	0.211	0.448	0.686	0.019
0.400	)	7000.	7167.	0.200	6667.	2032	0.722	0.050	0.161	0.398	0.635	0,352
0.800	)	7200.	7400.	0.300	6833.	2083.	0.628	0.034	0.119	0.348	0.585	0.813
j°Uu(	<b>,</b>	7400.	8200.	0.400	7000.	2134.	0.546	0.025	0.092	0.298	0.536	0.763
1.400		9000.	9500.	0.500	7050.	2149.	0.487	0.020	0.075	0.255	0.486	0.71
្ ។ ខេត្ត	) ]	genn.	19250.	0.600	7100.	2164.	0.436	0.016	0.063	0.223	0.436	0.468
2.60	: 1	(150).	14500.	0.700	7150.	2179.	0.393	0.014	0.054	0.196	0.393	0.413
4.001	) 1	3500.	16500.	0.800	7200.	2195.	0.355	0.012	0.047	0.174	0.355	0.563
5.600	) 1	14200.	17000.	0.900	7300.	2225.	0.319	0.010	0.041	0.154	0.319	0.513
0.0		r	0.	1.000	7400	2.256	0.287	0.009	0.035	0.137	0.287	0,472
0.0		O.	٠.	1.100	7550.	2301.		0.008	0.031	0.121	0.257	0.427
↑ ↑     ↑ ↑		ાં	. 0.	1.200	7700.	2347.	0.231	0.007	0.028	0.108	0.231	0.327
1.0		` n.	ń.	1.400	8000	2438.	0.188	0.006	0.022	0.037	0.188	ຸດູ້ ຂັງ ດ
0.0		n.	0.	1.600	9250.	2819.	0.126	0.004	0.015	0.057	0.126	Ç., 219
0.0		o:	0.	1.800	10500.	3200.	0.087	0.003	0.010	0.040	0.089	0.155
0.0		Λ.	o.	3.000	10023	3302.	0.075	0.002	0.009	0.034	0.075	0.132
0.0		^	n.	5.300	11167.	3404	0.065	0.002	0.007	0.029	0.055	0.114
0.0		$\circ$ .	n.	2.400	11500.	3505.	0.056	0.002	0.006	0.025	0.056	0°0aa .•47.
0.0		n.	n.	2.700	11375.	3620.	0.047	0.001	0.005	0.021	0.047	0.093
0.0		0.	0.	3.000	12250.	3734.	0.040	0.001	0.004	0.018	0.040	0.070
0.0		n.	0.	3,500	12875.	3024.	0.031	0.001	0.003	0.014	0.031	0.015
0.0		2	n.	4.000	13500.	4115	0.025	0.001	0.003	0.011	0.025	0.044
0.0		n.	9.	5.000.	14200	4328.	0.018	0.000	0.002	0.008	0.018	0.032
0.0		ō.	ń.	5.300	14830.	4520.	0.014	0.000	0.002	0.006	0.014	0.025
						-		•				
		•				•					•	
COF	• • • • •	. ( MAY)	MUM )	IMPUT			•				•	
٠.٠	DIST	4.13		REFL			I INDUT E	ILES - TRACE	NUMBERS 1			
132	402	24	0 -30	14 62 12	)			1 E 1.0 - 1.1 4 0 C.	1007 (125, 185)	*********	• • • • • • • •	• • • • •
135	492	24	0 -19			:						•
134	820	60	0 -19									0
137	1148	1.04	0 -10									
139	1476	143	0 -19	•		• • • • • • •	* * * * * * * * * * * * * * * * * * *		•			J
130	1904	194	0 -19					i				်တ်
140	2122	223	0 -18			** *	•	. *				<del>-</del>
141	2460	2.40	0 -10					• • • •				
167	5700	254	Ω =13									
		,		to the St	•	*			. •		•	

Jan.	. ESS	n Line.		BEGIN	VELOCITY FU	INCTIONS	AT STACK I	n 80014	TRACE 12	24 CDF5	S TO MEXT N
TURNAN		INT.VEL.	TWO-WAY		AVG.VEL.						,
TIME		FT/SEC	् गा अह	FT/SFC	M/SEC .	หลด			H LIMITING		
* * * * * * *	··· ( TMPUT	,		( Vobried	),, •••••	( 6000°) .	1000'	. 30001	4000*	, 6000 <b>1</b>	8000*
0.100	6500.	6509.	0.100	6500.	" 1781.	0.828	0.083	0.212	0.458	0.658	0.903
0.700	7200.	7317.	0.200	6617.	2017.	0.729	0.051	0.162	0.408	0.638	9.953
0.800	7300.	3000.	0.300	6733.	2052.	0.640	0.035	0.123	9.259	0.589	ถ.สวร
1.000	7400.	7800.	0.400	6850.	2038.	0.563	0.025	0.095	0.308	0.538	0.753
1,200	80 AA .	11000.	0.500	6767.	2123.	0.496	0.020	0.077	0.261	0.488	0.703
1.400	Inson.	16800.	0.600	7083.	2159.	0.438	0.016	0.063	0.224	0.438	0.653
2.000	11500.	16700.	0.700	7200.	2195.	0.388	0.014	0.053	0.194	0.382	0.603
4.000	13500.	15500.	0.300	7300.	2225.	0.347	0.012	0.045	0.170	0.347	0.553
54000	14200.	17000.	0.300	7350.	.2240.	0.315	0.010	0.040	0.152	0.315	0.503
0.0	A.	n.	1.000	7400.	2256.	0.287	0.009	0.036	0.137	0.287	0.453
0.0	^ ·	· 9.	1.100	7700.	2347.	0.248	0.008	0.030	0.116	0.248	0.403
0.0	<b>1.</b>	٥.	1.200	3000.	2438.	0.215	0.006	0.025	0.100	0.215	0.353
າຸາ	0.	n.	1.400	9100.	2774.	0.147	0.004	0.017	0.067	0.147	0.253
ກູາ	Λ,	0.	1.600	10200.	3109.	0.105	0.003	0.012	0.047	0.105	0.103
0.0	n.	0.	1.800	10350.	3307.	0.083	0.002	0.009	0.037	0.083	0.145
0.0	າ.	ñ.	2.000	11500.	3505	0.067	0.002	0.008	0.030	0.067	0.113
0.0	· .	o.	2.300	11700.	3566	0.059	0.002	0.007	0.026	0.059	0.194
1.0	ი.	0.	2.400	11303.	3627.	0.052	0.001	0.007	0.023	0.052	0.092
0.0	'n.	Λ.	2.700	12200.	3719.	0.044	0.001	0.005	0.020	0.044	0.078
0.0	0.	0.	3.000	12500	3810.	0.038	0.001	0.004	2.017	0.038	0.068
0.0	ń.	9.	3.500	13900.	3962.	0.030	0.001	0.003	0.013	0.030	0.054
0.0	ņ.	0.	4.000	13500.	4115.	0.025	0.001	0.003	0.011		
↑.n	0.	9.	5.100	14200.	4328.	0.025	0.000		• • •	0.025	0.044
0.0	0 -	0.	5.900	14930.	4520.			0.003	9.008	0.018	0.032 -
· · · ·	•	₩•	7 • 900	14379	4720.	0.014	0.000	0.002	0.006	0.014	0.025
				•							
CDE .	{ MAXI	MHM )	TMPUT								
		MUTE STAT	BEEL			/ IMDHT EILE	ES - TRACE V	HMOEDC 1			
199	492 24	0 -19	14 86 12		• • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	.5 = 18 AUE V	<b>∪</b> ≊∩083 <b>1•</b>	• • • • • • • • • •	• • • • • • • • •	• • • •
183	492 24	0 -20	14 96 17			•					
104	820 60	0 -20	14 36 14								
	1148 104	0 -30	14 86 15						•		0
	1170 (04	0 20	14 70 11			4					$\mathbf{C}$

126 1476 148

140 2440 272

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187 1804

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14 86 16

14 86 17

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14 96 20

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Jos	9880	LINE	0714-3	BEGIN	VELOCITY FU	NOTIONS	AT STACK I	100014	TRACE 1	0 CDF	א דה אראד
TYO-WAY		TNT.VEL.	TMO-MAY TIME		· M/SEC	имп ( 6000°)	1000*	- NMO WIT	H LIMITING 4000*	FACTOR 6000*	 8000 <b>*</b>
0.100	4500°	6510.	0.100	6500.	1081.	0.828	0.083	0.017	0.440	6 711	
0.800	7000.	7071.	0.200	6571	2003.	0.735	0.051	0.214	0.468	0.711	0.939
1.200	7500.	850D.	0.300	6643.	2025.	0.757	0.036	0.164 0.125	0.418	0.551	0.833
1.900	9200.	12500.	0.400	6714.	2047	0.579	0.027	0.125	9.368	0.611	0.339
2.200	11000.	19100.	0.500	6786.	2068	0.516	0.021		0.318	0.561	ପ୍.ଅଧ୍ୟ
2.400	11500.	17000.	0.500	6857	2 Ja0 •	0.451	0.021	0.080	0.273	0.511	0.739
4.000	13500.	14500.	0.700	6029.	2112.	0.414	0.015	0.047	0.237	0.451	0.439
<b>.</b>	14200.	17000.	0.300	7000	2134.	0.372	0.013	0.057	0.207	0.414	0.629
0.0		j.	0.900	7125.	2172.	0.333	0.011	0.049	0.183	0.372	0.589
0.3	ſ.	0.	1.000	7250.	2210.	0.238	0.009	0.043	0.161	0.333	0.532
0.0	<b>?</b> •	0.	1.100	7375.	2248.	0.268	0.008	0.037	0.142	0.278	0.439
€.0	n. '	0.	1.200	7500.	2286	0.242	0.007	0.033	0.125	0.258	0.445
6.0	0,	n.	1,400	3067	2459.	0.185	0.005	0.039	0.113	0.242	0.406
0.0	^.	0.	1.600	8523.	2631.	0.144	0.003	0.022	0.085	0.195	0.315
0.0	e.	ý.	1,400	6300°	2804.	9.115		0.017	0.066	9.144	9.249
0.9	n .	0	2.000	10100.	3073.	0.086	0.003	0.013	0.052	0.115	9.199
0.0	Λ <u>.</u>	0.	2.200	11000.	3353.	0.057	0.002	0.010	0.039	0.036	0.151
n.n	n.	n.	2.400	11500.	3505.		0.002	0.007	. 0.030	0.067	0,117
0.0	. n.	9	2.700	11875.	-	0.056	0.003	0.006	0.025	0.054	បំពុងច
o.h	0.	0.	3.000	12250.	36?0.	0.047	0.001	0.005	0.021	0.047	0.033
្សា	ň.	0.	3.500	12875.	3734.	0.040	0.001	0.004	0.018	0.040	0.070
0.0	0.	) <b>.</b>	4.000		3924.	0.031	0.001	0.003	0.014	0.031	0.055
0.0		o.		13500.	4115.	0.025	0.001	0.003	0.011	0.025	0.044
0.0	· ·	0.	5.000	14200.	4328.	0.018	0.000	0,002	0.008	0.018	0.032
, • · ·			5.900	14830.	4520.	0.014	0.000	0.002	0.006	0.014	0.025
•			n we		* *						
	( MAXIMI		NPHT	•		,	•	•			
717 015 217 410 218 377	00 480	JTC STAT R 0 -18 0 -19	15 10 1 15 10 2		• • • • • • • • • •	.( INPUT FILE	ES - TRACE NU	IMBERS ).	• • • • • • • • • •	•••••	, • • •

210 3444 400

223 2132 232

274 1804 198

377 3678 140

221

355

3116 356

.2788 316

2460 272

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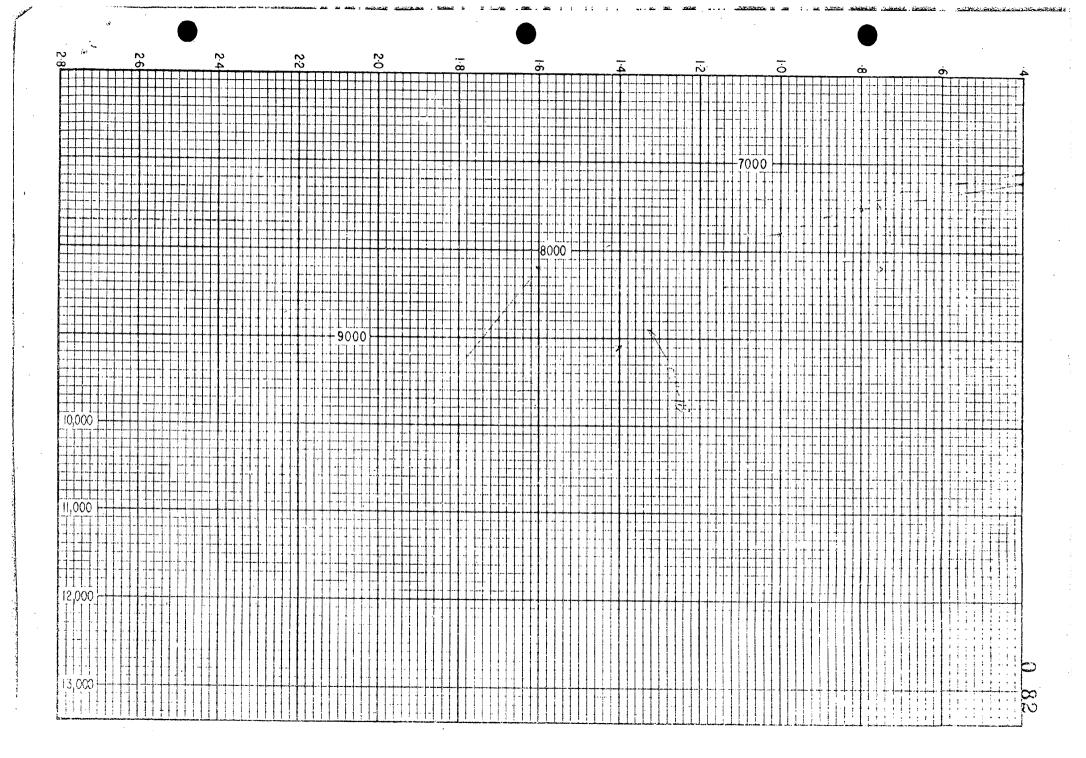
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jaz	ESSO	LIME"	. מראב <u>יי</u>	BEGIN'	VELOCITY FUN	CTIONS	AT STACK I	0 90014	TRACE 13	13 COF	S TO MEYT
FIRE	AVG.VEL FFE ( INPUT)	T/SFC	TIME	AVG.VEL. FT/SEC	AVG.VEL. M/SEC	имО		- N'10 WIT	H LIMITING	FACTOR	~~
			• • • • • • • • •	( APPLIED	} •••••	( 60001)	1000;	5000+	<u> ፋ</u> ሮ ሲሲ ፣	50001	გეეტა
0.100	45 00 <b>.</b>	6500.	0.100	6500.	1981.	0.000					
0.800	7000.	7071.	0.200	6571.	2003.	0.828	0.083	0.214	0.468	0.711 .	0.920
1.000	7400.	9000.	0.300	6543	2025.	0.735	0.051	0.164	0.418	0.551	0.870
1.400	8300.	10550.	0.400	6714.	2047.	0.652	0.036	0.125	0.358	0.611	0.920
1.800	10560.	19200.	0.500	6786.		0.579	0.027	0.099	0.319	0.561	0.770
2.400	12000.	16500.	0.600	6857.	2068.	0.516	0.021	0.030	0.273	0.511	0.720
4.000	13500.	15750.	0.700		2090.	0.461	0.017	0.067	0.237	0.461	0.670
5.000	14200	17000-	0.800	6929.	2112.	0.414	0.015	0.057	0.207	0.414	0.620
1.0	<b>1</b>		0.400 0.800	7000.	2134.	0.372	0.013	0.049	0.193	0.372	0.570
0.0	0.	0.		7200.	. 2195.	0.327	0.011	0.042	0.158	0.327	0.520
ິ <b>ດ</b> .ດ	· .		1,000	7400.	2256.	0.287	0.009	0.035	0.137	0.237	0.470
0.0	n.	ĵ.	1.100	7625.	2324.	0.252	0.008	0.031	9.119	0.252	0.420
0.0	) •	<u>o</u> .	1.200	7850.	2393.	0.223	0.007	0.027	0.104	0.323	0.374
0.0			1.400	3300.	2530.	0.175	0.005	0.021	0.081	0.176	0.300
0.0	0.		1.600	9400.	2865.	0.123	0.004	0.014	0.056	0.123	0.312
	<b>?</b> •	0.	1.800	10500.	3290.	0.039	0.003	0.010	0.040	0.039	0.155
0.0	^ •	O.	2.000	11000.	3353.	0.073	0.002	0.008	0.033	0.073	0.128
0.7	2.	0.	2.200 _	11500.	3505.	0.041	0.002	0.007	0.027	0.061	0.107
0.0	Λ.	n.	2.400	12000.	3659.	0.052	0.001	0.006	0.023	0.052	
J•J	û•	. 0.	2.700	12281.	3743.	0.044	0.201	0.005	0.020	0.044	0.091
ე.ე	Ú.	0.	3.000	12563.	3829.	0.038	0.001	0.004	0.017	0.038 0.038	0.077
0.0	ា •	Ο.	3.500	- 13031.	3972.	0.030	0.901	0.003	0.013		0.057
0.0	^.	0.	4.000	13500.	4115.	0.025	0.001	0.003		0.030	0.053
0.0		0.	5.000	14200.	4323.	0.018	0.005		0.011	0.025	0.044
0.0	ο.	0.	5.900	14830.	4520.	0.014	0.000	G.002	0.008	0.018	0.033
		•		2	Contract to	0.014	0.000	0.092	9.006	0.014	0.025
one	( MAXIM	JM )	MDIIT				•	-			
MA. DIS			FFL			I INDUT CT	FC *C.A.				
204 49		9 -18	14 98 12	••••••	• • • • • • • • • • • •	I TAPUT FIL	ES - TRACE NI	JMBERS ).	• • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	
207 40	-	0 -13	14 98 13		·	•					•
209 92	•	0 -19									
209 114		0 -18	14 98 14		4					•	0
210 147	•		14 98 15				•				
211 130		•	14 98 16								. 🗴
		0 -20	14 98 17						٠.		. <del> </del>
212 213: 212 244		0 -30	14 98 18							•	r
	0 272	0 -20	14 09 19					•	•		

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	J.12	F\$\$#	1.185	071A-4 <sub>ii</sub>	REGIN	VELOCITY FU	NCTIONS	AŤ STACK I	n 10008	TRACE 1	35 COES	TO NEXT V	
	THIRTHAY	AVG. VEL.	INT.WEL.	TWO-WAY									
		ing FEE		TIME	FT/SEC	M/SEC	Vinc		_	H LIMITING			
	,	· ( inshi)	• • • • • • • • .	• • • • • •	( VabFieD	)	( 6000°)	.1000*	\$600	y 40001	\$00 <b>0</b> •	/OOO!	
	0.100	6760.	4700.	0.100	6700.	2042.	0.801	0.080	0.204	0.441	0.674	C.881	
	0.400	7100.	7273.	0.200	6933.	-2083.	0.701	0.043	0.154	0.391	0.624	0.831	
	(,7-10	73()).	757.7.	0.300	6967.	2123.	0.612	0.033	0.115	0.341	0.574	C.751	
	1.500	7300.	2047.	0.400	7100.	2164.	9.535	0.024	0.089	0.291	0.524	0.731	
• • •	1.400	3200	9367.	0.500	7167.	2134.	0.475	0.019	0.073	0.249	0.474	6.691	
	2.000	10500.	197%).	0.600		2205.	0.424	.0.016	0.061	0.216	0.424	0.631	
	3.000	12000	15000	0.700	7300.	2225.	0.390	0.013	0.052	0.189	0.380	0.581	
d	4.000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	15000	0.300	7467	2276.	0.334	0.011	0.044	0.163	0.334	( 6.531	
	6.0.0	137(0)	. 14500	0.900	7533	2327.	0.295	0.009	0.037	0.141			
			******	1.000	7300	2377.	0.262				0.295	9.481	
	<del>%</del>	.i	······	1.100	7367.	2398	the state of the s	0.008	,0.032	0.124	0.262	6,432	
		<u></u> •		and the state of t		the state of the s	0.239	0.007	0.029	0.112	0.239	0.393	
		······· <u> </u>	→ 1	1.200	7933.	2418.	0.218	0.007	0.026	0.102	0.218	0.307.	
			2.	<u>1.400</u>	ROA7.	2459.	0.135	0.005	0.022	0.095	0.185	0.316	
		<u></u>	Ĵ•	1.600	8200•	2499.	0.159	0.005	0.018	0.073	0.159	0.274	
***				1.300	9350.	2850.	0.111	0.003	0.013	0.050	0.111	0.193	
	in i	o an an Co	<b>)</b> • •	S*000	10509.	3200.	0.030.	0.002	0.009	0.036	0.080	0.140	
	<u>.                                 </u>		).	2.200	10000	3292•	, 0 <b>.</b> 069 ∖	0002	0.008	0.031	O.069	0.121	
	. 119. B. 11.			2.400		3383.	.0.060	0.002	0.007	0.027	0.060	0.106	
			J•	2.700	11550.	3520.	0.050	0.001	0.006	0.022	0.050	0.047	
				3.000	12000.	3658.	0.041	0.001	0.005	0.013	0.041	1.073	
	0.0	0	0.	3.500	12500.	3810.	0.033	0.001	0.004	0.015	0.033	0.058	
	2.0		)	4.000	13000.	3952.	0.027	0.001	0.003	0.012	0.027	7.047	
	<u></u>	O.	٦.,	5.000	13700.	4176.	0.019	0.001	0.002	0.009	0.019	0.034	
	(°.)	٠.	n. []	5.900	14330.	4368.	0.015	0.000	0.002	0.007	0.015	0.026	
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			400 -9	8 J 12			9	•		*			
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<u> </u>	rss	LINE.	17711-4	J REGIN V	relncity eur	NCTIONS	AT STACK	<u>1</u> 0 20008	TRACE 12	48 CDF	S TO NEXT V
T-10-11	AY AVG. VEL.	INT.VEL.	TWO-WAY	AVG.VEL.	AVG.VEL.						
	FF	1/SEC	TIME	FT/SFC	MISEC	NMO		NMO WITH	LIMITING	EACTOR	
	• • • • ( TABRE)			( VooflED	)	( 60001	1, 1000 •	20001	40001	6000 •	2300 ·
											, , , ,
1 1010		6730	0.100	6700	2042.	0.801	0.080	0.204	0.441	0.674	0.881
431	7100.	7211.	0.300	6933.	2083.	0.701	0.048	0.154	0.391	0.624	1.831
9.70	$\frac{0}{2} = \frac{7306}{2836}$	75.7.	0.303.	6957	2123.	0.612	0.033	0.115	0.341	0.574	○.731
1.00		2 14.7	0.400 .	71·10· d	2154.	0.535		0.097	0.291	0.524	0.731
1.63	0 3200,	33/7.	0.50)	7147.	2194.	0.475	, , , , ,	0.073	0.249	0.474	C.681
3,000			<u>0</u> •600 :	7233	2205.	0.424	0.016	0.061,	0.215	0.424	0.631
4,1			0.701	7300.	2225.	0.380	0.013	0.052	0.189	0.380	0.581
5.00		15999 • 165 \	0.300_	7457•	2276.	0.334	0.011	0.044	0.163	0.334	0.531
			0.00	7633.	2327.	0.295	0.009	0.037	0.141	0.205	).481
رانوراً (مُعَالِيَاتِ السَّامِينِينَ. المراجع			<u></u>	7900	2277.	0.262	0.008	0.033	0.124	~ 0•262	0.432
			1.100	7967.	2398.	0.239	0.007	0.020	0.112	0.239	0.398
	<u> </u>	0.	1.400	7933.	2418.	0.218	0.007	0.026	0.102	0.218	7.367
	7	71	1.400	806 <b>7。</b> 820 <b>0。</b>	2459.	0.185	0.005	0.053	0.085	0.185	0.316
			1.900		2479.	0.150		0.018	0.073	0.159	0.274
	· · · · · · · · · · · · · · · · · · ·			9350.	2850.	0.111	0.003	0.013	0.050	0.111	0.193
· · · · · · · · · · · · · · · · · · ·			2.200 2.200	10500.	3200.	0.080	0.002	0.009	0.036	0.080	0.140
6.6		0	2.400	. 10300 11100.	3292.	0.069	0.002	0.008	0.031.	0.069	0.121
D.0			2 720	11550.	3383. 3520.	0.060	0.002	0.007	0.027	0.060	0.106
			3.700 3.000	12000.	3658•	0.050	0.001	0.004	0.022	0.050	7.087
				12500.		0.041	0.001	0.005	0.018	0.041	0.073
		^	4.000	13000	3962.	0.033	0.001	0.004	0.015	0.033	0.058
	<u>.</u>		5.000	13700.		0.027 0.019	0.001	0.003	0.012	0.027	3.047
		3.	5,900	14330	4358.	0.019		0.002	0.009	0.019	C.034
er merent til som	o and a second sound to the second sound to th		Z ● Z S NZ SZ	17000	<del>1</del> 770• .	0.015	0.000	0.003	0.007	0.015	0.026
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	**** **** ****************************	•			FO - 116	•.					<b>∞</b>
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16 Y .	•	PITE STAT		. <b></b>		4 INDIII	FILES - TRACE	NIIMDEDC 1			. H→> .{ D. TRAC
							CALCO TRACE	NO THE NO	• • • • • • • • •		1845
5.5	4254 472 4	1)76 -8	9 12 24	14 23 1	5 20 16 19	17 16	18 15 21 10	22 9 23	6 24 5	25 2 2	26 1 12
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	3479 336	725 -8	8 15 27		7 18 18 17			© 27 11 23	8 24 7		.6 7 14 1 76 7 14 1
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e e	$(-x_{i})^{2} = x_{i} = x_{i} = x_{i} = 0$	ì	, , , ,		79 79 77 1		20 10 20 10		-c $c$ $c$ $c$ $c$ $c$		₩ . ₩ .
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1.10	ESSO	1.1MF • •	0714-4	PEGIN V	VELOCITY FUNCTION	MS AT STAC	K ID 4	40008	TRACE 12	48 CDFS	TO NEXT VEL
11.5	AVC.VEL. FEC	T/SFC	TWN-WAY	AVO.VEL. ET/SEC ( APPLIED	, ,, ,,	40 000') 1000'		MO WITH	H LIMITING 4000*	FACTOR	
6.100 6.400 1.700 1.700 2.000 2.000 6.0000 6.00000 6.0000 6.0000 6.0000 6.0000 6.0000 6.0000 6.0000 6.	6300. 7200. 7400. 7600. 8300. 600. 11500. 12500. 0. 0. 0. 0.	6870. 7332. 7533. 8600. 10400. 10800. 15500. 15500. 16500. 16500.	0.100 0.200 0.300 0.400 0.500 0.600 0.700 0.300 0.300 1.000 1.000 1.400 1.400 1.400 2.000 2.200 2.400 2.700 3.000	6800. 6933. 7067. 7200. 7233. 7267. 7300. 7333. 7367. 7400. 7500. 7500. 9300. 8550. 8300. 9400. 10000.	2073. 0 2113. 0 2154. 0 2154. 0 2195. 0 2205. 0 2215. 0 2225. 0 2245. 0 2246. 0 2256. 0 2256. 0 2256. 0 2286. 0 2316. 0 2423. 0 2606. 0 2682. 0 2865. 0 3048. 3	.788 0.078 .688 0.043 .600 0.033 .524 0.023 .469 0.019 .421 0.016 .380 0.013 .344 0.013 .314 0.013 .314 0.013 .314 0.013 .315 0.00 .236 0.00 .236 0.00 .130 0.00 .132 0.00 .132 0.00 .133 0.00 .133 0.00 .133 0.00 .133 0.00 .133 0.00 .133 0.00 .134 0.00 .135 0.00 .137 0.00 .138 0.00	7 00 22 00 33 00 66 00 66 00 67 00 68 00 60 br>60 00 60 0	0.201 0.151 0.112 0.087 0.071 1.060 0.052 0.045 0.045 0.045 0.032 0.032 0.015 0.015 0.015 0.010 0.008 0.006 0.006	0.435 0.385 0.335 0.285 0.246 0.214 0.189 0.168 0.151 0.137 0.122 0.110 0.038 0.071 0.060 0.051 0.041 0.033 0.026 0.020	0.669 0.619 0.569 0.519 0.469 0.421 0.380 0.344 0.287 0.260 0.236 0.190 0.156 0.132 0.113 0.091 0.074 0.057 0.045	0.10 0.10 0.10 0.10 0.10 0.10 0.13
	( MAXI	7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	3.500 4.000 5.000 5.900	12000. 12500. 13200. 13330.	3658. (38104 (4023. (4215. (6	0.036	1 1 0	0.004 0.003 0.002 0.002	0.016 0.013 0.009 0.007	0.036 0.029 0.021 0.016	0. 53 0. 51 0. 37 0. 28 Z ( OU!
02 6 7) 39 100 2 101 3 102 4	155 MMJ 264 464 936 628 608 392 936 428 264 464 936 428 608 392	1075 -11 1000 -11 1025 -11	8 37 2 8 33 2 8 39 2 8 39 2 8 39 2 8 39 2 8 40 2 8 41 2	4 39 21 2 40 21	39 20 40 19 4 40 20 42 16 4 41 18 42 17 4 41 19 42 18 4 41 20 42 19 4 43 17 44 16 4 43 18 44 17 4	1 16 42 15 45 3 13 45 11 46 4 13 45 12 46 3 15 44 14 46 3 16 44 15 47 7 11 48 10 49 6 13 47 12 48 5 15 46 14 48	10 46 10 47	9 47 7 48 8 48 9 49 9 6 5 9 8 50	3 6 49 3 3 7 49 4 3 8 49 5 9 6 50 5 1 3 52 2 0 7 51 4	50 3. 50 4 5 51 2 5	13 l

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TIME	FFE	TMT.VEL. T/SEC	TWO-WAY TIME	FT/SEC	AVG.VEL. M/SEC	NMQ			TH LIMITING		
• • • • • • •	• ( [MPUT)	• • • • • • •	• • • • • •	( APPLIED	)	( 6000')	10001	2000 <b>*</b>	, 400n <b>'</b>	4000 <b>'</b>	° 00'
0.100	6700.	670G.	0.100	6700.	2042.	0.801	0.080	0.206	0.449	0.679	0.365
Ç. <b>7</b> 00	7250 👡	7342	0.200	6792.	2070.	0.706	0.048	0.156	0.399	0.629	0.815
0.000	7800.	9725.	0.300	6883.	2098.	0.622	0.033	0.110	0.349	0.579	0.765
1.300	8100.	8775.	0.400	6975.	2126.	0.549	0.025	0.092	0.299	0.529	0.715
F.500	300C •	14850.	0.500	7067.	2154.	0.495	0.020	0.075	0.255	0.479	0.565
4.300	100000.	15000.	0.600	7158.	2182.	0.431	0.016	0.062	0.220	0.429	615
_3 <b>.</b> 000	12000.	15000.	0.700	7250.	2210.	0.384	0.013	0.05?	0.191	0.379	0 555
4.000	13000.	16000.	0.300	7525.	2294	0.329	0.011	0.043	0.160	0.329	0.515
F.000	13700.	16500.	0.900	7800.	2377.	0.284	0.009	0.036	0.136	0.284	11.465
p., 6	. ೧∙.	4.	1.000.	7875.	2400.	0.257	0.008	0.032	0.122	0.257	0.425
n.∩	0.	. F	1.100	7950.	2423.	0.234	0.007	0.023	0.110	C-234	0.301
C.D.	0.	<b>⊙•</b>	1.200	8025.	2446.	0.214	0.006	0.026	0.099	0.214	0.360
0.0	٥.	γ.	1.400	3550.	2505.	0.166	0.005	0.019	0.074	0.166	0.284
r.:0	0.	Ή.	1.600	0333	2845.	0.124	0.004	0.014	0.055	0.124	0.215
r:• )	. 0.	$\alpha_{ullet}$	1.300	10000.	3048.	0.097	0.003	0.011		0.097	0.170
0.0	O .	0.	2.000	10333.	3150.	0.083	0.002	0.009	0.037	0.083	0,145
0.0	0.	?•	2.200	10557.	3251.	0.071	0.002	0.008	0.032	0.071	0.124
0.0	n.	: 1 •	2.400	. 11000.	3353.	0.061	0.002	0.007	0.027	0.061	0.103
∿.0	• • • • • • • • • • • • • • • • • • •	).	2.700	11500.	3505.	0.050	0.001	0.006	0.022	0.050	0.099
0.0	. O.	0.	3.000	12000.	3658.	0.041	0.001	0.005	0.018	0.041	0.073
0.0	0.	<b>n</b> .	3.500	12500.	3810.	0.033	0.001	0.004	0.015	0.033	0,058
0.0	0.	) <b>.</b>	4.000	. 13000.	3962.	0.027	0.001	0.003	0.012	0.027	0.047
0.0	0.	• • •	5.000	13700.	4176.	0.019	0.001	0.003	0.000	0.019	0.034
0.0	. 0.	j.	5.900	14320.	4368.	0.015	0.000	0.002	0.007	0.015	0.026
						. 0.019	0.4000	0.002	0.007	0.012	1, 1 O Z 13
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	( MAXIM	U!^ )	INPUT							SP-133	8
MIL DI						. f TNPHT FIL	ES - TRACE N	IMREDC 1		- (	TRA

8 63 22 64 21 65 18 66 17 67 14 68 13 69 12 70 11 71

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8 63 24 64 23 65 20 66 19 67 16 68 15 71 10 72 9

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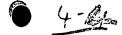
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J111	= = = = = = = = = = = = = = = = = = =	J 1785.	. 7714-4	REGIM	VELOCITY FUN	CTIONS	AT STACK 1	מימסקד ס	TPACE 12	63 1731	
T 47-31AY	AVG. VEL.	JHT.VEL.	TWID-WAY	AUC VEI	ANC VEI					·	
TIME		FT/SEC	TIME	AVG.VEL. FT/SEC	AVG.VFL.	aku o					*
		)		( APPLIED	. M/SEC	NMO 4 COOSTS	10004		+ LIMITING		
		, • • • • • • • • • • • • • • • • • • •	•••••	A Mest Little	)	( 6000*)	1000 •	2000'	4000*	6000*	3 OO •
0.100	6700.	6700.	0.100	6700.	2042.	0.801	0.080	0.207	0.453	0.440	
0.500	7000.	7:175.	0.200	6775.	2065	0.708	0.049	0.157	0.493	0.640 0.590	0.842
Ç.760	730.).	oon).	0.300	6350.	2088.	0.626	0.034	0.119	0.473	0.540	1.792
1.600	8200.	3511.	0.400	6925	2111.	0.554	0.025	0.093	0.303	0.490	7.742
1.300	9000.	154(0).	0.500	7000.	2134.	0.492	0.020	0.076	0.258	0.440	1.692
2.000	10000.	10000	0.600	7400.	2256	0.409	0.015	0.058	0.203	0.390	0.642 · · ·
3.000	12000.	16000.	0.700	7800.	2377.	0.340	0.012	0.045	0.168	0.340	
4.000	13000.	16000	0.300	7944.	2391	0.307	0.010	0.040	0.149	0.340	0.542
5.000	13700.	16500.	0.900	7329.	2405.	0.278	0.009	0.035	0.133	0.278	496
0.0	٥.	0.	1.000	7933.	2418.	0.254	0.008	0.031	0.120	0.254	.456
`e.o	. 0.	A .	1.100	7078	2432.	0.233	0.007	0.028	0.109	0.233	.420
0.0	· 0.	0.	1.200	8022.	2445	0.214	0.006	0.025	0.100	0.214	·.338
0.0	0.	).	1.400	8111.	2472.	0.183	0.005	0.027			··• 350
6.0	· /):	١.	1.500	3200	2499.	0.159	0.005	0.022	0.084 0.073	0.193	(.313
0.00	0.	·) •	1.900	9000.	2743.	0.119	0.003	0.014	0.073	0.159 0.119	(.274
0.0	Ů.	١.	2.000	10000.	3048	0.0381	0.002	0.010			.208
6.A	′) •		2.200	10400.	3170.	0.074	0.002	0.017	0.040	0.088	1.154
0.0	o.	· .	2.400	10300.	3292.	0.063	0.002	0.007	0.033	0.074	6.131
0.0	0.	0.	2.700	11400.	3475.	0.051	0.002	0.007	0.028	0.063	1.112
0.0	0.	Ð.	3.000	12000.	.3658.	0.041	0.001	0.005	0.023	0.051	0.090
0.0	<b>?</b> .	.).	3.500	12500.	3910.	0.033	0.001	0.003	0.018	0.041	1.073
0.0	0.	2	4.000	13000.		0.027	0.001	0.004	0.015	0.033	0.053
0.0	. () •	)	5.000	13700.	4176.	0.019	0.001	0.002	0.012	0.027	(.047
$\phi_{\bullet} \phi$	0.	),	5.900	14330.	. 4368.	0.015	0.000		0.009	0.019	( • 034 <sub>1</sub>
		-		143.00	. 4300.	0.012	0.000	0.002	0.007	0.015	1.026
		•			•			•			-
			•	•							
CDF	( MAXI	AUM )	INPUT		•				·	(0-17	344.1 1. TRAC
		AUTE STAT	RESL			I INDUT ETC	ES - TRACE N	HIMDEDC (		J* 1.	7 4 7 .1
:				•••••			ES - IRAGE N	OWNERS V.	• • • • • • • • • • •		· · · · · · · ·
170 42	64 (480 )	1075 ; -14	۶ 73 24	74 23	75 20 . 76 19	77 16 . 78	15 01 10	02 0 02	. 0/ . 5	. 25 2 0	
171 30		1)00 -14	8 74 24		76 20 77 17			82 9 83		85 2 86	
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		1000 -14	8 75 23		_			82 11 83.		85 4 86	- ;
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		1000 -14	8 76 24	• • •	78 20 79 17				-6 86 5	87 2 37	•
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		1000 -14			79 18 - 80 17 79 19 - 80 18.		13 83 12	84 11 85			
		1 75 ~14	0 77 24	1 10 66 . 1 10 03	79 20 - 30 18. 79 20 - 30 12	91 17 87	14 84 12	85 9 86		- <b>89</b> 4 90	· •
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JOP.	H 5 5 (1	1175 7714-4	REGIN VE	LOCITY FUNCTION	DNS A



ा । यदं ः	EEE		TWO-WAY TIME	AVG.VEL. ET/SEC	AVG.VEL. M/SEC	NMO		- NMO WIT	H LIMITING	FACTOR	~~~~~~
• • • • • • • •	( 1.4bút.)	••••••	•••••	( V,bbf1ED	)	( 5000*)	1000 •	20001	40001	6000*	8100
0.100	6700.	' A7A1.	0.100	6700.	2042.	0.801-	0.080	0.203	0.435	0.666	0.955
2.400	7200.	7367.	0.200	6867.	2093.	0.696	0.047	0.153	0.385	0.616	0.805
J. * 3200	7500.	7745.	0.300	7033.	2144.	0.604	0.032	0.113	0.335	0.566	0.755
1.100	8400.	12450.	0.400	7200.	2195.	0.524	0.023	0.087	0.285	0.516	0.705
1.300	9400.	10071.	0.500	7260.	2213.	0.465	0.019	0.071	0.244	0.466	0.555
3.000	12000.	15000.	0.400	. 7320.	2231.	0.416	0.015	0.059	0.212	0.416	0,605
4.000	13000	16030.	0.700	7380.	2249.	0.373	0.013	0.051	0.185	0.373	0.555
5.000	13700.	14600.	0.300	7440.	.2268.	0.336	0.011	0.044	0.164	0.336	0.505
0.0	, n.	`•	0.900	7500.	2236.	0.304	0.010	0.039	0.146	0.303	0.455
. (.)	. O.	J.,	1.000	7950.	2423.	0.253	0.008	0.031	0.119	0.253	0.405
0.0	0.	^ •·	1.100	8400.	2560.	0.212	0.006	0.025	0.097	0.212	0.355
0.0	. O.	7.	1.200	8543.	2604.	0.199	0.006	0.023	0.088	0.190	0.322
0.0	o.	<b>∴</b>	1.400	9829.	2691.	0.155	0.005	0.018	0.071	0.156	0.268
6.0	o.	•	1.600	9114.	2778.	0.130	0.004	0.015	0.059	0.130	0.225
1.0	<b>り</b> ・・	$\sigma_{ullet}$	1.360	0400.	2865.	0.110	0.003	0.013	0.050	0.110	0.191
0.0	0.	Ó.	2.000	9833.	. 2997.	0.091	0.003	0.010	0.041	0.091	0.159
0.0	ე.	h •	2.200	10267.	3129.	0.076	0.002	0.009	0.034	0.076	0.134
€.0 .	. O .	D 🗸	2.400	. 10700.	3261.	0.065	0.002	0.007	0.029	0.065	0.114
ro.ee is	O •	*1 •	2.700	11350.	3459.	0.051	0.001	0.006	0.023	0.051	0.190
0.0	0.	).	3.000	12000.	3658.	0.041	0.001	2.005	0.013	0.041	0.73
· (1)	O•	J.	3.500	12500.	3810.	0.033	0.001	0.004	0.015	0.033	n. 158
$\dot{\phi} \bullet \dot{\phi}$	. 0.	$\alpha_{ullet}$	. 4.000	13000.	3952.	0.627	0.001	0.003	0.012	0.027	0.47
0.0	φ.		5.000.	13700.	4176.	0.010	0.001	0.002	0.003	0.019	0.734
0.0	0.	( ·	. 5.900	14330.	4368.	0.015	0.000	0.002	0.007	0.015	0.026

COF	( MA)	CIMUM )	IMPUT	•			517-133 6.000
					I INPUT FILES -	TRACE NUMBERS )	TRACE
213	4274 464	1075 -16	8 97 24 98 23	99 20 0 19	1 16 2 15	5 10 6 9 7 6 8 5	9 2 10 1 12
210	3936 423	1000 -16	8 98 24 99 21	0 20 1 17	2 16 3 13	5 11 6 10 7 7 8 6	9 3 10 2 13
220	3609 392	925 -16	9 99 22 0 21	1 13 2 17	3 14 4 13	5 12 6 11 7 8 8 7	7 9 4 10 3 14
221	3936 428	1000 [-16]	8 49 23 0 22	1 19 2 18	3 15 4 14	6 12 7 9 8 8 9 5	5 10 4 11 1 15
222	4264 464	1075 -16	9 29 24 0 23	1 20 2 19	3 16 4 15	7 10 8 7 9 6 10 5	5 11 2 12 1 16
223	3936, 428	1000 -16	9 0 24 1 21	2 20 3 17	4 16 5 13	7 11 8 10 9 7 10 6	$>$ 11 3 12 2 $\Longrightarrow$ 17 $\stackrel{!}{\cdot}$
224	3608 302	025 -17	9 1 22 2 21	3 18 4 17	5 14 6 13	7 12 8 11 9 8 10 7	7 11 4 12 3 18 [
	3936 428		9 1 23 2 22	3 19 4 18	5 15 6 14	8 12 9 9 10 8 11 5	$5 12 4 13 1 \infty 19$
226	4264 464	1975 -17	9 1 24 2 23	3 20 4 19	5 16 6 15	9 10 10 9 11 6 12 5	5 13 2 14 1 🗪 20 🖟
227	3034 422	10/06 - 17	9 2 24 1 2 21	4 20 5 17	6 16 7 13	9 11 10 10 11 7 12 6	5 13 3 14 7 21
. 9 .	200	1.7	0 2 22 4 1	6 19 / 47	7 15 4 13	- 9 ÎP 10 11 11 B 19 19	7 13 4 15 27 🖁

	1000		6	i į Ar.	· • • • • • • • • • • • • • • • • • • •	nedt.	: VFL	UC I TY	NCTI	INS	<u>,</u> . Λ	T STACK [	) 12000F	, Tu	PADE	4-	- COES	हेह खु	EXI VE
	Table 9.4 A	* AVG. I	//T+	THIL. VIL.		Y 4V0.VE	٠ ٨	VG.VEL.											, i
	4.10gs			F/Str	Lit at	FT/SEC		MISEC		MMO				THI	LIMITING	FACT	P9 <del></del>		;
	••••••	• ( )	12111		• • • • • •	· ( vooftt	0 )	• • • • • • .	(	60001)		1000*	20001		40001	60	0001	3. J	0.
	0.100	6.70	·()	67 111.	0.100	6700.		2042.		0.801		0.080	0.204		0.441	0	400	2 2	20
	0.490	710		7233.	0.200	6333		2083		0.701		0.048	0.154		0.441 0.391		690 430	0.0	
	1.000	720		7267.	0.300	6967.		2123.		0.612		0.043	0.115		0.341		530 590	1.6	
	1.200	760	ic.	9699	0.400	7100.		2164.		0.535		0.024	0.089		0.291		530	7.3	
	1:400	6.3.C	n.	forman.	0.500	7117.		2169.		0.480		0.019	0.074		0.252		430	1.7	
	3.400	1050	٠C •	15101.	0.500	7133.		2174.		2.433		0.016	0.062		0.221			0.7	
	3.000	1200	n.	18000	0.700	7150		2179.		0.393		0.014	0.05%		0.196		433	0.6	
	4.000	1,300	ρής <u>.</u>	16611.	າ. ຈັດກ	7167		2184.		0.358		0.012					313	6.6	
	5.000	1370		15551.	0.300	7183.	,	2100.		0.328			0.047		0.175		358	n, ;	
	n.n ∷		C.		1.000	7227		2105.		0.325 ∂.302		0.011	0.042		0.158		1.13	*. *	
	.4.3		0.	•	1.100	7400		2256.		-		0.010	0.039		9.149		1,1,1	* - 1	,
	5.0		Ç.	) .	1.200	7400				0.267		0.008	0.033		0.126		267	S- 11	
	1.0		0.	7	1,400	<b>7</b> 900.		2314.		0.236		0.007	0.020		0.110	· 0.	-	0.39	96
	0.0		0.	ì .	1.600	3200		2408.		0.193		0.006	0.023		0.099		193	0.32	
	0.0		0.	n.	1300	4775		2499.		0.159		0.005	0.018		0.073		159	0.77	74
	0.0		r .		2.000	0350°		2675.		0.125		0.004	0.014		n.ŋs/		125	0.21	
	0.0		n.	).	2.200	-		2850.		0.100		0,103	0.011		0.045		100	0.17	
	0		0.	). A.	2.400	9 125.		3025.		W*( 15		0.002	4.000		₽ <b>.</b> 037	0.	0.5	6.16	3
	6.0		0.	1		10500.		3200.		7.047		0.003	11/13		4. (13.	^ -	137	P !	3
	.0		0.		2.700	11250.		3420.		Ç.Ç52 .		n.onl	· . 00%		4.021	2.1	74.2	. 4	2 1
	1.0		0. ().	<u></u> .	3.000	12000.		3658.		0.041		0.001	• 7.75%		$\phi_{\bullet} \alpha \Gamma_{0} = 0$	A	14.1	. 1	3
				<u>0.</u>	3.500	12500.		3910.		0.033	*	0.001	* 150° \$		-015	O.,	1 1 1	• •	A ·
	0•0 -0•0		0.	. 0.	4.000	13000.		3962.		0.037		0.001	0.4003		0.017	2.1	127	- 4	1 .
	<del>-</del>		·.	, n	5.000	13790.		4176.		0.01)		0.001	0.002		0.00	11.	110	13. 13	14
	0.0		0.	· 1 •	5.000	14330.		4368.		0.015	•	0.000	0.002		0.007	7.	15 ·	0 2	6 6
		÷								•									<b>t</b>
		•						**											Ī
	ODE	( . 10	AXIM	ım )	IMPUT			•								((	2170		( 0)
		STAM		ITH STAT					, ,	MOLIT E	tiee	- TRACE NI	1110 E 0 C . 1			>1°	12/	9	TOACI
	. •	, , , ,	,		151 1 1,		• • • •	• • • • • • •	• • •	MAGI F	(CE)	- IRACE N	Yang 6 8 2 1	• • • •	••••••	• • • • •	• • • • • •	• • /•	TRACE
	290 42	54 47	2 10	775 -18	. 9 32 2	24 34 23	35	20 36 1	() 7	7 16	38 15	41 10	42 9 4	3 6	5 44 5	45	2 1.4	1	12
	201 30			000 -18			36				39 13			3 7			2 46		15
·	205 36			125 -18			37				99 12 40 13						3 46		13
	503 30		6 10		**		37							3 8			4 45	3	E
	294 42			$75 \cdot -17$							40 14			4 8		46	4 41	1	15 ह
	295 39		_		· · · · · · · · · · · · · · · · · · ·		37				40 15			·5 6		47	2 43		1 ~ 1
	204 36						38				41 13			+5 7			3 49	-	17
	777 30						30				42 13			5 8		•	4 49	_	18
	293 .42						39				42 14		_	_		4.8	4 49		
	- 500 - 30 - 509 - 450		-	7516	9 37 2			20 40 1			42 15			+7 <i>€</i>	5 48 5		2 50		20
	300 3V			rno - 16			40			2 16				7	7 48 6		3 50		$\infty$ ?1
	101 200			25 -16	• •		41				44 13			7 8	•		4 50		S 23
			•	-16		3 .40 22				3 15				10 1			41 61	:	27
		:		1	y - 4 - 4 - 13	14 1 1	7.1	(1 45 ]	1	100	96 45	67 1	4 7 .	e (3 – 7	r r <sub>3</sub> r s.	1			. 4.

				4 1	-
J78 FSS0	1 MF 10714-4 REGIN N	VELOCITY FUNCTIONS	AT STACK ID 130008	TRACE 12 2 COFS	TO NEXT
TWO-MAY AVG. VEL. INT. V		AVG.VEL.			
TIME TEFT/SEC		MYSEC NMO		H LIMITING FACTOR	
( IMPUT)	··· I APPLIED	( 60001)	1000 2000	40001 50001	3000"
0.100 6700. 670		2042. 0.801	0.080 0.207	0.454 0.700	0.942
C.400 6900. 595		2062. 0.709	0.049 0.157	0.404 0.650	0.892
7,900 7,000.		2083. 0.628	0.034 0.119	0.354 0.600	0.342
1.000 7200. 303		2103. 0.557	0.025 0.094	0.304 0.550	0.792
1.200 76.00: 050	4 0.500 A925.	2111. 0.500	0.020 0.077	0.264 0.500	0.742
1.600 8200. 1000		2113. 0.451	0.017 0.055	0.231 0.451	0.692
2.400 10500. 1510	•	2126. 0.409	0.015 0.056	0.205 0.409	0.642
3.000 (12000. 1900	0. 0.300 7000.	2134. 0.372	0.013 0.049	0.183 0.372	0.592
4.000 13000 1600	0.900 [7100.5	2164. 0.335	0.011 0.043	0.162 0.335	0.542
5.000 13700. 165%	0. 1.000 7200.	2195. 0.302	0.010 0.038	0.144 0.302	0.492
	0 1.100 _ 7400. <sup>1</sup>	2256. 0.267	0.008 -0.033	0.126 0.257	0.442
0.0	3. 1.200 7A00.	2316. 0.236	0.007 0.029	0.110 0.236	0.395
^.0 (a.	0. 1.400 7000.	2403. 0.193	0.006 0.023	0.099 0.193	0.328
0.0	6. 1.500 P200.	2479. 0.159	0.005 0.013	0.073 0.159	0.274
ð.0	. 1.300 8775.	2675. 0.125	0.004 0.014	0.057 0.125	0.213
0.0	3. 2.000 9350.	2850. 0.100	0.003 0.011	0.045 0.100	0.175
n.n	0. 2.200 9925.	3025. 0.082	0.002 0.009	0.037 0.082	0.143
(.)	9. 2.400 10500.	3200. 0.067	0.002 0.003	0.030 0.067	0.118
_	2.700 11250.	3429. 0.052	0.001 0.006	0.023 - 0.052	1.092
	3.000 12000.	3658. 0.041	0.001 0.005	0.018 0.041	0.073
C.O O.	2. 3.500 12503.	3810. 0.033	0.001 0.004	0.015 0.033	0.058
	1. 4.000 13000.	3962. 0.027	0.001 0.003	0.012 0.027	0.047
	3. 5.200 13730.	4176. 0.019	0.001 0.002	0.007 0.019	0.034
	0. 5.900 14330.	4368.			
	J. J	4305. 0.015	0.000 - 0.002	0.007 0.015	0.026
				10-17 40	
CDF ( MAXIMUM )	INPUT	•	•	\$1380	.(
	TAT REFL	[ INPUT FIL	ES - TRACE NUMBERS 1.		YP A
10 miles	*				
214 4254 484 1075	-15 9 45 24 46 23 74	47 20   48 19   49 16   50	) 15 53 10 54 9 55	6 6 56 <b>5</b> 57 2 58	: 1 1
215 . 2326 . 444 . 1000	-15 9 46 24 47 21 6		L 13   53   11   54   10   55	5 7 54 6 57 3 58	?!
316 3608 409 025			2 13 53 12 54 11 55		
317 3936 444 1009			2 14 54 12 55 9 56		1.5
	— · · · · · · · · · · · · · · · · · · ·		2 15 55 10 56 9 57		<u>-                                    </u>
310 3036 444 1006			3 13 55 11 56 10 57		200 17
<del>-</del> -					دن لنا
320 3608 498 026	-15 9 49 22 50 21 9	51 13 - 52 17 - 53 14 - 54	4 13   55 12   56 11   57	r a 58 7 59 4 40	

9 49 23 - 50 72 51 19 52 18 53 15 54 14 56 12 57 9 58 8 59 5 69 4 (1) the market programme and the first term of the second second second second second second second second second

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Joa 🔭	• F\$\$0	flat.	0714-5	SECTIVE.	AETÜĞILA ED.	ACTIONS	AT STACK TO	10010	TRACE 1	<u></u> ፍባ በጋር	TO MEXT
T # 40-144Y	AVO.VEL.	1785C	THO-WAY	FIZSEC	MISEC	KMO		NMO MIT	LIMITIMS	FACTOR	
••••••	• ( ) ()	• • • • • • • •	• • • • • •	(- APPLIED	)	( 60001)	10001	50001	40001	6000*	4000 <b>.</b>
0.100	64119.	4910	0.100	5500.	1981.	0.829	0.083	0 111	0 440	2 4 2 2	_
- r.400	70 00		0.200	6667.	2032	0.722	0.050	0.211	0.448	0.692	0.940
0.904	7000.	7000.	0.300	6833.	2083.	0.428	0.034	0.161	0.308	0.542	0.330
1.200	7500 . 🗸	3200.	2.400	7000.	2134.	0.546		0.119	0.348	0.592	0.340
1.600	03 m) . 🖊	11300.	0.500	7503.	2134.	0.492	0.025	0.002	0.298	0.542	0.790
7.200	10400. /	16000	0.500	7000.	2134.		0.020	0.07%	0.259	0.492	0.740
3.000	12500.7	10:75.	0.700	7000.		0.445	0.017	0.055	0.528	0.444	0.590 (
4.000	13500	16500	0.900	· · · · ·	2134.	0.407	0.014	0.054	0.204	0.407	0.440 %
5.000	14200.	ומפרדן.	0.300	7000.	2134.	0.372	0.013	0.049	0.183	0.372	0.575
9.0	9.			7000.	2134.	0.343	0.011	0.044	0.156	6.343	0.855
	•	0.	1.000	7100.	2164.	0.300	0.010	0.739	0.148	0.303	0.507
6.0	າ.	. <u>^</u> .	1.100	7200.	2195.	0.230	0.009	0.035	0.132	0.200	3.446
0.0	1.	<i>t</i> ) •	1.200	7200.	?225.	0.254	0.003	0.031	0.119	0.25	0.425
	9.	0.	1.400	7200.	2377.	0.197	0.006	0.023	0.001	0.197	0.335
	າ.	<b>^.</b>	1.500	ម300°	2530.	0.156	0.005	0.018	0.071	0.154	0.249
· ^	1.	·) •	1.300	2000.	2743.	.0.119	0.003	0.014	0.054	0.119	
· · /)	() ·	Դ.	-2.000	9700.	2057.	0.03	0.003	0.011	0.042	0.007	0.208
6.9	0.	١	2.200.	10400.	3170.	0.074	0.002	0.308			2.163
1 2.0 m	<b>^.</b>		2.400	1/1975.	3330.	0.062	0.002	0.007	0.033	0.074	0.131
Ç.an	r.	· ).	2.700	11712.	3570.	0.048	0.001		0.028	0.062	0.103
(.0	` o <b>,</b>	).	3.000	12500.	3910.	0.038		0.005	Û•055	0.040	0.085
0.0	^ <b>.</b>	Ó.	3.500	13000.	3962.		0.001	0.004	0.017	ប្រឹប្រឹង	0.063
5 • P.	n .	Ó.	4.000	13500.		0.630	0.001	0.103	0.013	0.030	0.054 :
0.0	n.,	0.	5.300	- · · · · · ·	4115.	0.025	0.001	0.003	0.011	0.024	0.544
0.9	O			14200.	4328.	0.018	0.000	0.03	0.008	0.015	0.052
• •	•	).	5.960	14830.	4520.	0.014	0.000	0.402	. 0.006	0.014	0.025
	•										
							•				, ;
ເຄດ	· · · ( 314134	19 1	IMPUT						•		
ાંગ, કા			1 1년()] 보드문(				•				.1
	• • • • • • • • • • • • • • • • • • • •	317.1	*****	•••••	••••••	( INDUT EII	ES - TRACE MIR	18月→S )。。	• • • • • • • • • •		10 St. 2.
1.4 %	92 24	50 -15	10 2 12	Line of the second							
15 2		50 -15				•				•	
15 11	· ·			3 11'							
17 14	•		10 1 14	• • •	4 10						
19 18		• •	10 1 15		4 11 5. 0						
19 71	•	-15	10 1 14		4 12 5 10	6 8					•
		-14	16   1 17		3 13 5 11	6 9 7	7				<b>.</b>
20 24) - 21 27;	•	图1 14	-10 - 1.48	2 16	3 14 5 12	6 10 7	8 8 5	ř.			— <del>F</del> ebruary 1
		-14	10 1 10	2 17	3 15 4 13			<b>)</b> (1)			
7 7 1 1	17 145		1 1 2				•••				

jo⊄"; "	• ESSI	LIME.	•0714-5	, HEGIN )	VELDCITY FUN	CTIONS	AT STACK	15 300 <b>10</b>	TRACE 12	48 704	TO NEXT
TUNE	eut	THE VEL.	TMO-WAY TIME	AVG.VEL. ET/SEC ( APPLIED	AVG.VEL. M/SEC	-60001)	10001	MMO MITH 2000!	LIMITING 40(0*	FACTOR	8000*
0.100 0.400 0.900 1.300 1.600	7200	4500. (167.) 7000. (200.	0.100 0.200 0.300 0.400 0.500	6500. 6447. 6823. 7000.	1981. 2032. 2083. 2134. 2134.	0.828 0.722 0.628 0.546 0.492	0.083 0.059 0.034 0.025 0.020	0.211 0.161 0.119 0.092 0.076	0.448 0.398 0.348 0.298 0.259	0.602 0.662 0.502 0.542 0.642	0.940 / 0.890 / 0.840 0.790 /
2.240 3.300 4.390 5.300	10400. 12500. 13500. 14200.	1/000. 10275. 14500. 1/000.	0.460 0.700 0.300 0.300 1.000	7000. 7000. 7000. 7000. 7100.	2134. 2134. 2134. 2134. 2164.	0.446 0.407 0.372 0.363 0.309	0.017 0.014 0.013 0.011 0.010	0.065 0.056 0.056 0.069 0.044	0.229 0.204 0.133 0.166 0.148	0.446 0.407 0.372 0.343 0.309	0.690 0.690 0.595 0.555 0.57
0.0 0.0 0.0 0.0 0.0	0. 0. 0. 0.	0. // 0. // 0. // 0. //	1.100 1.200 1.400 1.600 1.300	7200. 7300. 7300. 8300. 9000.	2195. 2225. 2377. 2530. 2743.	0.280 0.254 0.197 0.156 0.119	0.099 0.098 0.006 0.005 0.003	0.035 0.031 0.023 0.013 0.014	0.132 0.119 0.031 0.071 0.054	0.230 0 01254 0.107 0.156 0.110	0.464 0.425 0.335 0.268 0.208
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·17.	OTST MAXIM		seef	· · · · · · · · · · · · · · · · · · ·	•••••	( INPUT FI	LES - TRACE !	nikasas )	•••••		· · · · · · · · · · · · · · · · · · ·
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	4-112	JE 5 5 11	LINE	7714-5	PEGIN	AEFOCITA LI	MOTIONS	AT STACK	10 50010	TRACE 12	96 C	TO NE
	11.40 11.40		r/350	11.Nc 11.Nc	AVG.VEL. FT/SEC / APPLIED	MISEC	NMO ( ( 6000*)	*****	'IMO' WIT	H LEMITING	FACTOR	11) 747
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	0.300 - 0.400	0500	4500. 7250.	0.100 0.200	6500. 6750.	1981.	0.929	0.083 0.049	0.207	0.445	0.672	0.00
	1.000	70,00	7000.	0.300	7000.	2134.	0.608	0.032	0.157	0.395	0.1.42	O.P4∯
	1.200	7200.		0.400	7000.	2134.	0.546		0.114	9.345	0.502	0.83;\$
	1.6.0	750./	9000	0.500	7000.	2134.	0.472	0.025	0.092	0.298	0.542	0.75%
		4700	12300.	0.600	7000.	2134.	0.445	0.020	0.076	0.259	0.472	0.732
	1.800 3.500	2/201	15090.	0.700	7050.	2149.	0.402	0.017	0.045	0.220	0.446	೧.გ೪೭
	2.000	10710	22400.	0.900	7100.	2154.	0.364	0.014	0.055	0.201	0.402	0.432
	2.400	11700.	16700.	0.900	7150.	2179.	0.331	0.013	0.048	0.179	0.354	9.502
•	4.000	13500.	-14200.	1.000	7200.	2195.	0.302	0.011	(1.042	0.160	0.331	0.535
	K.000	14200./	17000.	1.100	7350.	2240.	0.270	0.010	0.038	0.144	0.302	0.495
	r.a .	e3	1) .	1.200	7500.	2236.	0.242	0.008	0.033	0.127	0.270	0.447
	۸.٥	· · · · · · · ·	0.	1.400	8100.	2450.	0.184	0.007	0.029	0.113	0.242	0.406
	0.0	^ •	O 😅	1.500	8700.	2452.	0.142	0.005	0.02 <b>2</b>	0.085	0.134	0.313
	0.0	າ.	a.	1.800	9400	2865.		0.004	0.016	0.065	0.142	0.245
	0.0	Ct.	O	2.000	10702.	3261.	0.110	0.003	0.013	0.050	0.130	0.191
		<i>∧</i> •	11.	2.200	11200.	3414.	0.077	0.002	0.009	0.035	0.077	0.135
	0.0	· •	n.	2.400	11700.	3556.	0.064	0.005	0.007	0.029	0.064	0.113
	$C \bullet C = 0$	6.	ri 💮	2.700	12033.		0.054	0.002	. 0.006	0.024	0.054	0.006
	0.0	· ) •	11.	3.000	12375.	3669.	0.046	0.001	0.005	0.020	0.046	กราคเรี
	0.0	^•	Α.	3.5(0	12938.	3772.	0.039	0.001	0.004	0.017	0.039	0.040
	0.0	∂.	? •	4.000	13500.	3743.	0.031	0.001	0.003	0.014	0.031	0.054
	0.0	en 😱	n.	5.000		4115.	0.025	0.001	0.003	0.011	0.025	0.044
	(, , /)	O.	າ .	5.700	14200.	4328.	0.018	0.000	0.002	0.008	0.019	0.032
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							or taking bili	TS - TRACE	anderdisk )	• • • • • • • • • •	• • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·
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	10 4	■ me que	•	· 0/1/-5	p.13.1M	VELOCITY FU	NCTIONS	AT STACK 1	o	TRACE 12	72 (3)	-10 kby V
	T 20 プージスマ	AVG. Vri.		$\Gamma \otimes G + \otimes \Delta Y$	AVO.VEL.	AVG.VEL.			•			
	TIME	(F)	/5°	1.1.10	CIASEC	MISEC	SIMO		A14471		•	į.
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	0.100	Ar option	· .+ . J)	0.100	ASOC.	1931.	0.828	0.083	0.010			į
	0.490	<u> 6</u> ዓስንኒ ነ	69 JO	5.200	4500.	2012.	0.731		0.213	0.451	0.596	0.932
	6.490	7000	7/00.	0.300	1700.	2042.	11.544	0.051	0.163	0.411	0.545	0.882
	1.000	7201.	7.6	0.400	4300.	2073.	0.569	0.035	0.123	0.351	2.526	- १. ३३२ 🗜
	1.400	33101.	111 31.	0.500	eana.	2103.		0.026	0.096	10.311	0.546	0.742
	1.000	ennaj.	11.79.	0.600	7000	2134	0.503	0.021	0.078	0.255	0.494	0.732
	2.600	9500. 1	13.700	0.700	7050	2149.	0.446	0.017	9.055	0.229	0.446	3.692
	5 * 50 v	10600.	216.00.	0.300	7100.		0.40?	0.014	0.655	0.201	0.402	2.632
	2.300	12000.	17133.	0.900	7150.	2164.	0.364	0.012	0.048	C.178	0.364	0.522
	4.000	13500./	17000.	1.000	7200.	2179.	0.331	0.011	0.042	0.160	0.331	0.533
	. 5.00c	14200.1	17900.	1.100	7475	2195.	0.302	0.010	0.038	0.144	0.302	3.483
	0:0	<b>4</b>	'n.	1.200	7750.	2278.	0.242	0.008	0.032	0.123	0.262	0.423
		e e	ó.	1.400	2300	2352.	0.228	0.007	0.027	0.106	0.229	2.303
	0.0	n.	ń.	1.600		2530.	0.176	0.005	0.021	0.081	0.176	2.300
	10.0	41.	1)	1.300	8500	2621.	0.145	0.004	0.017	0.086	0.145	).251
	0.0	()	• •1 •		8000.	2713.	0.122	0.004	0.014	0.055	0.122	7.212
	10.00		n.	2.000	9500.	2896.	0.097	0.003	0.011	0.044	0.007	
	0.0	0.	•	2.200	10600.	3231.	0.072	0.002 -	0.008	0.032	0.072	0.170
	0.5		0.	2.400	11067.	3373.	0.060	0.002	0.007	0.027	0.060	0.126
	0.0	· ·		2.700	11767.	3586.	0.643	0.001	0.005	0.021	0.048	0.107
	0.0	6	n.	3.000	12250.	3734.	0.040	0.001	0.304	0.013		0.084
	0.1	n .	0.	3.500	12075.	3024.	0.031	0.001	0.003	0.014	0.040	2.270
	0.0		<b>9.</b>	4.000	13500.	4115.	0.025	0.001	0.003		0.031	1.055
	0.1	O.	υ <b>.</b>	5.000	14200.	4328.	0.018	0.000	0.002	0.011	0.025	1.044
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	100	1.684	LIME	:1714-5	REGINIA	VELOCITY FUN	CTEMS	AT STACK	ID 1200 <b>10</b>	TRACE 12		TO GEYR
	1140 1180-884	AVG. VEL.	1 r.vn1.	THU-MAY	AVG.VEL. ET/SEC	AVG.VFL.	<b>A.</b>					e de la companya de l
	• • • • • • •				( APPLIED	M/SEC	NMI) ( 6000*)	1000	HIIN ONN	A THAILING	FACTOR	
4	. 6.466					,	<b>(</b>	1000*	2.100 *	400 <b>0</b> •	400 CT	8000
	0.100	6500.7	5500.	0.100	6500.	1081.	0.828	0.083	0 212	5 454	_	
1	A.500	70.00	1125.	0.200	6625.	2017.	0.727	0.051	0.212	0.456	0.646	9.397.
	0.300	73.00	7990 •	0.300	6750.	2057.	0.639	0.035	0.162	0.406	9.635	0.357
	1.200	7500.	7999.	0.400	6375.	2096.	0.560	0.026	0.122	0.256	0.594	Q. 907
	1.600	39cp . /	12777.	0.50)	7000.	2134	0.492	0.020	0.025	9.306	0.536	0.757
į	1.200	9200.	12490.	0.5(0)	7100.	2164.	0.436		0.076	0.259	0.42	0.707
	3.000	11000. 🦿	27200:	0.700	7200.	2195.	0.388	0.016	0.063	0.223	0.436	0.657
1	3.000	- 1259a 🇸 🖯	1.50).	0.800	7300.	2225.	0.347	0.014	0.053	0.194	0.345	0.607-
	4.000	13500.	16500.	0.200	7350.	2240.		0.012	0.046	0.170	0.347	0.557
9	5.000	14200.	17000.	1.000	7400	2256.	0.315	0.010	0.040	0.152 -	0.315	0.512
	0.0	). '	Λ.	1.100	7450	2271.	0.287	0.003	0.034	0.137	0.247	0.473 (
	6.6	0.	ó.	1.200	7500		0.263	0.003	0.032	C.124	0.263	0.437
	0.0	n.	n.	1.400	8150.	2284. 2484.	0.242	0.007	0.029	0.113	0.242	0.406 ;
i i	, 0.0	i) •	n.	1.500	8900.		0.182	0.005	0.021	0.034	0.132	0.310
	0.0	• •	γ. ·	1.300	2201.	2682.	0.139	0.004	0.016	0.043	0.130	0.240
	^.O	0.	1.	S • 000.		2804.	0.115	0.003	0.013	0.042	0.115	0.100 .
	0.0	n.	0.	2.200	11000.	3353.	0.073	0.005	0.003	0.033	0.073	0.129
	0.0	ο,	າ.	2.400	11300.	3444.	0.063	0.002	0.007	0.028	0.053	0.111
	0.0	n.	າ.	2.700	11600.	3534.	0.055	0.002	0.00%	10.025	0.055	0.007 :
	$e_{\bullet}$	n .	ý.		12050.	3673.	M. 046	0.001	0.005	0.020	0.044	0.080 .
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	$\bar{n}$ . $\hat{n}$		· ·	3.500	13000.	3962.	0.030	0.001	0.003	0.013	0.030	0.054
	0.0	J •		4.220	13500.	4115.	0.025	0.001	0.003	0.011	0.025	0.644
	0.0	<i>r</i> .	0.	5.000	14200.	4323.	0.013	0.000	0.002	0.008	0.010	0.032
	•	•	0.	5.900	14830.	4520.	0.014	0.000	0.002	0.006	0.014	0.025
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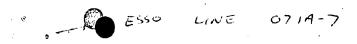
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PEGIN VELOCITY FUNCTIONS LINE.. 071A-5 AT CDF 14 38 CDFS TO NEXT VELOCITY TMO-MAY AVG. VEL. INT. VEL. TWO-WAY AVG. VEL. AVG.VEL. I TIME -- FEET/SEC --TIME FT/SEC MASEC NMO "" ----- NMO WITH LIMITING FACTOR -----..... ( INPUT) ...... ..... ("APPLIED ) ..... ( 54121) 4921 21321 4100\* 54121 0.100 6500. 6500. 0.100 1931. 6500. 0.739 0.025 0.227 0.459 0.512 0.539 .0.400 7000. 7167. 0.300 6667-2032. 0.636 0.013 0.177 0.409 0.552 0.849 0.800 7400 -7800. 0.300 6833. ~2093. 0.547 0.009 0.133 0.359 0.400 0.512 0.793 -1,200 77 CO . 8300. 70000 2134. " 0.470 . 0.006 0.103 0.309 0.462 1.600 0.743 9500. 0.500 14900. 7100. 2164. 0.412 0.005 0.083 0.254 0.412 1.800 0.600 0.699 10400. 17600. 7200. 2195. 0.362 0.004 0.069 0.227 0.760 0.362 2.000 11000. 0.549 15400. 7300. 2225. 0.320 0.003 0.058 0.197 0.320 3.000 12500. 0.300 0.599 15500. 7400. 2256. 0.234 0.003 0.050 0.1730.284 4,000 2.549 13500. 16500. 0.300 7475 2278. 0.255 0.002 0.044 0.154 0.255 5.000 1.000 0.502 14200 -17000. 7550. 2301. 0.2300.002 0.039 0.138 0.0 0.230 0.460 0. 0. 1.100 7525. 2324. 0.209 0.002 0.035 0.124 0.209 0.0 0.423 0. 0. 7.1.200 7700. 2347. 0.191 0.002 0.032 0.113 0.191 0.0 0.353 0. 0. 1.400 8600. 2621. 0.135 0.001 0.022 0.079 0.135 0.0 0.283 0. 1,600 9500. 2896. 0.093 0.001 0.016 9.057 0.098 0.0 0.210 Ο. 0. 1.800 10400. 3170. 0.074 0.001 0.012 6.0 0.043 0.074 0.159 . 0 -2.000 11000. 3353. 0.060 0.000 0.009 0.034 0.0 0.050 0.129 0. .0. 2.200 11300. 3444. 0.052 0.000 0.008 0.030 0.0 0.052 0.112 0. 0. 2.400 11600. 3536. 0.045 0.000 0.007 0.026 0.0 0.045 0.093 0. 0. 2.700 3673. 12050. 0. 0.037 0.000 0.006 0.021 3.000 0.037 . (1.1) 0.081 2. 12500. 3810. 0.031 0.000 0.005 0.018 0.031 0.0 0.063 0. 0. 3.500 13000. 3962. 0.025 0.000 0.004 0.014 0.025 0.054 0.0 Ο. 4.000 0. 13500. 4115. 0.020 0.000 0.003 0.012 5.000 - 0.020 0.0 0.044 Λ. Λ. 14200. 4328. 0.015 0.000 0.002 0.008 0.015 0.032 .0.0 5.900 14830. 4520. 0.011 0.000 0.002 0.006 0.011 0.025 TURM! .... ( MUNIXAM ).... DIST NO MUTE STAT REEL ..... [ INPUT FILES - TRACE NUMBERS ]..... TRACE 14 492 24 25 -2022 2 12 15 320 60 25 -22 22 1 13 3 11 16 1148 1.00 300 -23 22 1 14 3 12 4 10 17 1475 1 44 1.15 -23 22 1 15 2 13 4 11 5 9 13 1804 1.84 410 -23 22 1 15 2 14 4 12 5 10 10 2132 224 465 -23 22 .1 17 2 15 3 13 5 11 6 9 7 7

ζψ.,	_		•							•	
 Jug.	• ESSO	LINE	0714-5	BEGIN	VELOCITY FUN	CTIONS	AT CDF	52 46	CDES TO N	EXT VELOCIT	Y
THO-MAY	Y AVG. VEL.	INT.VEL.	TWO-WAY	AVG.VEL.	AVG.VFL.	Carrier of the Court of the Marketing of the America	t mitum e een oo oo ga		yer.		
TIME	"	T/SEC T	TIME	FT/SEC	MISEC	NMO	·	NYO UTTO		F. 0.70.	
• • • • • •	ודטייון ייי	• • • • • • •			)	( 5412*)	492	2132*	LIMITING 4100°		
					104 A.H. 1	. , , , , , ,		<u> 2106°</u>	4100,	5412*	80361
0.100	7000.	7000.	0.100	7000.	2134.	0.680	0.022	0.210	0 422	0.504	2 2 2 2
0.400	7400.	7533.	0.200	7133.	2174.	0.585	0.012	0.160	0.433	0.584	0.886
0.800	74.00.	7400.	0.300	7267.	2215.	0.503	0.008	0.120	0.333	0.534 0.484	0.836
1.000	7700.	8000.	0.400	7400.	2256.	0.434	0.005	0.093	0.233	0.434	0.736
1.200	8200.	10700.	0.500	7400.	2256.	0.386	0.004	0.077	0.246		0.736
1.400	9500.	17300.	0.400	7400.	2256.	0.346	0.004	0.066	0.217	0.386	0.686
-1.800	11000.	16250.	0.700	7400.	2256.	0.312	0.003	0.057	0.217	0.346	0.536
2.490	12300.	16200.	0.300	7400.	2256.	0.284	0.003	0.050	0.173	0.312	0.586
4.000	14000	16550.	~ 0.900 °	7550.	2301.	0.251	0.002	0.043	0.151	0.284	0.536
5.000	14700.	17500.	1.000	7700.	2347.	0.222	0.002	0.038	0.131	0.251	0.435
, ۥ0	G •	1).	1.100.	7950.	2423.	0.194	0.002	0.032		0.222	0.435
0.0	0.	0.	1.200	8200.	2499.	0:170	0.001		0.115 - 0.100	0.194	0.396
0.0	0.	o	1.400	9500.	2896	0.111	0.001	0.018		0.170	0.335
0.0	0.	n.	1.600	10250.	3124.	0.085	0.001	0.013	0.065 0.049	0.111	0.236
6.0	0.	n.	1.800	11000.	3353.	0.056	0.001	0.010		0.085	0.182.
$\mathfrak{o}_{\bullet}\mathfrak{o}$	C.	0.	2.000	11433.	3485.	0.055	0.000	0.010	0.038	0.066	0.143
$\mathcal{O} \bullet \mathcal{O}$	n.	0.	2.200	11867.	3/17.	0.047	0.000	0.007	0.032	0.055	0.120
0.0		0.	2.400	12300.	3749.	0.040	0.000	0.007	0.027 0.023	0.047	0.102 0.087
$\phi_{\bullet} \alpha$	0.	0,•	2.700	12519.	3846.	0.034	0.000	0.005	0.073	0.040	
0.0	0.	ø.	3.000	12938.	3943.	0.029	0.000	0.005	0.019	0.034 0.029	0.074
0.0	0.	0.	3.500	13469.	4105.	0.023	0.000	0.004	0.013	0.023 0.023	0.954 0.959
0.0	0.	្.	4.000	14000.	4257.	0.019	0.000	0.003	0.013	0.019	0.041
r) • O	0.	0.	5.000	14700.	4471.	0.014	0.000	0.062	0.00%		0.030
0.0	0.	0.	5.904	15330.	4673.	0.011	0.000			0.014	0.030
	• •					0.041	0.000	0.002	0.006	0.011	0.023
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COF.	MAXIM	1177 3	MOLLE						( ) (c)		
			NPUT FEL	• • • • • • • • •		INPUT FILE	ES - TRACE	NUMBERS )			.( TRA
52 4	100 432	795 -24	22 17 27								
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		795 -24 795 -24	22 16 23	T / ST 1	18 19 19 17	20 15 21	13 23 11	24 9 25			
		•			8 20 19 18				8 26 6		2' 1
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, ,	100 634	795 24	22 18 24	10 55 3	50 50 %1 18			·	8 28 6	29 4 30	· •
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J00	FSSC	LINE.	971A-5	BEGIN	VELOCITY FUN	CTIONS	AT CDF	98 (	O CDES TO A	EXT VELOCI	ST. A. ST.
TWO-WAY	AVG.VEL. FEE - ( INPUT)	INT.VEL.	TWO-WAY	AVG.VFL. FT/SFC ( APPLIED	AVG.VFL. M/SEC	NMO ( 5412')	4921	NMO WIT	H LIMITING	FACTOR	·
0.100	7000.	7000			•	1 2:12 /	492 •	2132*	41001	54121	8036 <b>1</b> <sup>1</sup>
6.400	7200.	7000.	9.100	7000.	2134.	0.680	0.022	0 212			ř
0.900	7200.	7267.	0.500	7067.	2154.	0.592	0.012	0.212	0.446	0.601	0.917
1.600		7200.	0.300	7133.	2174.	0.516		0.162	0.396	0.551	0.357
2.000	" 8400 <b>.</b> "	9943.	0.400	7200. '**	2195.	0.451	0.008	0.123	0.346	0.501	0.817
	10500.	18900.	0.500	7200.	2195.		0.006	0.098	0.296	0.451	0.757
2.400 "	11700.	1 <b>7</b> 700. **	0.600	7200.		0.403	0.005	0.081	0.258	0.403	0.717
4.000	14000.	17450.	0.700	7200.	2195.	0.362	0.004	0.059	0.227	0.362	
5.000	14700.	17500. ""	0.300	7200	2195.	0.327	0.003	0.060	0.202	0.327	0.657
0.0	r .	0.	0.200		2195.	0.298	0.003	0.053	0.182		0.517
0.0	() •	ο		7200.	2195.	0.273	0.003	0.047	0.165	0.278	0.573
0.0	0.	and the second s	1.000	7371.	2247. "	0.241	0.002	0.041		0.273	0.529
0.0		0.	1.100	7543.	2290.	0.213	0.002		0.144	0.241	0.479
0.0	~~~ é.	ွဲ့	1.200	7714.	2351.	0.190	i i	0.036	0.127	0.213	0.431
0.0		0.	1.400	8057.	2456.	0.153	0.002	0.031	0.112	0.190	0.339
6.0.	. O.	0.	1.600	8400.	2560.	0.125	0.001	0.025	0.090	0.153	0.319
	U.•	0.	1.300	9450.	2880.		0.001	0.020	0.073	0.125	0.264
7.0	C•	0.	2.000	10500.	3200.	0.089.	0.001	0.014	0.052	0.089	0.191
0.0	0.	0.	2.200	11100.		0.065	0.001	0.010	0.038	0.065	
0.0	0.	0.	2.400	11700.	3323.	0.053	0.000	0.008	0.031	0.053	0.141
0.0	^	0.	2.700		3566.	0.044	0.000	0.007	0.025		0.116
0.0	0.	6.		12131.	3698.	0.037	0.000	0.006		0.044	0.096
0.0	···	* ***	3.000	12563.	3829.	0.031	0.000	0.005	0.021	.0.037	0.080
0.0		0.	3.500	13281.	4048.	0.024	0.000		0.018	0.031	0.067
0.0	.०•	0.	4.000	14000.	4267.	0.019		0.004	0.014	0.024	0.052
	o.	n •	5.000 .	14700.	4481.	0.014	0.000	0.003	0.011	0.019	0.041
^.0	0.	o.	5.900	15330.	4673.		0.000	0.002	0.008	0.014	0.030
					· 1015•	0.011	0.000	0.002	0.006	0.011	0.023
								•		V•011	0.040 (
	•										:
CDF	MAXIMU	IM A STATE	IPUT .								
NO. DIS	_			•				•	** •		
		an Sivi kë	[L	• • • • • • • • • •	(	INPUT FIL	ES - TRACE	NIIMA EDS A			• ( 0, *
98 410	0 ~			• •	e			40mmF42 1	*****	• • • • • • • • • • •	TRACER
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101 377		40 -25			19 42 17	12 10 43	14 45 12		8 48 6	49 4	0 19
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103 377	2 408 7		22 40 22	777 47 41 71 21 12	20 42 18 18 18 18 18 18 18 18 18 18 18 18 18	43 16 44	14 45 12	47 10 48	8 49 6		- <b>( )</b>
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	_		44 4U 24	41 22 42	20 43 18	66 16 65	14 47 12	48 10 49			12
			ZZ 41 23	42 21 43	19 44 17	/ E 1 E //	10		0		10.5
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	jou	ESS	O LINE	0714-7	BEGIN A	VELOCITY FUNCT	1045	AT CDF	14 12	CDES TO N	EXT VELOCE	TY
į	TIME TWO-MAY	t.E	INT.VEL. ET/SEC	TWO-WAY TIME	FT/SEC	AVG.VEL. M/SEC	NMO 5412')	492	NMO WITH 2132*	LIMITING 4100°	FACTOR 5412*	8036
	0.100	7000.	7000	0.100	7000.	2134.	0.680	0.022	0.207	0.422	0.567	0.359
	0.407	7500.	7800.	0.200	7200.	2195.	0.578	0.011	0.157	0.372	0.517	0.809
•	0.300	7700.	7800.	0.300	7400.	2256.	0.490	0.007	0.116	0.322	0.467	0.759
	1.200	. 0008	8600.	0.400	7600.	2316.	0.417	0.005	0.089	0.272	0.417	0.709
	1.400	8400.	10800.	0.500	7625.	2324.	0.363	0.004	0.073	0.234	0.368	0.659
	1.800	9400.	12900.	0.600	7650.	2332.	0.328	0.003	0.062	0.205	0.328	0.509
	.2.200	10500.	16000.	0.700	.7675.	2339.	0.294	0.003	0.053	0.181	0.294	0.559
	2.700	12000.	18160.	0.800	7700.	2347.	0.265	0.003	0.047	0.161	0.265	0.515
	4.000	14000.	18154.	0.900	7775.	2370.	0.238	0.002	0.041	0.143	0.238	0.470
	ij.♣ij	.0.	0.	1.000	7850.	2393.	0.215	0.002	0.036	0.143	0.215	0.470
	0.0	10.	0.	1.100	7925.	2416.	0.195	0.002	0.033	0.115	0.2195	0.596
	0.0	0.	0.	1.200 -	8000.	2438.	0.178	0.002	0.029	0.105	0.178	0.376
	0.01	0.	0.	1.400	8400.	2560.	0.141	0.001	0.023	0.083	0.141	
	0.0	Ċ.	n.	1.600	18900.	2713.	0.112	0.001	0.023	0.065		0.296
	0.0	0.	0.	1.800	9400.	2855	0.090	0.001	0.016		0.112	0.237
	0.0	Ō.	0.	2.000	10000.	3048.	0.072			0.052	0.090.	0.193
	0.0	0.	0.	2.200		3231.	0.072		0.011	0.042	0.072	0.155
	0.0	· 0.	õ.	2.400	11160.	3402.	0.049	0.000	0.009	0.034	0.058	0.127
	0.0	0.	o.	2.700	12000.	. 3658.		0.000	0.008	0.028	0.049	0.106
	0.0	15°440 •	0.	3.000	12462.		0.037	0.000	0.006	0.022	0.037	0.082
	0.0	0.	0.	3.500			0.031	0.000	0.005	0.018	0.031	0.069
	0.0	0.	0.	4.000	13231.	4033.	0.024	0.000	. 0.004	0.014	0.024	0.052
	0.0	0.			14000.	4267.	0.019	0.000	0.003	0.011	0.019	0.041
	0.0	0.	o.	5.000	15538.	4736.	0.012	0.000	0.002	0.007	0.012	0.027
	₩ <b>9</b>	17.	0.	5.900	16923.	5158.	0.009	0.000	0.001	0.005	0.009	0.019
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	CDF	1 ·43 × 7 ·	MUM- ) ]	TAIDILE				i.		. /		•
		ST NMA		INPUT REEL	•••••	••••••	INPUT FIL	ES - TRACE	NUMBERS )	• • • • • • •		TR.
		92 20	25 -22	19 2 12			. : *					
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	20 24		520 -22	19 1 18		3 14 5 12	6 10	7 8 8 6				9
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	Jrja	ESSO	LINE.	0714-7	BEGIN	VELOCITY E	UNCTIONS	AT COF	26 18	CDES TO N	EXT, VELOCIT	Y
****	TIME	AVG.VEL. FEE ( INPUT)	T/SEC	TIME	FT/SEC	AVG.VEL. M/SEC	NMO		NMO WITH			
.•	• • • • • • • •	• ( T.A.()))	• • • • • • •	* * * * * * * *	C WASTIFIL	1 ******	5412*)	492 *	2132 *	4100	5412	80364
	0.100	7000.	7000.	0.100	7000.	2134.	0.680	0.022	. 0.207	0.422	0.567	0.859
	0.400	7600.	7800.	0.200	7200.	2195.	0.578	0.011	0.157	0.372	0.517	0.809
	0.800	7700.	7800.	0.300	7400.	2256.	0.490	0.007	0.116	9.322	0.467	0.759
	1.200	3000 <b>.</b>	8600.	0.400	7600.	2316.	0.417	0.005	0.089	0.272	0.417	0.709
	1.470	8400.	10800.	0.500	7625.	2324.	0.368	0.004	0.073	0.234	0.368	0.659
	1.800	9400.	12900.	0.500	7650.	2332.	0.328	0.003	0.062	0.205	0.328	0.609
	2.200	10600.	16000.	0.700	7675.		0.294	0.003	0.053	0.131	0.294	0.559
	2.700	12000.	18160.	0.300	7700.	2347.	0.265	0.003	0.047	0.161	0.265	
	4.000	14000.	18154.	0.900	7775.		0.233	0.002	0.041	0.143	0.238	0.47Ó
	0.0	0.	∵ 0	1.000	7850.	2393.	0.215		0.036	0.128	0.215	0.431
	0.0	· O.	0.	1.100	7925.	2416.	0.195	0.002	0.032	0.116	0.195	0.396
	0.0	0.	. 0.	1.200	8000.	2438.	0.173	0.002	0.029	0.105	0.178	0.355
	0.0	. Đ.	0.	1.400	8400.	2560.	0.141	0.001	0.023	0.093	0.141	0.296
	0.0	0.	ο.	1.600	8900.	2713.	0.112	0.001	0.018	0.065	0.112	0.237
	0.0	Ú.	0.	. 1.800	9400.	2865.	0.090	0.001	0.014	0.052	0.090	0.193
	0.0	, ? <b>.</b>	0.	2.000	10000.	3048.	0.072	0.001	0.011	0.042	0.072	0.155
	0.0	0.	0.	2.200	10500.	3231.	0.058	0.000	0.009	0.034	0.058	0.127
	0.0	n,	ņ.	2.400	11160.	3402.	0.049	0.000	. 0.008	0.028	0.049	0.106
	0.0	6.	o.	2.700	12000.	3658.	0.037	- 0.000	0.000	0.023	0.037	0.082
	0.0	9.	0.	3.000	12462.	3798.	0.031	0.000	0.005	0.018	0.031	0.069
	0.0	0.	0.	3.500	13231.	4033.	0.024	0.000	0.004	0.016	0.034	0.052
	0.0	0.	() •	4.000	14000.	4267.	0.019	0.000	0.004	0.014	0.019	0.041
	0.0	е.	0.	5.000	15539.	4736.		0.000	0.002	0.011	0.012	0.027
	- 0.0	0.	0.	5.900	16923.	5158.	0.009	0.000	0.002	0.007	0.012	
			<b>₹</b>	., • , ( , ,	20 12 3	7 L 2 C 4		0.000	0.001	0.005	0.009.	0.019
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	CDF	MAXIM	im )	INPUT			•					
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	26 419	00 - 420	795 -24	19 1 24	2 22	3 20 4	18 5 16	6 14 8 12	9 10 10	8 11 6	12 4 13	2 13
	27 41	00 420.		19 2 23		4 19 5		7 13 9 11				••
	23 410		706 -24	19 2 24				7 14 9 12				*
	29 - 41		795 -24					8 13 10 11				•
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	31 41		795 -24	10 4 23				9 13 11 11				
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		in the second second	705 -24				10 0 16 1					-

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	ปกิล <b></b>	esso			BEGIN	VELOCITY F	UNCTIONS	AT CDF	44 (	CDFS TO N	EXT VELOCT	ΤΥ
	TWO-WAY	AVG.VEL.	INT. VEL.	YAW-DWT	AVG. VEL	AVC VE+	,		•		- 102001	
,	1 1 7 1-	FEF	T/SEC :	TIME	ET/SEC	MY0.VEL.				Ç		
4		. ( INPUT)		,	1 (/ 3G) 1 Ann ten	M/SEC	NMO		TIM DWN	H LIMITING	FACTOR	
				• • • • •	T APPEIRE	, , , , , , , ,	54121)	4921	2132	4100	5412*	8036 •
	0.100	7000.	7000.	0.100	7000.	2134.	0.400					0035
	0.400	7500.	7667.	0.200	7167.	2184.	0.680	0.022	0.208	0-427	0.573	0.858
	୦.୫୯୯	7750.	. 8000.	0.300	7333.		0.581	0.011	0.158	0.377	0.523	0.803
	1.400	3500.	9500.	0.400	7500.	2235.	0.497	0.007	0.118	0.327	0.473	0.758
	2.400	12000.	16900.	0.500		2286.	0.425	0.005	0.091	0.277	0.423	0.703
	4.000		17000.		7563.	2305.	0.373	0.004	0.074	0.238	0.373	0.658
	0.0	0.	0.	0.500	7525.	2324.		0.003	0.062	0.206	0.329	
	0.0	ő.		0.700	7688.	2343.	0.293	0.003	0.053	.0.180	0.293	0.603
	0.0	ë.	0. 0.	0.800	7750.	2362.	0.262	0.003	0.046	0.159	0.273	0.558
	0.0			0.900	7875.	2400.		0.002	0.040	0.140		0.510
	0.0	0.	0. 0.	1.000	.8000.	2438.	0.207	0.002	0.035	0.124	0.232	0.451
	0.0			1.100	8125.	2477.	0.186	0.002			0.207	0.417
	0.0	0	Ο.	1.200	8250.	2515.	0.168	0.001	0.031	0.110	0.186	0.379
		0.	O.*	1.400	8500.	2591.		0.001	0.028	0.099	0.168	0.346
	0.0	0.	0.	1.600	9200.	2804.	0.105		0.022	0.081	0.138	0.289
	. ç.o	0.	0.	1.800	9900.	3018.	0.081	0.001	0.017	0.061	0.105	0.223
	0.0	0.	n.	2.000	10600.	3231.		0.001	0.013	0.047	0.081	0.175
	0.0	0.	0.	2.200	11300.	3444.	0.064		0.010	0.037	0.064	0.139
	0.0	0.	0.	2.400	12000.	3658.	0.052	0.000	0.008	0.030	0.052	0.112
	0.0	0.	0.	2.700	12375.		0.042	0.000	0.007	0.024	0.042	0.092
	^•0 ;	0. 0.	ñ.	3.000		3772.	0.035	0.000	0.005	0.020		0.077
	0.0	0.	0.	3 500	12750.	3886.	0.030	0.000	0.005	0.017	0.030	0.065
	0.0	0.	0.	2 • 200 4 · 000	13375.	4077.	0.023	0.000	0.004	0.013	0.023	0.051
	0.0	o.		4.000	14000.	4267.	0.019	0.000	0.003	0.011	0.019	0.041
	0.0	0.	0.	5.000	15250.	. 4648	0.013	0.000	0.002	0.007		0.023
		\ \ \ •	₩•	5.900	16375.	4991.	0.009	0.000	0.001	0.005	0.009	
			•				ho.		3.001	0.6000	0.009	0.020
	CDF	( MAXIMI	M ) I	NOUT								
	NO. DIS	T MMD MI	TE STAT R	M2111						i,		• ( Gu!
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									tile (15 ·	:			
JOB	FSSn	LINE.	0714-12	BEGIN V	ELOCITY F	LINCTIONS	A T	CTACK	10 \$10007	T0.465			
TWO-WAY	AVG.VEL.		TWO-WAY			• .	AT	SIAUK	10 010007	INVER I	35 CDFS	TO NEXT	AET DC Ü
d rive		T/SFC	11ME	AVG.VEL. ETZSEC	AVG.VEL.					•	,		•
<b></b>			**	( Vbofillo	MVSEC	NMO		<del></del> ;		1 LIMITING	FACTOR		ii •
				CAPACIEN	)	( 6000*)	,	1000	50001	4000*	.6000*	800a*	
0.100	6000.	6000.	0.100	. 6000.	1829.	0.006	,	0.007					4
0.400	7200.	7600.	0.200	6400.	1951.	0.905 0.759		0.094	0.220	0.435	0.653	0.864	Í
0.790	7600.	8133.	0.300	6800:	2073.	0.632		0.054	0.170	0.385	0.603	0.814	į
1.000	7800.	8267.	0.400	7200.	2195	0.524		0.034	0.120	0.335	0.553	0.764	
1,400	. 890n.,	11200.	0.560	7323	2235.	0.459		0.023	0.087	0.285	0.503	0.714	
1.400	10500.	12980.	0.600	7467.	2276.	0.403		0.018	0.070	0.240	0.453	0.664	
4.303	12500.	15500.	0.700	7600.	2316	0.355		0.015	0.057	0.204	0.403	0.614	
3.000	13200.	15000.	0.260	7667.	2337.	0.319		0.012	0.043	0.176	0.355	0.564	
0.0	0.	0.	0.900	7733.	2357.	0.288		0.011	0.041	0.155	0.319	0.515	•
	, o	0,	1.000	7800.	2377.	0.262		0.009	0.036	0.138	0.239	0.471	
	O O	* * * * * * * * * * * * * * * * * * *	1.100	8050.	2454	0.239		0.008	0.032	0.124	0.242	0.432	
-0	Û.	· 0.	1.200	8200.	2530	0.201		0.007	0.028	0.107	0.229	0.352	•
1.0	0.	*1 •	1.400	8900.	2682.	0.157		0.006 0.005	0.024	0.093	0.201	0.339	
0.0	,O •	() •	1.600	9140.	2785.	0.129		).004	0.019	0.072	0.157	0.269	· · · · · · · · · · · · · · · · · · ·
, , , ,		0.	1.300	0480.	2390	0.108		).003	0.015	0.059	0.129	0.224	<b>i</b>
	ń.	Λ.	2.000	9820.	2993	0.031		0.003 0.003	0.012	0.049	0.108	0.188	i
10.0	:) .	0.	2.200	10160.	3097	0.078		003	.0.010	0.041	0.071	0.150	
) • · · ·		o.	2.400	10500.	3200.	0.047		1.002	0.009	0.035	0.078	0.137	:
1 · C	n.	. 0.	2.700	10875.	3315.	0.056			0.008	0.030	0.067	0.119	
	· 0 •	Ç.	3.nun	11250.	3429.	0.047		.001	0.006	0.025	0.056	0.098	
1	ņ.	0.	3,500	11475.	3620.	0.036		-001	0.005	0.021	0.047	0-083	
10.0	0.	* •	4.000	12500.	3810.	0.029		-001	0.004 0.003	0.016	0.036	0.064	
( )	0.	Λ.	5.000	13200.	4023.	0.021		•001		0.013	0.029	0.051	•
	Λ.	·1.	5.900	1333).	4215.	0.016		•000	0.002 0.002	0.009	0.021	0.037	
						0001	·	• 1217.7	0.092	0.007	0.016	0.028	,
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	··· ( MAXIMI		MPUT .								•		
• 131	ST 1790 M	UTF STAT	· FF	• • • • • • • • • •		UNPUT FI	LES -	TRACE	VUMBERS 1				COLDAIN
1 7 3						· .	. 4			••••••	• • • • • • • • • • •	••• Thi	ce tr <sub>i</sub>
d .	128 12 156 48	60 -1	7 1 12										
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1 - '		50 -1	7 3 10									. (***)	ک ع
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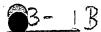
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Jng	3	٤٢٢٢	LINE	•• <u>071</u> A-12	BEGIN	VELOCITY FU	NCTIONS	Λ	T STACK	10 020007	TRACE 12	48 CDF1	•
TUO-5	•		TMT.VEL.	TMO-MAY	AVG.VEL.	AVG.VEL.						10 CM	Visit VII
		IMPLIES	•••••		FIZSEC	MISEC	NMO			NMO WI	TH LIMITING	FACTOR	
		1 - // ()   }	• • • • • • • •	*******	1 APPLIED	,	( 60,001	}	10001	2000*	40001	6000 •	a gra
0.10	6 01	000.	56000.	0.100		1200							
0.40		200.	7500	0.200	6000.	1829.	0.905		0.094	0.220	0.435	0.553	0.864
+ .7(		600.	8133		6400.	1951.	0.759		0.054	0.170	0.385	0.603	0.814
1.00		800.	2267	0.300	5800.	2073.	0.632		0.034	0.120	0.335	0.553	0.764
1.40		800.		0.400	7200.	2195.	0.524	28	0.023	0.087	0.285	0.503	0.714
2.40		500.	1130).	0.500	7333.	2235.	0.459		0.018	0.070	0.240	0.453	0.664
4.00	-		1294).	0.600	7467.	2276.	0.403		0.015	0.057	0.204	0.403	
5•00 5•00		500.	15500.	0.700	7400.	2316.	0.355	•	0.012	0.048	0.176		7.514
	W 1.3	500 • i	16000.	0.800 _	7657.	2337.	0.319		0.011	0.041		0.355	0.564
9.0		C.		0.999	7733.	2357.	0.288		0.009	0.036	0.155	0.319	0.515
0.O		Ú.		1.000	7300.	2377.	0.262		0.008		0.138	0.238	0.471
0.0	• .	. 0 •	O •	1.100	8050.	2454.	0.229			0.032	0.124	0.252	0.432
0.0		. 0.	).	1.200	8300.	2530	0.201		0.007	0.028	0.107	0.229	0.382
-0.0		0.	0.	1.400	83CO.	2632.			0.006	0.924	0.093	105.0	0.339
5.O	•	0.	0.	1.600	2140.	2786.	0.157		0.005	0.018	0.072	0.157	r.249
0.0		Λ.	8	1.800	9490		0.129		0.004	0.015	0.059	0.129	6.324
• • • 0		0.	0.	2.000	9820.	2890.	0.103		0.003	0.012	0.049	0.108	0.189
0.0		, ,	ň.	2.200		2993.	0.091		0.003	0.010	0.041	0.091	0.150
0.0		0.	6	• •	10160.	3097.	.0.078		0.002	0.009	0.035	0.078	0.137
0.0	: *,	0.	n.	2.400	10500.	3200.	0.067		0.002	0.008	0.030	0.067	0.118
0.0		0.	<del>-</del>	2.700	10875.	3315.	0.056		.0.002	0.006	0.025	0.056	0.098
0.0	1		2.	3.000	11250.	3429.	0.047		0.001	0.005	0.021	0.047	0.090 0.083
4.9		. 0.	O.	3.500	11875.	3620.	0.036	×.	0.001	0.004	0.016	0.036	
0.0		0.	0.	4.000	. 12500.	3810.	0.029		0.001	0.003	0.013		0.954
		0.	ე.	5.000	13200.	4023.	0.021		0.001	0.003		0.029	0.051
) • O		n •	o •	5.960	13830.	4215.	0.016		0.000	0.002	0.009	0.021	0.037
							0.000	•	0.000	0.002	0.007	0.016	0.029
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											- 4	,	
CDE	•••••		м )	INPUT									• •
MO.	DIST	anu ai	ITE STAT.	REEL			/ INDUT S	tire	TOACE	NUMBERS: )	•	•	• ( OU
	•		• •				t torry; ;	TERO -	IRACE	MOWBER2 1	• • • • • • • • • • • •	• • • • • • • • • •	*** TRACE
47	3936	428 11	100 -3	7 13 24	14 21 1	5 20 16 17	17 16	10 12	. 20 11		_		
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4			97 - 3	7 16 23	• "	8 19 19 18		21 14	23 12	24 9 2		23 1	
			1.7	7 16 24	17 23 4	B 20 12 14	20 10	21 15	24 10	24 9 2			
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	,				and the second						
Jii	3 FS	iso , lithe,	·• <u>0714-1-2</u>	BECIN I	verocită em	NCT LONS.	AT STACK	[0 040007		48 CDES	TO PEXT VE
Τ [ '';	NAY AVG. VEL = F	FET/SEC	TIME	AVG.VEL. FT/SEC ( APPLIED	AVG.VFL. -M/SEC	NMO ( 6000*)	1000			FACTOR	81 301
			***				1005	£, 9.9 (i	4000	5005	61 JU1
2.1:			0.100	6000.	1829.	0.905	0.094	0.227	0.442	0.611	0.763
0.44			0.200	6267.	1910	0.778	0.056	0.177	0.372	0.561	0.713
r.7			0.300	. 6533.	1991.	0.666	0.037	0.129	0.342	0.511	0.563
1.2			0.460	6800.	2073.	0.569	0.026	0.096	0.292	0.461	0.513
2.46	••	•	0.500	7267.	2215.	0.465	0.019	0.071	0.242	0.411	0.553
4.07			0.500	7733.	2357	0.381	0.014	0.053	0.192	0.361	0.513
5.00		· · · · ·	0.700	8300.	2499.	0.313	0.011	0.041	0.153	0.311	0.463
0.0		, =	0.300	8570.	2621.	0.261	0.008	0.033	0.125	0.251	0.413
0.0			0.900	3000	2743.	0.220	0.007	0.027	0.104	0.220	0.353
r.d	<u>0</u> •		1.000	9400.	2865.	0.186	0.006	0.022	0.087	0.186	0.313
0.0	ີ .	· · · · · · · · · · · · · · · · · · ·	1.100	2800.	2987.	0.159	0.005	0.019	0.073	0.159	0.270
0.0	ე•	•	1.200	1,0500	3109.	0.136	0.004	0.016	0.062	0.136	0.234
6.0	, û.	•	1.400	10500.	3200.	0.112	0.003	0.013	0.051	0.112	0.194
0.0	2.	· •	1.500	10800.	3292.	0.094	0.003	0.011	0.042	0.094	0.163
0.0	0.	. •	1.300	11100.	3393.	0.079	0.002	0.009	0.035	0.079	(.130 i
0.0			2.000	11400.	3475.	.0.068	0.002	0.008	0.031	0.068	0.120 +
0.0	Ū•		2.200	11700.	3566.	0.059	0.002	0.007	0.026	0.059	0.104 +
0.0			2.400	12000.	3658.	0.052	0.001	0.006	0.023	0.052	0.091 *
0.0	. 0.	•	2.700	12187.	3715.	0.045	0.001	0.005	0.020	0.045	0,073
0.0	· · · · · · · · · · · · · · · · · · ·		3.000	12375	3772.	0.039	0.001	0.004	0.017	0.039	(759 [
0.0	0.		3.500	12637.	3867.	0.032	0.001	0.004	0.014	0.032	0.056
0.0	Ü.		4.000	13000.	3962.	0.027	0.001	0.003	0.012	0.027	9.047
0.0	. n.	u.	5.000	13700.	4176.	0.019	0.001	0.002	0.009	0.019	0.034
n.0	. 0.	·) •	5.900°	14330.	4368.	0.015	0.000	0.002	0.007	0.015	0.026
					<i>.</i> •						
									•		. 25
								,			
CUE		[Mills ]			•						.( n
MO.	DIST NMO	MUTE STAT	REFL	• • • • • • • • •	• • • • • • • • • •	.( INPUT F	TLES - TRACE	NUMBERS )	• • • • • • • •		··· TRAC
					•						
95	3036 436	1100 -12	7 37 24		39 20 40 I		42 13 44 11	45 10. 46	7 47 6	48 3 40	7 2 12₺
94.	3608 404	1012 -12	7 38 22		40 18 41 1		43 13 44 12	45 11 46	B 47 7	48 4 49	9 3 👝 13
97		-1100 -12	7 38 23		40 19 41 19		43 14 45.12	46 9 47	8 49 5	49 4 50	0 1 pm 14
98	4254 464	$\frac{1197}{}$ -12.		+ 39 23 7	40 20 ,41 19		43 15 46 10	47 9 48	6 49 5	50 2 51	
00	3936 436	1100 -12	7 39 24		41 20 42 1	7 43 16	44 13 46 11	47 10 48	7 49 6	50 3 51	1 2 🗭 16 🖢
100	3608 400	101/2 -12	7 40 23		42 18 43 1	7 44 14	45 13 46 12	47 11 48	8 49 7	50 4 51	1 3 17 🖁
. 10.1	3036 - 432	1100 -12	7 40 23		42 10 43 1	9 44 15	45 14 47 12	48 9 49	8 50 5	51 4 52	2 1 19 🖺
103	6214 464	-1137 - 12	7 40 27	•	42 20 43 19	9 44 16	45 15 48 10	49 9 50	6 51 5	52 2 51	3 1 17 🗐
103	3934 432	1100 -15	7 41 24	42 21 14	43 20 - 44 11	7 45 16	46 12 48 11	49 10 50	7 51 6	ap 3 r	
										•	·

·12-3

	(♥		•						•		,	
	170	ESSE	LENE		eccin y	FLOCITY FU	NCTIONS	AT STACK	ID 060007	TRACE 12	O CDFS.	TO NEXT VELAN
	$T^{***}() = \mathbb{N} \wedge Y$	AVG. VEL.	INT. VEL.	YAW-GWT	AVG.VEL.	AVG.VEL.	•			•		
	TIME.	£ E E	T/SFC	TIME	FT/SEC	M/SEC	NMD.		611475 . I P. mr.			
		. ( IMPUT)			( Applied		=	10004			FACTOR	·· ,
					y w ruito	,	( 6000*)	1000*	2000*	4000*	6000 <b>1</b>	8000°
	0.100	6000.	6000.	0.100	sono.	1829.	0.005	6.004				
	0.400	7600.	9133.	0.200	6533.	1991.	0.905	0.094	0.212	0.411	0.629	0.4.2
	1.300	9200.	8447.	0.300	7067.	2154.	0.740		0.162	0.361	0.579	0.712
	500	იაეი.	1570).	0.400	7600.	2316.	0.600	0.032	0.112	0.311	0.529	0.742
	2.400	11000.	14000	0.500	7667.	2337.	0.485	0.021	0.079	0.251	0.479	0.692
	4.000	13000.	16000.	0.500	7733.	2357.	0.429	0.017	0.064	0.223	0.429	0.4.2
	5.000	13700.	16500	0.700	7800	2377.	0.331	0.014	0.053	. 0.192	0.381	0.472
	6.0	0.	0.	0.800	7367.	2398.	0.340	0.012	0.045	0.168	0.340	0.542 \$
	6.0	0.	ġ.	0.466	7933.		0.305	0.010	0.039	0.148	0.305	0.434
	$n_{\bullet}h$	0.		1.000	8000	2418.	0.276	0.009	0.035	0.132	0.276	0.452
	0.0	'n.	′) .	1.100	8047	2439.	0.250	0.008	0.031	0.118	0.250	0.414
	0.0	0.	ó.	1.200	A133.	2459.	0.229	0.007	0.023	0.107	0.228	0.21
	a.o	Ć.	)	1.400	9700.	2479.	0.209	0.006	0.025	0.077	0.209	0.372
	0.0	0.	n.	1.600		2652.	0.161	0.005	0.019	0.074	0.161	0.275
	0.0	. 0.	,) .	1.300	9439.	2865.	0.123	0.004	0.014	0.056	0.123	0.212
	0.0	e.	· .	2.000	9368. 13333	2037.	0.101	0.003	0.012	0.046	0.101	0.176
	6.0	0.			10500.	3109.	0.045	0.002	0.010	0.038	0.085	0.148
	0.0	· ·	0	2.200	10600.	3231.	0.072	0.002	0.008	0.032	0.072	0.125
	0.0	0.	· · · · · · · · · · · · · · · · · · ·	2.4(0	11000.	3353.	0.061	0.002	C.007	0.027	0.061	0.103
	0.0	0.	, , , , , , , , , , , , , , , , , , ,	2.700	11375.	3467.	0.051	0.001	0.006	0.023	0.051	0.000
	0.0	0.		3.000	11750.	3581.	0.043	0,001	0.005	0.019	0.043	0.076
	9.0	0.	1.	3.500	1.2375.	3772.	0.033	0.001	0.004	0.015	0.033	0.159
	^ <b>.</b> n	0.		4.000	13000.	3962.	0.027	0.001	0.003	0.012	0.027	0.647
	D. D.	0.	^ • ^ •	5.000	137(0.	4176.	0.019	0.001	0.002	0.009	0.019	0.074
	, • '	₩.		5.300	14330.	4368.	0.015	0.000	0.002	0.007	0.015	0.026
						•			•		J - J - J	0.070
										•		
	005	( MAXIM		· · · · · · · ·							•	
,	via nis			IMPUT .						•		.t nu 1.
	•	er dal e	UTF STAT I	?FFL	••••••	• • • • • • • • • • •	. ( INPUT FI	LES - TRACE	NUMBERS )			TRACE
	147 393	36 404 1	1.00	_								*** INAUE
	144 360		100 -6	7 51 24		3 20 64 1		6 13 68 11	69 10 70	7 71 6	72 3 73	2 12
			01? -6	7 62 22	•	4 18 65 1		7 13 68 12	69 11 70	8 71 7	72 4 73	
		•	100 -6	7 62 23		4,19 65 18		7 14 69 12	70 9 71	8 72 5	73 4 74	
	146 426	•	1376	7, 62, 24	63 23 6	4 .20 .65 .19	9 66 16 6		71 9 72	6 73 5		<b>6</b> 75
	147 793 143 360		100 -6	7 53 24	64 21 6	5 20 66 1	7	8 13 70 11	71 10 72	7 73 6	74 2 75 74 3 75	1 15
		•	012 -6	7 64 22		6 18 67 17		9 13 70 12	71 11 72	8 73 7		· [**:] * · ·
	140 303	• • •	100 -8	7 64 23	65 22 6	5 1.9. 67 Î		9 14 71 12	72 9 73		74 4 75	
	150 426		101 -0	7 64 24		5 20 67 19		9 15 72 10	73 9 74	• ,	75 4 76	
	1.1. 642	6 6 6 T	17.15	7-45-54		7. 20 63 13		7 17 72 11	73 19 74		76 2 77	1 10
				•	•			* * * * * * * * * * * * * * * * * * * *	(3.1)	7.5	$-D_{ij} = \{i,j\}$	· · · · · · · · · · · · · · · · · · ·



		7/A-13	)	•		. :	<b>2</b> 2.	- 1 R
•				•		•		
₹uus••	ESSI	Line.	• 0714-13 BEGIN	VELOCITY FUNC	TIONS	/ / / / / / / / / / / / / / / / / / /	-	. 72 CDES TO NEXT VEL
LIWE TWO-MVA		INT.VEL.	TWO-WAY AVG.VEL, TIME FT/SEC	M/SEC	NWO ( 6000 )	NMO 1000' 2006	WITH LIMITING:	FACTOR
0.100 0.400 0.700 1.400 1.800 2.400 4.000 5.000 0.0 0.0 0.0 0.0	6000. 7400. 8000. 8100. 8500. 10600. 13700. 0.	5000 7867 9300 8200 15000 15600 0 0 0	0.100 6000. 0.200 6467. 0.300 6933. 0.400 7400. 0.500 7600. 0.500 7800. 0.700 8000. 0.300 8014. 0.900 8029. 1.000 8043. 1.100 8057. 1.260 8071. 1.400 8100. 1.600 9300. 1.800 8500.	1829. 1971. 2113. 2256. 2316. 2377. 2438. 2443. 2447. 2451. 2456. 2460. 2469. 2530. 2591.	0.905 0.749 0.616 0.504 0.434 0.376 0.326 0.296 0.270 0.248 0.228 0.212 0.184 0.156 0.133	0.094	0.372 0.322 0.322 0.272 0.226 0.189 0.160 0.143 4.0.129 0.117 8.0.107 5.0.098 2.0.085 8.0.071	0.626
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.	2.000 9200. 2.200 9900. 2.400 10500. 2.700 11550. 3.000 11500. 3.500 12250. 4.000 13700. 5.300 14330.	2804. 3018. 3231. 3368. 3505.	0.104 0.082 0.066 0.054 0.045 0.034 0.027 0.019 0.015	0.004 0.003 0.002 0.002 0.002 0.002 0.002 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.000 0.001 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.	2 0.047 9 0.037 7 0.029 6 0.024 5 0.020 4 0.015 3 0.012 2 0.009	0.133
42 42 43 28 44 34 45 36 47 36 47 36 48 36	264 652 1 436 616 1 608 380 236 616 1 264 652 1 736 616 1 608 380	MITE SINT	5 9 24 10 23 5 10 24 11 21 5 11 22 12 21 5 11 23 12 22 5 11 24 12 23	11 20 12 19 12 20 13 17 13 18 14 13 13 19 14 14 13 20 14 15 14 16 15 13 15 14 16 13 15 15 16 14	13 16 15 16 15 11 16 16 15 12 16 1 16 12 17 17 10 18 17 11 18 16 17 12 18 1 18 12 19	0 17 7 18 6 1 17 8 18 7 9 18 8 19 5 9 19 6 20 5 0 19 7 20 6 1 19 9 20 7 9 20 8 21 5	18 5 19 2 19 3 20 2 19 4 20 3 20 4 21 1 21 2 22 1 21 3 22 2 21 4 22 3 22 4 23 1	TRACE



6 13-2B

10-WAY 11 15	AVG.VCL. FEE ( IMPUT)	TYSEC	TWO-WAY TIME	AVG.VFL. FT/SEC ( APPLIED )	MYSEC	ОКИ ( 10000)	1000*	NMO WIT 2000*	H LIMITING		S IN NEX
100	6000.	50 no .	2 102	· · · · · · · · · · · · · · · · · · ·			2000	2000	4000	omin.	89 <b>00 •</b>
.400	72(0)	7600.	0.100	6200.	1829.	0.305	0.094	0.220	0.435	0.653	0. 64
.7:10	7600	3133.	0.200	. 6400.	1951.	0.759	0.054	0.170	0.395	0.603	0.414
400	8000.	840).	0.300	6800.	2073.	0.632	0.034	0.120	0.335	0.553	0.154
. 270	8500.		0.400	7200.	2195.	0.524	0.023	0.087	0.235	0.503	0.714
400	10500.	10250.	0.500	7333.	2235.	0.459	0.018	0.070	0.240	0.453	0.564
000	13000.	16500.	0.500	7467.	2276.	0.403	0.015	0.057	0.204	0.403	0.614
.000	13700.	16755	0.700	7600.	2316.	0.355	0.012	0.048	0.176	0.355	0.554
.0	13799. A.	16500.	୍ ଦୁ•ଞ୍ଚୁ	7457.	?334.	0.320	0.011	0.042	0.155	0.320	0.514
.0	-	) •	0.900	7714.	2351.	0.290	0.009	0.037	0.139	0.290	0.473
.0	<u>0</u> •	•	1.000	7771.	2369.	0.263	0.008	0.033	0.125	0.263	0.439
ó	0.	n •	1.100	7829.	2386.	0.241	0.007	0.029	0.113	0.241	0.40
0	<u>.</u> .	· .	1.200	7886.	2404.	0.221	0.007	0.027	0.103	0.221	0.37
'n	. 0.	j.	1.400	8000.	2438.	0.188	0.006	0.022	0.087	0.188	0.320
n)	0.	n.	1.600	A250.	2515.	0.153	0.005	0.018	0.072	0.158	0.27
0	0	3 ·	1.300	ଜ୍ୟତ୍ତ 🔹	2591	0.133	0.004	0.015	0.060	0.133	0.23
บ . ก	् <u>।</u> ेु•	•	2.000	9167.	2744.	0.104	0.003	0.012	0.047	0.104	0.18
0 -	<u>.</u> .	٠,	2.200	ध्युर्य.	2997.	0.083 -	0.002	0.000	0.037	0.033	0.14
• • • •	0.	, )•	2.400	10500.	3200.	0.067	0.002	0.008	0.030	0.067	0.11
n .	0.	٠. ر.	2.700	1001.9.	3343.	0.055	0.002	0.006	0.025	0.055	0.097
r) O	. n.	0.	3.000;;	11438.	3486.	0.046	0.001	0.005	0.020	0.046	0.030
0	. 0.	. n.	3.500	12219.	3724.	0.034	0.001	0.004	0.015	0.034	0.061
Ċ.	0.	٠) •	4.000	13000.	3962.	0.027	0.001	0.003	0.012	0.027	0.061
0	0.	₹ <b>)</b> •	5.000	13700.	4176.	0.019	0.001	0.002	0.009	0.019	
0 -	n•	0.,	5.900	14330.	4368.	0.015	0.000	0.002	0.007	0.019	0.034 0.026

ÓDE	(	'1Λ X	IMHM )		INPU	Т											•	-									
Mn.	DIST	AMU	MUTE	STAT	REEL	•••	• • • •	••••	•••		•••••	( IM	PUT	FILES -	- TR	ACE	NUME	BERS	)	•••	• • • •	•••	••••		• • • •		TPACH
	4264			-8	5	30	24	40	23	41 20	 42 19	43.	. 16	44 15	47	10	. 0	0		,	E.O.	_	<i>c</i> ,	_	<i>5</i> 0		
115	3938	428	1000	- ; }	- 5	40	24	41	21	42 20	47 1	1.1.	1.6	45 10	77	19	110	• •	4.7	Ç	20	2	۲ ت	2	52	1	. 12
116	3608	392	925	- 8	5	41	22	42	21	A 2 1 D		7 / 5	10	45 13	47	11	48	10	49	- 7	50	6	51 -	- 3	52	2.	13 i
	3031			-8	5	7.3	22	4.0	2.1	13 10	14 1	4.7	14	46 13	4 /	1.2	48	1.1	49	8	50	7	51	4	52	3	14 ;
	4264				.,	-T L	G 2.	11.7	66	45 14	44 [8	45	15	45 14	48	12	4.0	0	50	а	5.1	5	につ	1.	5.0	1	15
				- B		.4 F	٠٠٠	147	$\sim$	40 (!	44 15	45	1.6	46 15	49	10	50	a	5.1	4	E 2	12	C 2	3	c ,	1 .	
	3035			-1.1	, 5	42	24	43	21	44 20	45 17	46	16	47 13	49	-1.1	50	10	51	7	5.2	4	53	2	57	J 4667	17
	3608			-11	5	43	22	44	21	45 18	46 17	47	14	48 13	4.0	12	50	1 1	<i>-</i> 1	'n	72	7	2.3		- ·	2 ()	17
121	3036	432	1000	-11	5	43	23	44	22	45 10	. 46 10	4.7	10	10 11	-7 7 	1.2	20	1.1	21	8	2%	- 1	53	4	54	3	13
122	4264	4.68	1075	-11	Γ,	/ 2	37		5 C .			+1	10	48 14	50	12	51	9	52	8	53	5	54	4	55	1	19 [
	3026				_,	7.0	64	.4 4	4.5	40 20	46 19	4 /	16	48 15	51	10	52	9	5.3	6	5.4	5	55	2	56	,	20 <b>f</b>
	29 371		-	- [ ]	,	* *	C -+	14.75	7 I	48 20	4/ 1/	79.	. 16	44 13	51	1.1	5.2	1.0	5.3	7	6.4	F.	6.5	,		•	1. 1
•			12.	1. ]	٠,	5 h	3.3	4.	11	7.7 100	19 1		i	. i :	1.			1 1			,	·					

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• "Yuu"	1551		•					•	The same of the sa	3 33	
	. , , ,	1177	7714-13	BESIN_V	FLOCITY FUN	ICTIONS	AT STACK	10 70005	TRACE 12	7. CDEC	STIMENTY:
TIME TIME		1986	1 1 71/2	AVS.VEL.	MISEC	NMO					A TORKE V
0.100		***	• • • • • • • • • • • • • • • • • •	( APPLIED	)	( 6000*)	1000	2000	LIMITING 4000'	6000*	80001
0.400	5800. 6800.	5900. 7133.	0.100	5300. 6133.	1768. 1869.	0.939	0.099	0.231	0.461	0.701	0.932
1.200 1.800	7400. 8600.	7755. 11000.	0.300	6467.	1971.	0.798 0.675	0.058 0.038	0.181 0.131	0.411	0.651	0.362
2.200	10500.	19050	0.400 0.500	6800. 6875	2073. 2096.	0.569	0.026	0.131 0.095	0.361 0.311	0.601 0.551	0.832
4.000 5.000	13500. 14200.	17167.	0.600 0.700	6950	2118.	0.506 0.451	0.021	0.078 0.065	0.267 0.231	0.501	0.732
0.0 0.0	0.	n.` .	0.800	7025. 7100.	2141.	0.404 0.364	0.014	0.055	0.202	0.451 0.404	0.632 0.632
0.0	0.	ე. - ე.	0.900 1.000	7175. 7250.	2137.	0.329	0.012 0.011	0.048 0.042	0.178 0.159	0.354 0.329	0.582
0.0 0.0	0.	·) •	1.100	7325.	2210. 2233.	0.298 0.271	0.009 0.008	0.037	0.142	0.298	0.533 0.489
0.0	n .	). :).	1.200 1.400	7400. 7300.	2256. 2377.	0.248 0.197	0.008	.0.033 0.030	0.128 0.116	0.271 0.248	0.450 0.415
0.0	() • () •	0. 0.	1.600 1.300	8200. 8400.	2499.	0.159	0.006 0.005	0.023 0.018	0.091 0.073	0.197 0.159	0.335
0.0	n. n.	).	2.000	9550.	2621. -2911.	0.130 0.096	0.004 0.903	0.015 0.011	0.059	0.130	0.274 0.226
0.0	0.	1).	2.200 2.400	10330.	3200. 3302.	0.073 0.063	0.002	0.008	0.043 0.033	0.096 0.073	0.169 0.128
$\psi_{\bullet}\phi$	n.	). ).	2.700 3.000	11333. 11323.	3454.	0.051	0.002 0.001	0.007 0.006	0.028 0.023	0.063 0.051	0.111
0.0 0.0	0. 9.	(1) • (1) · (1	. 3.500	12667.	3607. 3861.	0.043 0.032	0.001 0.001	0.005 0.004	0.013	0.043	0.071 0.075
0.0 0.0	0.	<b>?.</b>	4.909 5.000	13500. 14200.	4115. 4328.	0.025 0.018	0.001	0.003	0.014 0.011	0.032 0.025	0.057 0.044
: 1 • 9 	('•	9.	5.300	14930.	4520.	0.014	0.000 0.000	0.002 0.002	0.008 0.004	0.018 0.014	0.032
						,	•	9			0.025
on=	ST NMO MUT		NDUT EFL	• • • • • • • •	•••••••	INPUT FILES	S - TRACE :	VIIMBEDS 1			. ( OU "
•	64 492 107	•	5 63 20	64 19 65					•••••••	• • • • • • • • •	• TRACE
154 36	76 452 100: 08 412 925	• .	5 63 21	64 20 55 64 21 65	17 66 16	67 13 69 1	11 70 9	72 5 73 71 7 72	-	74 2	12
165 - 39	36   452   1006 64   492   1079	) –1	5 63 23	64 22 65	19 66 13	67 14 68 1 67 15 68 1	14 70 11	70 10 71	8 72 7 8 73 5	73 4 74	13 : 3 14 ;
167 30					20 66 19	67 16 68 1		_	9 73 6	74 4 75 74 5 75	1 2 15 1
1/0 2/		) –1	5 64 24	65 21 66	20 67 17	68 16 60 1	12 71 11	70			

5 64 24 65 21 66 20 67 17 68 16 69 13 71 11 72 10 73 7 74 6 75 3 76 2

5 55 22 66 21 67 18 68 17 69 14 71 12 72 11 73 8 74 7 75 4 76 3

5 66 24 67 21 An DO 60 17 20 16 71 11 15 1.

5 65 23 66 22 67 19 68 18 69 15 70 13 72 12 73 9 74 8 75 5 76 4 5 65 24 36 23 67 20 68 19 69 16 70 14 73 10 74 9 75 6 76 5 77 1

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Jon.	E 5 51	i littif	0714-14	BESTA A	ELOCITY F	UNCTIONS	AT STACK TO	10004	TRACE 1	35 CDFS	TX3. OT 8	VEL
TROHMAY	AVG. VEL.	INT.VEL.	TWO-WAY	AVG.VEL.	AVG.VEL.							
TIME		ET/SEC	TIME	FT/SFC	MISEC	MMO		NIMO DITT	TH LIMITING	<b>6</b>		
			(			( 6000°)	1000	2000	4000	6000*	85101	
	, , , ,		•••••	Min Charle	,	( 00).00	1000	Z (3)), J.	4000	5(1)01	5 1 1 3 4	
0.100	6000.	5000.	0.100	6000.	1829.	0.905	0.094	0.232	0.483	0.700	0.448	
0.800	7000.	7143.	0.200	6143.	1872.	0.797	0.058 /	0.182	0.438	0.650	0.798	
1.100	8500.	12500.	0.300	6286.	1916.	0.701	0.040	0.137	0.388	0.600	0.748	
1.600	. 10000	13300.	0.400	6429.	1959.	0.615	0.029	0.107	0.338	0.550	<b>⊕</b> 0.98	
2.000	12000.	20000.	0.500	6571.	2003.	0.541	0.023	0.085	0.238	0.500	0.148	
2.400	13000.	19000.	0.600	6714.	2047.	0.476	0.018	0.070	0.246	0.450	0. 98	
4.000 ·	14500.	16750.	0.700	6857.	2090.	0.421	0.015	0.058	0.211	0.400	0.48	
~.00n	15200.	18000.	0.300	7000.	2134.	0.372	0.013	0.049	0.183	0.350	0.493	
0.0	0. •	n.	0.900	7500.	2286.	0.304	0.010	0.039	0.146	0.300	0.48	
C.0	0.	0.	1.000	8000.	2438.	0.250	0.008	0.031	0.119	0.250	0.199	
0.0	. 0.	Ö.	1.100	8500.	2591.	0.207	0.006	0.025	0.096	0.207	0.48	
.c. • j	0.	0.	1.200	3300.	2692.	0.180	0.005	0.021	0.083	0.180	0.305	
	0.	0.	1.400	9400.	2865.	0.139	0.004	0.016	0.063	0.139	0.138	
0.9	0.	ð.	1.600	10000.	3048.	0.109	0003	0.012	0.049	0.109	C. 39	
0.0	Ó.	o.	1.300	11000.	3353.	0.021	0.002	0.009	0.036	0.081	0. 41	
0.0	0.	n.	2.000	12000.	3658.	0.052	0.002	0.007	0.028	0.062	0.08	
0.0	0.	c •	2:200	12500.	3810.	0.053	0.001	0.006	0.023	0.052	0. 91	
0.0	0.		2.400	13000.	3962.	0.044	0.001	0.005	0.020	0.044	0.:78	
0.0	0.	0.	2.700	13281.	4048.	0.038	0.001	0.004	0.017	0.038	C. 55	
0.0	0.	n.	3.000	13563.	4134.	0.032	0.001	0.004	0.014	0.032	0.)57	
0.0	9.	9.	3.500	14021.	4277.		0.001	0.003	0.012	.0.026	0.146	
0.0	0.	á. ·	4.000	14500.	4420	0.021	0.001	0.002	0.012	0.021	0.138	
0.0	. 0.	0.	5.000	15200.	4633.	0.016	0.000	0.002	0.007	0.016	0.128	
0.0	o.	ń.	5.900	15330.	4825	0.012	0.000	0.002	0.007	0.012	0.)22	
	. , , -	•		12770	TO22	7. O.L.Z		0.001	0.000	0.012	₩ • 7 <b>22</b>	
CDF 🔒	( MAXIA	чум )	INPUT								. (	
.ig.• 01	ist Mwd ,	WITE STAT	REFL			( INPUT FI	LES - TRACE NU	MBERS ).			TRAC	CI.
				•							,	
	540 184	475 -1	4 1 .8				,				,	
-	949 228	550 -1	4 1 9	2 R							•	
	296 272	625 -1	4 1 10	2 9	3 . 6		•		•			
	624 312	700 -1	4 1 11	2 10	3 7 4	6	· · ·		•		. attorn	
	952 356	775 -1	4 1 12	2 11	3 8 4	7 5 4						
	396	950 -1	4 2 12	3 9	4 8 5	5 6 4				•		
	508 440	725 -1	4 3 10	4 0	5 6 6	5- 7 2					9	
		1000 -1	4 1 13	- 3 11	4 10 5	7 6 6	7 3 8 2		,		<u> </u>	i
100	440	3.2%	4 1 14	7.12	1 12 4	11 5 - 5	G = T + T + T + T = T	1 3		•		,

ESSO LIME. 0714-14 DEGITE VELOCITY FUNCTIONS AT STACK ID 020004 TRALE/12 49 CDES TO ME. VELOCITY

		•									
Line IN IVA		FT/SEC	TWM-WAY TIME	AVG.VEL. FT/SEC	AVG.VEL. M/SEC.	NMO		NMO WIT	H LIMITING F	ACTOR	
	. ( INPUT	)	• • • • • • •	( Applited	1	( 6000*)	1000	2000*	4000*	6000*	80001
•100	6000.	6000.	0.100	. 0000	1829.	0.905	0.094	0.232	0.488	0.700	0.840
0.890	70 ng 🔹	7143.	0.260	6143.	1872.	0.797	0.058	0.182	0.438	0.650	0.703
1.100	_ <u>8</u> 5.00 •	12500.	0:300	6286.	1916.	0.701	0.040	0.137	0.388	0.600	0.743
1.4.0	10000.	13300.	0.400	6429.	1959.	0.615	0.029	0.107	0.338	0.550	0.693
3.000	12000.	<b>?</b> 0000.	0.500	6571.	2003.	.0.541	0.023	0.085	0.288	0.500	0.649
2.400	13000.	18000.	0.500	6714.	2047.	0.476	0.018	0.070	0.246	0.450	0.598
4.000	14500.	16750.	0.700	6857.	2090.	0.421	0.015	0.058	0.211	0.400	0.549
5.000	15200.	12000.	( • 30 )	7000.	2134.	0.372	0.013	0.049	0.183	0.350	0.498
ე•ი .	ņ.	^ • ·	0.000	7500.	2236.	0304	0.010	0.039	0.146	0.300	0.448
.0	r) •	0.	1.000	<u> </u>	2438.	0.250	0.008	0.031	0.118	0.250	0.393
0.0	. 0.	٠.	1.100	850D.	2591.	0.207	0.006	0.025	0.096	0.207	0.348
C.11	() .	• ·	1.200	8300.	2682.	0.180	0.005	0.021	0.083	0.130	0.305
50 <b>,</b> 65	i) •	O .	1.400	9400.	2865.	0.139	0.004	0.016	0.063	0.139	0.230
•	0.	n 🔭	1.600	10000.	3049.	0.109	0.003	0.012	0.049	0.109	0.190
• • ′	. •		1.300	11000.	3353.	0.031	0.002	0.009	0.036	0.081	0.141
		$c_{\bullet}$	2.000	12000.	3658.	0.062	0.002	0.007	0.028	0.062	0.103
•	·.) •	n.	2.200	12500.	3910.	0.052	0.001	0.006	0.023.	0.052	0.071
•	0.	') •	2.400	13000.	3962.	0.044	0.001	0.005	0.020	0.044	0.075
• 1	O.	. ·	2.700	13281.	3048.	0.039	0.001	0.004	0.017	0.038	0.066
• '	:) •	ή.	3.000	13563.	4134.	0.032	0.001	0.004	0.014	0.032	0.057
/ <b>.</b> ?	:) •	· ?•	3.500	14031.	1277.	0.026	0.001	0.003	0.012	0.026	0.044
71.0	C.		4.000	14500.	4420.	0.021	0.001	0.00?	0.010	0.021	0.038
	0.	n.	5.000	15200.	4633.	0.016	0.000	0.002	0.007	0.016	0.02
C.O.	'n•	n.	5.900	16930.	4825.	0.012	0.000	0.001	0.005	0.012	0.022

(OF)	DIST	( MA) ( DM()	(IMUTE) MUTE	STAI	190HT	• • • • • •	••••••	(	INPUT	FILES -	TRACE	NUMBERS	 . )	• • • •	• • • •	•••	• • • •	•••	••••	••	.C OUTPU:
47	3034	4 80	1000	-1	4 10 24	11 21	12 20	13 17	14 16	15 13	17 11	10 10.	10	7	20	4	21	. 2	22	2	1.2
3	3478			<del>-,</del> 1	4 11 22					16 13							21	•	22	3	13
<b>3</b>	3036			-1	4 11 23					16 14						5	22	4	23	1	14
	4244			- <u>ï</u>	4 11 24	12 23	13 20	14 19	15 15	16 15	19 10	20 9	21	6	22	5	23	2	24	Ī.	15
			1000	- 1	. 4 12 24		14 20	15 17	15 16	17 13	19 11	20 10	21	7	22	6	23	3	24	2	16
			.725	- ]	4 13 22					18 13											O 17
. 3	3036		1000	- )	4 13 23	14 22	15 19	16 18	17 15	18 14	20 12	21 9	2.2	8	23	5	24	4	25	1	<del>▶</del> 18
1	4264		1075	-1	4 13 24	14 23	15 20	16 19	17 16	18 15	21 10	22 9	23	6	24	5	25	2	26	1	10
į.	3036		1000	- 1	4 - 14 - 24	15 21	16 20	17 17		19 13										2	<b>€</b> ≥0
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	3038	4.72	1000	1	4 15 23	16 22				1 2() 14						5	25	4	27	}	22

		•				•					•
JOR.	ESSO	1.115.	0714-14	BEGIN	VELOCITY FUNCT	IONS	AT STACK	ID 40004	TRACE 12	48 CBF (	Victoria Victoria
TMO-MAY	AVG.VEL.	INT.VEL.	TWO-WAY	AVG. VEL.	AVG.VEL.			_			
TIME	FEF	T/SEC	TIME	ET/SEC	M/SEC	NMO ·					
• • • • • • •	. ( IMPUT)	•••••	(		the state of the s	6000*)	1000		+ LIMITING		
			,	24: 1 6 11 9	,	SURUTI	1000	2000*	40001	6000*	80. g.
0.100	6000 J	6096.	0.100	6000.	1829.	0.005	2 224		i -		1
0.600	7200.	7440.	0.200	6240.	1902.	0.905	0.094	0.228	0.462	0.677	0.104
1.100	75.00.	7855.	0.300	6480.	1975.	0.782	0.056	0.178	0.412	0.627	0.354
1.400	31.00.	10300.	0.400	6720.		0.673	0.037	0.130	0.362	0577	0.204
3.ju0	10000.	14433.	0.500	6960.		0.578	0.027	0.099	0.312	0.527	0.754
. 4.000		16000	0.600		2121.	0.497	0.020	0.077	0.262	0.477	0.104
5.000	13700.	16500.	0.700	7200	2195.	0.427	0.016	0.061	0.218	0.427	0.54
r.o	0.	0.		7260.	. 2213.	0.383	0.013	0.052	0.191	0.383	6.404
0.0	0.	0.	0.800	7320.	2231.	0.345	0.012	0.045	0.169	0.345	0.354
0.0		0.	0.200	7380.	2249.	0.313	0.010	0.040	0.151	0.313	0.309
n.n.	0.		1.000	7440.	2268.	0.285	0.009	0.036	0.135	0.285	0.468
0.0	0.	ું•	1.100	7500.	2286.	0.260	0.008	0.032	0.122	0.260	0.+32:
9.0		<u>0</u> .	1.200	7700.	2347.	0.231	0.007	0.028	0.108	0.231	0.187
( • ()	0.	0.	1.400	8100.	2469.	0.184	0.005	0.022	0.085	0.184	0.113
0.0	0.	0.	1.500	3733.	2662	0.141	0.004	0.016	0.064	0.141	0.244
C.0	n.	•	1.300	9367.	2855.	9.111	0.003	0.013	0.050	0.111	0.192
	0 •	<i>'</i> 1.	2.000	10000.	3048.	0.088	0.002	0.010	0.040	0.088	C. 154
( • O	0	<i>•</i> • • • • • • • • • • • • • • • • • •	2.300	. 10300.	3139.	0.076	0.002	0.009	0.034	0.076	
0.0	<b>9</b> •	•) •	2.400	.10400.	3231.	0.066	0.002	0.007	0.029		0.133
9.0	. · . 0 •	?.	2.700	11050.	3368.	0.054	0.002	0.006	0.024	0.066	0.116
0.0	. 0.	1.	3.000	11500.	3505.	0.045	0.001	0.005		0.054	0.495
0.0	· · · · · · · · ·	ာ •	3.500	12250.	3734.	0.034	0.001		0.020	0.045	0.180
0.0 j	0.	n.	4.000	13000.	3962.	0.027		0.004	0.015	0.034	0.350
6.0	· •	i) .	5.000	13700.	4176.	0.019	0.001	0.003	0.012	0.027	0. 47
u•ù	٠.	<b>n</b> .	5.900	14330.	4368		0.001	0.002	0.009	0.019	0.34
				2 1 2 2 0 0	7,004	0.015	0.000	0.002	0.007	0.015	0.726
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COF	( MAXIMI	14 )	NPHT								Ì
. MA. DIS		ITE STAT P			the second second						• ( OU);
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4 m m	• • • • • • •	• • • • • • • • • • • • • • • • • • •	INDUT FILE	S - TRACE N	UMBERS 1	• • • • • • • • • •	• • • • • • • • • •	TPACE .
91, 39	36 452 10	000 -4.	4 34 24	25 21	2					•	
.92 360		925 -4		35 21		38 16 39	13 41 11	42 10 43	7 - 44 - 6	45 3 46°	2 12
93 393		100 =4		36 21	<del>-</del>	39 14 40	13 41 12	42 11 43	8 44 7	45 4 46	3 13 ,
			4 35 23	36 22	37 19 38 18	39 15 40	14 42 12	43 9. 44	0 / 5 5	46 4 47	1 14
05 30		175 -4	4 35 24	36 23	27 70 38 19	39 16 40	15 43 10	44 9 45	6 47 2	48 1	0 15
96 369		100 -4 .	· 4 20 24	21 /1	18 ZU 39 L7 4	+0 16 41	13 43 11			47 3 48	
27 395		7256	1.4 31 22	38 21	39 18 40 17 4	41 14 42	13 43 12	44 11 45	8 46 7		<u> </u>
.,		00 -4	4 37 23	38 22	39 19 40 18 4	41 15 . 42	14 44 12	45 9 46		49 1	<b>⊢</b>
		7° -4	4 37 24	38 23 3	39 20 -40 19 4	1 16 42	15 45 10	48 5 49		· / L	10 ×
		(1) m/4	4 38 24	30 51 7	40 20 (41 17 7	12 14 43	13 65 11	10 6 10			
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	J08	, , , , , , , , , , , , , , , , , , ,	, Flag.	• 0714-14	359(1)	VELOCITY FU	NCT LONS	AT'STACK ID	60004	TRACT 12	). I/	
	TIME TIME	AVG. VEL.		TWO-WAY	AVG.VEL.	AVG.VEL.	•				46	
	• • • • • • • • •		T/SFC	TIME	FT/SEC	M/SEC	NMO		NMO III			
		· · · · · · · · · · · · · · · · · · ·	• • • • • • •	•••••• (	<b>VUOLIED</b>	1	( 60001)	1000	- N™U WITH - 2000*	4000*	FACTOR	
	0.100	6000.	6000.	0.100	ina				2000	4000	6000•	10.1
	0.400	6600.	4300°	0.200	6200.	1829.	0.905	0.094	0.230	0.476	0.724	
	1.000	7000.	7267.	0.300	6460.	1890	0.788	0.057	0.190 .	0.425	0.674	7.957
	1.400	8000.	10500.	0.400	6500	1951.	0.684	0.038	0.133	0.376	0.624	5.506
	1.690	P400.	12800.	0.500	6667.	2012. 2032.	0.593	0.028	0.102	0.326	0.574	1.356 1.806
	2.000 2.600	11000.	20500.	0.660	6733.	2052	0.530	9.022	0.083	0.281	0.524	.756
	4.000	12500.	17500.	0.700	6800.	?073.	0.474	0.018	0.069	0.244	0.474	9.706
	5.000	14000.	16736.	0.800	6867.	2093.	0.426 0.385	0.015	0.059	0.214	0.426	0.456
	0.0	, 14700.	17500.	0.300	6933.	2113.	0.349	0.013	0.051	9.190	0.385	3.696
	0.0	0.	<b>9.</b>	1.000	70co.	2134.	0.317	0.011	0.045	0.169	0.349	2.556
	0.0	· •	<b>?.</b>	1.100	7250.	2210.	0.277	0.010	0.040	0.152	0.317	0.506
	0.0	0.	ý•	1.200	7500.	2286.	. 0.242	0.009 0.007	0.034	0.131	0.277	0.456
	0.0	0.		1.400	8000.	2439.	0.188		0.029	0.113	. 0.242	0.406
•	0.0	0.	`n .	1.600	8600.	.2621.	0.145	0.004	0.022	0.087	0.188	0.320
	0.0	0.	ე. ი.	1.300	9800.	2987.	0.101	the second secon	0.017	0.066	0.145	(.251
	0.0	· .	0.	2.000	11000.	3353.	0.073		0.012 0.008	0.046	0.101	0.176
	0.0	0.	).	2.200	11500.	3505.	0.061		0.007	0.033	0.073	0.123
	0.0	. 0.	0.	2.400 2.700. %	12000.	. 3658.	0.052		0.006	0.027	0.061	0.107
	0.0	0.	<b>າ.</b>	3.000	12607.	3843	0.042		0.005	0.023	0.052	0.031
	0.0	. 0.	0.		12929.	3941.	0.036		0.004	0.019 0.016	0.042	2.074
	^•0 .	. 0.	0.	4.000	13464.	4104	0.023		0.003	0.018	0:035	0.063
	0.0	0.	Ö.		14000.	4267.	0.023		0.003	0.010	0.028	0.050
	0.0	0.	0.	5.900	15330.	.4481.	0.017		0.002	0.010	0.023	0.041
					1.000	4673.	0.013		0.001	0.006	0.017 0.013	0.030
						* *	•	•		0.000	0.013	0.023
	COF						•					
		· ( MAXIMU		MPUT								
		FRAMU NO	TE STAT - R	EEL	• • • • • • • •	,. • • • • • • • • • • • • • • • • • • •	T THOUT THE	****	•	•		.1 001
	139 3936						I INPUT FILES	- TRACE NUMI	BERS )	• • • • • • • •	• • • • • • • • • •	TPACE
	- 140 - 350s	1.00	` ` `	4 58 24	59 21 . 60	20 61 17	62 16 63 13	<b>(5.11</b>				·
	141 3937		25 -4	4 59 22	50 21 61	19 62 17	63 14 64 13	"		7 68 6	69 3 70	2 12
•		) 464 [0( ) "503 [0"			60 22 61	19 .62./18	63 15 64 14			8 68 7	69 4. 70	3 . 13 .
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- Jna	ESSP	Line.	1710-19	8501%	VEROCITA ENV	ICTIONS -	AT STACK I	0 80004	TPACELIZ	1, 20F1,	T' '11' ;:
TMO-MAY	1VG.VFL.	PMT.MEL.	TAG-NAY		AVG.VEL.						
тIнC		T/SEC	TIME	FTZSEC	MISEC	Mau		- NMO WIT	H LIMITIMS	EACTOR	
* * * * * * * * *	. ( INPUT)		• • • • • •	( VBBFIED	)	( 6000*)	1000	2000'	40001	60001	er şili
0.100	50.00.	6000.	0.100	. 0000	1829.	0.905	0.094	0.224	0.448	0.677	0. :34
· Z(1)	70.00.	7337.	0.200	6333.	1930.	0.768	0.055	0.174	0.398	0.627	0.734
7.700	7300.	770).	0.360	6667.	2032.	0.649	0.035	0.124	0.348	0.577	4.2744
0.900	7400.	7750.	'n.4rn	7000.	2134.	0.545	0.025	0.092	0.298	0.527	5.6
. 1.600	9600.	12420.	0.500	. 7100.	2154.	0.482	0.019	0.074	0.253	0.477	
2.000	-11000.	15600.	0.500	7200.	2195.	0.427	0.016	0.061	0.218	0.427	3.
2.400	12500.	20000	0.760	7300.	2225.	0.380	0.013	0.052	0.183	0.380	0.084
3.000	13400.	19000	0.300	7350.	2240.	0.343	0.011	0.045	0.168	0.343	0.094
¢ • ûu0	14500.	17200.	0.900	7400.	. 2256.	0.311	0.010	0.040	0.150	0.311	024
5.000	15200.	18000.	1.000	7714.	2351.	0.267	0.008	0.033	0.126	0.267	0.734
°•0 .	Λ.	ě.	1.100	8022.	2447.	0.230	0.007	0.028	0.108	0.230	0.384
. ^•0	· 0.	o.,	1.200	8343.	2543.	0.199	0.005	0.024	0.092	0.199	0.336
( •0	n.	0.	1.400	8971.	2734.	0.152	0.004	0.018	0.069	0.152	0.260
7.0	0.	7. ·	1.500	9600.	2926.	0.118	0.003	0.014	0.053	0.113	0.204
~ ^• <u>0</u>	0.	$\alpha_{\bullet}$	1.300	10500	3139.	0.092	0.003	0.010	0.041	0.092	0.160
r.0	, O.	O.	2.000	11000.	3353.	0.073	0.002	0.008	0.033	0.073	0.128
0.0	, O.	ે ે	2.200	11750.	3581.	0.058	0.002	0.007	0.026	0.058	0.103
`∩ •0	0.	n.	2.400	12500.	3810.	0.048	0.001	0.005	0.021	0.048	0.084
0.0	0.	η.	2.700	13050.	3978.		0.001	0.004	0.017	0.039	0.369
u.O ,	0.	n.	3.000	13600.	4145.	0.032	0.001	0.004	0.014	0.037	0.157
0.0	0.		3.500		4282	0.026	0.001	0.004	0.012	0.026	0.746
0.0	0.	0.	4.000	14500.	4420.	0.020	0.001	0.002	0.010	0.021	0.038
0.0	0.	0.	5.000	15200.	4633	0.016	0.000	0.002	0.007	0.016	9.028
0.0	0.	0.	5.900	15930.	4825	0.012	0.000	0.001	0.005	0.012	0.722
			* • * * * * * * * * * * * * * * * * * *	. 17130	<b>7947</b> €	. 0.012.	0.000	0.001	0.009	0.012	0.122
•						;	•				
CDE	( MAKIM	IIM 1	INPUT		•						
an. nis				•••••	• • • • • • • • • •	( INPUT FILE	ES - TRACE N	UMBERS ).	• • • • • • • • • •		.( O! TRACE
137 391	36 440 1	000 -5	4 82 24	02 21	97 30 GE 13	2 04 14 37	12 00 11	00.10.	7 00	00 10	
188 360	_	025 -5	4 93 22		84 20   85 17				7 92 6	93 3 94	
189 303		000 -5			95 18 86 17			90 11 91		93 4 94	
100 420		075 -5	4 83 23 4 33 24		85 19 .86 ·18			91 9 92		74 4 95	
101 30	**	000 -5			85 20 86 19			92 9 93		95 2 96	
• •	10 440 I		4 34 24		86 20 87 17		13 91 11	92 10 93	7 94 6	95 3 96	20 16

4 85 22 86 21 87 18 88 17 89 14 90 13 91 12 92 11 93 8

4 85 24 86 23 87 20 88 19 89 16 90 15 93 10 94 9 95 6 96 5

4 36 24 57 31 33 20 80 17 00.16 01 13 03 11 04 10 25 7 96

4 35 23, 36 22 87 19 88 18 89 15 90 14 92 12 93 9 94

102 3608 400

193 3936 440 1000

194 4264 476 1075

195 1937 449 1 200

925

**-**5

	7.5.C.		0714		VELOCITY FU					T0405 10		
The JAY	FF!	IMT.VEL. FT/SEC	TWO-WAY	AVG.VFL. FI/SEC	AVG.VEL.	NMU ( 6000°)		1000!		H LIMITING	· .	5 TO NEXT
1.100	<u> ፋበ</u> ስብ •	50 ao .	0.100	6000.	1829.	ა 0∙905	•	0.094	. U 333	0. 7.00	0.700	. 0 0/0
0.00	7000.	7143.	0.500	6.000 • 6.143 •	1872.	0.905		0.058	0.232 0.182	0.488 0.438	0.700 0.650	0.849
1.100	8500.	12500.	0.300	6224	1915.	9.701		0.040	0.137	0.388	0.600	0.148
1 600	10000	13300.	0.400	6429.	1959	0.615		0.049	0.107	0.338	0.550	0.140
9	12000.	20000	0.500	6571.	2003.	0.541		0.023	0.085	0.288	0.500	0.648
2,400	13000.	18000.	0.600	6.714	2047.	0.476		0.018	.0.070	0.246	0.450	0.598
4.000	14500.	16750.	0.700	6357	2090.	0.421		0.015	0.058	0.211	0.400	0.548
i noc		12000.	0.800	7000	2134.	0.372	•	0.013	0.049	0.183	0.350	0.493
7		2.	ი.იცი	7500.	2286.	0.304		0.010	0.039	0.146	0.300	0.448
: .0	4.	ó.	1.000	2000.	2438.	0.250	• ••.	0.008	0.031	0.118	0.250	0.398
0.0	o.	4	1.100	P500.	2531.	0.207		0.006	0.025	0.096	0.207	0.348
1.9	(i "	0.	1.300	8300.	2582.	0.180	** *	0.005	0.021	0.083	0.180	0.305
* • * }	ñ.	0.	1.400	9400.	2865.	0.139		0.004	0.016	0.063	0.139	0.233
7.0	O.	Ŷ.	1.50-1	10000.	-3049.	0.109		0.003	0.012	0.049	0.109	0.139
* *		· .	1.800	11000.	3353.	0.081		0.002	0.009	0.036	0.081	0.141
1.0	et •	0.	2.000	12000.	3658.	0.062	•	0.002	0.007	0.028	0.062	0.103
€*•	0.	0.	2.200	12500.	3910.	0.052		0.001	. 0.006	0.023	0.05.2	. 0.091
	0.	0.	2.400	13000.	3962.	0.044		0.001	0.005	0.020	0.044	0.078
	ō.	j.	2.700	13281.	4048.			0.001	0.004	0.017	0.038	0.066
٠.٥	0.	0.	3.000	13543.	4134.	0.032		0.001	0.004	0.014	0.032	0:057
1.3	n.	0.	3.500	14031.	4277.	0.026		0.001	0.003	0.012	0.026	0.046
r)	$\epsilon$ .	9.	4.000	14500.	4420.	0.021		0.001	0.002	0.010	0.021	0.038
4.5	0.	0.	5.000	15205.	4633.	0.016		0.000	0.002	0.007	0.016	0.028
6.7	, n.	ő.	s . ទំព័ត	15930.	4925.	0.012		0.000	0.001	0.005	0.012	0.022
								•				
•						,			•			
	51 11111	MITTER STATE	14901 - 14901			/ TNDUT /	- T C	T0465 N	UMDEDC )	•		; '
• 1	3 1 1		· 可用でも、・・・・・	• • • • • • • • •	• • • • • • • • • •	( INPUT I	F1663	- IRACE IN	UMBER2 1.	• • • • • • • • • •	• • • • • • • • • •	, • • •
40	13 No. 13 HO	1777 -1	4 10 2	4 11 21	12 20 13 1	17 14 16	15 13	3 17 11 .	13 10 19	7 20 6	21 3 22	2
11. 21	39 1.3A	025 -1	4 11 2	-	13 19 14 1		16 13		18 11 19			
4.5	Σ7 Z ζ.Δ.,	1100 -1	4 11 2		13 10 14 1			18 12				
	7.6 517				13 26 14 1					6 22 5	23 2	
	111 611		4 12 2	4 13 21	14 20 15 1	17 16 16	17 13	3 19 11	20 10 21	7 22 6	23 3	المعدموا
	grand Land				15 19 16 1					8 22 7	73 4	طعما
	e legal of the				15 10 . 16						.,	
	4.4				15 00 15						• •	**·
	1		1.4		1 17	17 19 16	19 15	3 21 11	22 10 23	, ,		
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.10 .10		T/SEC	TWO-WAY	AVG.VFL. FT/SFC	AVG.VEL.	NMO	*****	NMO WIT	H LIMITING	FACTOR	
•••••	. ( IMPUT)	• • • • • • •	• • • • • •	( VbbTlED	1	<sup>6</sup> ( 6000*)	1000'	2000*	40001	6000 4	8000
.100	, 6000.	6010 <b>.</b>	0.400	6000.	1320.	0.905	0.094	0.228	0.462	0.677	0.90
· 4 ) //	7200.	7440.	0.200	6240.	1902.	0.782	.0.056	0.178	0.412	0.627	0.85
· 1 m	75 pr.	7850.	0.300	6430·	1975.	0.673	0.037	0.130	0.362	0.577	0.80
• 4 ^()	9100.	10300.	0.400	6720.	2049.	0.578	0.027	0.099	0.312	0.527	0.75
• 100	10006.	14433.	0.500	6950.	2121.	0.497	0.020	0.077	0.262	0.477	0.70
.000	13000°	15000.	0.600	7200.	2195.	0.427	0.016	. 0.061.	0.218	0.427	0.65
• 6 (Y)	13700	16500.	0.700	7260.	2213.	, 0.383	0.013	0.052	0.191	0.383	0.50
•0	6.	0.	0.800	7320.	2231.	0.345	0.012	0.045	0.169	0.345	0.55
• 17	е.	Ĵ.	0.900	7340.	2249.	0.313	0.010	0.040	0.151	0.313	0.50
. n	0.	^ •	1.000	7440.	2263.	0.285	0.009	0.036	0.135	0.285	0.44
• 1)		. 9 •	1.100	7500.	2236.	0.260	0.008	0.032	0.122	0.260	0.4
· ^ .	· r •	·	1.200	7700.	2347.	0.231	0.007	0.028	0.108	0.231	0.38
•0	O •	0.	1.460	. 9100.	2463.	0.184	0.005	0.022	0.085	0.184	0.31
·)	r.	0.	1.500	8723.	2662.	0.141	0.004	0.015	0.064	0.141	0.2
Č.	· · · · ·	9.	1.300	9367.	2355.	0.111	0.003	0.013	0.050	0.111	0.1
r.	'nο.	$r_1$ .	2.000	10000.	3049	0.088	0.002	0.019	0.040	0.088	0.1
•	<b>5.</b>	().	2.200	10300.	3139.	0.076	0.002	0.009	0.034	0.076	0.1
is '	•	·) .	2.400	10000	3231.	0.066	0.002	0.007	0.029	0.066	0.1
· 2	A .	0.	2.700	11050.	3369.	0.054	0.002	0.001	0.024	0.054	0.0
$\hat{}$	<b>0.</b>	0.	3.000	11500.	3505.	0.045	0.001	0.005	0.024	0.045	0.0
J	0.	o .	3.500	12250.	3734.	0.034	0.001	0.004	0.015	0.034	-0.0
Ò	: 1	٦.	4.000	13000.	3962.	0.027	0.001	0.003	0.013	0.027	
d)	e.	0.	5.000	13700.	4176.	0.019	0.001	0.003	0.002	0.027	0.0
. ?	o.	A.	5,000	14330.	4368	0.015	0.000	0.002	0.007	0.019	0.0
		, ,				0 • C 1 3	0.000	0.002	0.001	0.017	0.0
•								• *			

106	••••	( MAX	Tabya a		tabil	٢															•									. (
* * •	HET	SECTION S	w.11a	STAT	PEFL	••	• • • •	• • •	• • • •	•••	• • • •	• • • •	• • • (	IN	PUT	FIL	ES -	TR.	ACE.	NÚM	BERS	1	• • •	• • • •	• • •	• • • •	• • •	••••	• •	TRA
1.1	3936	45,7	ting	-4	4	34	24	35	21	36	20	37	17	38	16	39	13	41	11	42	10	43	7	44	6	45	3	46	2	٠,
			925	-4	4	3 6	22.	36	21	37	13	38	17	39	14	40	13	41	12	42	11	43	8	44	7	45	4	46	3	
**	303.8	44.6	1000	-4	4	35	23	36	22	37	19	ર ક	18	39	15	40	14	42	12	43	Ō	44	a	45	5	46	4	47	1	ĵ
17,	4266	4.00	1075	-4	4	35	23	1, 2,	2.3	37	20	3.9	19	30	16	40	15	43	10	44	9	45	6	47	2	4.8	i	, ,	*	į.
			1 000	- /i	7,	37,	24	3.7	71	3.8	2.5	30	17	40	16	.41	13	43	11	44	10	45	7	46	6	4.7	3	48	ات الحدما 2	Ţ
		•	$\tau t \to t'$	-1,	4,	37	2.2		.1	14	1.3	40	17	41	14	42	13	43	12	44	11	45	ß	46	7	4.8	á	• • •	خسما	
			1 00		4	3.7	23	11.11	22	$\gamma_{i,j}$	1.)	40	19	41	1.5	42	14	44	12	45	ġ	46	3	48	4	49	ī		च :	
			1 1 1		7.	1.7	14	• .1		4.1	34	7, ()	10	1.1	1.6	4.2	1.6	1,6	10	4.0	٤,	4.0	>	50	1	. ,	•		Ÿ	
,	(11.	~ t, 1 /		, A		. •	•		٠,,	,	. 1	41	1.7	40	14	4.3	1 4	4,5,	11	4.4	t.	40	,	UA	,`					

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J ** ? • •	Ē \$ \$t1	LINE	0714-14	. BEGIN V	FLOCITY FUNC	TIONS	۸Τ	STACK I	0 60004	TRA	CE 12	48 CD	OFS TO NEXT VEL
190-94X	AVG.VEL.		TWO-MAY	AVG.VEL.	AVG.VEL.	NMO		·	NMO WT	TH II	MITINO	G FACTOR -	
. 11=		T/SFC	TT 19E	FITISEC	-MZSEC	NM()		1000'	2000		000'	60001	80001
	. (TAPUT)		• • • • • • •	( VboflED	)	( 6000')		1000	2000	7	000	0.3.70	
			B + 0.0	4.000	1020	· 0.905		0.094	0.230	0	.476	0.724	0.956
6.100 .	50.00 ·	6000 •	0.100	(000.	1829.	0.788		0.057	0.130		.426	0.674	<b>0.</b> 906
0.400	7500·	5300·	0.200	6300.	1890	0.684		0.038	0.133		.376	0.624	0.856
1.000	70:00 •	7257.	0.300	6400.	1951.	0.593		0.028	0.102		326	0.574	0.806
1.410	8000.	10500.	0.400	6500 •	2012•			0.023	0.083		. 281	0.524	
1.430	PA 0.0 .	12800.	0.500	6667.	2032.	0.530		0.018	0.069		. 244	0.474	0.706
2.(0)	11000.	20600•	0.400	6733.	2052.	0.474		0.015	0.059		.214	0.426	0.656
7.4.20	12500.	17500.	0.700	6300.		0.426		0.013	0.051		130	0.385	0.696
4.000	14000.	16736.	0.300	6867.	2093.	0.385		0.011	0.045		169	0.349	0.556
5.000	14700	17500.	0.300	6933.	2113.	0.349		0.010	0.040		152	0.317	0.506
( • · · ·	0.	· "	1.000	7000.		0.317		0.010	0.034		.131	0.277	0.456
$c_{i}$	A .	O .	1.100	7250.	2210.	0.277			0.029		.113	0.242	0.406
r.,0	↑.	n •	1.200	7500.	2286.	0.242		0.007	0.022		0.087	0.188	0.320
$c_{i_1, \dots, i_r}$	ં તે.	11.	1.400	.8000.	2438.	0.188		0.006	•		066	0.145	0.251
0.0	0.	<i>^</i> •	1.500	√840 <b>0</b> •	2621:	0.145		0.004	0.017		0.046	0.101	0.176
$T = N^{-1}$	0.	0.	F * 300	9300.	2987.	0.101		0.003	0.012		0.033	0.073	0.128
$t \in \mathcal{T}$	o.	n.	2.000	11000.	3353.	0.073	•	0.002	0.008		) • 02 <b>7</b>	0.061	0.107.
0.7.	r.	0.	2.200	11500.	3505.	0.061		0.002	0.007			0.052	0.021
	0.	n.	2.400	12200.	3658.	0.052		0.001	0.006		0.023	0.032	0.074
	9.	· · · · · · · · · · · · · · · · · · ·	2.760	12607.	.3843 ·			0.001	0.005		0.019	•	0.043
6.	0.	n.	3.000	12929.	3941.	0.036		0.001	0.004		0.016	0.036	0.050
e.h	Ú.	0.	3.5(.0)	13464.	4104.	0.023	,	0.001	0.003		0.013	. 0.028	
	4) .	0.	4.000	14000.	4267.	0.023		0.001	0.003		0.010	0.023	
· •	á.	).	5.000	14700.	4431.	0.017		0.000	0.002		0.007	0.017	
c.)	· () •	ó.	5,900	15330.	4673.	0.013		0.000	0.001	(	000	0.013	0.023
• .													
													.(0
chi.	TYA" Lee-	1937 )	IMPUT		•			_					TPACE
		OUT STAT	DEEL			I INPUT	FILES	- TRACE	NUMBERS	) • • • •	• • • • •	• • • • • • • •	1 40
•					•								70 2
1.70	135 463	10,00 -4	4 58 20	4 59 21	50 20 61 17		63 13			67 7		6 69 3	70 2
*	00 424		4 59 23	2 50 21	51 19 62 17		64 13			67 8	68 68	7 69 4	70 3
	037 474		4 59 2	3 60 22	61 19 62, 18			66 12		68 8		5 70 .4	71 1
•	266 501		4 50 2	4 40 23	61 20 62 19	9 63 16	64 15	67 10		69 5		5 71 2	72 1
		10.50 -4	4 60 2	4 41 21	42 20 42 17	7 64 16	- 65 - 13	67 11	69 10	69 7	70	6 71 3	
	100 434	1195 -/4	4 51 2	1 /2 21	63 19 74 17	7 65 14	56 13	67-12	68 II	9.4 R	rG	1 12 3	
•		1. 10 -4	4 51 2	1 62 22	43 10 44 18	3 65   15	55 14	68 12	59 9	I() = 3	7.1	<b>7</b> (3 1	. he wh 
	377 3716		4 41 2	4 42 23	63 20 64 10	0 65 16	66 15	69 10	70 9	72 5			<u>ري</u> اسه
	111		S 4 1 2	4 4 7 31	44 25 40 17	7 66 16	67 13	69 11	76 10	72 5		3 74 2	· '
	, ,		•			7 67 14	रुष १३	( + 13	70 11	74 3			
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	·	10	·	•			,				•
jne	Essiu	LIME	071A-17	BEGIN V	ELOCITY FU	NCTIONS	AT STACK ID	80004	TRACE 12	0 CDF:	S TO NEXT V
Tir-vay	AVG. VEL. FEE . ( INOHT)	T/SEC	IIME IMU-MVA	AVG.VEL. FT/SEC ( APPLIED	AV3.VEL. M/SEC	NMO ( 6000*)	1000	NMO WIT 2000*	H LIMITING 4000'	FACTOR	8000'
7.100 7.700 1.0000 1.000 1.00	60.00. 70.00. 70.00. 70.00. 70.00. 10.00. 10.00. 10.00. 10.00. 10.00. 10.00. 10.00. 10.00. 10.00. 10.00. 10.00. 10.00. 10.00. 10.00. 10.00. 10.00. 10.00. 10.00.	6000. 7333. 7700. 7750. 12420. 15600. 20000. 18000. 17201. 18000. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0.100 0.200 0.300 0.400 0.400 0.700 0.300 0.300 1.100 1.300 1.400 1.400 2.400 2.400 2.400 2.400 2.700 3.500 5.000 5.000	6000. 6333. 6667. 7000. 7100. 7100. 7260. 7350. 7350. 7400. 7714. 8029. 8343. 8971. 9600. 10300. 11750. 12500. 13600. 14500. 15830.	1829. 1930. 2032. 2134. 2164. 2195. 2225. 2240. 2256. 2351. 2447. 2543. 2734. 2926. 3139. 3353. 3581. 3978. 4145. 4282. 4420. 4633. 4825.	0.905 0.768 0.649 0.546 0.482 0.427 0.380 0.343 0.311 0.267 0.230 0.199 0.152 0.118 0.092 0.073 0.058 0.048 0.039 0.032 0.032 0.026 0.021 0.016 0.012	0.094 0.055 0.035 0.025 0.019 0.016 0.013 0.011 0.010 0.008 0.007 0.006 0.004 0.003 0.003 0.003 0.003 0.002 0.001 0.001 0.001 0.001 0.001 0.001 0.000	0.224 0.174 0.124 0.092 0.074 0.061 0.052 0.045 0.040 0.033 0.028 0.024 0.018 0.014 0.010 0.008 0.007 0.005 0.004 0.004 0.003 0.004 0.004 0.003 0.004	0.448 0.398 0.348 0.298 0.253 0.218 0.189 0.168 0.150 0.126 0.108 0.092 0.069 0.053 0.041 0.033 0.026 0.021 0.017 0.014 0.012 0.010 0.007 0.005	0.677 0.627 0.577 0.527 0.477 0.427 0.380 0.343 0.311 0.267 0.230 0.199 0.152 0.118 0.092 0.073 0.058 0.048 0.039 0.032 0.026 0.021 0.016 0.012	0.884 0.834 0.784 0.784 0.684 0.684 0.584 0.584 0.434 0.384 0.384 0.386 0.260 0.128 0.103 0.103 0.069 0.069 0.069 0.057 0.046 0.038 0.028 0.028 0.022
10		TITE STATE	BELL	•••••	•••••	.( INPUT FILE	S - TRACE NUM	18ERS ).		•••••	•( ^) ••• TRAC
1 4 37	600 A 500 1	(00) -5 (00) -6 (00) -6 (00) -6 (00) -6	4 32 24 4 33 22 4 33 22 4 33 24	94 21 9 36 22 9	4 20	7 87 14 88 87 15 88	13 89 12 90 14 90 12 91		8 92 7 8 93 5	93 3 97 93 4 97 94 4 95	3

 $\frac{6}{2} \cdot \frac{6}{4} \cdot \frac{24}{2} \cdot \frac{96}{2} \cdot \frac{21}{21} \cdot \frac{26}{21} \cdot \frac{97}{17} \cdot \frac{17}{98} \cdot \frac{16}{16} \cdot \frac{89}{13} \cdot \frac{13}{91} \cdot \frac{91}{11} \cdot \frac{17}{92} \cdot \frac{10}{10} \cdot \frac{93}{93} \cdot \frac{7}{7} \cdot \frac{94}{6} \cdot \frac{6}{95}$ 

 $\frac{3}{3} \frac{3}{3} \frac{3}{3} \frac{3}{3} \frac{3}{3} \frac{1}{3} \frac{3}{3} \frac{1}{3} \frac{1}{3} \frac{3}{3} \frac{1}{3} \frac{1}$ 

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HE THE FEET	INT. VEL.	TWO-WAY	The second secon	AVG. VFL.	and the state of t	AT CDF	14 24	CDFS_ID_N	REXI VEFOCI	TY	
F 4, 4 <sub>0</sub> , 1	/SEC	L I 4E	FITISEC	MICEC	NMO	<del></del>		· ·	A Report of the course of the contract of the		
····· ( INOUT)	• • • • • • •	. • • • • • •	( APPLIED	)	( 5412*)		TIN CMN	H LIMITING	FACTOR	· · · · · · · · · · · · · · · · · · ·	
100 6500.	4500.	بعجب المستعددة		·	. 1 . 2416 . 1	4921	2132 •	4100	5412	80364	
6960.	68 <b>75</b> .	0.100	6500.	1981.	0.739					0050-	
າງດີ 75 ດ ເ	8667.	0.200	6575.	2004.	0.647	0.025	0.231	0.479	0.622	0.881	
200 8200 ""	9600.	0.300	6650.	2027.	0.567	0.014	0.131	0.427	0.572		
9100.		<u>0.400                              </u>	6725.	2050.	0.400	0.009	0.139	0.379	0.522	0.831 0.781	
9760	19960. 12300.	0.500	6800.	2073.	0.440	0.007	0.110	0.329	0.472	••	
11000	16200.	0.600	7033.	2144.	0.376	0.005	0.090	0.283	0.422	0.731	
00 12500.7		0.700	7267.	2215		0.004	0.072	0.237	0.372	_ 0.681	
14000.	20000	0.900	7500.	2296.	0.322	0.003	O.059 ~	0.179	0.322	0.531	
14700.	15250.	9 <b>.</b> 909	7675.	2339.	0.2/2	0.003	0.049	0.169	0.277	0.581	
·····································	17500.	1.000	7950.	2393.	0.243	0•00S	0.042	0.147	0.243	0.531	
· · · · · · · · · · · · · · · · · · ·	. <u>0</u> •	1.100	8025.	2446.	The Market	0.002	0.035	0.128	0.215	0.481	
	9.	1.200	8200.	2499	0.190	0.002	0.032	0.113	0.710	0.431	
0.	. O	1.400	9300.	2535	0.170	0.001	0.028	0.100	0.170	0.388	
U•	0.	1.500	9700.	2957.	0.116	0.001	0.019	0.058	0.170	0.345	
$\frac{1}{2}$	O• (	1.300	10350.	3155.	0.094	0.001	0.015	0.055	0.094	0.245	
() • •	₽•	2.000	. 11000.	3353.	0.074	0.001	0.012	0.043	0.074	0.202	-
$\sigma = \sigma \cdot \sigma$	0.	2.200	11750.	…ຸ⊿ລາລ. 3581.	0.060	0.000	0.009	0.034		0.160	
	O •, ,,	2.4(0)	12500	3810.	0.048	o.noo	0.007	0.027	0.060	0.129	
i en la company 🗸 🗸 🚅	0.	2.700	12781.	3896.	0.039	0.000	0.006	0.027	0.043	0.104	
· · · · · · · · · · · · · · · · · · ·	0.	3.950 °	13063.	3476. 3481.	0.033	0.000	0.005	0.019	0.030	0.085	
<b>0.</b>	0.	3.500	13531	(134	0.028	0.000	0.004	0.616	0.033	0.072	
	0.	4.000		4124.	0.023	0.000	0.004	0.013	0.028	0.062 "	
0 •	0.	5.000	14000. 14700.	4267.		0.000	0.003		0.023	0.050	
		5.900	15330.		0.014	0.000	0.002	0.011	0.619	0.041	
*	•	See a section of	12330	4673.	0.011	0.000	0.002	0.008	0.014	0.030	
****			***	• • • • • • • • •			0.002	0.006	0.011	0.623	** **
		•	the second	er something of the	***			•			
···· ( MAXIMUM	)	INPUT		and the second	**********		• •			•	:
DIST VIND MITI								the second of	***		
**************************************	STAT N	₹ <b>₽</b> ₽•••••.	• • • • • • • • • • •	• • • • • • • • • (	_INPUT FILES	- TRACE N	HMBSDC +		•	.! !	HTPU
402 24 25	5 -16	20 2 12			eries en		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	•.• • . • . • . • . • . • . • . • . • .		TRA	E I
820 60 21	5 -17	20 1 12	2 11			· · · · · · · · · · · · · · · · · · ·	And the second	*			
- 1148   104   397		20 1 17	2 11 .		91 1 1 .		re in a community				1
1475 148 366	-10	- 60 1 14 - 20 1 16		10		•					?
1804 188 410	-17	20 1 12	. 2 134.	11, 5 9	5 8	The second of the second of the	en conservation of the state of		The second of second or control of		3
- 2132.   232   - 464	-17	20 1 10	2_144_	.125_10_	5 8	Annual Control of the Section of Section 1		and ages of the second party of the second	-		<u>,</u>
2460 272 520	-19	201 17 g	. 2 15 2 .	13 5 11	6 8 6 9 7 6 10 7		**************************************			المنعند	5
2789 316 576	= 1.7. = 1.0	20 . 1 18	2 . 16 3 .	14 5 12	6 10 7	2 . 0 .		170 Make (Make 14 ) 21 ( ) 21		المنا	3 <u>.</u> 5
- 3116 356 656	10 _ 10	$\frac{20}{20}$ , $\frac{1}{1}$ , $\frac{19}{10}$	2 17 3	15 4 13	6 11 7	0 0		المواصد بدوات المسادة و		المنظم المنظم	
3444 20% 100	713	Z0 1. 20 <sub></sub>	. 2 183	16 4 14	· · · · · · · · · · · · · · · · · · ·	7 8 7	9 5		***	عنعما بغرفلز	a .
4 7 7 7			4 1 1 1	1 1 1 1 1							
3116 356 630 3694 306 685 3772 440 740	-18 -18	20 1 19 1 20 1 20 1 29 1 21 26 1 22	. 2 18 _ 3	16 4 14	6 10 7 8 6 11 7 6 6 12 7 10 6 13 7 11	9 8 7 D 8 8 L 8 9	9 5 9 6 10 9 7 10	4	· · · · · · · · · · · · · · · · · · ·	100 mg	7 9 9

·.							•				
. 398	ESSO	LINE.	. 0714-15	REGIM V	FLOCITY FUNC	TIONS	AT,CDF	38 48	CDES TO N	EXT VELOCIT	·
					The second secon	2-2-2-2			7013 10 13	EVI NEFARTI	Y
T ACHUAY	AVG.VEL.	INT. VEL.	TWO-WAY	AVG.VEL.	AVG.VEL.				A Part of the Control	ter mercenhagen gran i a i an announce i ann a	made and comments and a
FILTE		T/SEC	TIME	FT/SEC	MYSEC	OMM		NMO WITH	H LIMITING	FACTOR	*
	· ( INPUT)	• • • • • • • •	• • • • • •	( VDBFIED	)	( 54121)	492"	2132	4100	5412	80361
0.100	6500.	6500.	0.100	6500.	1.321						
0.500	6800.	6875.	0.200	6575.	1931.	0.739	0.025	0.231	0.479	0.622	0.581
6.300	7500	8667.	0.300	6650.	2004.	0.647	0.014	0.181	0.429	0.572	0.831
1.200	8200	9600.	0.400	6725.	2027.	0.567	0.009	0.139	0.379	0.522	0.731
1.300	9100.	19900.	0.560	6800.	2050.	0.499	0.007	0.110	0.329	0.472	0.731
1.450	97.00	12300.	0.500	7033.		0 • 440	0.005	0.096	0.283	0.422	0.681
3.000	11000.	16200.	0.700		2144	0.376	0.004	0.072	0.237	0.372	0.631
3 4 3 6	12500.	20000.	0.300	7267. 7500.	2215.	0.322	0.003	0.059	0.199	0.322	0.581
4.00	14000.	16250.	the second of the second		2236.	0.277	0.003	0.049	0.169	0.277	0.531
5.000	14700.		0•ano	7675.	2339.	0.243	0.002	0.042	0.147	0.243	0.431
6.0	"' r4100.	17500.	1.000	7850.	2393.	0.215	0.002	0.036	0.128	0.215	0.431
0.0		· · · · · · · · · · · · · · · · · · ·	1.160	8025•	2446.	0.190	0.002	0.032	0.113	0.190	0.388
•	/ 0 •	9.•	1.200	. 18200.,,	2499	0 • 1 70	0.001	0.028	. 0.100	0.170	0.345
		9 •		9300•	2835.	0.116	0.001	0.019	0.063	0.116	0.245
0.0		<u>() .</u>	1.500	9700	2957	0.094	0.001	0.015	0.055 .	0.094	. 0.202
· · · · · · · · · · · · · · · · · · ·		4 9• "	1.300	10350	3155	0.074	0.001 j	0.012	0.043	0.074	0.160
U S • 7				11000	3353	. 0.060	0.000 .	0.009	0.034	0.060	0.129
5 • 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		9.	<b>Z.</b> ?00	11750.	3531	_ 0.048 <sub></sub>	O•000	0.007	0.027	0.048	0.104
11.0		! • ,	2.400	12500	3810	0 • 039	0.000	0.006	0.022	0.039	0.085
11•1: 		0.	2.700	12781.	3896 •	0.033	0.00	0.005	0.019	0.033	0.072
	<u>9</u> •		3.000	13063	3981.	0.023	0.000	0.004	0.016	0.028	0.062
.0.0			3.500	13531	4124.	0.023	0.000	. 0.004 .	0.013	0.023	0.050
U • 9	9,•		4.000	14000	4267 •	0.19	000.	0.003	0.011	0.019	0.041
0.0	0		5.000	14700	4431.	0.014	0.000	0.002	0.008	0.014	0.030
0 • 0				15330.		,0 • 011	000	0.002	0.006	0.011	0.023
		The state of the state of	e term is the ending		e indiana a sanan aya e gaga 🛶		e de la companya de l				
	4 (15 14 7 54)						ment Anna de las algunes de la				
CDF	( MAXIM!		INPUT	Commence with the work of		ere i a de la companya de la company	the end of the term of the graph			<i>5</i>	. ( OUTPUT
19 <sup>1</sup> 1• D.1	ST , NYO <u></u>	JIE. STAT	REELLAND			LINRUTE EL	.ESTRACE_N	MUMBERS)			TRACE IN
			e	and the second second	الرواد المورد والمواد	and the second second second	e de la companya de l		6 11 1 1 4 44	••	
	00 480		20,,7 .24		9_20_10_18_	1116 12	2. 141412 ,	151016	. 8 17 6	18 4. 19	2 1 20
		79515	20 8 23	-1.9 2119	0 1911 17	.12 15 13	3 13   15 11 .	16 9 17	7 18 5	19 3 20	-1 2
40. 41		795 15	. 20. 8 <b>2</b> 4			[12, 16] [13]	3 14 15 12	_16 10 _17	_8 _18 _6	19 4 20	2 3
41 41	00 476	79515	20 _ 9 23	. 10 21 .13	1 1912 17	[13   15] [14	4.13 16 11	.17 9 .18	719 5	20 3 21	1 4
42 41	.(10)	79515.	20 , 9 24	_ 10_221	1,,20, 12,18 .	13 16,14	4 14 [ 16 [12 ]	1,7 10 18	8 _ 196	20 4 21	2 🗢 5
•		795 <b>-</b> 15.			2 1913 17					21 3 22	1 1 6
		/9515	. 20 10 24	11 2213	2 2013 18	.14 16 . 15	5 14, 17 12,	18 10 19	_8 20 6	21 4 22	
		795 Juli 15	. 20 11 23	12 21 13	3 19 14 17	15 15 16	5 13   18 11	19 9 20	7 21 5	22 3 23	1 CD 8
(*)	30 676	705 - 15	20 11 24	12 22 1	1.201 14 18	15 16 17	5 1,4 13 12	10 10 20	8 21 6		
,	• •		*1 1 1	5 M M M M M	to the control of the control	* t. !	2 3 4 4 4 4 4 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· 99 #	2 - 2 - 27	

	(Dec							•			
, 4.9B	FSS	J FIME	D71A-15	<u>BEGIN V</u>	ELOCITY EUR	IC LLUNS	AT COF	86 36	CDES TO N	EXT_VELOCIT	Y
า[ียก=ย		INT.VEL.	TWO-WAY	AVG.VFL.	AVG.VEL.		***	***** ** ** ***** ** ** ** ** ** ** **	المهادات السلساء الساداء		************************
FLIME		ET/SEC	TIME	FT/SEC	MISEC	OMA		NMO WIT	H LIMITING	EACTOD	•
••••	···· ( IMPUT	)	• • • • • • •	( APPLIED		( 5412')	492	2132	4100*	5412	80361
0.10		6700.	0.100	6700.	2042.	0.714	0.024	0.223	0.463	0.410	
0.60		7180.	0.200	6780.	2017	0.623	0.013	0.173	0.413	0.619 0.569	0.885
$a^*80$		7500.	0.300	5860.	2091.	0.544	0.008	G-132	0.363	0.519	0.835
1.00	7600.	9290.	0.400	5940.	2115.	0.476	0.006	0.104	0.313	THE R. P. L.	0.785
1.20	0 8400.	12409.	0.500	7020.	2140.	0.419	0.005	0.085	0.269	0.469 0.419	0.735
1.60	0 94:00.	12400.	0.560	7100.		0.370	0.004	0.071	0.233		0.635
, 2.00	0 10400.	14400.	0.700	7150.	2179.	0.331	0.003	0.061		0.370	0.635
2.40	0, ,12006.	20000	0.900	7200.	2195.	0.298	0.003	0.053	0.205	0.331	0.595
4.70	0 14000.	17000.	0.980	7400.	2254			•	0.182	0.298	0.535
3.00	014700.	17500.	1.000	7600	2316.	0.228	0.002	0.045	0.157	0.260	0.485
0.5	0.	0.	1.100	8000.	2439.		0.002	0.039	0.136	0.228	0.435
()	0.	0.	1.200	8400.	2550.		0.002	0.032	0.114	0.191	0.335
0.0	0.		1.400			0.162	0.001	0.027	0.095	0.162	0.335
0.0	0		1.600		2713.		0.001	0.020	0.074	0.126	0.266
0.0	6	9•		9400.	2805.	0.100	0.001	0.016	0.658	0.100	C.214
	· · · · · · · · · · · · · · · · · · ·		1.800.	9900.		0.081	0.001	0.013	0.047	0.031	0.175
. ^		0			3170		0.001	0.010	. 0.038	0.067	0.144
0.0	0	9.	2.200	11200.	3414.		0.000	0.008	୍ଠ•୦3ର	0.052	0.114
	The same and seems on the same of the same		2.400	. 12000	3	0.042	0.000	0.007	0.024	0.042	0.092
0.0	0.	. 0.	2.700	12375.	3772.	0.035	0.000	0.005	0.020	0.035.	0.077
0.0		. 0.		12750	3885	030,	0.000	0.005	.0.017	0.030	0.065
_0.0 0.0		·) •	3.500	13375	4077.	0.023	0.000	0.004	0.013	0.023	0.051
10.0	0	0.	4.000	14000	4267.	(0.019)	0.000	0.003	0.011	0.019	0.041
0.0	. O	0.	5.000 <u></u> .	14700	4481.	0.014	0.000	0.002	0.003	0.014	0.030
0.0.		0	5.900	15330		9.011	0.000	0.002	0.006	0.011	0.023
		•	•						0.000		C • O 2 5
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	• 1						*	• • •			•
COF	( MAXII	4(14))	INPUT	• •	** * *****					• • •	/ Distri
F.O.	DIST MMO .					I INDIT EN E	S. TRACE	NHIMB EDC 1		<i>!</i>	. ( GUT
						* 1 . * 195 . M.C	3. T. 1840E	14003 ± K2 ± 1. • •	0 . • . • . • • • •	• • • • • • • • • •	· · · TRACE_
. 35	4100 464	795 -16	. 20-31-24	32.22.3	3. 20 . 34 18	35 16 36 1	17 20 12	20 10 40		, , , , , , , , , , , , , , , , , , ,	. ·
87	4100 474	795 -16						39 10 40	3 41 6	.42 4.43	
90	4100 454	795 -15					13 39 11	40 9 41	7 42 5	·	
	4100 464	705 -16			4 20 _ 35 18	36 16 37	14 39 12	40 10 41	8 42 6	43 4 44	2 3
	4100 464	<del>-</del>	20 33 23	24 61 3	9, 19 36 17	. 37 15 . 38	13 40 11	41 9 42	7 43 5	44 3 45	1 4
	4100 464		20 32 24	36,243	o 20 . 36 18	37 16 38	14 40 12	41 10 42	8 43 6	44 4 45	<sup>2</sup> 👝 <sup>5</sup>
	- 4100 - 464 - 4100 - 464	795 -16	ZU 34 Z3	) 27 KI 3	0 13 37 17	- 38 15 39 :	13 41 11	. 42 9 43	7 44 5	45 3 45	ا المصل ا
		795 -16	20 34 24	35 223	6 20, 137 18	38 16 (39)	14 41 12	42 10 43	8 44 6	45 4 46	2 60 7
1.3	4160 464	775 -16	20 35 23	36 21 3	7 10 .38 17	39 15 40 1	13 42 11	43 0 44	7 45 5	46 3 47	1 –
	6100 464	- / - f 3 / -	20 26 29	, 37, 22 3	7 20 90 90	30 16 40	15 30 10	69 10 66	0 25 6	1.1 2.17	•
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					<ul> <li>3 (1)</li> </ul>			****	•

10-MVA 14e		/SFC	TWN-WAY TIME	. 1.17.354	MISEC	NMO ( 5412')	492 *	NMO WITH	LIMITING		
				•		2111	7.72	2138	4100.	5412*	8036
100	_ 6500. ;	6500.	0.100	6500.	1981.	0.739	0.025	0.230	0.474	0.629	0.902
1.900	7300	7400.	0.200	6600.	2012.		0.013	0.180	0.424	0.579	0.352
.100	7700.		0.300	6700.	2042.	0.562	0.009	0.137	0.374	0.529	0.802
• 400 <u></u>	12000	<u> 15060.</u>	0.400	6800.	2073.	0.491	0.006	0.108	0.324	0.479	0.752
.000	11500	17500.	0.500	6900.	2103.	0.430	0.005	0.088	0.277	0.429	0.702
	14000.	1.6500.	0.600	7000.	2134.	0.379	0.004	0.073	0.238	0.379	0.652
.000	14700.	17500.	0.700	7100.	2154.	0.335	0.003	0.062	0.207	0.335	0.602
• 0	0.	0.	0.800	7200.	2195.	0.298	0.003	0.053	0.182	0.298	0.502 0.552
0			0.900	7300.	2225.	0.266	0.003	0.073	0.161	0.266	0.552 0.562
. 1	C •	0.		7500.	2296.	0.233	0.002	0.040	0.140	0.233	
· ^		0.	1 1 4 4	7700.	2347.	0.205	0.002	0.034	0.122	0.205	0.452
• 3	0.	0.	1.2(.0)	9160	2497	0.171	0.002	0.028	0.101		0.402
•	0.	0.		9080.	2768.	0.122	0.002	0.020	0.071	0.171	0.352
٠	tr.	0.		10000.	3048.	0.039	0.001	0.020		0.122	0.256
. 13	С.	ာ.			3277.	0.049	0.001	0.011	0.052	0.049	0.190
	0	э.		11500	3505.	0.055	0.000	0.009	0.040	0.069	. 0-149
40	0.	0.	2.200		3581.	0.048	0.000		0.032	0.055	0.119
	0.	0.			3658	0.045	0.000	0.007	0.027	0.048	0.104
• 1	0.	0.	2.700	12375.	3772.	0.035	0.000	0.007	0.024	0.042	0.092
.0	0.	0.		12750	3896	0.030		0.005	0.020	0.035	0.077
.0	0.	0.	3.500	13375.	4077.	0.0.030	0.000	0.005	0.017	0.030	0.065
0	0	0.	4.000	14000	4257.	20.023	0.000	0.004	0.013	0.023	0.051
	Õ.	.0	5.000	1. 14000 •	4481.	0.019	0.000	0.003	0.011	0.019	0.041
.0	n	0 •		15330.	4451 •	0.014	0.000	0.005	0.008	0.014	0.030
***	r eren i inn de de en e		2.• '70'U				0.000	0.002	0.006	0.011	0.023
		•	. •	* * * * * * * * * * * * * * * * * * * *		t with the second					
	** ** ** ***			• • • • •		man in the state of the state o					
DF	( MAXIME	OM - <b>3</b>	INPUT	•					**	•	
n. bis		ITE STAT	- 1900	*	to the contract of the contract of	=				•	.( Outs
	3 1 N 11 1 1/1	117 2111	"Cal	•••••		(LINPUT, FILES	TITRACE >	YUMBERS	• • • • • • • • • •	• • • • • • • • • •	TRACE_
23 410	00 472 7	115 -13	20 /0 2/	60.00.0				-			
23 410		' 15 -13 ' 95 -13	20 49 24					57 10 58	859 6		_ 2 _ 13
24 411			20 50 23			54 15 55 13		58 9 59	7 60 5	61 3 62	
25 410		•	20 50 24		_	54 16 55 14		58 10 59	_8 _80 _6	61 4 62	
76 410	. ,	95 -13	20 51 23		3 19 54 17	55 1556 13		59 9 60	7 61 5	52 3 63	• •
		95 -13	20 51 24		5 20 .54 18	55 16 ,56 14	58-12	59 10 60	8 61 6	62 4 63	2
27 410		05 -13	20 52 23		+ 19155. 17	.55 15. 57 13	3 . 59 11	60 9 61	7 62 5	63 3 64	1 10013
28 410		05 -13	20 52 25		20, 55 18	55 15 57 17	59-12	60 10 61	8 62 6	63 4 64	2 1-19
22 410	0 472 7	95 - 13	20 53 27	54 21 59	5 19 56 17	57 15 5H 13	60 11	61 9 62	7 62 5	64 3 65	1 20

JOB	<b>FS</b> \$0		071A-15	SBEGIN_V	ELOCITY FUR	CTIONS	AT CDF 1	58 12	CDES TO ME	IXT_VELOCIT	· <b>v</b>
TWO-WAY TIME	AVG.VEL. FEE . ( INPUT)	INT.VEL.	TWO-NAY	AVG.VEL. FT/SEC ( APPLIED	AVG.VFL.	NMO ( 5412')			LIMITING 4100*		80361
0.100	6500.	6500 -	0.100	6500.	1281.		0.005				
0.900	7300.	7400.		5500 •	1281 2012.	0.739	0.025	0.230	0.474	0.629	0.902
1.100	7700.	9500	0.300	6700.	6946• 2042•	<u></u> 0 • 644 0 • 562	0.013	0.180	0.424	0.579	0.852
. 1,600	10000.	15060.	0.400	6300	2073	0• 382	0.004	0.137	0.374	0.529	0.302
2.000	11500.	17500.	0.507	6900.	2103.	0.430	0.005	0.108 <u></u>	0.324	0.479	0.752
4.000	14000.	16500.		7000	2134.	0.379	0.004	0.088 0.073	0.277	0.429	0.702
5.000	14700.	17500.	0.700	7100.	2154.	0.335	0.003		0.238	0.379	0.652
6.0		0.	0.860	***	2195.	0.333 <u></u>	0.003	0.062 0.053	0.207		0.502
. 0.0	0.	0.	0.900	7300.	2225.	0.266	0.003		0.182	0.298	0.552
6.6	0.	0.	1.000	7500	2286.	0.233	U•003	0.046	0.161	0.266	0.502
	C.	· · · · · · · · · · · · · · · · · · ·	1.100	7700.	2347.	0.205	0.002	0.040	0.140	0.233	0.452
0.0	0.	j.	1.200	8100.	2437	0.171		0.034	0.122	0.205	. 0.402
0.0	ð.	ó.	1.400	9086.	2758.	0.171	0.002	0.028	. 0.101	0.171	0.352
6.9	ń.	()	1.600	16900.	& (30 • 3048 •	0•122 0•089	0.001	0.020	0.071	. 0.122	0.255
0.0		0	1.800	10750.	3277.	0.059	0.001	0.014	0.052	0.089	.0.190
0.0	0.	0.	2.000	11500.			0.001	0.011	0.040	0.069	. C.149
0.0	0.	n.	2.200	11750.	2581.	0.035 0.048	. 0.000 .	0.009	0.032	0.055	. 0.119
0.0	.) .	0.	2.400	12000.	3558.	0.042	0.000	0.007	0.027	. 0.048	0.104
$C_{i,j}(t)$	0.	0	2.700	12375.	3772	0.042	0.000	0.007	0.024	0.042	0.022
		0.	3.000				0.000	0.005	0.020	0.035	0.077
	0.	0.	3.500	133.75		0.030		0.005	.0.017	. 0.030	0.055
		0.		14000.		, 0.023	0.000	0.004	0.013	0.023	0.0.051
0.0		0.			4467 4431.	0.019	0.00	0.003	O.G11	0.019	0.041
ù.Ö.	0	. 0 .	5.900 5.900	14700 15330		0.014	0.000	0.002	0.008	0.014	0,030
W 6 W .		•	. 3.700		4673 •	0.011	0.000	0.002 .	0.006	0.011	0.023
					6 - Company	• ,					
	••		•	• *		•			•		
	( MAXIM ST. MMO. M	UTE STAT	INPUT REEL		**************	.(INPUT_EILE	S. <del>-</del> TRACE . N	IUMBERS .)			.( CUTP.
158 410	20472	7.75 -12	. 20 67 24	6 <u>5</u> .226	0.30.30.30	71 1/ 70					
159 410		795 -12	. 20 67 24 20 68 23				1474.12	75 1076	8 77 6.	78 4 79	
160 410		795 -12	•			72 1573	13 75 11	76 9 77	7 78 5	79 3 80	-
161 41(		795 = 12	20 68 24 20 69 23		0 20 71 18		14 75 12	76 IU 77	. 8 73 6	79 4 80	2 3
162 410		795 -12			1 19 . 72 17	73 15 74	13 76 11	77 9 79	7 79 5	80 3 81	1 4
163 410		795 -12 795 -12			120/2 18	73 16 _74.	14 . 75 12 .	.77 10 78	8 79 6	80 4 81	2 0 5
164 410			20 70 23		2 19 73 17		13 77 11	78 9 79	7 - 80 , 5	81 3 82	1
17.5 417	• "		.20 70 24		2 20 . 73, 18		14 77 12	78 10 79	8 80 6	81 4 82	2 10 7
160 011	. , .	799 -12	20 71 23		3 19 74 17		13 78 11	79 9 99	7 - 84 - 5	82 3 83	1 600 5
; 1	4.71.7	1000 -10	20 71 24	77 27 7	3 20 74 1	75 15 75	14 73 13	30 19 30	$-3$ . R1 $-t_0$	$p > -q = q^*$	и ,
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- A. L. W. L	16 . Sep			•	:		,		15			
J58,	•ESS0	LINE	•071A-15	BEGIN	VELOCITY FUR	NCTIONS	AT COF 1	170				
) 1 : 10 = 10 A	Y AVG.VEL.	INT.VEL.	سيوني والمناهد والمستفعون	والأسانية بموضيحا وجاء	ang kabupatèn di Kabupatèn Bangang Kabupatèn Bangang Kabupatèn Bangang Kabupatèn Bangang Kabupatèn Bangang Kab Banggaran Banggaran	1	A COL	170 (	D.CDES_TO_N	EXT VELOC	I T y	•
1   1	FEE	T/\$80	TEME	AVG.VFL.	AVG.VEL. MZSEC	Nixin		N'MIN 1177	11 1 TAKE TELES			
	··· ( [MPUT)	* * * * * * * * * * * * * * * * * * * *			1	( 54121)	4921	2132*	4100 t	FACIOR	8036*	
0.100	6800.	6800 <b>.</b>	0.100	6300.	2073.	0.702	) 0.023					ter term of
1,400	7200	7333	0.200	6933.	2113.	0.702	U.U.U.4 O.012	0 - 217	0.446	0.598_	0.886	
្រង់.្ទភក្	7400.	7500.	0.300	7067.	2154.	0.523	0.008	0.167	0.396	0.548	0.836	
1.79	8200.	9800.	0.400	7200.	2195.		0.006	0.125	0.346 .	0.498	0.785	
1.550	93,00	14600.	0.500	7250.	2210.	0.398	0.005	0.039 0.039	0.296	0.448.	. 0.735	
1,000		_ 15300	0.650	73(0).	2225.	0.354	0.004	•	0.255	0,308		
2.400	12500.		0.700	7:50.	2240	0.316	0.004	0.057. 0.058	0.222	0.354	0.636	
4,,000	14500. [	17500.	0.800	7400.	2256.		0.003		0.195	0.316	0.585	
5,000	. :15200.	18000.	0.900	7600.	2316.	0.248	0.003	0.050	0.173	0.284	0.535	
0.0	······································	0.	1.000	7800	2377.	0.217	0.002	0.043	0.149	0.248	0.484	
			1.100	8000.	2438	0.191		0.037	0.130	. 0.217	j j <b>0.</b> 435	
0.0	0.		1.200	6200.	2499	0.170	0.002	0.032	0.114	0.191.	0.390	+
	o		1.400	9000.	2743.	0.124	0.001	0.023	0.100	0.170	. 0.343	
0.0		. 0.	1.600	9300.	2987.	0•124 1 0•093	0.001	0.020	0.072	0.134	0.260	1
. • )		0.	1.300	10400.	3170.		0.001	.0.015.	0.054	0.693	0.194	1
1,0	0	0.	2.000	.11000.	** * **		0.001	0.012 .	0.043	0.074	0.159	
	0.	0.	2.260	11750.			a <b>0.0</b> 00.,	0.009	0.034	0.050	0.129	) }
•		ő.	2.400	12500		C.048	0.000	0.007	0.027	0.048	0.104	. (
0.0	0.		2.700	12875.	3310		<b>0.</b> 000, .	បានលេក ្	0.022	0.039	0.035	
	0	0		12070 117250	3924.	C.033	0.000 //.	<u>"</u> 0.005 "	0.019	0.033	0.071	
0.0	0.	0-		13875.	4039.	0.028	122.00.00.00	0.004	0.016	0.028	0.061	وريد
	0.	0		. 13575 14500.	4229	0+022	0.000_	0.003	0.012	0.022	0.048	
0.0	0 -	0	5.000		4420 •	J.J. 0.017. Jak	mm.10.000	<u></u> 0.903	0.010	0.017	0.038	
5	0.	0.	5.900	15200	4633			0.002	0.007	0.013	0.023	•
	The second section of the second section is	<b></b>	7.900	15830.	4825.	0.010		0.002.	0.006	0.010	0.022	for the foreign was done or long
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	PIST, NYO MU	M J NE STAT	IMPUT BEEL		The second second				* * * * * * * * * * * * * * * * * * * *	**	• (	ournu:
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•						ere real and the second	i contract of the contract of		· ·		ائ <b>ن</b> :	13
		25 -10 25 -10	ZU 31 14	.33, 12, 🦜						. , ,		1.
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AREA		Velocity fps	Frequency cps	Wave Length ft.	Intensity	Noise Pod	Small ½ Feather	Large ½ Feather	Diamond	Star	Centre Loaded Inline
NOISE	Vl -	1640	17	97	strong				j/		
STUDY	V2	6970	24	290	weak	H x	Х		x	х	· <b>X</b>
	V3	11,450	29	395	weak	1			•	_ ^	A
NOISE	V1	1890	13	145	strong				<u>,                                    </u>		
STUDY	V2	5800	22	258	weak .	x		i l	:		·
#2	V3	7620	16	476	weak				•		
NOISE	V1	2570	16	161	strong						
STUDY	V3	7300	33	222	moderate :	∏ x			į		
#3									d.		· · ·
NOISE	V1	1615	19	85	strong				1		
STUDY	V2	.4230	22	188	weak ;		х		JI		х .
#4	V3	7650	17	460	strong				) k		
NOISE	V1	1814	15	120	strong						
STUDY	V2 V3	4070	18	223	weak	H x	x	x	\$ 1 10		v
<b>#</b> 5	V3 V4	6960 7780	19 15	362 520	strong	∬ ^ ·	•	^	i i	1,	X
	11				strong	H		ļ			
NOISE	V1	2320	22	103	strong				N N		
STUDY	V3	7430	29	260	weak !	<b>∏</b> χ	Х				
#6	<b> </b>		<u> </u>								
NOISE	V1	2120	17	127	strong				P		
STUDY	V2	6150	21	293	weak	x	x		;		
<i>‡</i> 7	V3	7330	25	294	strong	<b>∏</b>	•		<u> </u>		

