ACCESSION NUMBER 70-0912

DDF A:4:16

DATA DOCUMENTATION FORM

L01093

L111

NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, D. C. 20390

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Bureau of Commercial Fisheries, La Jolla, Calif. 92037
Fishery-Oceanographic Center.

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

4. PLATFORM NAME (S)

5. PLATFORM TYPE (S) (E.G., SHIP, BUOY, ETC.)

6. PLATFORM AND OPERATOR NATIONALITY (IES)

PLATFORM	OPERATOR

7. DATES

FROM: MO/DAY/YR	TO: MO/DAY/YR

8. ARE DATA PROPRIETARY ?

☐ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE ? YEAR ____ MONTH ____

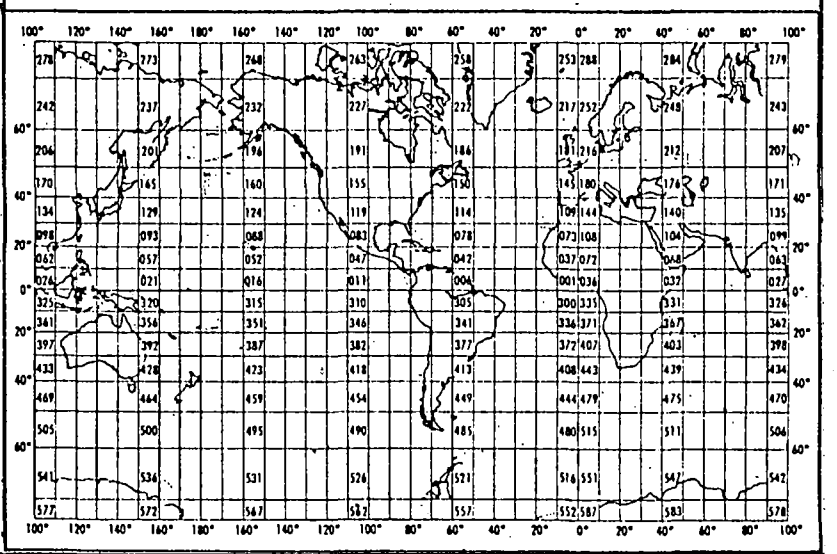
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP) ?
(ie., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE ?)

☐ NO ☐ YES ☐ PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example

EXAMPLE (HYPOTHETICAL INFORMATION)

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Salinity	‰	Nansen bottles	Inductive salinometer (Inotech model S 510)	N/A (not applicable)
		STD Bissett-Berman model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Monthly Synoptic Weather Data Summary for Eastern Pacific Ocean, compiled from individual radio weather reports received from ships in the area. Contains summaries of sea temperatures, air temperatures, dew point, barometric pressures, wind, and cloud cover for one, two, and five degree quadrangles.				

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity).

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each file contains the listing for 1 month of reports.
To be listed on I.B.M. 1401 computer at 8 lines per inch, using special listing program.
Record marks (0-2-8) are used as carriage control.

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-I ☐ ALGOL ☐ COBOL ☐ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER A.J. Good 714-453-2820
ADDRESS Bu. Commercial Fisheries, La Jolla, Ca. 92037

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☒ BCD ☐ BINARY ☐ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☒ SEVEN ☐ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☐ 1600 BPI ☒ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK ☐ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)

R 356

12. PHYSICAL BLOCK LENGTH IN BYTES
variable length

13. LENGTH OF BYTES IN BITS
6 bits per character.

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File #1					Jan. 1970
2					Feb. 1970
3					Mar. 1970
4					Apr. 1970
5					May 1970
6					June 1970

RECORD FORMAT DESCRIPTION

RECORD NAME: _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

70-0806

1 June 1970

Mrs. Carmen R. Johnson
Physical Oceanographer
Search and Acquisition Branch
National Oceanographic Data Center
Washington, D. C. 20390

Dear Mrs. Johnson,

One package containing four boxes of punched IBM cards is being forwarded to you via Fleet Weather Central, Pearl Harbor Hawaii. These cards contain the temperature and sound velocity versus depth data at depth increments of two meters to 1500m depth and below that at 10m intervals. The data were obtained by the scientific party aboard USS MARYSVILLE (PCER 857) during the cruise in support of PARKA II-A operations 15 November through 5 December, 1970. Office of Naval Research Contract N00014-67-A-0387-0004A, Code 102-0S, supported this work.

The cards are in the same format as explained in my letter to you dated 24 October, 1969. The explanatory enclosures I, II and III of that letter are included as enclosures to this letter for easy reference. I have also added an enclosure IV to this letter to explain in detail how the depth corresponding to any set of values of temperature and sound velocity is determined readily from the cards.

A copy of this letter with its enclosures is included with the data under separate cover. A print-out or listing of the data appearing on the cards for three stations is enclosed with the cards. If this print-out is compared with enclosure IV, the manner in which the data are recorded should be evident.

Should any questions arise please do not hesitate to communicate with me.

Please place me on your mailing list for appropriate NODC information or instructions which will permit me to better coordinate my routine data reports with your requirements.

Sincerely,

R. C. Latham
Research Oceanographer

RCL/ka

Enclosures: I - IV
cc with box of data w/enc.

```
1        10        20        30        40        50        60        70        80
 SVP STATION HAWAII UNIV. PARK020     180 DATA-CARDS          SHIP MARYSVILLE   69
PARK020 POSITION 27-34.4N, 157-38.2W  TIME 31 JUL 69 1144 DEPTH OF STATION 2980M
PARK02031JUL691144273 44N157382W    1010272217240687 0205    MARYSVILLE 69   10140
PARK020   1 24840 53440  24840 53440  24840 53440  24840 53440  24840 53440    4

PARK020 180  1518 50539   1516 50556   1512 50572   1507 50587      0     0 246
```

Depth = 0.0 m
Temp. = 24.840 °C
S.V. = 1534.40 m/s

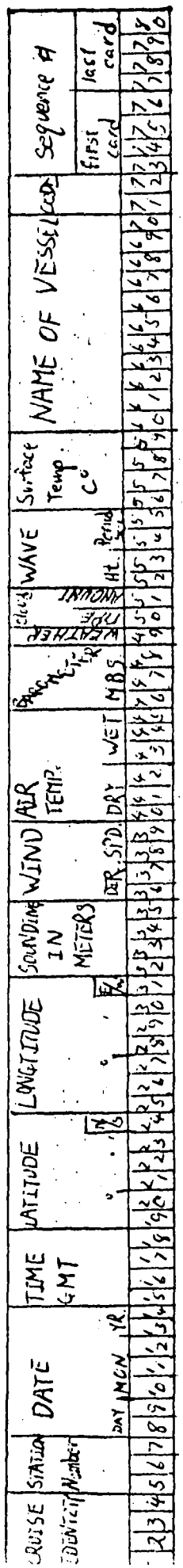
Depth = 2960 m
Temp. = 01.516 °C
S.V. = 1505.56 m/s

Depth = 08 m
Temp. = 24.840 °C
S.V. = 1534.40 m/s

Enclosure I
page 1 of 8

Enclosure I
page 2

STANDARD MASTER CARD



Explanation:

column no.

1- 4 cruise name is PARK(PARKA)

5- 7 separate numbering for XBT & NUS stations

8-14 date when station was taken

15-18 time(GMT) when station was taken

19-23 latitude in degree and 1/10 minute

24 North

25-30 longtitude in degree and 1/10 minute

31 West

32-35 bathymetric reading in meters

36 -37 ref. WMO Code 0877 & 0885

38-39 speed in knots

40-42 temperature in degrees Centigrade(dry bulb)

43-45 temperature in degrees Centigrade(wet bulb)

46-48 pressure in millibars of Mercury

4 9 ref. WMO Code 4501

50 ref. WMO Code 0500

51 ref. WMO Code 2700

52-53 height in meters

54-55 ref. WMO Code 3155

56-59 Temperature in degrees Centigrade

60-70 Ship's name

71-72 Code 68 is for XBT Stations and 69 for NUS

73-80 not important, can be disregarded

ENCLOSURE II

Enclosure I is a sample printout of the first four cards of a SVP(NUS) station, and the last card of that station. All of the stations start with three lead cards. The first two lead cards are information cards which punch out the essential data encoded in the third card. For example, the first card tells us that the station is a SVP station (col. 2-4) during a PARKA cruise (col. 27-30) and that there are 180 data cards for that station (col. 39-41) and that it was taken on the ship MARYSVILLE (col. 60-75), and column 79-80 is a code designating a NUS station. The second card tells us that this is the 20th NUS station of that cruise located at the given position and at the given date and time (GMT) and that the records go down to 2980 meters.

The third lead card is called the master card. Here, all relevant information concerning the station are coded. Page two of enclosure I gives the format and explanation for this master card.

Following these three cards are the data cards. Each data card is identified by a cruise name and station number (col. 1-4, 5-7) and is consecutively numbered (col. 9-11). Note that the number of the last data card is the same as the number punched on the first lead card (col. 39-41). Note also that there are five sets of data on each card, each set containing a temperature reading to 1/1000th of a degree Centigrade and a sound velocity reading to 1/100th of a meter per second. It's important to note that the sound velocity reading is 1000 m/sec. less than the actual value. The format for the data cards in Fortran is (A4, I3, 1X, I3, 5(F7.3, F6.2)). To find the corresponding depth for each set of data, use the equation:

Depth m = (ncard - 1) * 10) + ((n set - 1) * 2) [n card less than 151]

Depth m = 1500 + ((n card - 151) * 50) + ((n set - 1) * 10) [n card greater than 150]

Where Depth m is depth in meters, n card is the card number, and n set is the set number.

1 June 1970

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Sincerely,

R. C. Latham
Research Oceanographer

RCL/ka

Enclosures: I - IV
cc with box of data w/enc.

2020 Correa Road · Honolulu, Hawaii 96822 / Cable Address: UNIHAW

NATIONAL OCEANOGRAPHIC DATA CENTER
WASHINGTON, D. C. 20390

1 June 1970

Code 2122-CBS/ehr
July 13, 1970

AIRMAIL

Mr. R. C. Latham
Hawaii Institute of Geophysics
2525 Correa Road
Honolulu, Hawaii 96822

Dear Mr. Latham:

We have examined a portion of the Parka II-A temperature-sound velocity data. The explanation sheets enclosed with your letter to Mrs. Carmen Johnson are very lucid and we do not foresee any problems in format.

Enclosed are two copies of our Data Documentation Form (DDF). Will you kindly fill one out (especially Section A) and return it so it becomes a permanent part of the data set. The second one can be used for a future shipment.

The DDF and/or other documentation will accompany data shipments to our requesters so that they may better understand what they are receiving and what person they can contact for further information.

If I can be of service, please let me know.

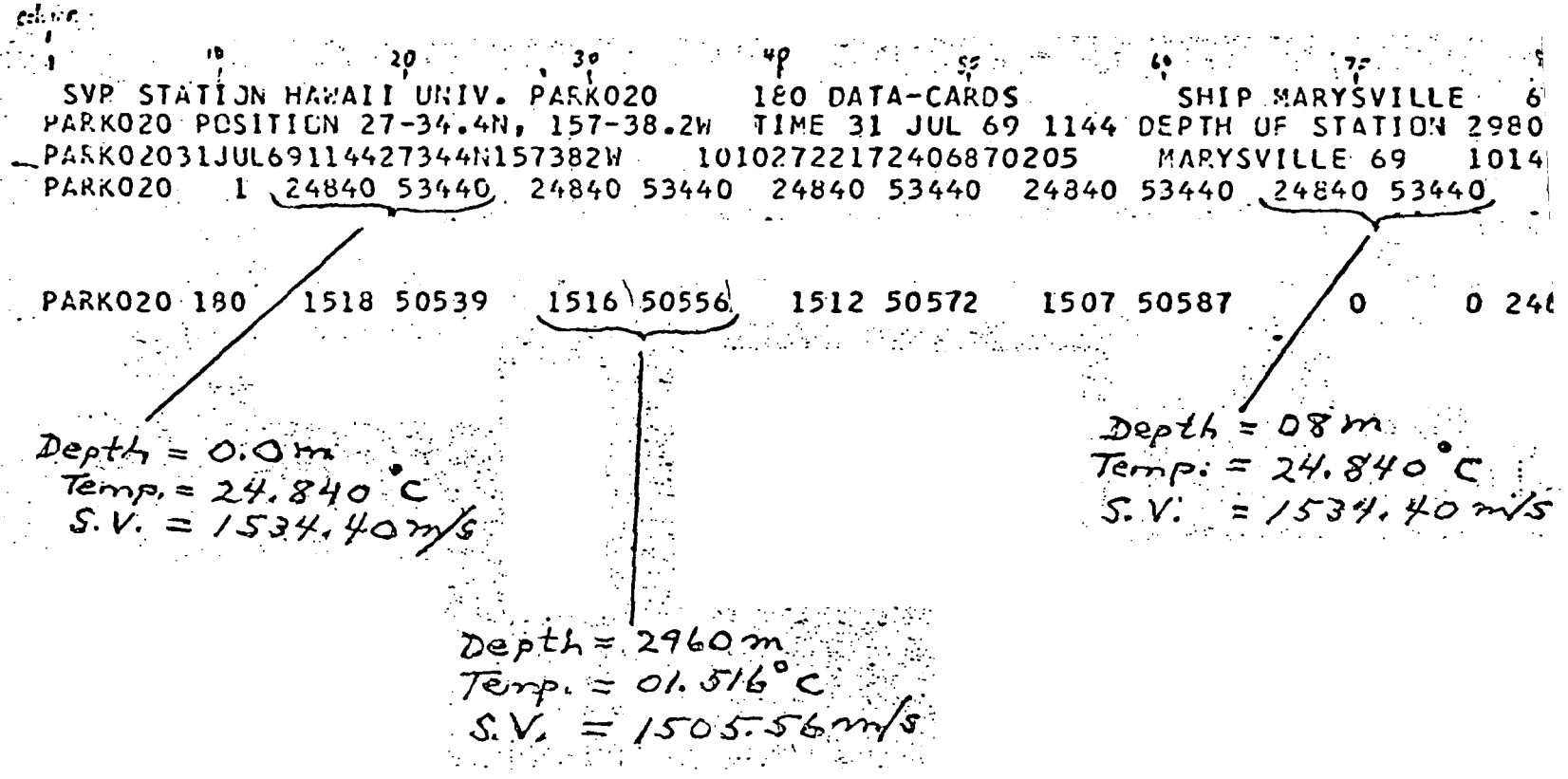
Sincerely yours,

RICHARD G. KUHN
Head
Physical/Chemical Section

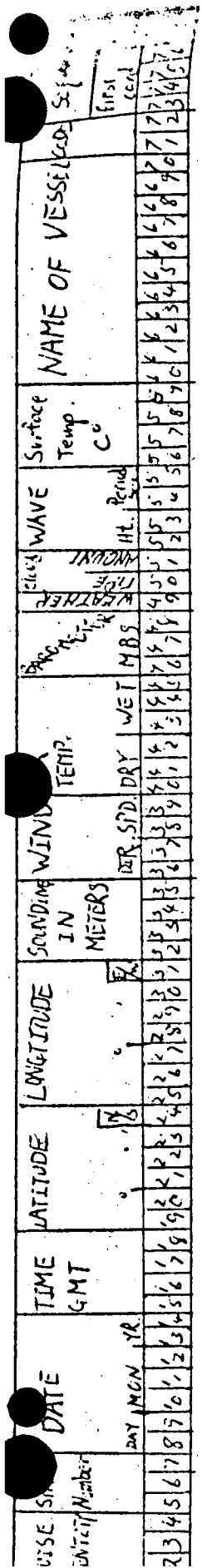
Enclosures

R. C. Latham
Research Oceanographer

Internal copy:
C. Johnson, Code 2110


1 10 20 30 40 50 60 70
SVP STATION HAWAII UNIV. PARK020 180 DATA-CARDS SHIP MARYSVILLE 6
PARK020 POSITION 27-34.4N, 157-38.2W TIME 31 JUL 69 1144 DEPTH OF STATION 2980
PARK02031JUL691144273 44N157382W 1010272217240687 0205 MARYSVILLE 69 1014
PARK020 1 24840 53440 24840 53440 24840 53440 24840 53440 24840 53440
PARK020 180 1518 50539 1516 50556 1512 50572 1507 50587 0 0 24
Depth = 0.0 m
Temp. = 24.840 °C
S.V. = 1534.40 m/s
Depth = 296.0 m
Temp. = 01.516 °C
S.V. = 1505.56 m/s
Depth = 0.8 m
Temp. = 24.840 °C
S.V. = 1534.40 m/s

STANDARD MASTER CARD



Explanation:

column no.

1- 4 cruise name is PARK(PARKA)

5- 7 separate numbering for XBT & NUS stations

8-14 date when station was taken

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25-30 longtitude in degree and 1/10 minute

31 West

32-35 bathymetric reading in meters

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38-39 speed in knots

40-42 temperature in degrees Centigrade(dry bulb

43-45 temperature in degrees Centigrade(wet bulb

46-48 pressure in millibars of Mercury

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50 ref. WMO Code 0500

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52-53 height in meters

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56-59 Temperature in degrees Centigrade

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Depth m = (ncard - 1) * 10) + ((n set - 1) * 2) [n card less than 151]

Depth m = 1500 + ((n card - 151) * 50) + ((n set - 1) * 10) [n card greater than 150]

Where Depth m is depth in meters, n card is the card number, and n set is the set number.

ENCLOSURE III

The following is a listing of the data as placed in the various boxes of data cards. Position for each station is given on the second card of the set for that station.

Box Number	Ship	Cruise by Month	Cruise # (First Digit) and Station No. (Last 2 Digits)	Station Numbers
1	MAHI	19 Feb. '69 through	Park 510	10-2, 5F*
2	MAHI	28 Feb. '69	etc.	6F-8F, 10F
	MAHI	22 March '69	Park 601	1-7
3	MAHI	March '69	to 617	8-17, 1R-2R*
4	MAHI	March '69 through	Park 601	3R-12R
5	MAHI	28 March '69	to 616	13R-16R
	MAHI	18 April '69	Park 701	1-7(part 1)
6	MAHI	April '69	to	7(part 2)-17
7	MAHI	April '69 through		18-29(no 28)
8	MAHI	25 April '69	Park 735	29-35
	USS MARYSVILLE	23 July '69	Park 001	1-4
9	USS MARYSVILLE	July '69	to	5-14
10	USS MARYSVILLE	July '69 through 1 Aug. '69	Park 022	15-22
			Total number of stations	

*Note: "F" stations are stations taken from an upcast and "R" stations are return trip, repeat stations.

Enclosure IV
Hawaii Institute of Geophysics
University of Hawaii

Computation of depth to correspond with the pair or set of values for temperature and sound velocity appearing at any place upon any card.

Note that there are five sets of values on each card. For cards numbered 1-150 the depth increment is two meters. For cards numbered 151-end card the depth increment is 10 meters.

Card number 1 thus gives values for 0, 2, 4, 6 and 8 meters depth. Card number 2 gives values for 10, 12, 14, 16 and 18 meters depth. Card number 150 gives values for 1490, 1492, 1494, 1496 and 1498 meters of depth. Card number 151 gives values for 1500, 1510, 1520, 1530 and 1540 meters depth. Card number 152 gives values for 1550, 1560, 1570, 1580 and 1590 meters depth, etc.

Each card is numbered and referred to as ncard.

Each of the five sets of temperature and sound velocity which appear on each card is referred to as nset. Note that nset will never have a value greater than 5.

For depths where ncard is less than 151: (1)
Depth m = (ncard-1)*10 + ((nset-1)*2

For depths where ncard is greater than 150: (2)
Depth m = 1500 + ((ncard-151)*50) + ((nset-1)*10)

Example:
Card 200 reads as follows:
Park 001 200 1470 52247 1470 52260 50 0.....etc.

ncard=200, nset=2, other sets are missing, from formula (2):

1500+((200-151)*50)+((2-1)*10)=
1500+(49*50)+(1*10)=
1500+2450+10=
3960m

The final set of readings on this particular station, which is the maximum depth reached,are:

Depth	Temperature	Sound Velocity
3960m	01.470°C	1522.47m/s

The values for temperature are given in $^{o}C * 10^{-3}$.

The values for sound velocity are given in $m/s * 10^{-2}$.

ENCLOSURE III

The following is a listing of the data as placed in the various boxes of data cards. Position for each station is given on the second card of the set for that station.

Box Number	Ship	Cruise by Month	Cruise # (First Digit) and Station No. (Last 2 Digits)	Station Numbers	Number of Stations
1	MAHI	19 Feb. '69 through	Park 510	10-2, 5F*	14
2	MAHI	28 Feb. '69	etc.	6F-8F, 10F	
	MAHI	22 March '69	Park 601	1-7	33
3	MAHI	March '69	to 617	8-17, 1R-2R*	
4	MAHI	March '69 through	Park 601	3R-12R	
5	MAHI	28 March '69	to 616	13R-16R	
	MAHI	18 April '69	Park 701	1-7(part 1)	34
6	MAHI	April '69	to	7(part 2)-17	
7	MAHI	April '69 through		18-29(no 28)	
8	MAHI	25 April '69	Park 735	29-35	
	USS MARYSVILLE	23 July '69	Park 001	1-4	22
9	USS MARYSVILLE	July '69	to	5-14	
10	USS MARYSVILLE	July '69 through 1 Aug. '69	Park 022	15-22	
			Total number of stations		103

*Note: "F" stations are stations taken from an upcast and "R" stations are return trip, repeat stations.

Enclosure IV
Hawaii Institute of Geophysics
University of Hawaii

Computation of depth to correspond with the pair or set of values for temperature and sound velocity appearing at any place upon any card.

Note that there are five sets of values on each card. For cards numbered 1-150 the depth increment is two meters. For cards numbered 151-end card the depth increment is 10 meters.

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1500+2450+10=
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Depth	Temperature	Sound Velocity
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The values for temperature are given in $^{o}C * 10^{-3}$.

The values for sound velocity are given in $m/s * 10^{-2}$.

```
.accessionNo referenceNo fileAlias project institute platform
        platformType
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        obsOut      recordCnt   medium wdc levelCode
        exchange
        catId     platId
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               Jan  1 1970 12:00AM        Jun 30 1970 12:00AM             3
                  3       94063 09     NULL 1
        E130 SEA SURFACE TEMPERATURE
            13685      2698

(1 row affected)
1>
```

70-0912

TRANSMITTAL AND RECEIPT RECORD
NDW-NODC-4610/4 (Rev. 7-67)

NATIONAL OCEANOGRAPHIC DATA CENTER
WASHINGTON 25, D.C.
(Please sign and return copy acknowledging receipt)

National Oceanographic Data Center Navy Yard Annex, Bldg. 160 Washington, D. C. 20390	REFER TO ATTENTION Record Section

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☐ ORDINARY MAIL ☐ REGISTERED MAIL ☒ AIR MAIL ☐ EXPRESS ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER _____

1 - Magnetic tape (NODC R 356)

1 - Data Documentation Form

1 - List Program (Punch Cards)

NOTE: It is my understanding that similar tapes have been sent to NODC in the past by Dr. Glenn Flittner. I am interested in knowing how these tapes (data) are being utilized.

PLEASE ADDRESS REPLY:
% U.S. BUREAU OF COMMERCIAL FISHERIES
P. O. BOX 271, LA JOLLA, CALIF. 92037

FORWARDED BY (Signature)	TITLE	DATE FORWARDED
Nelson C. Ross, Jr.	NODC Pac Liaison Officer	August 27, 1970
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

GPO 929-527

70-0912

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GPO 929-527

Unique No.: 195228 Date of Entry: 11/20/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 7000912 Reference No.: L01093
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape

Exchange Format: E130 - Sea Surface Temperature

Processing Format: L111 - Level 1, No Active QA Processing

* Note * If data is F022, create an additional record for C022.

Country/Institute Code: 31A2 Country/Platform Code: 3199

Platform Type (DINDB): 09 - Ship Orig. Cruise ID:

Cruise Start Date: 01/01/70 Project Code:

Cruise End Date: 06/30/70 Data Use Code (DUC): 3

Number of Stations: Number of Records: 94,063

RL 95

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: Meaning:
Code 2: Meaning:
Code 3: Meaning:

DINDB Transaction Date:

L111

ACCESSION NO. 7000912 FILETYPE LD1093 TRACK NO. _____ PROJECT IDENTIFICATION _____

Bureau Commercial Fisheries – E. Pacific SST

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	12/7/90	MEC	A01320	3	95	4000	~94,063
DUPLICATE TAPE	"	"	W07098	"	"	"	"
REFORMATTED TAPE							
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)