

DATA DOCUMENTATION FORM

A00390

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

328664-328666 C100 318815-318816 C100

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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

328666-NH

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

University of California, San Diego
Scripps Institution of Oceanography
Marine Life Research Group, A-030
La Jolla, CA 92093

328664 - NH
318815 JORDAN
328665 - NH

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

1985 California Cooperative Oceanic Fisheries Investigations (CalCOFI)
FRONTS Cruise - Leg II

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

8502, 8505, 8508, 8511
318816 MCARTHUR

4. PLATFORM NAME(S)

New Horizon
David Starr Jordan
McArthur

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

SHIP

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
Horizon	SIO	07/01/85	11/14/85
Jordan	NMFS/SWFC1	04/29/85	05/18/85
McArthur	NOAA	02/19/85	03/05/85

7. DATES

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)? (I.E., 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)

Sarilee Anderson
(619) 534-2057

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

GENERAL AREA

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**

master card record1 - 1 in col. 80
 master card record2 - 2 in col. 80
 observed depth information - 3 in col. 80

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Tape contains 5 files

File 1 - 8511
 2 - 8508
 3 - 8505
 4 - 8502
 5 - Fronts Cruise Leg II

3. ATTRIBUTES AS EXPRESSED IN

PL-1 ALGOL COBOL
 FORTRAN _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____
 ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____ </p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p> <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____ </p>	<p>10. END OF FILE MARK</p> <p> <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____ </p>
<p>7. PARITY</p> <p> <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN </p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>University of California, San Diego Scripps Institution of Oceanography Physical & Chemical Data Report SIO Ref. 85-14 SIO Ref. 86-6 SIO Ref. 86-23</p>
<p>8. DENSITY</p> <p> <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____ </p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">3200</p>
	<p>13. LENGTH OF BYTES IN BITS</p>

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
Temperature	°C	Deep-sea reversing thermometers	N/A	N/A
Salinity	none	Nansen bottles	Inductive salinometers	N/A
Oxygen	ml/l	" "	Winkler titration	"
Phosphate	µm/l	" "	Auto-analyzer	"
Silicate	"	" "	" "	"
Nitrite	"	" "	" "	"
Nitrate	"	" "	" "	"

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
STANDARD NODC SD2 FORMAT.				SEE ENCLOSURE FOR PARAMETERS WRITTEN OF TAPE.	

INVENTORY
Record 2510 on screen
170138

Record found

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

SJH

7 OF ENTRY: 11/13/87

REFERENCE NUMBER: 328664 ACCESSION NUMBER: 8700010
FORMER REFERENCE NUMBER: FORMER ACCESSION NUMBER: (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E003 - Ocean Station Data (SD2-112 Byte)
PROCESSING (FORMAT): C100 - Ocean Station Data (SD2 Format)

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

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3101
PLATFORM (COUNTRY AND PLATFORM CODES): 32NM
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: 8511
CRUISE START DATE: 11/01/85 CRUISE END DATE: 11/14/85 Press PgDn
PROJECT CODE: 0033 DATA USE CODE (DUC): 3 to continue

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS: 75 NUMBER OF RECORDS: 1,254

If STA/REC counts are not appropriate then enter -

NUMBER: UNITS:
AVERAGE REC SIZE: 112 MBYTES: 0.140448

OCEAN AREA

CODE 1: MEANING:
CODE 2: MEANING:
CODE 3: MEANING:

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY
Record 2511 on screen:
170139

Record found

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

SJH

DATE OF ENTRY: 11/13/87

REFERENCE NUMBER: 328665 ACCESSION NUMBER: 8700010
FORMER REFERENCE NUMBER: FORMER ACCESSION NUMBER: (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E003 - Ocean Station Data (SD2-112 Byte)
PROCESSING (FORMAT): C100 - Ocean Station Data (SD2 Format)

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

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3101
PLATFORM (COUNTRY AND PLATFORM CODES): 32NM
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: 8508
CRUISE START DATE: 07/13/85 CRUISE END DATE: 07/22/85 Press PgDn
PROJECT CODE: 0033 DATA USE CODE (DUC): 3 to continue
F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS: 49 NUMBER OF RECORDS: 1,009

If STA/REC counts are not appropriate then enter -

NUMBER: UNITS:

AVERAGE REC SIZE: 112 MBYTES: 0.113008

OCEAN AREA

CODE 1: MEANING:
CODE 2: MEANING:
CODE 3: MEANING:

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

Record found

Record 2512 on screen
170140

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

SJH

DATE OF ENTRY: 11/13/87

REFERENCE NUMBER: 328666

ACCESSION NUMBER: 8700010

FORMER REFERENCE NUMBER:

FORMER ACCESSION NUMBER:

(RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape

DINDB CODE 09

EXCHANGE (FORMAT): E003 - Ocean Station Data (SD2-112 Byte)

PROCESSING (FORMAT): C100 - Ocean Station Data (SD2 Format)

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

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3101

PLATFORM (COUNTRY AND PLATFORM CODES): 32NM

PLATFORM TYPE: 9 - Ship

DINDB CODE 09

ORIGINATORS FILE ID:

ORIGINATORS CRUISE ID: 8508

CRUISE START DATE: 08/09/85

CRUISE END DATE: 08/22/85

Press PgDn

PROJECT CODE: 0033

DATA USE CODE (DUC): 3

to continue

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS: 82

NUMBER OF RECORDS: 1,127

If STA/REC counts are not appropriate then enter -

NUMBER:

UNITS:

AVERAGE REC SIZE: 112

MBYTES:

0.126224

OCEAN AREA

CODE 1:

MEANING:

CODE 2:

MEANING:

CODE 3:

MEANING:

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY
Record 2513 on screen
170141

Record found

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

SJH

DATE OF ENTRY: 11/13/87

REFERENCE NUMBER: 318815 ACCESSION NUMBER: 8700010
FORMER REFERENCE NUMBER: FORMER ACCESSION NUMBER: (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E003 - Ocean Station Data (SD2-112 Byte)
PROCESSING (FORMAT): C100 - Ocean Station Data (SD2 Format)

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

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3101
PLATFORM (COUNTRY AND PLATFORM CODES): 31JD
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: 8505
CRUISE START DATE: 05/01/85 CRUISE END DATE: 05/18/85 Press PgDn
PROJECT CODE: 0033 DATA USE CODE (DUC): 3 to continue
F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS: 54 NUMBER OF RECORDS: 903

If STA/REC counts are not appropriate then enter -

NUMBER: UNITS:

AVERAGE REC SIZE: 112 MBYTES: 0.101136

OCEAN AREA

CODE 1: MEANING:
CODE 2: MEANING:
CODE 3: MEANING:

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY
Record 2514 on screen
170142

Record found

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

SJH

OF ENTRY: 11/13/87

REFERENCE NUMBER: 318816 ACCESSION NUMBER: 8700010
FORMER REFERENCE NUMBER: FORMER ACCESSION NUMBER: (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E003 - Ocean Station Data (SD2-112 Byte)
PROCESSING (FORMAT): C100 - Ocean Station Data (SD2 Format)

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

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3101
PLATFORM (COUNTRY AND PLATFORM CODES): 31M4
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: 8502
CRUISE START DATE: 02/19/85 CRUISE END DATE: 03/05/85 Press PgDn
PROJECT CODE: 0033 DATA USE CODE (DUC): 3 to continue
F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS: 67 NUMBER OF RECORDS: 1,361

If STA/REC counts are not appropriate then enter -

NUMBER: UNITS:
AVERAGE REC SIZE: 112 MBYTES: 0.152432

OCEAN AREA

CODE 1: MEANING:
CODE 2: MEANING:
CODE 3: MEANING:

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

ACCESSION ... 8700010

FILETYPE C100

TRACK NO. _____

PROJECT IDENTIFICATION _____

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	1/13/87	MRL	A00390/	5	80	3200	
DUPLICATE TAPE	1/14/87	MRL	W02528				
REFORMATTED TAPE							
REFORMATTED DISK		RS	DNODC* FRONTOUT.	1	80	422	5,654
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.)

Password:

accNo	fileA	refNo	proj	inst	ship	startDate	cruise	catId
8700010	C100	318815	0033	3101	31JD	1985/05/01	8505	166926
8700010	C100	318816	0033	3101	31M4	1985/02/19	8502	166927
8700010	C100	328664	0033	3101	32NM	1985/11/01	8511	166928
8700010	C100	328665	0033	3101	32NM	1985/07/13	8507	166929
8700010	C100	328666	0033	3101	32NM	1985/08/09	8508	166930

(5 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
8700010	C100	318815	31JD	54	NULL	85/05/01	85/05/18
8700010	C100	318816	31M4	67	1	85/02/19	85/03/05
8700010	C100	328664	32NM	75	75	85/11/01	85/11/14
8700010	C100	328665	32NM	49	49	85/07/13	85/07/22
8700010	C100	328666	32NM	82	82	85/08/09	85/08/22

(5 rows affected)