

Mexico 850548/14

ACCESSION NUMBER

810 4394

DATA DOCUMENTATION FORM

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
D.M.P. No. 41-R-2651
EXPIRES 7-81

(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

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 <i>Universidad Nacional Autonoma de Mexico UNAM Centro de Ciencias del Mar y Limnologia</i>			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>CIKAT I / CIKAT II CIBAC II</i>		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.) <i>ships/Buoys</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <i>Mexico Mexico</i>	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR <i>2/77 09/78</i>
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) <i>Dr Alfredo Laguarda Figueras</i>			

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	‰	Mansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
Water color	Forel scale	STD Bissett-Berman Model 9006 Visual comparison with Forel bottles	N/A	Values averaged over 5-meter intervals
Sediment size	φ units and percent by weight	Ewing corer	N/A Standard sieves. Carbonate fraction removed by acid treatment	N/A 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
<p style="text-align: center;">NOTE:</p> <p>Results of free drifting drogue experiments carried out in the SW gulf of Mexico, during the CIBAC II cruise, June 1978 (precisely 1 year before the IXTOC blow out).</p> <p>The drogues consisted of a 3 X 4 m fabric screen attached to a radio buoy by a 10 m long wire.</p> <p>As no intermediate positions were observed, only the release and recovery points are known.</p> <p>The arrows indicate the average displacement rate in nautical miles per day. Numbers at release (L) and recovery (R) points are day/month hour: minutes.</p>				

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

[Empty box for listing record types and identifying methods]

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

[Empty box for describing file organization]

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</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>	
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>	
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATION OF DATA TYPE, VOLUME NUMBER)</p> <p>_____</p> <p>_____</p> <p>_____</p>	
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>		<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>_____</p>
		<p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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		

1) Records 1-503 data from a Aandera Instrument. There is a omission the record #4 most be:

Lat = 19 08 N Lon = 92 42.4 W fecha inicial 16 Jun.-78
 11 H 50 Min Prof = 14 m Prof. fondo 95 m.

The sequence is:

11 records, title

99 records with the following data; Counter, depth (m), conductivity - (mmhos/cm), Salinity (‰), direction, absolute velocity, - north and east components (cm/seg.).

Format: 7I5, I3, I7, X2, F9.1, F7.2, 2F8.3, F7.1, 3F7.2

7 records title

99 records with data and so on.

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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		

2) Records 504-937 data from Interocean Instrument at the same point as 1) but at 70 m.

The sequence is:

11 records, title.

The remaining records have the following data: (D, V, N, E) graphic of direction, absolute, north and east component of velocity according to scale described in the title (X, means overlapping), counter, time (hours/min), direction, velocity, north and east component (cm/seg). Format 91A1, 14, X 14, ":", 1A, X1, F5.1, X1, 3F5.1

3) Records 938-1211, first part of Interocean Instrument data, same format as 2)

4) Records 1212-2260 second part of Interocean Instrument data, same format as 2)

5) Records 2261-5684 Interocean Instrument data, same format as 2)



Mr. René Cuzon du Rest
Environmental Data and Information
Service NOAA
Washington DC 20235
E.U.A.

Dear René:

In attention to your recent request for current data from the SW gulf of Mexico we have the pleasure to forward here with the following oceanographic material:

- 1 (one) magnetic tape containing
4 short current series from the area; with a sample printout.
- 1 (one) map showing the results of a free drifting drogue experiment in the SW gulf of Mexico.

Reference to data source should be:

Centro de Ciencias del Mar y Limnología, UNAM, México
Operations CILAT-I, February 1977
and CILAT-II, September 1978
Cruise CIBAC-II, June 1978.

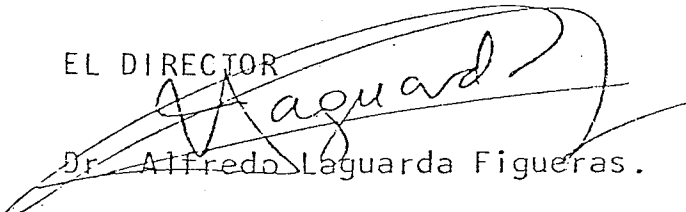
Should you have any doubts concerning these data please do not hesitate to contact us.

With kindest personal regards.

Sincerely yours.

"POR MI RAZA HABLARA EL ESPIRITU"
Ciudad Universitaria, D. F., 24 de febrero de 1981.

EL DIRECTOR


Dr. Alfredo Laguarda Figueras.

c.c.p. Miguel Angel Alatorre M.
Oceanografía Física.

MAG TAPE CHARACTERISTICS

UnLabeled

9 Track

EBCDIC Code

Maxrecsize = 132 bytes

Minrecsize = 0

Blocksize = 2,640 bytes

5684 records

Is a single file mag tape with the following five entries:

- 1) Records 1-503 data from a Aandera Instrument. There is a omission the record #4 most be:

Lat = 19 08 N Lon = 92 42.4 W fecha inicial 16 Jun.-78
11 H 50 Min Prof = 14 m Prof. fondo 95 m.

The sequence is:

11 records, title

99 records with the following data; Counter, depth (m), conductivity -
(mmhos/cm), Salinity (‰), direction, absolute velocity, -
north and east components (cm/seg.).

Format: 7I5, I3, I7, X2, F9.1, F7.2, 2F8.3, F7.1, 3F7.2

7 records title

99 records with data and so on.

- 2) Records 504-937 data from interocean instrument at the same point as 1) but at 70m.

The sequence is:

.11 records, title.

The remaining records have the following data: (D, V, N, E) graphic of direction, absolute, north and east component of velocity according to scale described in the title (X, means overlapping), counter, time (hours/min), direction, velocity, north and east component (cm/seg). Format 91A1, 14, X 14, ":", 1A, X1, F5.1, X1, 3F5.1

- 3) Records 938-1211, first part of Interocean Instrument data, same format as 2)
- 4) Records 1212-2260 second part of Interocean Instrument data, same format as 2)
- 5) Records 2261-5684 Interocean Instrument data, same format as 2)

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 8100479

^{Ref}
~~TRACK~~ NO(s): (none)

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	IHTOC	NL	?	2640	9-TL 1600 BPI EBCDIC	
Duplicate	W07851	SL	?	2640	9-TL 1600 BPI ASCII	
Reformatted						
First User						
Final User						

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECOR
ORIGINATOR TAPE	9/7/83	8130	IXTOC	1	2640	?	
QUADI/SCAN TAPE	9/7/83	8130	W07851	1	2640	?	
ASSIGNED FOR PROCESS.							
DOF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE							
WORK DISK FILE							
FINAL USER TAPE							
FINAL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

Unique No.: 195034

Date of Entry: 10/30/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 8100479 Reference No.: L01049
Former Accession No.: Former Reference No.: (Resub O

Media-In (DINDB): 09 - Digital Magnetic Tape
Exchange Format: E129 - Moored Current Meter Data
Processing Format: L105 - Level 1, No Active QA Processing

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

Country/Institute Code: 5706 Country/Platform Code: 5799
Platform Type (DINDB): 09 - Ship Orig. Cruise ID: CILAT I-
Cruise Start Date: 02/01/77 Project Code:
Cruise End Date: 09/30/78 Data Use Code (DUC): 3

Number of Stations: 11 Number of Records: 5,684

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 26 Meaning: Gulf of Mexico
Code 2: Meaning:
Code 3: Meaning:

DINDB Transaction Date:

Password:

accNo	fileA	refNo	proj	inst	ship	startDate	cruise	catId
8100479	L105	L01049	9999	5706	5799	1977/02/01	CILAT I-	314497

(1 row affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8100479	L105	L01049	5799	11	5684	77/02/01	78/09/30

(1 row affected)

ACCESSION NO. 8100479

FILETYPE L105

TRACK NO. _____

PROJECT IDENTIFICATION _____

Mexican Current Meter Data - Ixtoc area

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	RECORD NO.
ORIG. TAPE	10/29/90	REC	D01408 A01303	1	132	2640	5684
DUPLICATE TAPE			W07851 (SL)	"	"	"	"
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.)