

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

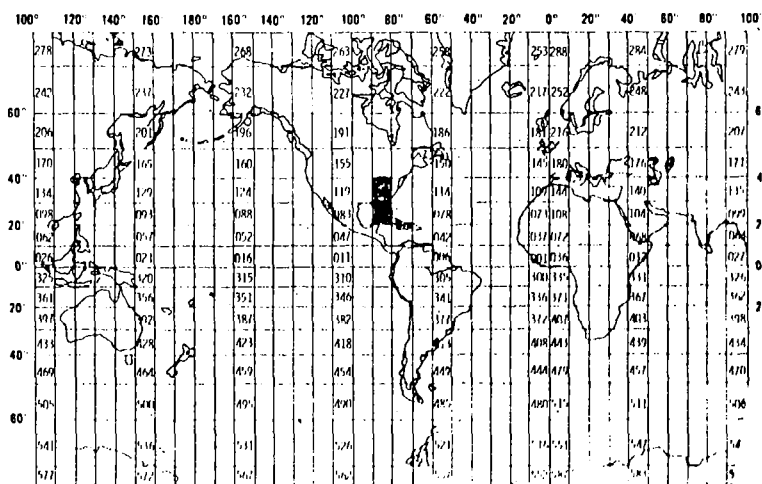
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

FORM APPROVED
O.M.B. No. 41-R2651

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 NATIONAL MARINE FISHERIES SERVICE SOUTHEAST FISHERIES CENTER			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SKYLITZ OCEANIC GARFISH PROJECT		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.) SHIP (FISHING BOAT) (2) (4111)	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 030473 080773
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN 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 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)			

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 (Hytech model S510)	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

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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.

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

EACH RECORD CONTAINS THREE CARDS WHICH ARE 80 CHARACTERS LONG. END OF RECORD IS SHOWN BY AN ASTERISK (*) IN COL 57 OF THE THIRD CARD

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

CONTAINS SKYLAB DATA FROM THE AUG 11-5 1111 position.
Reel #1
1505 physical records, see logical records
Fishing data

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1 ☐ ALGOL ☐ COBOL
☐ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER K.J. SAVASTANO 601-618-4475
ADDRESS AIRFS, BAY ST LOUIS, MISS. 39520

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 <input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input checked="" 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>TAPE 11, 115</p> <p>DATA FROM FISHERIES TRAIL</p> <p>USFWS</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>24</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>4</p>

RECORD FORMAT DESCRIPTION

RECORD NAME

FIELD NAME	15. POSITION FROM -1 MEASURED IN FVT (o.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
CARD ONE					
DATE	1	6	BYTES	CHAR	MONTH, DAY, YEAR OF SAMPLING
BREAK	7	1	"	"	(COMMON-USER TO BREAK EACH FIELD)
MONTH	8	2	"	"	SAMPLING MONTH
BREAK	10	1	"	"	COMMON
DAY	11	2	"	"	SAMPLING DAY
BREAK	13	1	"	"	COMMON
YEAR	14	4	"	"	SAMPLING YEAR
BREAK	18	1	"	"	COMMON
LAT	19	5	"	"	LATITUDE 0 TO 90.00 DEG. N.
BREAK	24	1	"	"	COMMON
LONG	25	6	"	"	LONGITUDE 0 TO 180.00 DEG. W.
BREAK	31	1	"	"	COMMON
SQUARE	32	5	"	"	RECTANGULAR INTO 10-MILE SQUARES 1 TO 54
BREAK	37	1	"	"	COMMON
SUBSQUARE	38	1	"	"	SUBSQUARE CODE A ≤ 1 B ≤ 2 C ≤ 3 D ≤ 4
BREAK	39	1	"	"	COMMON
FISHTIME	40	4	"	"	TOTAL HRS FISHING TIME (LOCAL TIME) 0 TO 2400
BREAK	44	1	"	"	COMMON
START TIME	45	4	"	"	FISHING TIME START (LOCAL TIME) 0 TO 2400
BREAK	49	1	"	"	COMMON
ENDTIME	50	4	"	"	FISHING TIME END (LOCAL TIME) 0 TO 2400
BREAK	54	1	"	"	COMMON
HRS MULLET	55	5	"	"	HOURS USING MULLET AS BAIT 0 TO 99.99
BREAK	59	1	"	"	COMMON
HRS BALLYHOO	60	5	"	"	HOURS USING BALLYHOO AS BAIT 0 TO 99.99
BREAK	64	1	"	"	COMMON
HRS STRIP	65	5	"	"	HOURS USING STRIP BAIT 0 TO 99.99
BREAK	69	1	"	"	COMMON
HRS ARTIFICIAL	70	5	"	"	HOURS USING ARTIFICIAL BAIT 0 TO 99.99
BREAK	74	1	"	"	COMMON
BLANK	75	1	"	"	
		4			

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		
CARD TWO					
HRSOTIR	1	5	BYTES	DATE	HOURS UNDER CHIEF DATE 0 TO 099.99
BREAK	6	1			
* WINDDIRDEG	7	5			WIND DIRECTION DEGREE 0 TO 360.0
BREAK	12	1	"	"	COMMON
BLANK	13	1			
BREAK	14	1			COMMON
* WINDSPEED	15	4			WIND SPEED 0 TO 11.9 Km/Hr.
BREAK	19	1			COMMON
BLANK	20	4			
BREAK	24	1	"	"	COMMON
PRECIP	25	1	"	"	PRECIPITATION 0.005 1 = YES
BREAK	26	1	"	"	COMMON
BOATNAME	27	3	"	"	BOAT NAME CODE 1 TO 106
BREAK	30	1	"	"	COMMON
CAPTNAME	31	3	"	"	BOAT CAPTAIN'S NAME 1 TO 106
BREAK	34	1	"	"	COMMON
BFISHSITD	35	1	"	"	BILLFISH SIGHTED 1 = NO 2 = YES
BREAK	36	1	"	"	COMMON
SIGHT1	37	4	"	"	TIME SIGHTED 1 0 TO 2400
BREAK	41	1	"	"	COMMON
SIGHT2	42	4	"	"	TIME SIGHTED 2 0 TO 2400
BREAK	46	1	"	"	COMMON
REFNUM	47	2	"	"	REFERENCE NUMBER FOR GAME FISH 0 TO 10
BREAK	49	1	"	"	COMMON
GAMEFISHID	50	2	"	"	GAMEFISH ID CODE 0 TO 17
BREAK	52	1	"	"	COMMON
NUMGFSCGHT	53	2	"	"	NUMBER OF GAMEFISH CAUGHT 0 TO 99
BREAK	55	1	"	"	COMMON
GAMEFISHIDNO	56	4	"	"	GAMEFISH ID NUMBER 0 TO 9999
BREAK	60	1	"	"	COMMON
TIMEGFSCHRSD	61	4	"	"	TIME GAME FISH RAISED 0 TO 2400
BREAK	65	1	"	"	COMMON
TIMEGFSHHRD	66	4	"	"	TIME GAME FISH HOOKED 0 TO 2400
BREAK	70	1	"	"	COMMON
TIMEGFSLST	71	4	"	"	TIME GAME FISH LOST 0 TO 2400
BREAK	75	1	"	"	COMMON
BLANK	76	4			

RECORD FORMAT DESCRIPTION

RECORD NAME _____

FIELD NAME	15. POSITION FROM - 1 MEASURED IN (0-9, bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
CARD THREE					
TIME FISH BOATD	1	4	BYTES	CHAR	TIME GAME FISH BOATED 0 TO 2400 COMMA
BREAK	5	1	"	"	
BAIT	6	1	"	"	BAIT USED: 1: MULLET 2: BALLYHOG 3: STRIP 4: ARTIFICIAL 5: NEEDLE FISH 6: TENSER 7: CIGAR MINNOW COMMA
BREAK	7	1	"	"	
WATERCOLOR	8	1	"	"	WATERCOLOR 1: GREEN 2: BLUE 3: DIRTY 4: OTHER 5: BLUE GREEN COMMA
BREAK	9	1	"	"	
SEX	10	1	"	"	SEX 1: MALE 2: FEMALE 3: UNDETERMINED COMMA
BREAK	11	1	"	"	
GIRTH	12	5	"	"	GIRTH 0 TO 999.9 in cm COMMA
BREAK	17	1	"	"	
LENGTHJ-F	18	5	"	"	LENGTH - LOWER JAW TO FORK 0 TO 999.9 in cm COMMA
BREAK	23	1	"	"	
LENGTHO-F	24	5	"	"	LENGTH - ORBIT TO FORK 0 TO 999.9 in cm COMMA
BREAK	29	1	"	"	
WEIGHT	30	6	"	"	WEIGHT IN KG 0 TO 999.99 COMMA
BREAK	36	1	"	"	
NUMRAISED	37	2	"	"	NUMBER OF FISH RAISED 0 TO 10 COMMA
BREAK	39	1	"	"	
NUMHOOKED	40	2	"	"	NUMBER OF FISH HOOKED 0 TO 10 COMMA
BREAK	49	1	"	"	
NUMLOST	43	2	"	"	NUMBER FISH LOST 0 TO 10 COMMA
BREAK	46	1	"	"	
NUMBOATD	46	2	"	"	NUMBER FISH BOATED 0 TO 10 COMMA
BREAK	48	1	"	"	
NUMCAUGHT	49	2	"	"	NUMBER FISH CAUGHT 0 TO 10 COMMA
BREAK	51	1	"	"	
SOURCE	52	1	"	"	DATA SOURCE 1: ERL 2: NMFS COMMA
BREAK	53	1	"	"	
NUMLINES	54	1	"	"	NUMBER OF LINES 0 TO 1

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., blks, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
CARD THREE					
BREAK	55	1	BYTES	CHAR	COMMA
WATERTYPE	56	1			WATERTYPE 1: RIP 2: OPEN 3: GROSS LINE 11: DEBRIS/OPEN
ENDREC	57				RECORD TERMINATOR (*)

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE, MTF
Bay Saint Louis, Mississippi 39520

January 25, 1974


74-0447

Mr. Wellington Waters
National Oceanographic Data Center
NOAA Environmental Data Service
Rockville, Maryland 20852

Dear Mr. Waters:

Per our telecon of January 25, the enclosed Skylab documents should answer most of your questions. The actual tapes and format for same will be mailed at a later date.

Sincerely,


P. C. Cook, Chief
Evaluation Group



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE, MTF
Bay St. Louis, Mississippi 39520

April 10, 1974

Mr. Wellington Waters
NOAA/NODC
Environmental Data Service
Rockville, Maryland 20852

Dear Wellington:

I have mailed two more tapes containing Skylab data from the August 4 and 5 field operation. Reel #1 contains 1545 physical records or 515 logical records of NMFS resource data. Reel #2 contains 558 physical records or 186 logical records of oceanographic data. Each physical record contains 84 characters with data located in characters 1-80 and blanks in 81-84. The BCD data on the tapes are recorded in even parity at 800 bpi.

I have also attached a listing of the descriptor file and a partial dump of each tape. If further information is needed, please contact me.

Sincerely,

K. J. Savastano

Phone # 601-688-4475



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National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE, MTF
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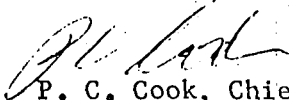
February 8, 1974

Mr. Wellington Waters
National Oceanographic Data Center
NOAA Environmental Data Service
Rockville, Maryland 20852

Dear Mr. Waters:

Enclosed are the data which you requested. If you have any questions regarding the data values or tape format please contact Ken Savastano at AC 601-688-4475.

Sincerely,


P. C. Cook, Chief
Evaluation Group

Enclosures

Tapes 19820 and 26009
Tape Format Description
Listings

The following information contains the physical format description for tapes #19820 and #26009.

Tape type:	7 track
Recording mode:	U1108 Field Data
Parity:	ODD
Record size:	Physical tape records are 80 characters in length. Logical records are comprised of 3 successive physical records. Logical records can be input via a Fortran read specification of (3*(80A1)).
Data Fields:	Variable fields are operated by commas within the logical record.
Field Description:	At the beginning of each of the attached listings is a file dictionary which gives a description of each parameter and also gives the alpha description on coded parameters.
Data Content:	(a) Reel #19820 contains 186 logical records of oceanographic data. (b) Reel #26009 contains 515 logical records of fisheries oceanic gamefish data.



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National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE, MTF
Bay Saint Louis, Mississippi 39520

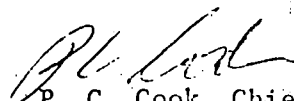
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Data Content: (a) Reel #19820 contains 186 logical records of oceanographic data.

(b) Reel #26009 contains 515 logical records of fisheries oceanic gamefish data.

11: 500
3:

⑦ 60 - 67

70 '8'

71 '9'

56 = '9'

11 06

11 07

10 - 'J' 17



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I have also attached a listing of the descriptor file and a partial dump of each tape. If further information is needed, please contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "K. J. Savastano".

K. J. Savastano

PER-1
60 61 62

Species Name	A1c	A1d	A1e	A1f	A1g	A1h	A1i	A1j	A1k	A1l	A1m	A1n	A1o	A1p	A1q	A1r	A1s	A1t	A1u	A1v	A1w	A1x	A1y	A1z	A1aa	A1ab	A1ac	A1ad	A1ae	A1af	A1ag	A1ah	A1ai	A1aj	A1ak	A1al	A1am	A1an	A1ao	A1ap	A1aq	A1ar	A1as	A1at	A1au	A1av	A1aw	A1ax	A1ay	A1az	A1ba	A1bb	A1bc	A1bd	A1be	A1bf	A1bg	A1bh	A1bi	A1bj	A1bk	A1bl	A1bm	A1bn	A1bo	A1bp	A1bq	A1br	A1bs	A1bt	A1bu	A1bv	A1bw	A1bx	A1by	A1bz	A1ca	A1cb	A1cc	A1cd	A1ce	A1cf	A1cg	A1ch	A1ci	A1cj	A1ck	A1cl	A1cm	A1cn	A1co	A1cp	A1cq	A1cr	A1cs	A1ct	A1cu	A1cv	A1cw	A1cx	A1cy	A1cz	A1da	A1db	A1dc	A1dd	A1de	A1df	A1dg	A1dh	A1di	A1dj	A1dk	A1dl	A1dm	A1dn	A1do	A1dp	A1dq	A1dr	A1ds	A1dt	A1du	A1dv	A1dw	A1dx	A1dy	A1dz	A1ea	A1eb	A1ec	A1ed	A1ee	A1ef	A1eg	A1eh	A1ei	A1ej	A1ek	A1el	A1em	A1en	A1eo	A1ep	A1eq	A1er	A1es	A1et	A1eu	A1ev	A1ew	A1ex	A1ey	A1ez	A1fa	A1fb	A1fc	A1fd	A1fe	A1ff	A1fg	A1fh	A1fi	A1fj	A1fk	A1fl	A1fm	A1fn	A1fo	A1fp	A1fq	A1fr	A1fs	A1ft	A1fu	A1fv	A1fw	A1fx	A1fy	A1fz	A1ga	A1gb	A1gc	A1gd	A1ge	A1gf	A1gg	A1gh	A1gi	A1gj	A1gk	A1gl	A1gm	A1gn	A1go	A1gp	A1gq	A1gr	A1gs	A1gt	A1gu	A1gv	A1gw	A1gx	A1gy	A1gz	A1ha	A1hb	A1hc	A1hd	A1he	A1hf	A1hg	A1hi	A1hj	A1hk	A1hl	A1hm	A1hn	A1ho	A1hp	A1hq	A1hr	A1hs	A1ht	A1hu	A1hv	A1hw	A1hx	A1hy	A1hz	A1ia	A1ib	A1ic	A1id	A1ie	A1if	A1ig	A1ih	A1ii	A1ij	A1ik	A1il	A1im	A1in	A1io	A1ip	A1iq	A1ir	A1is	A1it	A1iu	A1iv	A1iw	A1ix	A1iy	A1iz	A1ja	A1jb	A1jc	A1jd	A1je	A1jf	A1jg	A1jh	A1ji	A1jj	A1jk	A1jl	A1jm	A1jn	A1jo	A1jp	A1jq	A1jr	A1js	A1jt	A1ju	A1jv	A1jw	A1jx	A1jy	A1jz	A1ka	A1kb	A1kc	A1kd	A1ke	A1kf	A1kg	A1kh	A1ki	A1kj	A1kk	A1kl	A1km	A1kn	A1ko	A1kp	A1kq	A1kr	A1ks	A1kt	A1ku	A1kv	A1kw	A1kx	A1ky	A1kz	A1la	A1lb	A1lc	A1ld	A1le	A1lf	A1lg	A1lh	A1li	A1lj	A1lk	A1ll	A1lm	A1ln	A1lo	A1lp	A1lq	A1lr	A1ls	A1lt	A1lu	A1lv	A1lw	A1lx	A1ly	A1lz	A1ma	A1mb	A1mc	A1md	A1me	A1mf	A1mg	A1mh	A1mi	A1mj	A1mk	A1ml	A1mm	A1mn	A1mo	A1mp	A1mq	A1mr	A1ms	A1mt	A1mu	A1mv	A1mw	A1mx	A1my	A1mz	A1na	A1nb	A1nc	A1nd	A1ne	A1nf	A1ng	A1nh	A1ni	A1nj	A1nk	A1nl	A1nm	A1nn	A1no	A1np	A1nq	A1nr	A1ns	A1nt	A1nu	A1nv	A1nw	A1nx	A1ny	A1nz	A1oa	A1ob	A1oc	A1od	A1oe	A1of	A1og	A1oh	A1oi	A1oj	A1ok	A1ol	A1om	A1on	A1oo	A1op	A1oq	A1or	A1os	A1ot	A1ou	A1ov	A1ow	A1ox	A1oy	A1oz	A1pa	A1pb	A1pc	A1pd	A1pe	A1pf	A1pg	A1ph	A1pi	A1pj	A1pk	A1pl	A1pm	A1pn	A1po	A1pp	A1pq	A1pr	A1ps	A1pt	A1pu	A1pv	A1pw	A1px	A1py	A1pz	A1qa	A1qb	A1qc	A1qd	A1qe	A1qf	A1qg	A1qh	A1qi	A1qj	A1qk	A1ql	A1qm	A1qn	A1qo	A1qp	A1qq	A1qr	A1qs	A1qt	A1qu	A1qv	A1qw	A1qx	A1qy	A1qz	A1ra	A1rb	A1rc	A1rd	A1re	A1rf	A1rg	A1rh	A1ri	A1rj	A1rk	A1rl	A1rm	A1rn	A1ro	A1rp	A1rq	A1rr	A1rs	A1rt	A1ru	A1rv	A1rw	A1rx	A1ry	A1rz	A1sa	A1sb	A1sc	A1sd	A1se	A1sf	A1sg	A1sh	A1si	A1sj	A1sk	A1sl	A1sm	A1sn	A1so	A1sp	A1sq	A1sr	A1ss	A1st	A1su	A1sv	A1sw	A1sx	A1sy	A1sz	A1ta	A1tb	A1tc	A1td	A1te	A1tf	A1tg	A1th	A1ti	A1tj	A1tk	A1tl	A1tm	A1tn	A1to	A1tp	A1tq	A1tr	A1ts	A1tt	A1tu	A1tv	A1tw	A1tx	A1ty	A1tz	A1ua	A1ub	A1uc	A1ud	A1ue	A1uf	A1ug	A1uh	A1ui	A1uj	A1uk	A1ul	A1um	A1un	A1uo	A1up	A1uq	A1ur	A1us	A1ut	A1uu	A1uv	A1uw	A1ux	A1uy	A1uz	A1va	A1vb	A1vc	A1vd	A1ve	A1vf	A1vg	A1vh	A1vi	A1vj	A1vk	A1vl	A1vm	A1vn	A1vo	A1vp	A1vq	A1vr	A1vs	A1vt	A1vu	A1vv	A1vw	A1vx	A1vy	A1vz	A1wa	A1wb	A1wc	A1wd	A1we	A1wf	A1wg	A1wh	A1wi	A1wj	A1wk	A1wl	A1wm	A1wn	A1wo	A1wp	A1wq	A1wr	A1ws	A1wt	A1wu	A1wv	A1ww	A1wx	A1wy	A1wz	A1xa	A1xb	A1xc	A1xd	A1xe	A1xf	A1xg	A1xh	A1xi	A1xj	A1xk	A1xl	A1xm	A1xn	A1xo	A1xp	A1xq	A1xr	A1xs	A1xt	A1xu	A1xv	A1xw	A1xx	A1xy	A1xz	A1ya	A1yb	A1yc	A1yd	A1ye	A1yf	A1yg	A1yh	A1yi	A1yj	A1yk	A1yl	A1ym	A1yn	A1yo	A1yp	A1yq	A1yr	A1ys	A1yt	A1yu	A1yv	A1yw	A1yx	A1yy	A1yz	A1za	A1zb	A1zc	A1zd	A1ze	A1zf	A1zg	A1zh	A1zi	A1zj	A1zk	A1zl	A1zm	A1zn	A1zo	A1zp	A1zq	A1zr	A1zs	A1zt	A1zu	A1zv	A1zw	A1zx	A1zy	A1zz
Date (mm/dd/yyyy)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</																																																																																																																						

	A1c	A1c	A1c	A1d	A6	A7	A3	A4	A5	B1c	B1d	B2c	B2d	B3c	B3d	B4c	B4d	B5	B6	B7	B8	B9e	C1c	C1d	C1e	C1f	C2	C3	C4	C5	C6	C7
Time G.F. Lost																											?					
Time G.F. Boated																											?					
Back (Gore)																											?					
Lab. Gain (Gore)																											?					
For (Gore)																										X						
Growth																							X	X	X	X		X				
Length D+R																							X	X	X	X		X				
Length D+S																							X	X	X	X		X				
Weight																							X	X	X	X		X				
Kennel Name																											?					
Name Owner																											?					
Name Boat																											?					
Name Agent																											?					
Name Captain																											?					
Name Ship (Gore)																											?					
Name Ship (Gore)																											?					

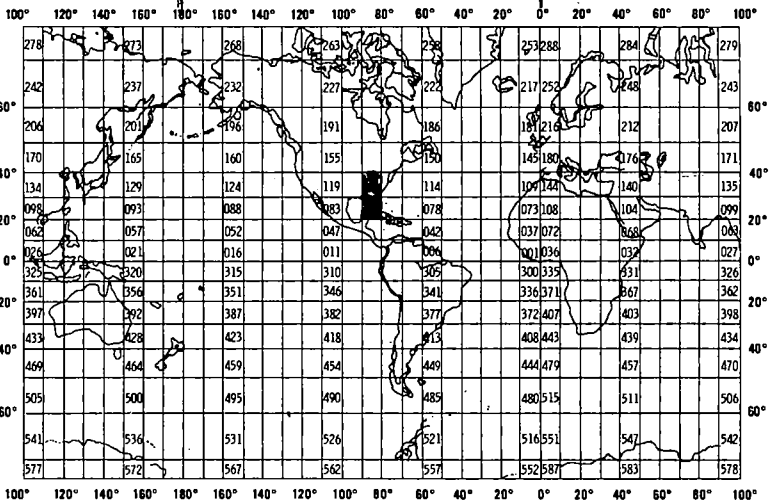
DATA DOCUMENTATION FORM

FILLED AT
NODCNOAA FORM 24-13
(4-72)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R2651

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 NATIONAL MARINE FISHERIES SERVICE SOUTHEAST FISHERIES CENTER			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SKYLAB OCEANIC GAMEFISH PROJECT		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.) SHIP (FISHING BOATS) (≤ 186 SHIPS)	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR U.S. U.S. 080473 080573
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN 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 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)			

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 (Hytech model S510)	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

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

EACH RECORD CONTAINS THREE CARDS WHICH ARE 84 CHARACTERS LONG. END OF RECORD IS SHOWN BY AN ASTERISK (*) IN COL 57 OF THE THIRD CARD.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

CONTAINS SKYLAB DATA FROM THE AUG 4-5 field operation.
Reel #1
1545 physical records, 515 logical records
Fishing data

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL
☐ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER K.J. SAVASTANO 601-688-4475
ADDRESS NMFS, BAY ST LOUIS, MISS. 39520

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input type="checkbox"/> ODD <input checked="" type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) TAPE # 1093 DATA DESCRIP: FISHERIES TAPE USER NO = 01
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 84 13. LENGTH OF BYTES IN BITS 8

RECORD FORMAT DESCRIPTION

RECORD NAME _____

FIELD NAME	15. POSITION FROM - 1 MEASURED IN <u>BYTES</u> (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
CARD ONE					
DATE	1	6	BYTES	CHAR	MONTH, DAY, YEAR OF SAMPLING
BREAK	7	1	"	"	(COMMA USED TO BREAK EACH FIELD)
MONTH	8	2	"	"	SAMPLING MONTH
BREAK	10	1	"	"	COMMA
DAY	11	2	"	"	SAMPLING DAY
BREAK	13	1	"	"	COMMA
YEAR	14	4	"	"	SAMPLING YEAR
BREAK	18	1	"	"	COMMA
LAT	19	5	"	"	LATITUDE 0 TO 90.00 DEG. N.
BREAK	24	1	"	"	COMMA
LONG	25	6	"	"	LONGITUDE 0 TO 180.00 DEG. W.
BREAK	31	1	"	"	COMMA
SQUARE	32	2	"	"	AREA DIVIDED INTO 10 mile squares 1 TO 54
BREAK	34	1	"	"	COMMA
SUBSQUARE	35	1	"	"	5 mi. SUBSQUARE CODE A ← 1 B ← 2 C ← 3 D ← 4
BREAK	36	1	"	"	COMMA
ISHTIME	37	4	"	"	TOTAL HRS FISHING TIME (LOCAL TIME) 0 TO 2400
BREAK	41	1	"	"	COMMA
START TIME	42	4	"	"	FISHING TIME START (LOCAL TIME) 0 TO 2400
BREAK	46	1	"	"	COMMA
ENDTIME	47	4	"	"	FISHING TIME END (LOCAL TIME) 0 TO 2400
BREAK	51	1	"	"	COMMA
HRS MULLET	52	5	"	"	HOURS USING MULLET AS BAIT 0 TO 99.99
BREAK	57	1	"	"	COMMA
HRS BALLYHOO	58	5	"	"	HOURS USING BALLYHOO AS BAIT 0 TO 99.99
BREAK	63	1	"	"	COMMA
HRS STRIP	64	5	"	"	HOURS USING STRIP BAIT 0 TO 99.99
BREAK	69	1	"	"	COMMA
HRS ARTIF	70	5	"	"	HOURS USING ARTIFICIAL BAIT 0 TO 99.99
BREAK	75	1	"	"	COMMA
BLANK	76	9			
		84			

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		
CARD TWO					
HRSOOTHER	1	5	BYTES	CHAR	HOURS USING OTHER BAITS 0 TO 099.99
BREAK	6	1	"	"	COMMA
* WINDDIRDEG	7	5			WIND DIRECTION DEGREE 0 TO 360.0
BREAK	12	1	"	"	COMMA
BLANK	13	1			
BREAK	14	1	"	"	COMMA
* WINDSPEED	15	4			WIND SPEED 0 TO 99.9 KM/HR
BREAK	19	1	"	"	COMMA
BLANK	20	4			
BREAK	24	1	"	"	COMMA
PRECIP	25	1	"	"	PRECIPITATION 0 = NO 1 = YES
BREAK	26	1	"	"	COMMA
BOATNAME	27	3	"	"	BOAT NAME CODE 1 TO 106
BREAK	30	1	"	"	COMMA
CAPTNAME	31	3	"	"	BOAT CAPTAINS NAME 1 TO 106
BREAK	34	1	"	"	COMMA
BFISHSITD	35	1	"	"	BILLFISH SIGHTED 1 = NO 2 = YES
BREAK	36	1	"	"	COMMA
SIGHT1	37	4	"	"	TIME SIGHTED 1 0 TO 2400
BREAK	41	1	"	"	COMMA
SIGHT2	42	4	"	"	TIME SIGHTED 2 0 TO 2400
BREAK	46	1	"	"	COMMA
REFNUM	47	2	"	"	REFERENCE NUMBER FOR GAME FISH 0 TO 10
BREAK	49	1	"	"	COMMA
GAMEFISHID	50	2	"	"	GAMEFISH ID CODE 0 TO 17
BREAK	52	1	"	"	COMMA
NUMGFSHCWT	53	2	"	"	NUMBER OF GAMEFISH CAUGHT 0 TO 99
BREAK	55	1	"	"	COMMA
GAMEFISHIDNO	56	4	"	"	GAMEFISH ID NUMBER 0 TO 9999
BREAK	60	1	"	"	COMMA
TIMEGFSHRSD	61	4	"	"	TIME GAME FISH RAISED 0 TO 2400
BREAK	65	1	"	"	COMMA
TIMEGFSHHRD	66	4	"	"	TIME GAME FISH HOOKED 0 TO 2400
BREAK	70	1	"	"	COMMA
TIMEGFSHLOST	71	4	"	"	TIME GAME FISH LOST 0 TO 2400
BREAK	75	1	"	"	COMMA
BLANK	76	9			

RECORD FORMAT DESCRIPTION

RECORD NAME _____

FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
CARD THREE					
TIME GFSSH BOTD	1	4	BYTES	CHAR	TIME GAME FISH BOATED 0 TO 2400
BREAK	5	1	"	"	COMMA
BAIT	6	1	"	"	BAIT USED: 1 = MULLET 2 = BALLYHOO 3 = STRIP 4 = ARTIFICIAL 5 = NEEDLE FISH 6 = TEASER 7 = CIGAR MINNOW
BREAK	7	1	"	"	COMMA
WATERCOLOR	8	1	"	"	WATERCOLOR 1 = GREEN 2 = BLUE 3 = DIRTY 4 = OTHER 5 = BLUE GREEN
BREAK	9	1	"	"	COMMA
SEX	10	1	"	"	SEX 1 = MALE 2 = FEMALE 3 = UNDETERMINED
BREAK	11	1	"	"	COMMA
GIRTH	12	5	"	"	GIRTH 0 TO 999.9 in cm
BREAK	17	1	"	"	COMMA
LENGTHJ-F	18	5	"	"	LENGTH - LOWER JAW TO FORK 0 TO 999.9 in cm
BREAK	23	1	"	"	COMMA
LENGTHO-F	24	5	"	"	LENGTH - ORBIT TO FORK 0 TO 999.9 in cm
BREAK	29	1	"	"	COMMA
WEIGHT	30	6	"	"	WEIGHT IN KG 0 TO 999.99
BREAK	34	1	"	"	COMMA
NUMRAISED	37	2	"	"	NUMBER OF FISH RAISED 0 TO 10
BREAK	39	1	"	"	COMMA
NUMHOOKED	40	2	"	"	NUMBER OF FISHED HOOKED 0 TO 10
BREAK	42	1	"	"	COMMA
NUMLOST	43	2	"	"	NUMBER FISH LOST 0 TO 10
BREAK	45	1	"	"	COMMA
NUMBOTD	46	2	"	"	NUMBER FISH BOATED 0 TO 10
BREAK	48	1	"	"	COMMA
NUMCGHT	49	2	"	"	NUMBER FISH CAUGHT 0 TO 10
BREAK	51	1	"	"	COMMA
DATA SOURCE	52	1	"	"	DATA SOURCE 1 = ERL 2 = NMFS
BREAK	53	1	"	"	COMMA
NUMLINES	54	1	"	"	NUMBER OF LINES 0 TO 9

RECORD NAME

[illegible]

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE, MTF
Bay Saint Louis, Mississippi 39520

January 25, 1974


74-0447

Mr. Wellington Waters
National Oceanographic Data Center
NOAA Environmental Data Service
Rockville, Maryland 20852

Dear Mr. Waters:

Per our telecon of January 25, the enclosed Skylab documents should answer most of your questions. The actual tapes and format for same will be mailed at a later date.

Sincerely,


P. C. Cook, Chief
Evaluation Group



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE, MTF
Bay St. Louis, Mississippi 39520

April 10, 1974

Mr. Wellington Waters
NOAA/NODC
Environmental Data Service
Rockville, Maryland 20852

Dear Wellington:

I have mailed two more tapes containing Skylab data from the August 4 and 5 field operation. Reel #1 contains 1545 physical records or 515 logical records of NMFS resource data. Reel #2 contains 558 physical records or 186 logical records of oceanographic data. Each physical record contains 84 characters with data located in characters 1-80 and blanks in 81-84. The BCD data on the tapes are recorded in even parity at 800 bpi.

I have also attached a listing of the descriptor file and a partial dump of each tape. If further information is needed, please contact me.

Sincerely,

A handwritten signature in cursive script, reading "K. J. Savastano".

K. J. Savastano

Phone # 601-688-4475



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE, MTF
Bay Saint Louis, Mississippi 39520

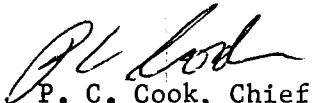
February 8, 1974

Mr. Wellington Waters
National Oceanographic Data Center
NOAA Environmental Data Service
Rockville, Maryland 20852

Dear Mr. Waters:

Enclosed are the data which you requested. If you have any questions regarding the data values or tape format please contact Ken Savastano at AC 601-688-4475.

Sincerely,


P. C. Cook, Chief
Evaluation Group

Enclosures
Tapes 19820 and 26009
Tape Format Description
Listings

The following information contains the physical format description for tapes #19820 and #26009.

Tape type: 7 track

Recording mode: U1108 Field Data

Parity: ODD

Record size: Physical tape records are 80 characters in length. Logical records are comprised of 3 successive physical records. Logical records can be input via a Fortran read specification of (3*(80A1)).

Data Fields: Variable fields are operated by commas within the logical record. *Refer*

Field Description: At the beginning of each of the attached listings is a file dictionary which gives a description of each parameter and also gives the alpha description on coded parameters.

Data Content: (a) Reel #19820 contains 186 logical records of oceanographic data.

(b) Reel #26009 contains 515 logical records of fisheries oceanic gamefish data.



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
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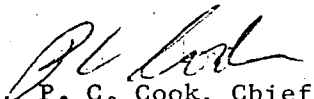
February 8, 1974

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Field Description: At the beginning of each of the attached listings is a file dictionary which gives a description of each parameter and also gives the alpha description on coded parameters.

Leader record
is actually on
the tape

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(b) Reel #26009 contains 515 logical records of fisheries oceanic gamefish data.

Density: 556/800

Label: N

(?) ~~60~~ - 67

70 '8'

71 '9'

56 = '9' comma

'A' 06

'B' 07

'C' 10 - 'J' 17

J 17

~~K~~ 20

L 27

S 30

~~Z~~ 37

) 40

(51

• 75



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A handwritten signature in dark ink, appearing to read "K. J. Savastano".

K. J. Savastano

BLKSIZE = 1

VOL = SER = 6072

SkyLab Oceanic Gamefish	A1c	A1f	A1G	A1d	A6	B1Z	A3	A4	A5	B1e	B1b	B2C	B2b	B2L	B3A	B3b	B3C	B3E	B4C	B4b	B4C	B4k	B5	B6	B7	B8	BHe	C1C	C1b	C1K	C1R	C2	C3	C4	C5	C6	C7	
Date (MMDDYY)							X																															
Month							X																															
Day							X																															
Year							X																															
Lat Deg (+/-°00)	X																																					
Long Deg (+/-°00)		X																																				
Square (10 mile)																																						
Subsquare (5 mi)																																						
Fish time or Duration																																						
Start time								X																														
End time								?																														
HRS Mullet Baited with																																						
HRS Bellyhook Baited with																																						
HRS Strip Baited with																																						
HRS Artificial Baited with																																						
HRS Other Baited with																																						
Wind Dir.																												X	X	X	X			X				
Wave Speed																												X	X	X	X			X				
Precip (Yes/no)																												?	?	?	?			?				
Boat Code													?																									
Boat Capt. Code																																						
(yes/no) Billfish Sighted																																						
Time Sighted 1																																						
Time Sighted 2																																						

SkyLab Oceanic GeminiFish (Cont)	A1a	A1b	A1c	A1d	A6	A12	A3	A4	A5	B1a	B1b	B2a	B2b	B2c	B3a	B3b	B3c	B3d	B4a	B4b	B4c	B4d	B5	B6	B7	B8	B4e	C1a	C1b	C1c	C1d	C2	C3	C4	C5	C6	C7	
Time G.F. Lost																																	?					
Time G.F. Boated																																	?					
Bait (code)																																	?					
Water Color (code)																																	?					
Sex (code)																																X						
Girth																												X	X	X	X		X					
Length LT→F																												X	X	X	X		X					
Length O→F																												X	X	X	X		X					
Weight																												X	X	X	X		X					
Number Raised																																	?					
Number Hooked																																	?					
Number Lost																																	?					
Number Boated																																	?					
Number Caught																																	?					
Dish Source (MRF)																																						
Number of Lines																																	?					
Water Type (code)																																	?					