DATA DOCUMENTATION FORM

8100476

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

TR6876-6878

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.

F029

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

Donald Schell
IWR
University of Alaska
Fairbanks, Alaska 99701

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

NOAA/OCSEAP
R.U.#537

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

00N078 = ID

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
	Helicopter, foot	US	US	11/08/78	11/30/78

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?)

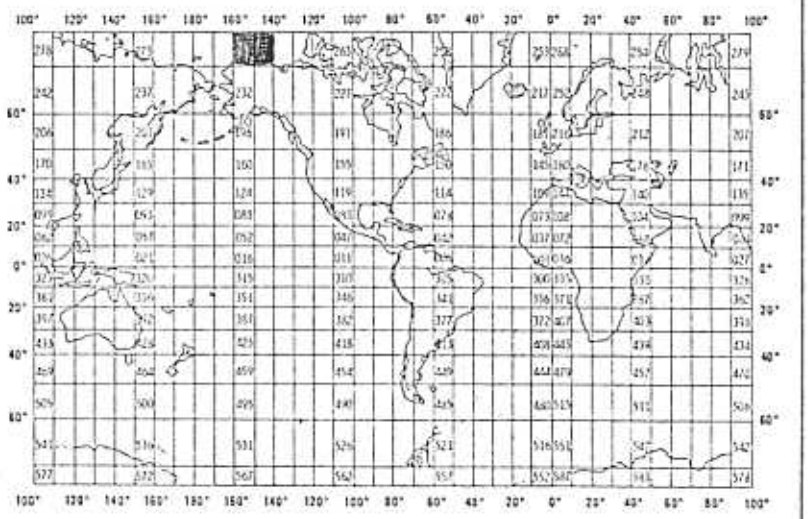
☐ NO ☐ YES ☐ PART *(SPECIFY BELOW)*

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

Donald Schell
(907) 479-7115

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

Beaufort Sea
GENERAL AREA



USCOMM-DC 44289-P72

NUMBER

DATA DOCUMENTATION FORM

8100476

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

TR6877

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.

F029

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

Donald Schell
IWR
University of Alaska
Fairbanks, Alaska 99701

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

NOAA/OCSEAP
R.U. #537

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

79SEAS - ID

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
	Helicopter, foot	US	US	03/31/79	11/11/79

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?)

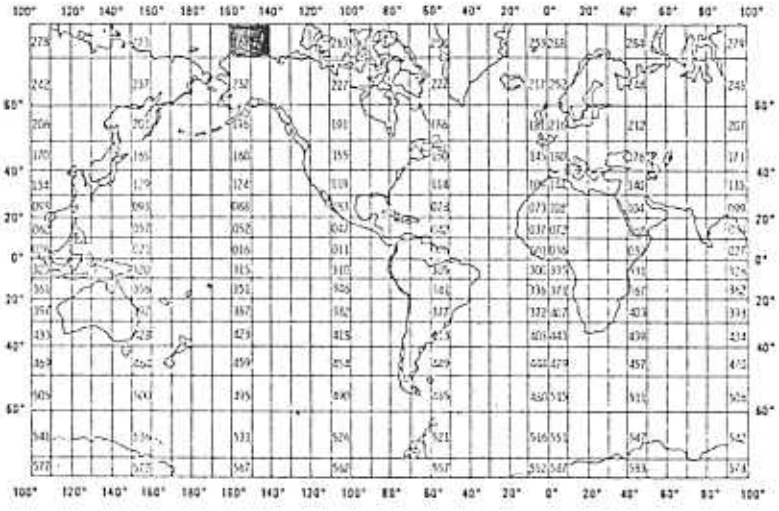
☐ NO ☐ YES ☐ PART (SPECIFY BELOW)

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

Donald Schell
(907) 479-7115

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

Beaufort Sea
GENERAL AREA



USCOMM-DC 44283-P72

DATA DOCUMENTATION FORM

8100476

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

TR6878

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.

F029

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

Donald Schell
IWR
University of Alaska
Fairbanks, Alaska 99701

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

NOAA/OCSEAP
R.U.#537

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

80SEAS = ID

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) *(E.G., SHIP, BUOY, ETC.)*	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
	Helicopter, foot	US	US	03/05/80	07/02/80

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?)

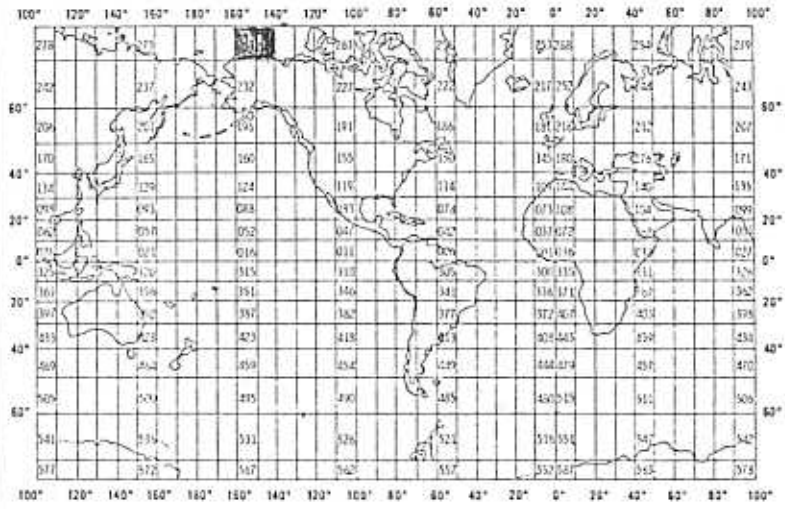
☐ NO ☐ YES ☐ PART *(SPECIFY BELOW)*

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

Donald Schell
(907)479-7115

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

Beaufort Sea
GENERAL AREA



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
Bottom Depth	Whole meters			
Sample Depth	meters to tenths			
Phosphate	UG-AT per liter	to hundredths		
Ammonia	UG-AT per liter	to tenths		
Nitrate	UG-AT per liter,	to tenths		
	nitrates	and nitrites pooled in 80SEAS and 79SEAS file identifications		
Silicate	UG-AT per liter	to tenths		
Salinity	parts per thousand	to hundredths		

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

Honeywell 66/20
Record types 0, 1, 3, 4
OCSEAP Filetype 029 7/7/78 version

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Sequence

0 File header
1 Master record
3 Detail record
4 Text record

3. ATTRIBUTES AS EXPRESSED IN [ ] PL-1 [ ] ALGOL [ ] COBOL [X] FORTRAN [ ] _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Sue Keller (907)479-7086
ADDRESS Alaska Sea Grant College Program
University of Alaska, Fairbanks, Alaska 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE
[ ] BCD [ ] BINARY
[ ] ASCII [X] EBCDIC
[ ] _____

6. NUMBER OF TRACKS (CHANNELS)
[ ] SEVEN
[X] NINE
[ ] _____

7. PARITY
[X] ODD
[ ] EVEN

8. DENSITY
[ ] 200 BPI [X] 1600 BPI
[ ] 556 BPI
[ ] 800 BPI
[ ] _____

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

10. END OF FILE MARK
[X] OCTAL 17
[ ] _____

11. DATE ON PAPER LABEL DESCRIPTION (INCLUDE

OCSEAP Donald Schell
T/O#32 R.U.#537 File type 029
00NO78 1978 Field Season 11/08/78-11/30/78
79SEAS 1979 Field Season 03/31/79-11/11/79
80SEAS 1980 Field Season 03/05/80-07/02/80
9 track, 1600 BPI, Parity Odd, EBCDIC

12. PHYSICAL BLOCK LENGTH IN BYTES
80, Blocking factor = one

13. LENGTH OF BYTES IN BITS
9(one bit for parity odd)

RECORD FORMAT DESCRIPTION

RECORD NAME File Header Record - 0

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Begin Date	28	6	bytes		YYMMDD
End Date	37	6	bytes		YYMMDD
Senior Scientist	45	19	bytes		
Institution	64	17	bytes		

RECORD FORMAT DESCRIPTION

RECORD NAME Master Record - 1

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Latitude	16	6	bytes		DDMMSS
Longitude	23	7	bytes		DDDMMSS
Date	31	6	bytes		YYMMDD
Bottom depth	44	5	bytes		

NOAA FORM 24-13

USCOMM-DC 44289-P72

RECORD FORMAT DESCRIPTION

RECORD NAME Detail Record - 3

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Sample Depth	16	5	bytes		
Phosphate	42	4	bytes		
Ammonia	46	3	bytes		
Nitrate	49	3	bytes		(Nitrates and Nitrites pooled in 80SEAS and 79SEAS File identifications)
Silicate	55	5	bytes		
Salinity	71	4	bytes		
Sequence	78	3	bytes		

RECORD FORMAT DESCRIPTION

RECORD NAME Detail Record - 3

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Sample Depth	16	5	bytes		
Phosphate	42	4	bytes		
Ammonia	46	3	bytes		
Nitrate	49	3	bytes		(Nitrates and Nitrites pooled in 80SEAS and 79SEAS File identifications)
Silicate	55	5	bytes		
Salinity	71	4	bytes		
Sequence	78	3	bytes		

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)
NA									

NOAA FORM 24-13

USCOMM-DC 44289-P

2206T 02 12/08/80 UTILITY REPORT 770225 PAG

$ FUTIL IN,,REW/IN/,DDUMP/1F/

TAPE LABEL FILECODE - IN

1 *GF 600 BTL 0000ID WORK3 WORK3

END FILE MARK - 23

BLK#	REC#	RCW(L)	WRD#		LOG
1	1	000000	1	*02900N0780	781
	2	000000	1	*02900N078100012703530N1501630W	
	3	000000	1	*02900N078300012 0	
	4	000000	1	*02900N078300012 040	
	5	000000	1	*02900N078300012 070	
	6	000000	1	*02900N078100013703518N1503248W	
	7	000000	1	*02900N078300013 0	
	8	000000	1	*02900N078300013 040	
	9	000000	1	*02900N078300013 075	
	10	000000	1	*02900N078100020701412N1472948	
	11	000000	1	*02900N078300020 0	
	12	000000	1	*02900N078300020 047	
	13	000000	1	*02900N078100019701030N1470700	
	14	000000	1	*02900N078300019 0	
	15	000000	1	*02900N078300019 045	
	16	000000	1	*02900N078100018701642N1471718	
	17	000000	1	*02900N078300018 0	
	18	000000	1	*02900N078300018 040	
	19	000000	1	*02900N078300018 085	
	20	000000	1	*02900N0781000BP701918N147343C	
	21	000000	1	*02900N0783000BP 0	
2	22	000000	1	*02900N0783000BP 030	
	23	000000	1	*02900N0783000BP 060	

385 entries

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL DATA AND INFORMATION SERVICE
Washington, D.C. 20235

National Oceanographic Data Center

October 15, 1981 OA/D781/SJH

Dr. Donald M. Schell
University of Alaska
301 Duckering Building
Fairbanks, AK 99701

Dear Dr. Schell:

Please find enclosed copies of our OCSEAP data parameter check runs and inventory summaries on FTP 029 primary productivity from RU 537. The file ID's corresponding to NODC track numbers are:

FID	NODC TRACK NO.
00N078	TR6876
79SEAS	TR6877
80SEAS	TR6878

The following errors with corrections are listed for the data sets:

1. No times (hours and minutes) were reported on record type 1. These were by-passed on the check runs. The times would be desirable but are not critical.

2. TR6877 (FID 79SEAS) record 1 station 47. The position and time (COLS. 16-36) 035241N4951427W90402 was changed to 703524N1495142W790402.

3. TR6877 (FID 79SEAS) and TR6878 (FID 80SEAS). There were 17 and 29 duplicate stations in FID's 79SEAS and 80SEAS, respectively. These were corrected by adding an alpha character in column 13 before the station number. See enclosure for list of changes.

4. TR6878 (FID 80SEAS) record 3 station 1. The value 10311 in columns 67-74 for temperature-salinity was deleted.

5. TR6878 (FID 80SEAS) record 3 station 17. The salinity value 9639 in columns 71-74 was above our check range value of 6000. It was deleted.

In TR6878 (FID 80SEAS) of our check runs, several bathymetric measurements are flagged because the depth is zero. I will delete the zeros and leave the depths as blank fields. There are no bathymetric measurements reported in the first two data sets and the DDF's indicated that the platforms for all three data sets are by helicopter/foot.

We extended our low range limit to 5.00 PPT to hundreths and still received some flagged low values. We will accept these because of the extreme conditions familiar to the area.

The data sets will be considered final processed and entered into the OCSEAP data base. However, may I ask that you please review the ranges and flagged values in the data checks for verification. Please notify me if any corrections are required.

Thank you for submitting these data.

Sincerely yours,

Sid Halminski

Sid Halminski
NODC OCSEAP Data Coordinator

Enclosure:

cc: W. Fischer
D. Dale w/encl.
M. Crane

TR 6876 – 6878

Bob

We'll have to put back all the salinity values. Chuck said he deleted all those above 36.59 ‰. The PI in an OCSEAP reported values as high as 50 ‰

Sid

7/1/81

Sid says delete salinities over 50‰.
CRB
7/2/81

University of Alaska

Statewide System of Higher Education

ALASKA SEA GRANT PROGRAM
Fairbanks, Alaska 99701

December 8, 1980

Mr. Dean Dale
OCSEAP
P.O. Box 1808
Juneau, Alaska 99801

Dear Mr. Dale:

Enclosed is a tape and DDF with primary productivity data collected by Donald Schell, R.U.#537, NOAA contract #03-5-022-56. These data are in the NODC format 029 for primary productivity, and are in the following fileids:

00NO78	1978 Field Season	11/08/78-11/30/78
79SEAS	1979 Field Season	03/31/79-11/11/79
80SEAS	1980 Field Season	03/05/80-07/02/80

Sincerely,

Sue Keller

Sue Keller
OCS Project Coordinator

SK:lib
Enclosure

DDF A:4:22

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 81-00476

1) File Type: 029

2) Project Ident.: OCSEAP

3) Track Nos.: TR 6876-6878

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)
1. Beginning and ending dates in wrong columns of record type "O".	
2. Let blank "hour of day" pass.	
3. Changed bathymetry range to ~~[illegible]~~ 00001-08000.	
4. Deleted ~~all~~ salinities of 103.11 and 9639. Salinity range 5-60‰.	
5. Put a letter in column 13 to avoid dup. stn. no.	
× 6. On line 156 changed position from 03°52'N, 495°14W to 70°35N, 149°51W and date YR/MO/DAY 9040/2 to 790402.	

II. Additional error corrections:

Error	Correction Completed (Check)

III. Processor Name: Charles B. Selkirk

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 8100476 TR 6876-6878

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	OCSE 33	NL	80	80	FB	385 REC.
DUPLICATE	001957	SL	80	80	F	
REFORMATTED						
FIRST USER	CBS-. F029 T6876	SL	80			385 REC.
FINAL USER	DMNOEX MPD75. F029T6876	SL	80			385 REC.

DATA SET FILE SHEET

ACCESSION/TRACK # 81-06 476

TR6876-6878

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	4/3/81	R	0C9E33	1	80	80	385
QUAOI/SCAN TAPE #	4-10-81	JDS	001957	1	80	80	
ASSIGNED FOR PROCESS.							
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHER							
FIRST USER TAPE #							
WORK DISK FILE	5/20/81	CBf	CBS-. F029T0876	1	VAR	80	385
FINAL USER TAPE #							
FINAL MULCHER	5/28/81	CBf	"	"	"	"	"
EDITED DISK FILE	5/29/81	CBf	DMNOOK MPD76. F029T6876	1	"	"	"
DATA SET "FINALIZED"							

(MRL) 11/6/78
(Rev. 1/80)

ACCESSION/TRACK NO.: 8100476 TR6876-6878

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	0C5E33	NL	80	80	FB		385
DUPLICATE	001957	SL	80	80	F		
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	CBS-. F029T6876	SL	80				385
EDITED DISK FILE	DMNOLE* MPD75. F029T6876	SL	80				385