

ACCESSION
NUMBER

78-0030

DATA DOCUMENTATION FORM

TR2725

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 Alaska Department of Fish and Game Commercial Fish - OCS Box 686 Kodiak, Ak. 99615			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED RU 512 Pelagic and Demersal Fish Assessment in the lower Cook Inlet Estuary System		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File ID 770713 , Cruise Number(s) C5	
4. PLATFORM NAME(S) F/V Big Valley	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S.A. U.S.A.	
		7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 3/24/77 3/30/77	
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 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 checked="" type="checkbox"/> NO <input checked="" 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) Peter B. Jackson (906) 486-5751			

ACCESSION
NUMBER

78-0030

DATA DOCUMENTATION FORM

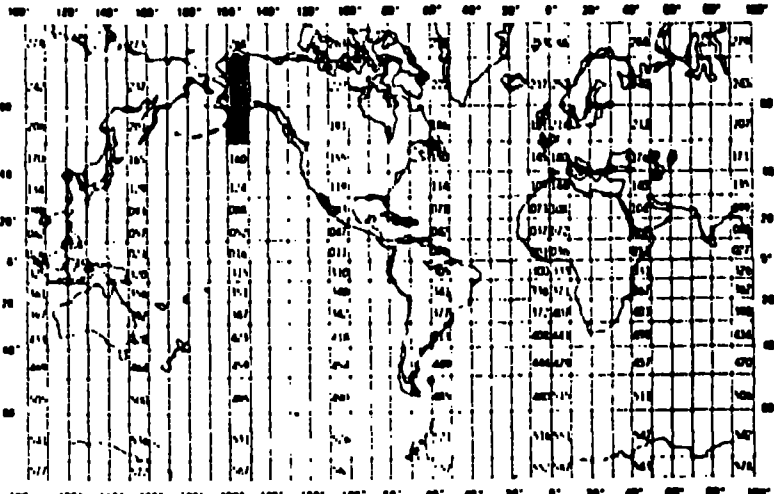
TR 2726

NOAA FORM 24-13
(4-73)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852PROVED
41-R-7651

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED RU 512 Pelagic and Demersal Fish Assessment in the lower Cook Inlet Estuary System		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File ID 761108 Cruise Number(s) C4	
4. PLATFORM NAME(S) F/V Big Valley	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S.A. U.S.A.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 76-08-31 76-10-14
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 MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA 	
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10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Peter B. Jackson (906) 486-5751			

ACCESSION
NUMBER

78-0030

TR 2727

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-73)

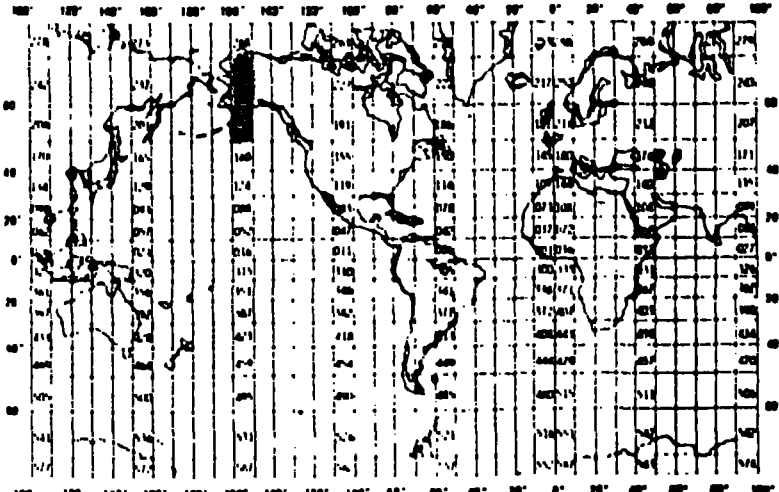
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

PROVED
41-R-2651

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.

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED RU 512 Pelagic and Demersal Fish Assessment in the lower Cook Inlet Estuary System		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File ID 761115, Cruise Number(s) C3									
4. PLATFORM NAME(S) F/V Big Valley	5. PLATFORM TYPE(S) (E.G., SHIP, BOAT, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"> <tr> <th>PLATFORM</th> <th>OPERATOR</th> <th>FROM: MO/DAY/YR</th> <th>TO: MO/DAY/YR</th> </tr> <tr> <td>U.S.A.</td> <td>U.S.A.</td> <td>76-08-01</td> <td>76-08-28</td> </tr> </table>		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR	U.S.A.	U.S.A.	76-08-01	76-08-28
PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR								
U.S.A.	U.S.A.	76-08-01	76-08-28								
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 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 checked="" type="checkbox"/> NO <input checked="" 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) Peter B. Jackson (906) 486-5751											

ACCESSION
NUMBER

78-0030

DATA DOCUMENTATION FORM

TR 2728

NOAA FORM 24-13
(4-78)

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

PROVED
1-11-80

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.

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Alaska Department of Fish and Game Commercial Fish - OCS Box 686 Kodiak, Ak. 99615			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED RU 512 Pelagic and Demersal Fish Assessment in the lower Cook Inlet Estuary System		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File ID 761109, Cruise Number(s) C2	
4. PLATFORM NAME(S) F/V Big Valley	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S.A. U.S.A.	
		7. DATES FROM: MO/YR TO: MO/YR 76-06-27 76-07-30	
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 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 checked="" type="checkbox"/> NO <input checked="" 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) Peter B. Jackson (906) 486-5751			

ACCESSION
NUMBER

78-0030
TR 2729

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

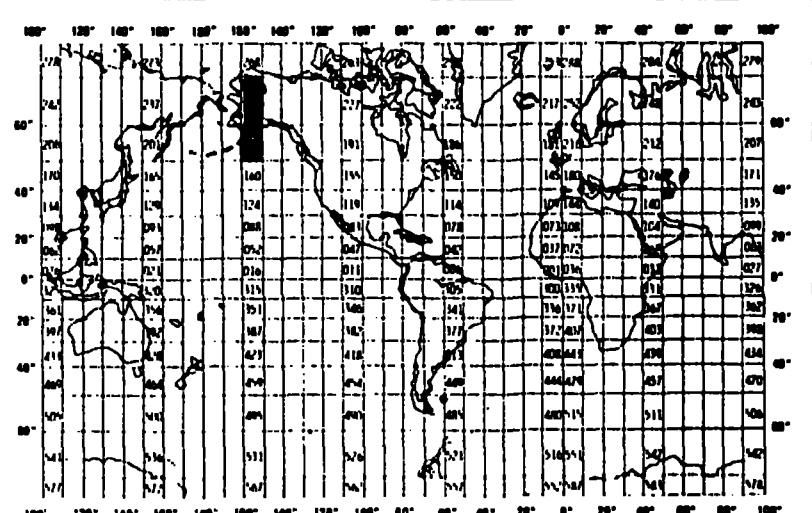
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

PROVED
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.

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED RU 512 Pelagic and Demersal Fish Assessment in the lower Cook Inlet Estuary System		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File ID 070776, Cruise Number(s) C1	
4. PLATFORM NAME(S) F/V Big Valley	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S.A. U.S.A.	
		7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 06-17 76-05-28 22 76-06-30	
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 MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
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DATA DOCUMENTATION FORM

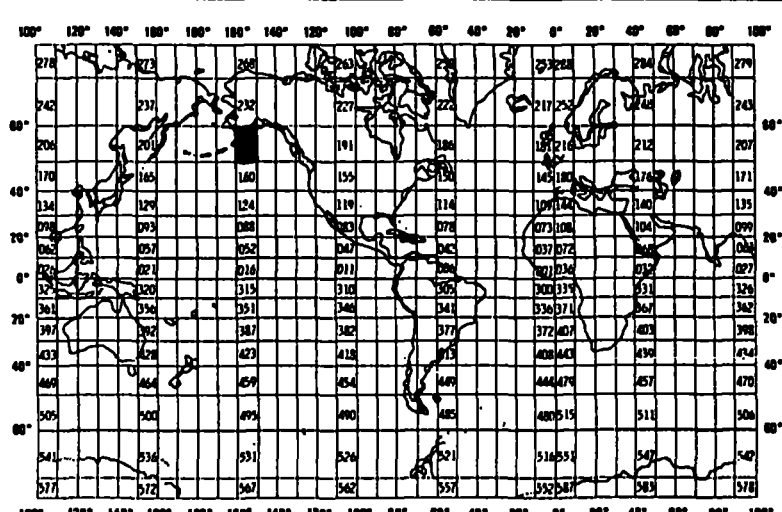
TR 2730

NOAA 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.

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED RU 486 Demersal Fish and Shellfish Assessment on Selected Estuary Systems of Kodiak Island		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File ID 770712; Cruise Number(s) U5, A5	
4. PLATFORM NAME(S) F/V Big Valley	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S.A.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 03/05/77 03/18/77
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 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 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) Peter B. Jackson (906) 486-5751			

ACCESSION
NUMBER

78-0030

TR 2731

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 NOIC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NOIC 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			
Alaska Department of Fish and Game Commercial Fish - OCS Box 686 Kodiak, Ak. 99615			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
RU 486 Demersal Fish and Shellfish Assessment on Selected Estuary Systems of Kodiak Island		File ID 761102; Cruise Number(s) U4.A4	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
F/V Big Valley	Ship	PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
		U.S.A. U.S.A.	76-09-20 76-09-29
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 MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
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ACCESSION
NUMBER78-0030
TR 2732

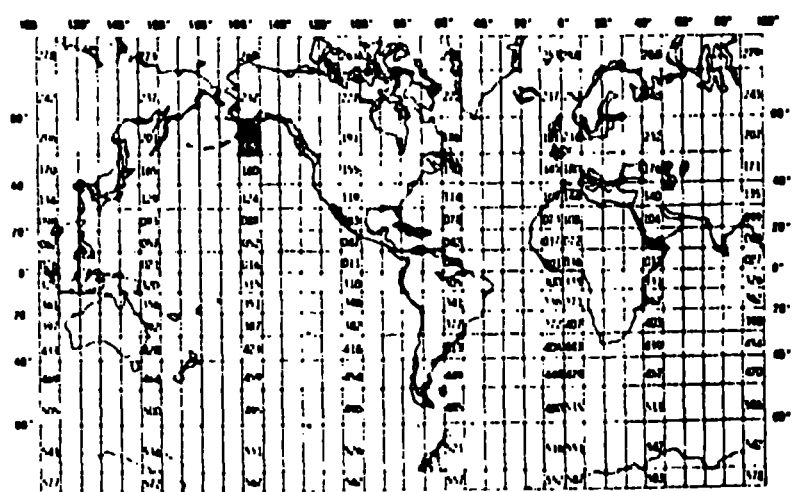
DATA DOCUMENTATION FORM

NOAA FORM 24-13
(6-73)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED RU 486 Demersal Fish and Shellfish Assessment on Selected Estuary Systems of Kodiak Island		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File ID 761029; Cruise Number(s) U3A3	
4. PLATFORM NAME(S) F/V Big Valley	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S.A. U.S.A.	
		7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 76-08=20 76-08-27	
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 MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA 	
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ACCESSION
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78-0030

DATA DOCUMENTATION FORM

TR 2733

NOAA FORM 24-13
(4-73)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R-7651

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
RU 486 Demersal Fish and Shellfish Assessment on Selected Estuary Systems of Kodiak Island		File ID 761028; Cruise Number(s) U2,A2	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
F/V Big Valley	Ship	PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
		U.S.A. U.S.A.	76-07-19 76-07-28
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 MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
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DATA DOCUMENTATION FORM

TR 2734

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

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED RU 19 Spawning herring Surveys in the Bering Sea and finfish resource surveys in Norton Sound and Kotzebue Sound		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File ID 761129 ✓ Cruise Number (s) K1,K2,K3,K4,K5,K6	
4. PLATFORM NAME(S) Skiff	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA USA	
		7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 760623 760910	
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 MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
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ACCESSION
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DATA DOCUMENTATION FORM

TR2735

NOAA FORM 24-13
(4-72)

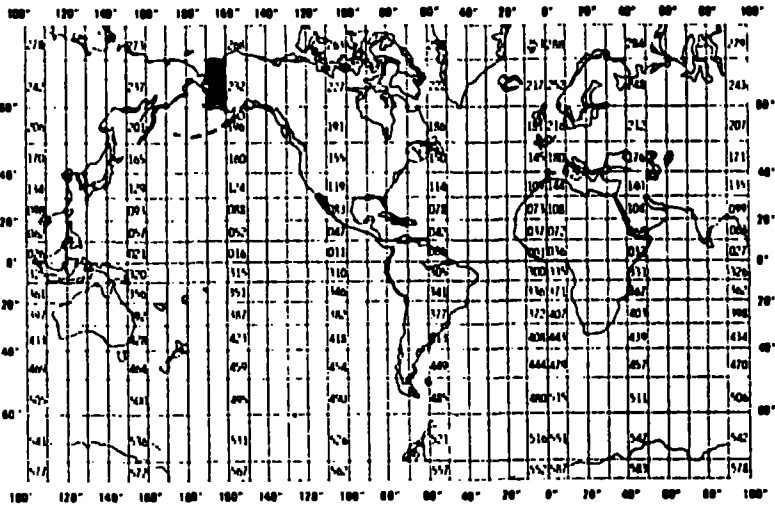
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

FORM APPROVED
O.M.B. No. 41-R-7651

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 Alaska Department of Fish and Game Commercial Fish - OCS Box 686 Kodiak, Ak. 99615			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED RU 19 Spawning herring Surveys in the Bering Sea and finfish resource surveys in Norton Sound and Kotzebue Sound		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File ID 761130 Cruise Number (s) N1,N2,N3,N4,N5,N6,N7,N8	
4. PLATFORM NAME(S) Skiff	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 760707 760915
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 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 checked="" type="checkbox"/> NO <input checked="" 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) Peter B. Jackson (906) 4865751 4865759			

ACCESSION
NUMBER

78-0030

DATA DOCUMENTATION FORM

TR2736

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

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED RU 19 Spawning herring Surveys in the Bering Sea and finfish resource surveys in Norton Sound and Kotzebue Sound		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File ID 761124 ✓ Cruise Number (s) S1,S2,S3,S4,S5	
4. PLATFORM NAME(S) Skiff	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 76/15/07 76/17/08
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 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 checked="" type="checkbox"/> NO <input checked="" 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) Peter B. Jackson '906) 4865751 4865759			

ACCESSION
NUMBER

78-0030

DATA DOCUMENTATION FORM

TR2737

NOAA FORM 24-13
(4-72)

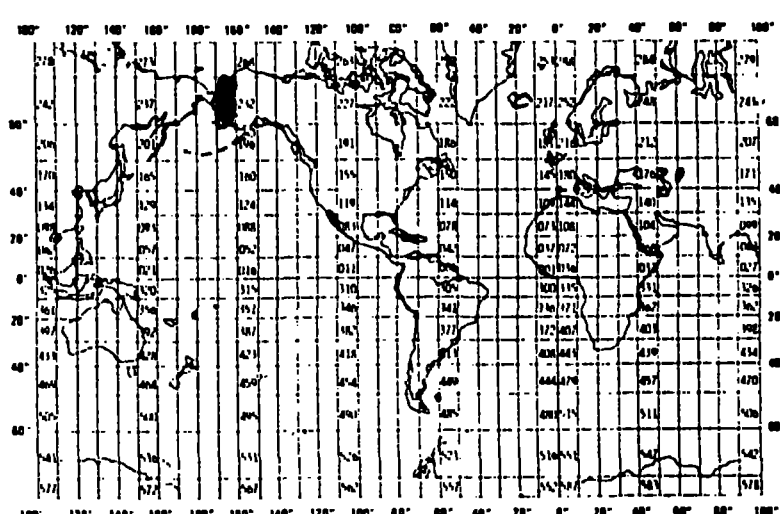
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

FORM APPROVED
O.M.B. No. 41-R-7651

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 Alaska Department of Fish and Game Commercial Fish - OCS Box 686 Kodiak, Ak. 99615			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED RU 19 Spawning herring Surveys in the Bering Sea and finfish resource surveys in Norton Sound and Kotzebue Sound		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File ID 761119 ✓ Cruise Number (s) FI	
4. PLATFORM NAME(S) Skiff	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 76/16/06 08 06 76/01/15
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 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 checked="" type="checkbox"/> NO <input checked="" 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) Peter B. Jackson (906) 4865751 4865759			

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
Latitude & Longitude	Degrees Minutes Seconds	Visual comparison with chart when sampling from skiff--- By radar comparison with chart when sampling from M/V BIG VALLEY	N/A	N/A
Date & time	GMT	Watch	N/A	N/A
Gear type	NODC code	N/A	N/A	N/A
Time fished	tenths of hours	Watch	N/A	N/A
Distance Fished	Tenths of Nautical Miles	Calculated by product of time and speed	N/A	N/A
Direction	NODC direction code	Compass	N/A	N/A
Gear Performance	NODC code	Subjective Judgement	N/A	N/A
Mean Depth	Meters	Depth sounder, chart	N/A	N/A
Scope used	Meters	Pre-measured & marked cables	N/A	N/A
Weather	WMO code 4501	Visual-Subjective	N/A	N/A
Cloud	WMO code 2700	Visual-Subjective	N/A	N/A
Sea state	WMO code 3700	Visual-Subjective	N/A	N/A
Sequence number	Ascending numeric	N/A	N/A	N/A

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
Taxonomic code	OCSEAP code list Dated Oct 15, 1976	N/A	Taxonomic keys	N/A
Total weight	Kilograms with 2 decimal places	Spring scale	Subsampling conducted by random split of catch followed by visual estimate of proportion subsampled	N/A
Weight determination	OCSEAP code list	N/A	N/A	N/A
Total number	Count, digits	Manual	N/A	N/A
Number determination	OCSEAP code list	N/A	N/A	N/A



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

National Oceanographic Data Center

December 7, 1982

OA/D713/SJH

TO: OA/D713 - Michael Crane
FROM: OA/D713 - *Sid Haliminski*
SUBJECT: File Type 123 Fish/Shellfish Resource
Assessment, OCSEAP Data

Enclosed is our OCSEAP parameter check summaries, inventory runs and a list of taxonomic codes on FTP 123 data from Blackburn, RU 512. The data sets at one time were final processed as FTP 023. These were then converted by you to the new FTP 123 version. The converted data sets are listed below and are considered again final processed.

<u>FID</u>	<u>NODC Track No.</u>	<u>FID</u>	<u>NODC Track No.</u>
770713	TR2725	761109	TR2728
761108	TR2726	070776	TR2729
761115	TR2727		

Please review the values in the check runs for accuracy and notify me if any corrections are required.

A copy of the enclosure has been forwarded to RU 512 for general information.

Enclosure

cc: S. Swanner (w/enclosure)
J. Blackburn (w/enclosure)



University of Alaska
Arctic Environmental Information and Data Center

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)

TO: Mr. Sid Halminski, D781 REFER TO: D781x5-82-112
NODC, Page Building #1 ATTENTION: Sid Halminski
2001 Wisconsin N.W.
Washington, D.C. 20235

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

☐ Ordinary ☐ Registered ☐ Air ☒ Certified ☐ Government ☐ By Hand ☐ Other
Mail Mail Mail Mail Truck

Enclosed is the finalized version of the Blackburn RU512, file type 123 data. Five data sets are present--TR2725, TR2726, TR2724, TR2728, and TR2729. These data sets were received as file type 023 and have been converted to file type 123.

The following items may appear as "flagged" parameters on your processing runs.

1. There are some instances where the Total Wet Weight field contains values which are under the NODC recommended range value. These low values are valid.
2. There are some instances where the Total Wet Weight field is zero-filled. These zeros denote a trace value.
3. In some instances, more than one RTA occurs for one file ID. This occurs when the platform type changes within the file ID. In this instance, the platform type changes from the Big Valley to a skiff.

Included are the DDF's, DINDB forms, final listings, and the magnetic tape containing the data. The magnetic tape specifications are:

9 track
1600 BPI
EBCDIC
Odd parity
Unlabeled
Record length - 80
Blocking factor - 50

MA/sn

cc: J. Blackburn
S. Swanner

Marilyn R. Allen Office Manager
FORWARDED BY (Signature) TITLE

4 June 1982
DATE FORWARDED

Lish Swan
RECEIVED BY (Signature) TITLE

23 June 1982
DATE RECEIVED

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0030

- 1) File Type: 123
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: 2725, 2726, 2727, 2728,
2729

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

None

Processor D. Lewis

ACCESSION/TRACK NO.: 78-0030 / TR 2725-2729

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECEN	REMARKS	# RECORDS
ORIGINATOR	BLANK	NL	80	4000	FB		5057
DUPLICATE	W12543	NL	80	4000	FB		5057
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSH					REMARKS	# RECORDS
WORK DISK FILE	D15773 * F123A TR2725						5057
EDITED DISK FILE	DM NO 6 * MPD 75. 2725 / F123						5057

DATA SET FILE IDENT

ASSIGNED FOR/BACK

78-0030/T12725

2729

Step	Completion Date/Init.	Tape # or ID#	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	7/19/82 JH	BLACKN	1	4000	80	5057
QUAD/SCAN TAPE #	7/19/82 JH	W12543	1	4000	80	5057
ASSIGNED FOR PROCESS.						
SDF EVALUATION	10/10/82					
QUALITY REVIEW	10/10/82					
RELIMINARY DATA SORT						
RELIMINARY FILECHK	10/9/82	D15773*	F123A	TR2725		5057
FIRST USER TAPE #						
WORK DISK FILE	10/9/82					
FINAL USER TAPE #						
FINAL FILECHK	10/9/82					
EDITED DISK FILE		DMNOE*MPD75.T2725/F123				5057
DATA SET "FINALIZED"						

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0030

- 1) File Type: 123
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: 2725, 2726, 2727, 2728,
2729

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

None

Processor M. Lewis

TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

ACCESSION/TRACK NO.: 78-5030 / TR 2725-2729

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	BLANK	NL	80	4000	FB		5057
DUPLICATE	W12543	NL	80	4000	FB		5057
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE						D15773 * F123A TR2725	5057
EDITED DISK FILE						D15773 * MPD 75. TR 2725 / F123	5057

DATA SET FILE .TEXT

SQUAD/TRACE

78-0030/TR2725

2729

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS	
ORIGINATOR TAPE #	7/19/82	JH	BLACKN	2	4000	80	5057
QUAD1/SCAN TAPE #	7/19/82	JH	W12543	2	4000	80	5057
ASSIGNED FOR PROCESS.							
DOF EVALUATION	10/10/82						
QUALITY REVIEW	10/10/82						
RELIMINARY DATA SORT							
RELIMINARY MURCHER	10/9/82	D15773*	F123A	TR2725			5057
FIRST USER TAPE #							
WORK DISK FILE	10/9/82						
FINAL USER TAPE #							
FINAL MURCHER	10/9/82						
EDITED DISK FILE		DMNOE*MPD75.T2725/F123					5057
DATA SET "FINALIZED"							



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL DATA SERVICE
Washington, D.C. 20235
National Oceanographic Data Center

DDF A:3:05

Date :
To : D781
From : D752 1211
Subject : Error Correction in Processing of
Data Set - Accession # 78-0030

- 1) File Type: 023
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: TR2725-2737

I. Error corrections as reported to Principal Investigator:

II. Additional error corrections:

24 RECORDS CODED 023 RATHER THAN 023; ERRORS CORRECTED

III. Processor name: _____



RECORD FORMAT DESCRIPTION

RECORD NAME

78-0030

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
(1) FIRST SORTED BY (1) TRACK (2) SEQUENCE NUMBER THAN ALPHABETICS PLACED IN COL 15 TO UNIQUE RECORDS; Following stations were REPEATED:					
		TR 2726 24 35		TR 2730 ES003	
		TR 2726 04 34		TR 2730 FS004	
		TR 2728 4 2325		TR 2731 V4 22	
		TR 2728 8 2261		TR 2732 33	3
		TR 2730 CS001		TR 2734 01	9
		TR 2730 DS002		TR 2734 24	6
THESE STATIONS UNIQUED by BLANKING OUT COLUMN 19.					
(2) DATES IN MANY STATIONS GIVEN AS MONTH-DAY-YEAR REARRANGED TO YEAR-Month-Day					
(3) OBSERVATION HOURS IN MANY STATIONS GREATER THAN 2400 - THEN 2400 SUBTRACTED & DAY INCREMENTED BY 1					
(4) TR 2735 SEQ 00063 LONG DEG CHANGED FROM 763 TO 163					
(5) IN RECORD TYPE 1's 'W's & 'B's IN COL 35 CHANGED TO N					
7909010102	CHANGED	7904010102		TR 2736 SEQ	00824
7917201501	"	7917021501		TR 2734 SEQ	00121
5333050450		53330504*		TR 2733 SEQ	00341
5333060342		53330603*		TR 2735 SEQ	00551
33055		330355		TR 2736 SEQ	0020
5333120302		5333040101		TR 2729 SEQ	00752
5330		5333		TR 2729 SEQ	00861
490270		490570		TR 2729 SEQ	01102
53331		5333190201		TR 2728 SEQ	00308
791501101		7915051101		TR 2727 SEQ	00447
7917020802		7917020801		TR 2727 SEQ	00975
7917020902		7917020901		TR 2727 SEQ	01045
7915054101		7915051401		TR 2725 SEQ	00067
7909020402		7909020401		TR 2725 SEQ	00215
66010503		660105		TR 2725 SEQ	00784
7903020103		7903010201		TR 2730 SEQ	00929
5333060237		53330602*		TR 2728 SEQ	01022
* COL 32 & 33 PLACED IN COL 40 & 41					

RECORD FORMAT DESCRIPTION

②

78-0030

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		
(6)	TR 2733	58	00341	'00' DELETED	
	33 FOR 2				
(7)	TR 2737	58	00558	OBSERVATION	
	DAY & HOUR UNAVAILABLE				

RECORD FORMAT DESCRIPTION

RD NAME Harb Record (Fish Resource Assessment)

14. NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Type	1	3	Bytes	A3	Always '023'
Identifier	4	6	Bytes	A6	File Creation Date (YYYYDD) or unique cruise number
ord Type	10	1	Bytes	I1	Always '1'
icy Code	11	2	Bytes	A2	Originator's internal code File 023
sel Code	13	2	Bytes	A2	Originator's internal code File 023
se Number	15	2	Bytes	A2	Analogous to MODC Station Number
or Set umber	17	3	Bytes	A3	
er of Hauls	20	4	Bytes	I4	Total number of hauls for this station (from 1 to 9999)
PC Area (Optional)	24	5	Bytes	A5	Enter International North Pacific Fishing Commission Area Code (originator's in- ternal code)
tude,					
egrees	29	2	Bytes	I2	If data are summarized, position is noon or average
minutes	31	2	Bytes	I2	
seconds	33	2	Bytes	I2	
hemisphere	35	1	Bytes	A1	Enter 'N' or 'S'
itude,					
egrees	36	3	Bytes	I3	If data are summarized, position is noon or average
minutes	39	2	Bytes	I2	
seconds	41	2	Bytes	I2	
hemisphere	43	1	Bytes	A1	Enter 'E' or 'W'

FIELD NAME	11. POSITION FROM-1 MEASURED IN Bytes (e.g., 010, 0100)	12. LENGTH		13. ATTRIBUTES	14. USE AND MEANING
		NUMBER	UNITS		
Year - in GMT	44	2	Bytes	I2	00-99 If data are summarized by month, date should reflect the year and month for the majority of observations. Similarly, including day, if summarized by day.
Month	46	2	Bytes	I2	
Day	48	2	Bytes	I2	
Hour - in GMT	50	2	Bytes	I2	0-23 Blank if data are summarized
Minute	52	2	Bytes	I2	
Gear Type Code	54	2	Bytes	A2	Use File 023 Gear Type Code
Duration of Fishing (optional)	56	3	Bytes	I3	Hours to tenths
Distance Fished (optional)	59	3	Bytes	I3	Kilometers to tenths
Direction of Tow (optional)	62	1	Bytes	A1	Use Compass Direction Code
Performance Code (optional)	63	1	Bytes	A1	Use File 023 Performance Code
Surface Temperature (optional)	64	3	Bytes	A3	Degrees and tenths Celsius, if negative, enter minus sign adjacent and to the left of the temperature value
Water Temperature (optional)	67	3	Bytes	A3	(same as above)
Average Depth of Bottom during Tow (optional)	70	4	Bytes	I4	Depth in meters
Bottom Type (optional)	74	2	Bytes	A2	Use File 023 Bottom Type Code

RECORD FORMAT DESCRIPTION

6-28-76

RECORD NAME Haul, continued (Fish Resource Assessment)

FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bit, byte)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Sounding Record	76	1	Bytes	A1	Blank - No information 1 - Echogram 2 - Echogram and photo 3 - Echogram and tape 4 - Depth from chart 5 - Depth estimated
Bottom Trawl Type	77	2	Bytes	A2	Use File 023 Bottom Trawl Gear Code
Bottom Trawl Accessories	79	2	Bytes	A2	Use File 023 Bottom Trawl Gear Accessories Code
Bottom Trawl Warp or Scope Length	81	4	Bytes	I4	Warp or scope length in meters. If Record 2 is used, enter warp or scope in that record and leave this field blank.
Water Temperature (Optional)	85	4	Bytes	I4	Degrees to tenths Celsius, if negative, enter minus sign adjacent and to the left of the temperature value
Present Weather (optional)	89	1	Bytes	A1	WMO Code 4501
Cloud Amount (optional)	90	1	Bytes	A1	WMO Code 2700
Sea State (optional)	91	1	Bytes	A1	WMO Code 3700
Wind Direction (optional)	92	1	Bytes	A1	Use Compass Direction Code
Wind Force (optional)	93	1	Bytes	A1	Use Beaufort Wind Force Code (0 thru 9)
Current Direction	94	1	Bytes	A1	Use Compass Direction Code
Current Force	95	2	Bytes	I2	Current magnitude in meters to tenths per second
Record Modifier	97	3	Bytes	A3	'Y' in byte 97 indicates average over a day 'Z' in byte 97 indicates average over a month The number of days used in average is entered on bytes 98 and 99. This field is blank for single observation
Sequence Number	100	5	Bytes	I5	Ascending numeric, used for sorting

RECORD FORMAT DESCRIPTION

RECORD NAME Trawl Gear Record, continued (Fish Resource Assessment)

1. FIELD NAME	15. POSITION FROM - 1 MEASURED IN BYTES (e.g., Min, Lyma)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Pickler	46	1	Bytes	A1	Blank - unknown 0 = no, 1 = yes
Roller Gear	47	1	Bytes	A1	Same as above
Length of Bridles	48	3	Bytes	I3	In meters
Length of Doors	51	2	Bytes	I2	In meters to tenths
Width of Doors	53	2	Bytes	I2	In meters to tenths
Warp Length	55	4	Bytes	I4	In meters
Depth of Gear	59	4	Bytes	I4	In meters
Blank	63	34	Bytes	34X	
Record Modifier	97	3	Bytes	A3	'Y' in byte 97 indicates average over a day. 'Z' in byte 97 indicates average over a month The number of days used in average is entered on bytes 98 and 99. This field is blank for single observation.
Sequence Number	100	5	Bytes	I5	Ascending numeric, used for sorting

RECORD FORMAT DESCRIPTION

RECORD NAME Miscellaneous Gear Record (optional) (Fish Resource Assessment)

FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., 010, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Note: . When Record Type 3 is used, Record Type 2 is not used and vice versa					
File Type	1	3	Bytes	A3	Always '023'
File Identifier	4	6	Bytes	A6	File creation date (YYMMDD) or unique cruise number
Record Type	10	1	Bytes	I1	Always '3'
Agency Code	11	2	Bytes	A2	Originator's internal code File 023
Vessel Code	13	2	Bytes	A2	Originator's internal code File 023
Cruise Number	15	2	Bytes	A2	Originator's internal code File 023
Haul or Set Number	17	3	Bytes	A3	Analogous to NODC Station Number
Gear Type Code	20	2	Bytes	A2	Use File 023 Gear Type Code
Length	22	4	Bytes	I4	Overall length, length/skate, length/shackle, etc. in meters
Net Depth	26	2	Bytes	I2	Depth of gillnet shackles or seine in meters
Number of Units	28	2	Bytes	I2	Number of skates, shackles, troll lines, handlines, etc.
Gangion Length	30	2	Bytes	I2	In meters to tenths
Number of Subunits	32	2	Bytes	I2	Number of gangion/skate, hooks/line, etc.
Gear Material Code	34	1	Bytes	A1	Use File 023 Gear Material Code (except for gillnets)
Bait-Lure Code	35	2	Bytes	A2	Byte 35: 0 = bait, 1 = lure Byte 36: 1 = plastic lure 2 = plastic with feathers
Seine, Towing End Mesh	37	1	Bytes	A1	Use File 023 Mesh Code
Seine, Upper Mesh	38	1	Bytes	A1	Use File 023 Mesh Code

RECORD FORMAT DESCRIPTION

RECORD NAME Miscellaneous Gear Record (optional), continued (Fish Resource Assessment)

FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (0-60 Bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Line, Average Body Mesh	39	1	Bytes	A1	Use File 023 Mesh Code
Line, Bunt Mesh	40	1	Bytes	A1	Use File 023 Mesh Code
First Gillnet, Number of Shackles	41	2	Bytes	I2	Number of gillnet shackles
Material	43	1	Bytes	A1	Use File 023 Gear Material Code
Mesh	44	1	Bytes	A1	Use File 023 Mesh Code
Second Gillnet, Number of Shackles	45	2	Bytes	I2	Gillnet information in positions 41 through 44 can be repeated up to six times. Positions not required should be left blank
Material	47	1	Bytes	A1	
Mesh	48	1	Bytes	A1	
Third Gillnet, Number of Shackles	49	2	Bytes	I2	
Material	51	1	Bytes	A1	
Mesh	52	1	Bytes	A1	
Fourth Gillnet, Number of Shackles	53	2	Bytes	I2	
Material	55	1	Bytes	A1	
Mesh	56	1	Bytes	A1	
Fifth Gillnet, Number of Shackles	57	2	Bytes	I2	
Material	59	1	Bytes	A1	
Mesh	60	1	Bytes	A1	

RECORD FORMAT DESCRIPTION

RECORD NAME Trawl Gear Record (Fish Resource Assessment)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., 81th, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Note: When Record Type 2 is used, Record Type 3 is not used and vice versa.					
File Type	1	3	Bytes	A3	Always '023'
File Identifier	4	6	Bytes	A6	File creation date (YYMMDD) or unique cruise number
Record Type	10	1	Bytes	I1	Always '2'
Agency Code	11	2	Bytes	A2	Originator's internal code File 023
Vessel Code	13	2	Bytes	A2	Originator's internal code File 023
Cruise Number	15	2	Bytes	A2	Analogous to NODC Station Number
Haul or Set Number	17	3	Bytes	A3	
Gear Type Code	20	2	Bytes	A2	File 023 Gear Type Code.
Opening Height Trawl	22	3	Bytes	I3	In meters to tenths
Opening Width of Trawl	25	3	Bytes	I3	In meters to tenths
Overall Length of Trawl	28	3	Bytes	I3	In meters
Codend Length	31	2	Bytes	I2	In meters
Foot Rope Length	33	2	Bytes	I2	In meters
Head Rope Length	35	2	Bytes	I2	In meters
Gear Material Code	37	1	Bytes	A1	Use File 023 Gear Material Code
Opening Mesh	38	1	Bytes	A1	Use File 023 Mesh Code
Average Body Mesh	39	1	Bytes	A1	Use File 023 Mesh Code
Codend Mesh	40	1	Bytes	A1	Use File 023 Mesh Code
Codend Liner	41	1	Bytes	A1	Blank - unknown 0 = no, 1 = yes
Number of Floats	42	2	Bytes	I2	
Float Diameter	44	2	Bytes	I2	In centimeters

RECORD FORMAT DESCRIPTION

RECORD NAME Miscellaneous Gear Record (optional), continued (Fish Resource Assessment)

1. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, 0/100)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Sixth Gillnet, Number of Shackles	61	2	Bytes	I2	
Material	63	1	Bytes	A1	
Mesh	64	1	Bytes	A1	
Depth of Gear	65	4	Bytes	I4	In meters fishing depth
Blanks	69	28	Bytes	28X	
Record Modifier	97	3	Bytes	A3	'Y' in byte 97 indicates average over a day 'Z' in byte 97 indicates average over a month The number of days used in average is entered on bytes 98 and 99. This field is blank for single observation.
Sequence Number	100	5	Bytes	I5	Ascending numeric, used for sorting

RECORD FORMAT DESCRIPTION

6-28-76

RECORD NAME Species Catch Record (Fish Resource Assessment)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '023'
File Identifier	4	6	Bytes	A6	File Creation Date (YYMMDD) or unique cruise number
Record Type	10	1	Bytes	I1	Always '4'
Agency Code	11	2	Bytes	A2	Originator's internal code File 023
Vessel Code	13	2	Bytes	A2	Originator's internal code File 023
Cruise Number	15	2	Bytes	A2	Analogous to NOEC Station Number
Haul or Set Number	17	3	Bytes	A3	
Sample Number	20	4	Bytes	A4	
Taxonomic Code	24	10	Bytes	5A2	To species level
Total Weight of Species	34	8	Bytes	I8	Total weight of one species for a haul in kilograms to hundredths
Weight Determination (optional if total weight of species not given)	42	1	Bytes	A1	1 - Total catch of species weighed 2 - Prorated on basis of subsample 3 - Rough estimate
Total Number	43	6	Bytes	I6	Total number of one species in a haul
Number Determination (optional if total number not given)	49	1	Bytes	A1	1 - Actual count 2 - Prorated on basis of subsample 3 - Rough estimate 4 - Volumetric estimation 5 - Rough estimate of a few hundred 6 - Rough estimate of a few thousand
Sex Maturity Code (optional)	50	1	Bytes	A1	Average or predominate maturity
Life History Code (optional)	51	1	Bytes	A1	Average age or predominate age of group
Number of Species Examined (optional)	52	4	Bytes	I4	Number of species examined in a haul-relates to Record Types 5 and/or 6
Blanks	56	4.1	Bytes	41X	

RECORD FORMAT DESCRIPTION

RECORD NAME Species Catch Record, continued (Fish Resource Assessment)

FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., b10, byte 1)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Record Modifier	97	3	Bytes	A3	'Y' in byte 97 indicates average over a day 'Z' in byte 97 indicates average over a month The number of days used in average is entered on bytes 98 and 99. This field is blank for single observation
Sequence Number	100	5	Bytes	15	Ascending numeric, used for sorting

File 023
AGENCY CODE
(Originator's Internal Code)

- 10 - NOAA, NMFS
- 11 - NWFC Seattle
- 12 - Auke Bay
- 13 - Foreign vessels observer Japan
- 14 - Foreign vessels observer USSR

- 20 - State Agencies
- 21 - ADFG

- 30 - Universities
- 31 - U. of Washington, PRI
- 32 - U. of Hokkaido, Suisangakubu

- 40 - Fisheries Research Board of Canada
- 41 - Nanaimo Biological Station

- 50 - Japan, Far Seas Fisheries Agency

- 60 - USSR

3-22/77

File 023
VESSEL CODE
(Originator's International Code)

use for files
023

Right adjusted with blank to left

A. - California Rose
B. - Bertha Ann
BB. - Brown Bear
C. - Commander
D. - Pioneer
F. - Mitkof
H. - Harmony
K. - George B. Kelez
L. - Celtic
M. - Marine View
N. - Attu
O. - Ocean Pride
P. - Paragon
R. - Renown
RN. - Resolution
S. - St. Michael
SY. - Sockeye
T. - Malka
U. - Windward
VQ. - Viking Queen
X. - Storm

02 - Cobb
04 - Commando
14 - Oregon
16 - Mark I
17 - Anna Marie
18 - North Pacific
19 - Pat San Marie
20 - Tordenskjold
21 - Miller Freeman
22 - Pacific Raider
23 - Big Valley
24 - Skiff
28 - Deep Sea

N4 - Nuisance 4
OS - Oshoro Maru
GR - G.B. Reed
DG - Dutch Girl

→ HD - Humdinger

File 023 Gear Type Codes

- 10 - Purse seines, ringnets, etc.
- 11 - Purse seine with power block
- 12 - Lampara
- 13 - Beach Seine

- 20 - Gillnets
- 21 - Drift gillnet
- 22 - Towed gillnet
- 23 - Set gillnet

- 30 - Bottom trawls
- 31 - Otter trawl
- 32 - Pair trawl
- 33 - Danish seine
- 34 - Beam trawl
- 35 - Shrimp trawl

- 40 - Midwater trawls
- 41 - Isaacs-Kidd trawl
- 42 - Bongo Net
- 43 - Herring trawl

- 50 - Surface trawls
- 51 - Towner
- 52 - Two-vessel operated tow net
- 53 - Single-vessel operated tow net
- 54 - Plankton-larvae net

- 60 - Pelagic longline
- 61 - Surface longline
- 62 - Midwater longline

- 70 - Bottomset longline

- 80 - Setnets, reef nets, traps
- 81 - Trammel net

- 90 - Trolls, handlines, etc.
- 91 - Troll
- 92 - Handlines
- 93 - Dipnets, hand-held
- 94 - Liftnets

7-28-76

File 023 Gear Material Code

- 0 - Monofilament Nylon
- 1 - Multifilament (braided) Nylon
- 2 - Multifilament (braided) Cotton
- 3 - Synthetic, various
- 4 - Silk
- 5 - Manila
- 6 - Linen

7-28-76

File 023 Mesh Code

- 0 - 0-0.99" (0-25mm)
- 1 - 1.0-1.99" (25.4-50.5mm)
- 2 - 2.0-2.99" (51-76mm)
- 3 - 3.0-3.99" (76.2-101.4mm)
- 4 - 4.0-4.99" (101.6-126.8mm)
- 5 - 5.0-5.99" (127-152.2mm)
- 6 - 6.0-6.99" (152.4-177.5mm)
- 7 - 7.0-7.99" (177.8-203mm)
- 8 - 8.0-8.99" (203.2-228.4)
- 9 - 9.0"++ (228.6-)
- A - 0-1mm
- B - 1-4mm
- C - Variable mesh, sinking
- D - Variable mesh, floating

File 003 Performance Code

0 - Satisfactory

1 - Satisfactory in spite of gear problems; snarling, bottom gear hung up, etc.

2 - Catch affected by predators

5 - Unsatisfactory

6 - Unsatisfactory; gear problems, snarling, bottom gear hung up, etc.

7 - Unsatisfactory; gear damage

8 - Unsatisfactory; mechanical failures.

TABLE 21

Present Weather

WMO Code 1-501 for recording present weather

**Code
figure**

- 0** Clear (no cloud at any level)
- 1** Partly cloudy (scattered or broken)
- 2** Continuous layer(s) of cloud(s)
- 3** Sandstorm, duststorm, or blowing snow
- 4** Fog, thick dust or haze
- 5** Drizzle
- 6** Rain
- 7** Snow, or rain and snow mixed
- 8** Shower(s)
- 9** Thunderstorm(s)

File 023 Bottom Trawl Gear Accessories Code

- 00 - 6'x9' steel V-doors; two 15-fathom bridles from each wing joined to a single 30-fathom bridle; 18" extension on lower wing.
- 01 - Same as 00 but with 1 1/4" mesh liner in codend.
- 05 - 6'x9' aluminum V-doors, 30-fathom bridles, 1 1/4" mesh liner in codend.
- 07 - 6'x9' aluminum V-doors, 20-fathom bridles.
- 08 - 6'x9' aluminum V-doors, 20-fathom bridles, 1 1/4 mesh liner in codend
- 10 - 5'x7' steel V-doors; two 20-fathom bridles from each wing
- 11 - 5'x7' steel V-doors; three 30-fathom bridles from each wing
- 12 - Same as 10 but with 1 1/4 mesh liner in codend.
- 13 - Same as 11 but with 1 1/4 mesh liner in codend
- 20 - 5'x7' steel V-door; two 30-fathom bridles from each wing
- 30 - 6'x9' steel V-doors with Norwegian trawl bridle (1 1/4" liner) arrangement.
- 31 - Same as 30 but with 1 1/4" mesh liner in codend.
- 32 - 5'x9' Steel V-doors; two 20 fathom bridles from each wing
- ~~13 - 6'x7' Steel V-doors; two 20 fathom bridles from each wing~~
- 14 5'x7' Steel V-doors; two 5 fathom bridles from each wing
- 15 5'x7' Steel V-doors, two 10 fathom bridles from each wing

File 023 Bottom Trawl Gear Code

- 00 - Modified eastern trawl with 94' footrope and 70' headrope; 5 1/2" mesh (#42) in wings and body, 3 1/2" mesh (#60) in intermediate, and 3 1/2" mesh (#96) in codend; 21 floats (8" diam.) on headrope; chain and rubber discs on footrope.
- 01 - Same as 00 but no chain on footrope
- 05 - Modified eastern trawl with 111' footrope; 5 1/2" mesh web in wings and body, 3 1/4 " web in intermediate, and 3" mesh web in codend; 21 floats - 18 of 8" diam. and 3 of 10" diam.
- 06 - Same as 05 but with roller gear.
- 10 - Norwegian trawl.
- 11 - Same as 10 but with roller gear.
- 20 - 400 mesh eastern fish trawl with 94' footrope and 71' headrope; 4" mesh (#36) in wings, square and belly, 3 1/2 " mesh (#60) in intermediate, and 3 1/2" mesh (#96) in codend, 11 to 15 (deep-sea) floats (8" diam.) on headrope.
- 30 - Mark II (modified) universal trawl with 94' footrope and 94' headrope; 5 1/2" (#36) mesh in wings and forward sections, 2 1/2" (#36) mesh in after sections, 3 1/2" (#96) mesh in codend; 31 floats (8" diam) on headrope.
- 22 - Same as 20 but with 21 floats.
- 23 - Same as 20 but with 21 floats and roller gear.
- 24 - Same as 20 but with 36 floats and roller gear.
- 40 - 2/3 scale Cobb pelagic trawl, 2" size multifilament web (#18) in body and 2" size multifilament web (#60) in codend, 41 floats.

6-108-116

Compass Direction Code

blank - No information

0 - Calm (Stationary)

1 - N 337.5° to 22.5°

2 - NE 22.5° to 67.5°

3 - E 67.5° to 112.5°

4 - SE 112.5° to 157.5°

5 - S 157.5° to 202.5°

6 - SW 202.5° to 247.5°

7 - W 247.5° to 292.5°

8 - NW 292.5° to 337.5°

9 - Multiple directions (confused)

A - Directly overhead

TABLE 17

Wind Force

Conversion from knots, meters per second, kilometers per hour, and miles per hour to the Beaufort wind scale

CODE	DESCRIPTIVE TERM	VELOCITY EQUIVALENT AT A STANDARD HEIGHT OF 10 METERS ABOVE OPEN FLAT GROUND			
		mean velocity in knots	meters/sec	km/h	m.p.h.
0	Calm	< 1	0 - 0.2	< 1	< 1
1	Light air	1 - 3	0.3 - 1.5	1 - 5	1 - 3
2	Light breeze	4 - 6	1.6 - 3.3	6 - 11	4 - 7
3	Gentle breeze	7 - 10	3.4 - 5.4	12 - 19	8 - 12
4	Moderate breeze	11 - 16	5.5 - 7.9	20 - 28	13 - 18
5	Fresh breeze	17 - 21	8.0 - 10.7	29 - 38	16 - 24
6	Strong breeze	22 - 27	10.8 - 13.8	39 - 49	23 - 31
7	Near gale	28 - 33	13.9 - 17.1	50 - 61	32 - 38
8	Gale	34 - 40	17.2 - 20.7	62 - 74	39 - 47
9	Strong gale	41 - 47	20.8 - 24.4	75 - 88	47 - 54
10	Storm	48 - 55	24.5 - 28.4	89 - 102	55 - 63
11	Violent storm	56 - 63	28.5 - 32.6	103 - 117	64 - 72
12	Hurricane	64 - 71	32.7 - 36.9	118 - 133	73 - 82
13	—	72 - 80	37.0 - 41.4	134 - 149	83 - 92
14	—	81 - 87	41.5 - 46.1	150 - 166	92 - 103
15	—	88 - 99	46.2 - 50.9	167 - 183	104 - 114
16	—	100 - 108	51.0 - 56.0	184 - 201	115 - 125
17	—	109 - 118	56.1 - 61.2	202 - 220	126 - 136

Cloud Amount

WMO Code SYNO for recording cloud amount

Code

0	0	0
1	1 okta or less, but not zero	$\frac{1}{10}$ or less, but not zero
2	2 oktas	$\frac{2}{10} - \frac{2}{10}$
3	3 oktas	$\frac{3}{10}$
4	4 oktas	$\frac{4}{10}$
5	5 oktas	$\frac{5}{10}$
6	6 oktas	$\frac{6}{10} - \frac{6}{10}$
7	7 oktas or more, but not 8 oktas	$\frac{7}{10}$ or more, but not $\frac{10}{10}$
8	8 oktas	$\frac{10}{10}$
9	Sky obscured, or cloud amount cannot be estimated	

WMO 468, 5th ed. for recording; Vol. 1, Part 1

Description	Height (†)		Code
	Feet*	Meters	
Calm-glassy	0	0	0
Calm-rippled	0 - 1/4	0 - 0.1	1
Smooth-wavelet	1/4 - 1 1/4	0.1 - 0.5	2
Slight	1 1/4 - 4	0.5 - 1.25	3
Moderate	4 - 8	1.25 - 2.5	4
Rough	8 - 13	2.5 - 4	5
Very rough	13 - 20	4 - 6	6
High	20 - 30	6 - 9	7
Very high	30 - 45	9 - 14	8
Phenomenal	> 45	> 14	9

(†) The average wave height as obtained from the larger well-formed waves of the wave system being observed.

* The exact bounding height is to be assigned for the lower code figure, e.g. a height of 4 meters is coded as 5.

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 78-0030

- 1) File Type: 123
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: 2725, 2726, 2727, 2728,
2729

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

None

M. L. ...

SESSION/TRACK NO.: 78-6736 / TR 725-2729

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	BLANK	NL	80	4000	FB		5057
DUPLICATE	W12543	NL	80	4000	FB		5057
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	D15773*F123A TR2725						5057
EDITED DISK FILE	DM NO 6 * MPD 75. TR 2725 / F123						5057

DATA SET FILE .INIT

RECORDS/TRACE

78-0030/TIC2725

2-729

Step	Completion Date/Init.	Tape # or ID#	# of Files	BLKSIZE	RECL	# RECORDS
ORIGINATOR TAPE #	7/19/82 JH	BLACKN	1	4000	80	5057
QUAD1/SCAN TAPE #	7/19/82 JH	W12543	2	4000	80	5057
ASSIGNED FOR PROCESS.						
EOF EVALUATION	10/10/82					
QUALITY REVIEW	10/10/82					
RELIMINARY DATA SORT						
RELIMINARY FILECHK	10/9/82	D15773*	F123A	TR2725		5057
FIRST USER TAPE #						
WORK DISK FILE	10/9/82					
FINAL USER TAPE #						
FINAL FILECHK	10/9/82					
EDITED DISK FILE		DMNOE*	MPD75.T2725/F123			5057
DATA SET "FINALIZED"						

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7800030	F123	TR2725	0081	3134	32BP	1977/03/24	C5	306269
7800030	F123	TR2726	0081	3134	32BP	1976/08/31	C4	306270
7800030	F123	TR2727	0081	3134	32BP	1976/08/01	C3	306271
7800030	F123	TR2728	0081	3134	32BP	1976/06/27	C2	306272
7800030	F123	TR2729	0081	3134	32BP	1976/06/17	C1	306273
7800030	F123	TR2730	0081	3134	32BP	1977/03/05	U5A5	306274
7800030	F123	TR2731	0081	3134	32BP	1976/09/20	U4A4	306275
7800030	F123	TR2732	0081	3134	32BP	1976/08/20	U3A3	306276
7800030	F123	TR2733	0081	3134	32BP	1976/07/19	U2A2	306277
7800030	F123	TR2734	0081	3134	317B	1976/06/23	K1-6	306278
7800030	F123	TR2735	0081	3134	317B	1976/07/07	N1-8	306279
7800030	F123	TR2736	0081	3134	317B	1976/07/15	S1-5	306280
7800030	F123	TR2737	0081	3134	317B	1976/06/16	F1	306281

(13 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7800030	F123	TR2725	32BP	18	450	77/03/24	77/03/30
7800030	F123	TR2726	32BP	149	1011	76/08/31	76/10/14
7800030	F123	TR2727	32BP	166	1207	76/08/01	76/08/28
7800030	F123	TR2728	32BP	176	1175	76/06/27	76/07/30
7800030	F123	TR2729	32BP	53	1214	76/06/17	76/06/22
7800030	F123	TR2730	32BP	45	1313	77/03/05	77/03/18
7800030	F123	TR2731	32BP	48	1064	76/09/20	76/09/29
7800030	F123	TR2732	32BP	47	1246	76/08/20	76/08/27
7800030	F123	TR2733	32BP	53	1405	76/07/19	76/07/28
7800030	F123	TR2734	317B	192	1202	76/06/23	76/09/10
7800030	F123	TR2735	317B	206	1120	76/07/07	76/09/15
7800030	F123	TR2736	317B	100	445	76/07/15	76/08/17
7800030	F123	TR2737	317B	153	732	76/06/16	76/08/06

(13 rows affected)