

# 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

<b>1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED</b>  University of Washington Department of Oceanography Seattle, Washington 98105							
<b>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</b>  Technical Report No. 113 Technical Report No. 114		<b>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT</b>  BB257  TR1379					
<b>4. PLATFORM NAME(S)</b>  Brown Bear	<b>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</b>  Ship	<b>6. PLATFORM AND OPERATOR NATIONALITY(IES)</b>  U.S.      U.S.	<b>7. DATES</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">FROM: MO, DAY, YR</th> <th style="width: 50%;">TO: MO, DAY, YR</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">04/19/60</td> <td style="text-align: center;">04/22/60</td> </tr> </tbody> </table>	FROM: MO, DAY, YR	TO: MO, DAY, YR	04/19/60	04/22/60
FROM: MO, DAY, YR	TO: MO, DAY, YR						
04/19/60	04/22/60						
<b>8. ARE DATA PROPRIETARY?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		<b>9. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</b>  GENERAL AREA					
<b>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?</b> (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							
<b>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</b>  Eugene E. Collias Clifford A. Barnes		(This area contains the map grid and is shared with item 9.)					

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(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

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

University of Washington  
Department of Oceanography  
Seattle, Washington 98105

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

Technical Report No. 113  
Technical Report No. 114

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

BB259  
TR1380

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

Brown Bear

Ship

U.S.

U.S.

05/02/60 05/06/60

8. ARE DATA PROPRIETARY?

 NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH

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

.GENERAL AREA

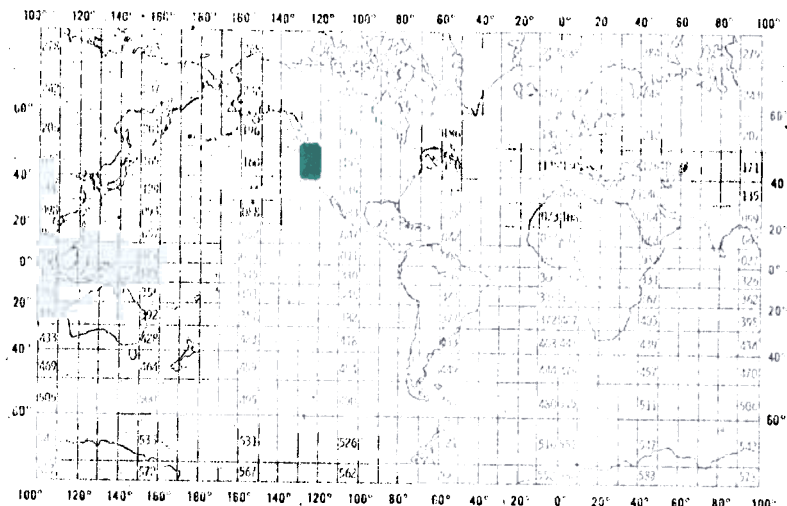
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

 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)

Eugene E. Collias  
Clifford A Barnes



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OAA FORM 24-13  
(4-72)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
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ROCKVILLE, MARYLAND 20852

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Technical Report No. 113  
Technical Report No. 114

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

BB261

TE1381

4. PLATFORM NAME(S)

Brown Bear

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

Ship

6. PLATFORM AND OPERATOR NATIONALITY(IES)

U.S.

U.S.

7. DATES

FROM: MO/DAY/YR  
05/17/60

TO: MO/DAY/YR  
05/17/60

8. ARE DATA PROPRIETARY?

NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? (YEAR MONTH)

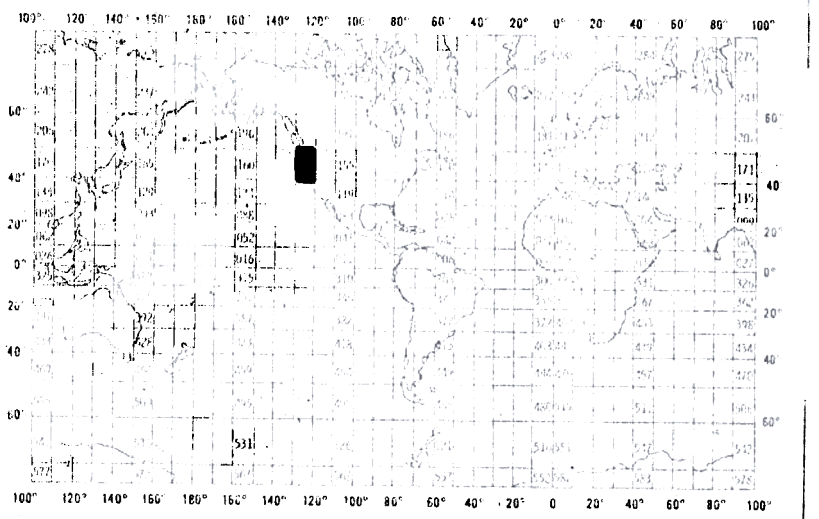
9. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

.GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

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)

Eugene E. Collias  
Clifford A Barnes

## DATA DOCUMENTATION FORM

NOAA FORM 24-13  
4-72U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852FORM APPROVED  
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University of Washington Department of Oceanography Seattle, Washington 98105			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Technical Report No. 113 Technical Report No. 114		BB262  TR1382	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	DATES
Brown Bear	Ship	PLATFORM	OPERATOR
		U.S.	U.S.
		FROM: MO/DAY/YR	TO: MO/DAY/YR
		05/19/60	05/23/60
8. ARE DATA PROPRIETARY?		1. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		GENERAL AREA	
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?)			
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
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Eugene E. Collias Clifford A Barnes			

## DATA DOCUMENTATION FORM

NOAA FORM 24-13  
2-721U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852FORM APPROVED  
O.M.B. No. 41-R265

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>Technical Report No. 113 Technical Report No. 114</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>BB264 TR1383</i>	
4. PLATFORM NAME(S) <i>Brown Bear</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>Ship</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) <i>U.S. U.S.</i>	7. DATES FROM: <i>MO/DAY/YR</i> TO: <i>MO/DAY/YR</i> <i>06/07/60 06/08/60</i>
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL 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) <i>Eugene E. Collias Clifford A Barnes</i>			

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NOAA FORM 24-13  
4-72)

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

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O.M.B. No. 41-R265

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  <i>Technical Report No. 113 Technical Report No. 114</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  <i>BB265 TR134</i>													
4. PLATFORM NAME(S)  <i>Brown Bear</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BOOY, ETC.)  <i>Ship</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES)  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">PLATFORM</th> <th style="width: 25%;">OPERATOR</th> <th style="width: 25%;">FROM: MO, DAY, YR</th> <th style="width: 25%;">TO: MO, DAY, YR</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><i>U.S.</i></td> <td style="text-align: center;"><i>U.S.</i></td> <td style="text-align: center;"><i>06/10/60</i></td> <td style="text-align: center;"><i>06/11/60</i></td> </tr> </tbody> </table>	PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR	<i>U.S.</i>	<i>U.S.</i>	<i>06/10/60</i>	<i>06/11/60</i>	7. DATES  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">FROM: MO, DAY, YR</th> <th style="width: 25%;">TO: MO, DAY, YR</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><i>06/10/60</i></td> <td style="text-align: center;"><i>06/11/60</i></td> </tr> </tbody> </table>	FROM: MO, DAY, YR	TO: MO, DAY, YR	<i>06/10/60</i>	<i>06/11/60</i>
PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR												
<i>U.S.</i>	<i>U.S.</i>	<i>06/10/60</i>	<i>06/11/60</i>												
FROM: MO, DAY, YR	TO: MO, DAY, YR														
<i>06/10/60</i>	<i>06/11/60</i>														
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		9. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  <div style="text-align: center;">GENERAL AREA</div>													
5. ARE DATA DECLARED NATIONAL PROGRAM (DNPI)? (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)		9. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. (Continuation of map)													
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  <i>Eugene E. Collias Clifford A. Barnes</i>															

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NOAA FORM 24-13  
4-72U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852FORM APPROVED  
O.M.B. No. 41-R2051

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University of Washington Department of Oceanography Seattle, Washington 98105			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Technical Report No. 113 Technical Report No. 114		BB271  TR1365	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BOAT, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Brown Bear	Ship	U.S. U.S.	FROM: MO, DAY, YR TO: MO, DAY, YR 12/08/60 12/08/60
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)  Eugene E. Collias Clifford A Barnes			

## DATA DOCUMENTATION FORM

NOAA FORM 21-13  
4-721U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
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4. PLATFORM NAME(S) <i>Brown Bear</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BOAT, ETC.) <i>Ship</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <i>U.S. U.S.</i>	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR <i>12/14/60 12/20/60</i>
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (NRP)? (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)			
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4. PLATFORM NAME(S) <i>Brown Bear</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>Ship</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <i>U.S. U.S.</i>	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR <i>12/27/60 12/30/60</i>
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA	
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*Technical Report No. 113  
Technical Report No. 114*

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

*BB276  
TR1388*

4. PLATFORM NAME(S)

*Brown Bear*

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

*Ship*

6. PLATFORM AND OPERATOR NATIONALITY(IES)

*U.S. U.S.*

7. DATES

FROM: MO/DAY/YR		TO: MO/DAY/YR	
<i>02</i>	<i>06</i>	<i>02</i>	<i>06</i>
<i>61</i>		<i>61</i>	

8. ARE DATA PROPRIETARY?

NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR \_\_\_\_\_ MONTH \_\_\_\_\_

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

.GENERAL AREA

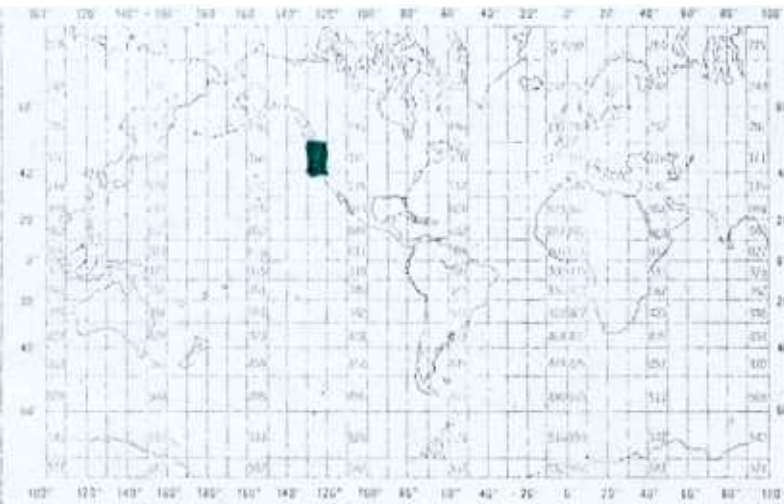
10. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO  YES  PART (SPECIFY BELOW)

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

*Eugene E. Collias  
Clifford A. Barnes*



# 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-R2051

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## A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED  <i>University of Washington Department of Oceanography Seattle, Washington 98105</i>											
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  <i>Technical Report No. 113 Technical Report No. 114</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  <i>BB279 TR1389</i>									
4. PLATFORM NAME(S)  <i>Brown Bear</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  <i>Ship</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES)  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">PLATFORM</th> <th style="width: 50%;">OPERATOR</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><i>U.S.</i></td> <td style="text-align: center;"><i>U.S.</i></td> </tr> </tbody> </table>	PLATFORM	OPERATOR	<i>U.S.</i>	<i>U.S.</i>	7. DATES  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">FROM: MO/DAY/YR</th> <th style="width: 50%;">TO: MO/DAY/YR</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><i>02/28/61</i></td> <td style="text-align: center;"><i>02/28/61</i></td> </tr> </tbody> </table>	FROM: MO/DAY/YR	TO: MO/DAY/YR	<i>02/28/61</i>	<i>02/28/61</i>
PLATFORM	OPERATOR										
<i>U.S.</i>	<i>U.S.</i>										
FROM: MO/DAY/YR	TO: MO/DAY/YR										
<i>02/28/61</i>	<i>02/28/61</i>										
8. ARE DATA PROPRIETARY?  <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  <div style="text-align: center;">GENERAL AREA</div>									
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)  <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  <i>Eugene E. Collias Clifford A Barnes</i>									
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## 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 20852FORM APPROVED  
O.M.B. No. 41-R205

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University of Washington Department of Oceanography Seattle, Washington 98105			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Technical Report No. 113 Technical Report No. 114		BB284 TR1390	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Brown Bear	Ship	PLATFORM	OPERATOR
		FROM: MO, DAY, YR	TO: MO, DAY, YR
		U.S.	U.S.
			04/17/61 04/21/61
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 (DNPP)? I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE? <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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) Eugene E. Collias Clifford A. Barnes			

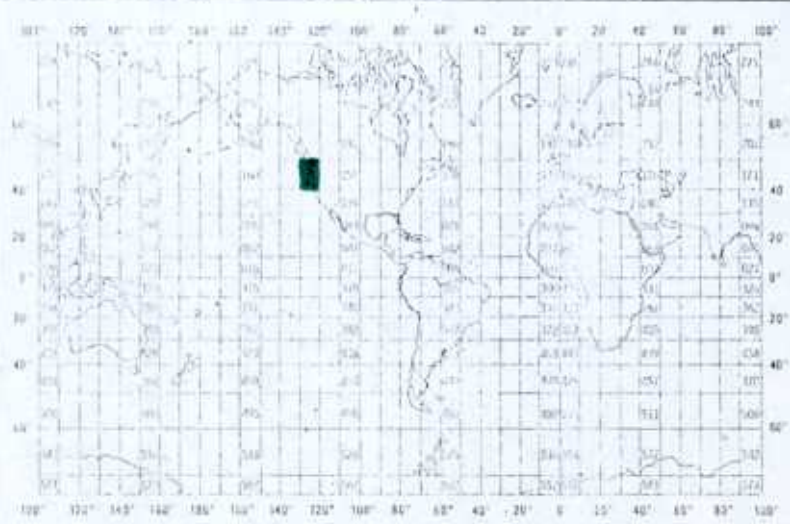
## DATA DOCUMENTATION FORM

NOAA FORM 24-13  
(4-74)U.S. DEPARTMENT OF COMMERCE  
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4. PLATFORM NAME(S) <i>Brown Bear</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BOAT, ETC.) <i>Ship</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <i>U.S. U.S.</i>	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR <i>04/28/61 04/28/61</i>
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		9. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNPI)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) <i>Eugene E. Collias Clifford A Barnes</i>	

## 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 20852FORM APPROVED  
O.M.B. No. 41-R2651

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University of Washington Department of Oceanography Seattle, Washington 98105			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Technical Report No. 113 Technical Report No. 114		BB288 TR1392	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BOAT, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Brown Bear	Ship	U.S. U.S.	MO/DAY/YR TO: MO/DAY/YR 06/09/61 06/10/61
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 MARGEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNPI)? (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)			
Eugene E. Collias Clifford A Barnes			

## DATA DOCUMENTATION FORM

CAA 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-R2051

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>Technical Report No. 113 Technical Report No. 114</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>BB293 TR1393</i>	
4. PLATFORM NAME(S) <i>Brown Bear</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>Ship</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) <i>U.S. U.S.</i>	7. DATES FROM: <i>MO, DAY, YR</i> TO: <i>MO, DAY, YR</i> <i>09/14/61 09/15/61</i>
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? (YEAR MONTH)		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  <i>GENERAL AREA</i>	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNPI)? 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"/> PARTIALLY BELONG			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) <i>Eugene E. Collias Clifford A. Barnes</i>			

# 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-R269

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<b>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</b>  <i>Technical Report No. 113 Technical Report No. 114</i>		<b>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT.</b>  <i>BB294</i>													
<b>4. PLATFORM NAME(S)</b>  <i>Brown Bear</i>	<b>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</b>  <i>Ship</i>	<b>6. PLATFORM AND OPERATOR NATIONALITY(IES)</b>  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">PLATFORM</th> <th style="text-align: left;">OPERATOR</th> <th style="text-align: left;">FROM: MO/DAY/YE</th> <th style="text-align: left;">TO: MO/DAY/YE</th> </tr> </thead> <tbody> <tr> <td><i>U.S.</i></td> <td><i>U.S.</i></td> <td><i>11/03/61</i></td> <td><i>11/03/61</i></td> </tr> </tbody> </table>	PLATFORM	OPERATOR	FROM: MO/DAY/YE	TO: MO/DAY/YE	<i>U.S.</i>	<i>U.S.</i>	<i>11/03/61</i>	<i>11/03/61</i>	<b>7. DATES</b>  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">FROM: MO/DAY/YE</th> <th style="text-align: left;">TO: MO/DAY/YE</th> </tr> </thead> <tbody> <tr> <td><i>11/03/61</i></td> <td><i>11/03/61</i></td> </tr> </tbody> </table>	FROM: MO/DAY/YE	TO: MO/DAY/YE	<i>11/03/61</i>	<i>11/03/61</i>
PLATFORM	OPERATOR	FROM: MO/DAY/YE	TO: MO/DAY/YE												
<i>U.S.</i>	<i>U.S.</i>	<i>11/03/61</i>	<i>11/03/61</i>												
FROM: MO/DAY/YE	TO: MO/DAY/YE														
<i>11/03/61</i>	<i>11/03/61</i>														
<b>8. ARE DATA PROPRIETARY?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		<b>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?</b> (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)													
<b>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</b>  <i>Eugene E. Collias Clifford A Barnes</i>		<b>11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</b>  <p style="text-align: center;"><b>.GENERAL AREA</b></p>													



# DATA

NOAA FORM 24-13  
7-721

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-R265

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  <i>Technical Report No. 113 Technical Report No. 114</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  <i>BB296 TE1395</i>									
4. PLATFORM NAME(S)  <i>Brown Bear</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  <i>Ship</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES)  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">PLATFORM</th> <th style="width: 50%;">OPERATOR</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><i>U.S.</i></td> <td style="text-align: center;"><i>U.S.</i></td> </tr> </tbody> </table>	PLATFORM	OPERATOR	<i>U.S.</i>	<i>U.S.</i>	7. DATES  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">FROM: MO, DAY, YR</th> <th style="width: 50%;">TO: MO, DAY, YR</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><i>11/13/61</i></td> <td style="text-align: center;"><i>11/17/61</i></td> </tr> </tbody> </table>	FROM: MO, DAY, YR	TO: MO, DAY, YR	<i>11/13/61</i>	<i>11/17/61</i>
PLATFORM	OPERATOR										
<i>U.S.</i>	<i>U.S.</i>										
FROM: MO, DAY, YR	TO: MO, DAY, YR										
<i>11/13/61</i>	<i>11/17/61</i>										
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  <p style="text-align: center;">GENERAL AREA</p>									
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# DATA DOCUMENTATION FORM

OAA FORM 24-13  
6-721

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

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

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4. PLATFORM NAME(S)  <i>YTL 49</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  <i>Ship</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES)  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">PLATFORM</th> <th style="width: 50%;">OPERATOR</th> </tr> <tr> <td style="text-align: center;"><i>U.S.</i></td> <td style="text-align: center;"><i>U.S.</i></td> </tr> </table>	PLATFORM	OPERATOR	<i>U.S.</i>	<i>U.S.</i>	7. DATES  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">FROM: MO/DAY/YR</th> <th style="width: 50%;">TO: MO/DAY/YR</th> </tr> <tr> <td style="text-align: center;"><i>09/02/59</i></td> <td style="text-align: center;"><i>09/04/59</i></td> </tr> </table>	FROM: MO/DAY/YR	TO: MO/DAY/YR	<i>09/02/59</i>	<i>09/04/59</i>
PLATFORM	OPERATOR										
<i>U.S.</i>	<i>U.S.</i>										
FROM: MO/DAY/YR	TO: MO/DAY/YR										
<i>09/02/59</i>	<i>09/04/59</i>										
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# DATA DOCUMENTATION FORM

NOAA FORM 24-13  
4-72)

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED							
<i>University of Washington Department of Oceanography Seattle, Washington 98105</i>							
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT.					
<i>Technical Report No. 113 Technical Report No. 114</i>		<i>DAB2A2 TR1403</i>					
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES				
<i>YTL 49</i>	<i>Ship</i>	<i>U.S. U.S.</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">FROM: MO/DAY/YR</td> <td style="padding: 2px;">TO: MO/DAY/YR</td> </tr> <tr> <td style="padding: 2px;"><i>09/10/59</i></td> <td style="padding: 2px;"><i>09/10/59</i></td> </tr> </table>	FROM: MO/DAY/YR	TO: MO/DAY/YR	<i>09/10/59</i>	<i>09/10/59</i>
FROM: MO/DAY/YR	TO: MO/DAY/YR						
<i>09/10/59</i>	<i>09/10/59</i>						
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARGDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.					
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)		GENERAL AREA					
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)							
<i>Eugene E. Collias Clifford A. Barnes</i>							

# 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

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*University of Washington  
Department of Oceanography  
Seattle, Washington 98105*

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*Technical Report No. 113  
Technical Report No. 114*

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*DAB2A3*

*TR1404*

4. PLATFORM NAME(S)

*YTL 49*

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

*Ship*

6. PLATFORM AND OPERATOR NATIONALITY(IES)

*U.S.*

*U.S.*

7. DATES

FROM: MO/DAY/YR

TO: MO/DAY/YR

*09/15/59*

*09/17/59*

8. ARE DATA PROPRIETARY?

NO  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)?

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*Eugene E. Collias  
Clifford A. Barnes*

