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CAA RM 24-13 (4-72)

FORM APPROVE O.M.B. No. 41-R2

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Section A, Originator Identification,
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ORIGINATOR IDENTIFICATION

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

University of Washington
Department of Oceanography
Seattle, Washington 98105

EXPERIMENTAL DATA COLLECTED

SHIP(S) USED BY ORIGINATOR TO IDENTIFY SHIPMENT.

Technical Report No. 113
Technical Report No. 114

BB224

OPERATOR (IES)	DATE
OPERATOR FROM: MO, DAY, YR	TO: MO, DAY, YR

Brown Bear

Ship

U.S.

U.S.

03/30/59

04/01/59

8.

NO YES

INDICATE ALL MARDEN SQUARES IN WHICH ANY DATA OR SUBMISSION WERE COLLECTED.

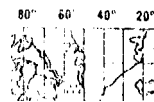
GENERAL DATA DECLARATION (DNPI) SHOULD BE

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GENERAL AREA

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

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

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

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

BB233

TR1369

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	TO: MO/DAY/YR
06/03/59	06/05/59

8. ARE DATA PROPRIETARY?

 NO YESIF 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

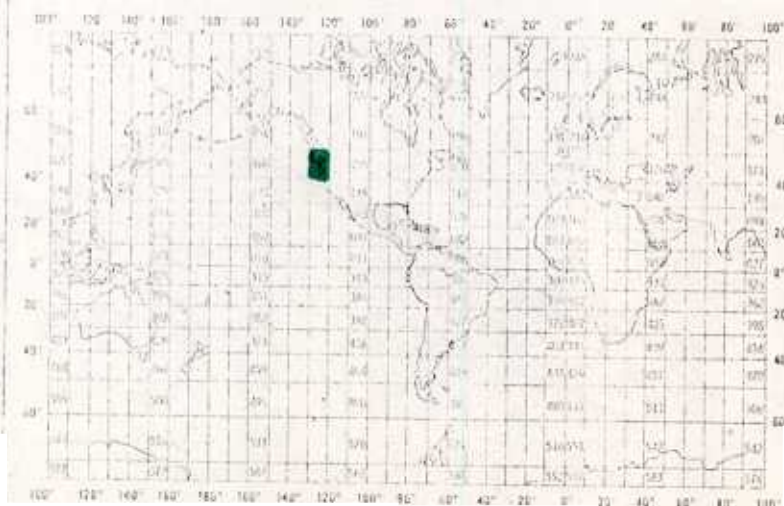
9. ARE DATA DECLARED NATIONAL PROGRAM (DNPI)?

(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
(7-72)

MERGE
ADMINISTRATIVE
CENTER
20852

FORM APPROVED
O.M.B. No. 41-R265

must be completed when the data
remaining pertinent information
reports, publications, or manus-
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Section A, Originator Identification,
highly desirable for NODC to also receive the
time. This may be most easily accomplished by attaching
are readily available describing data collection, analy-
ses are acceptable in all cases. All

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

University of Washington
Department of Oceanography
Seattle, Washington 98105

2. EXPEDITION DATA PROJECT, PROJECT NUMBER OR VESSEL NAME TO IDENTIFY

Technical Report No. 113
Technical Report No. 114

BB234
TR1370

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BOAT, 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.	06/08/59	06/19/59

8. ARE DATA PROPRIETARY? PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA TAKEN IN YOUR SUBMISSION WERE COLLECTED.

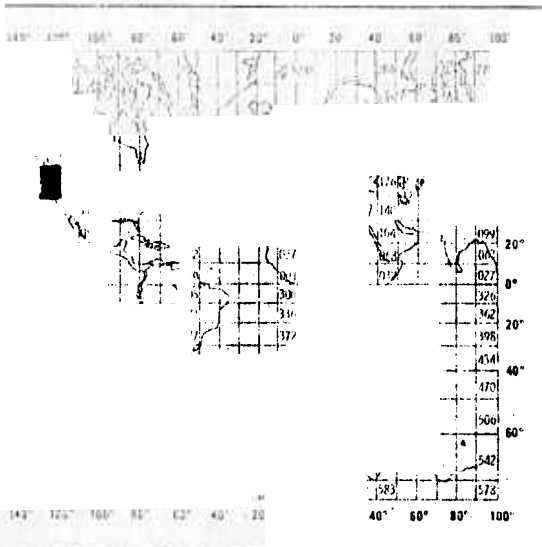
IF YES, WHEN CAN THEY BE FOR GENERAL USE? YEAR

ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN NATIONAL DATA COLLECTION?)

X | N

GENERAL AREA



PHONE NUMBER (AND OTHER CONTACT INFORMATION) THAN IN ITEM-1

Eugene E. Collias
Clifford A Barnes

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120° 140° 160° 180° 80° 60° 40° 20°

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University of Washington
Department of Oceanography
Seattle, Washington 98195

Technical Report No.
Technical Report No.

BB242

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FROM:				

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U.S

10/26/59 10/29/59

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DATA

.GENERA

Eugene E. Collias
Clifford A Barnes

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

NATION

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
41C DATA CENTER
505 EAST BAY AVENUE
SILVER SPRING, MARYLAND 20852

FORM APPROVED
O.M.B. No. 41-R265

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

University of Washington
Department of Oceanography
Seattle, Washington 98105

2. EXPEDITION, PROJECT, OR PROGRAM DATA WERE COLLECTED

Technical Report No. 113
Technical Report No. 114

UNDER WHICH

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

BB243

4. PLATFORM NAME(S)

5. PLATFORM

SHIP

Brown Bear

Ship

TR1372

6. PLATFORM AND OPERATOR NATIONALITY(IES)

7. DATES

PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
U.S.	U.S.	11/02/59	11/04/59

8. ARE DATA PROPRIETARY

NO YES

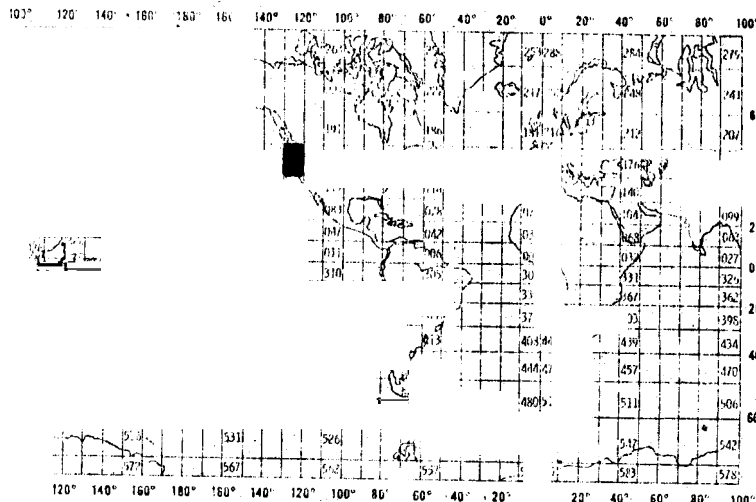
PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

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

GENERAL AREA

ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

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



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
(4-72)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

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			
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		BB247 TR1374	
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.	12/05/59 12/05/59
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 IDNPI? (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			

DAT DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

U.S. ADMINISTRATION

FORM APPROVED
O.M.B. No. 41-R26

This form should accompany all data shipments and must be completed when the data are submitted. It is highly desirable for NODC to also receive the original reports, publications, or manuscripts, and format specifics. Reports should be submitted in both original and duplicate form. All data shipments should be sent to the following address:

missions to NODC. Section A, Originator Identification, should be submitted. It is highly desirable for NODC to also receive the original reports, publications, or manuscripts, and format specifics. Reports should be submitted in both original and duplicate form. All data shipments should be sent to the following address:

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

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

University of Washington
Department of Oceanography
Seattle, Washington 98105

2. EXPEDITION, PROJECT, OR PROGRAM NAME AND DATA WERE COLLECTED UNDER WHICH SURVEY NUMBER(S) USED BY OR FOR IDENTIFICATION OF DATA IN THIS SHIPMENT

Technical Report No. 113
Technical Report No. 114

BB248

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4. PLATFORM NAME AND TYPE

OPERATOR	DATES	
	FROM: MO/DAY/YR	TO: MO/DAY/YR
U.S.	12/10/59	12/11/59

Brown Bear

Ship

U.S.

8. ARE DATA PROPRIETARY?

X NO

PLEASE CONTACT

9. MARSDEN SQUARES IN WHICH ANY DATA SUBMISSION WERE COLLECTED.

9. ARE DATA DECLARED UNDER A CONFIDENTIALITY PROGRAM (DNDP)?

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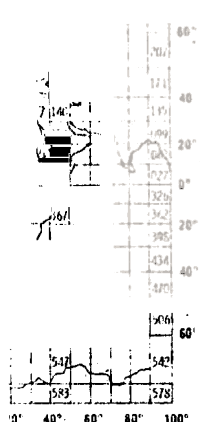
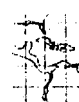
X NO

PERSONS TO WHOM DATA SHOULD BE FURNISHED (NAME AND ADDRESS)

Eugene E. Collias
Clifford A Barnes

102° 120° 140° 160° 180° 200° 220° 240° 260° 280° 300° 320°

80° 60° 40° 20°



102° 120° 140° 160° 180° 200° 220° 240° 260° 280° 300° 320°

0° 40° 60° 80° 100°

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

NATIONAL OCEANOGRAPHIC

DEPARTMENT OF COMMERCE
AND ATLANTIC OCEANOGRAPHIC RECORDS

DEPARTMENT OF COMMERCE
OCEANOGRAPHIC ADMINISTRATION
DATA CENTER

FORM APPROVED
O.M.B. No. 41-R76

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 the time of submission. 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

University of Washington
Department of Oceanography
Seattle, Washington 98105

2. EXPEDITION, PROJECT, OR PROGRAM DATA WERE COLLECTED

Technical Report No. 113
Technical Report No. 114

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

BB249

4. VESSEL NAME(S)

Brown Bear

Ship

8. ARE DATA PROPRIETARY

NO YES

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

9. ARE DATA DECLARED NATIONAL DATA PROGRAM (NDP)?

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

NO

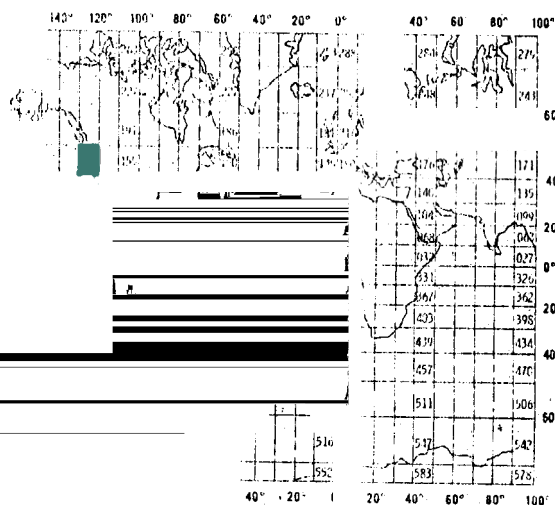
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

Eugene E. Collias
Clifford A Barnes

VESSEL NAME(S)	OPERATOR	FROM MO, DAY, YR	TO MO, DAY, YR
Brown Bear	U.S.	01/18/60	01/19/60

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

GENERAL AREA



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THIS SECTION MUST BE COMPLETE

1. NAME AND ADDRESS

University of Washington
Department of Oceanography
Seattle, Washington 98105

FEDERAL AGENCIES ASSOCIATED

Technical Report No. 113
Technical Report No. 114

BB251

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01/25/60 | 01/29/60

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Eugene E. Collias
Clifford A Barnes

DECLASSIFICATION

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classification
of all records

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DECLASSIFICATION

THIS SECTION MUST BE COMPLETED BY THE
NAME AND ADDRESS OF INSTITUTION

FOR

AT TRANSMITTAL
CITY WITH WHICH

ED DATA ARE ASSOCIATED

University of Washington
Department of Oceanography
Seattle, Washington 98105

OR

IDENTIFY

Technical Report No. 113
Technical Report No. 114

BB252

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Brown Bear

Ship

U.S

U.S

02/05/60 | 02/05/60

ATA

GENERAL REA

Eugene E. Collia
Clifford A Barne