ICAA FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION.
NATIONAL OCEANIGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, 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 I. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED University of Washington Department of Oceanography Seattle, Washington 98105 Z. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH 3. CRUISE NUMBERIS) USED BY ORIGINATOR TO IDENTIFY DATA WERE COLLECTED DATA IN THIS SHIPMENT Technical Report No. 113 BB243 Technical Report No. 114 101372 4. PLATFORM NAME (S) 5. PLATFORM TYPE'S PLATFORM AND OPERATOR 7. DATES NATIONALITYLES (E.S., SHIP, EUSY, ETC.) FROM: TO: MO, DAY, YE **OPERATOR** CLATFORM 11/02/59 11/04/59 Ship Brown Bear 8. ARE DATA PROPRIETARY 1. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. X NO YES IF YES, WHEN CAN THEY BE RELEASED GENERAL AREA FOR GENERAL USET CEAR. MCNTH. 9. ARE DATA DEGLARED NATIONAL PROGRAM (DNP)1 ILE., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA-TIONAL EXCHANGE! 85 XINO YES PART OPECUTY BELOW-10 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-THAN IN PERMIT. ALTE #14 Eugene E. Collias Clifford A Barnes [967] 00" 148" NOT 120" 100" 185 199" 149" SU 64" 10 461 20

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Jan 2012 (27) 114.

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U.S. GEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION ROCKVILLE, MARY LAND 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, candwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

	A. ORIG	SINATOR	IDENTIFICAT	пои		
THIS SECTION MUST BE COMPL	LETED BY DONOR P	OR ALL	DATA TRANSMIT	TTALS	45	
1. NAME AND ADDRESS OF INS	TITUTION, LABOR	TORY, C	N ACTIVITY WIT	H WHICH SUBM	ITTED DATA A	REASSOCIATED
University of Washing Department of Oceano Seattle, Washington	graphy					
Z. EXPEDITION, PROJECT, OR DATA WERE COLLECTED	PROGRAM DURING	WHICH		WBER(S) USED I	BY ORIGINATOR	R TO IDENTIFY
Technical Report No. Technical Report No.			BB245			
			TE1373			
4. FLATFORM NAME(S) 5. PLATFORM TYPE			A Company of the Comp	ANDOPERATOR	7. DA	TES
	18.G., Suit. 1886	1 ( 11 ( 14 ( 2 )	PLATFORM	OPERATOR	FROM: MO,DAY,	TO: MO,DAY,YA
Brown Bear	Ship		u.s.	u.s.	11/30/59	
8. ARE DATA PROPRIETARY!  X NO YES  IF YES, WHEN CAN THE FOR CENERAL USE!  9. ARE DATA DECLARED NAT PROGRAM IDNE!  ILE., SHOULD THEY BE INC. DATA CENTERS HOLDINGS TIONAL EXCHANGE!  X NO YES PART  10. PERSON TO WHOM INQUIRES PHONE NUMBER (AND ADD. THAN IN ITEM-I)  Eugene E. Collias	CAR MONTH IDNAL  LUDED IN WORLD FOR INTERNA-  CONCERNING DEC WITH TELE-		SE DARKEN AL ACHED IN YOUR	GENERAL A	REA	## 100 #\$ 100°   100°   100°   100°   100°   100°   100°   1
Clifford A Barnes		100. 110.	140 No. 168, 103, 14	120, 480, 19, 19, 19, 19, 19, 19, 19, 19, 19, 19	6   1000 6   2000 6   5000 6   700   700	514 (20) 514 (20) 500 (20) 600

NOAA FORM 24-13

. U.S. CEPARTMENT OF COMMERCE
NATIONAL CCEANIC AND ATMOSPHERIC ADMINISTRATION
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	A. ORH	GINATOR	IDENTIFICAT	TION		
THIS SECTION MUST BE COMP	LETED BY DONOR	FOR ALL I	DATA TRANSMI	TTAL5		
University of Washin Department of Oceand Seattle, Washington	ngton ography	ATORY, C	RACTIVITYWY	TH WHICH SUBM	NTTEO DATA A	RE ASSOCIATED
Z. EXPEDITION, PROJECT, O DATA WERE COLLECTED  Technical Report No. Technical Report No.	113	G Weigh	BB247	HIS SHIPMENT		R TO IDENTIFY
4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., STIP, 200			NATIONALI	AND OPERATOR		TES
			PLATFORM	OPERATOR	FROM: MO,DAY,V	TO: WO DAY , VA
Brown Bear	Ship		u.s.	u.s.	12/05/59	12/05/59
B. ARE DATA PROPRIETARY  IF YES, WHEN CAN THE FOR GENERAL USE?  9. ARE DATA DECLARED NATE PROGRAM (DNP)?  INC., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?  X NO THE SON TO WHOM INDUIRED DATA SHOULD BE ADDRESS PHONE NUMBER (AND ADITIONAL INTERNAL)  Eugene E. Collias Clifford A Barnes  .	EY BE HELEASED TONAL CLUDED IN WORLD FOR INTERNA- TEPROMY HELOW ES CONCERNING	CONT		GENERAL A	REA	
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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

BB248

Brown Bear

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Eugene E. Collia fifford 1\_ Banne

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#### U.S. FEPARTMENT OF COMMERCE NATIONAL GCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION ROCKVILLE, MARYLAND 20852

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THIS SECTION MUST BE COM			IDENTIFICAT			
University of Washi Department of Ocean Seattle, Washington	ngton ography	CTORY, OF	ACTIVITY WIT	TH WHICH SUBN	ATTED DATA A	RE ASSOCIATED
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHIC DATA WERE COLLECTED  Technical Report No. 113			DATA IN TH	MHER(S) USED HIS SHIPMENT	BY ORIGINATO	R TO IDENTIFY
Technical Report No			BB249			
4. PLATFORM NAME(S)	5. PLATFORM TYPE (E.G., SLIP, PUD)	r, erc.)		ANDOPERATO	R 7. DA	TES
Brown Bear	Ship		u.s.	u.s.	01/18/60	01/19/60
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U.S. LEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSH HERIC ADMINISTRATION NATIONAL OCEANIGRAPHIC DATA CENTER RECORDS SECTION ROCK VILLE, MARY LAND 20852 FORM APPROVED O.M.B. No. 41-R2651

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	A. ORIO	SINATOR	IDENTIFICATI	ICH				
THIS SECTION MUST BE COME	PLETED BY DONOR!	FOR ALL D	ATA TRANSMIT	TTALS				
1. NAME AND ADDRESS OF IN	STITUTION, LABOR	ATORY, CF	ACTIVITY WIT	H WHICH SUBM	ITTED DATA AF	RE ASSOCIATED		
University of Washing Department of Ocean	-	•	•			•		
Seattle, Washington								
2. EXPEDITION, PROJECT, C DATA WERE COLLECTED	R PROGRAM DURING	WHICH		BER(S) USED E	Y ORIGINATOR	TO IDENTIFY		
Technical Report No	. 113		00.01					
Technical Report No	. 114		BB251					
			TP1377					
4. PLATFORM NAME(S)	5. PLATFORM TYPE (E.G., SHIP, BUG		S. PLATFORM A		d 7. DA	TES		
			PLATFORM	OPERATOR	FROM: MODAY, YE	TO: MO, DAY, YE		
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Brown Bear	Ship		u.s.	u.s.	01/25/00	01/29/60		
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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOST HERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
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ROCKVILLE, MARYLAND 20852

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	A. OR	GINATOR	IDENTIFICAT	1014		
THIS SECTION MUST BE COMPLET	ED BY DONOR	FOR ALL	DATA TRANSMIT	TTALS	S OF S	
University of Washington Department of Oceanogra Seattle, Washington 9	on aphy	NATORY, O	R ACTIVITY WIT	'н wнісн subi	MITTED DATA AI	RE ASSOCIATED
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Technical Report No. 1 Technical Report No. 1			BB252			
4. PLATFORM NAME(S) 5. (	LATFORM TY	SELECT.	TRIB78	INDORUBATA	D7 04	TES
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Brown Bear	Ship		u.s.	u.s.	02/05/60	02/05/60
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University of Washing Department of Oceanog Seattle, Washington	yraphy					
Z. EXPEDITION, PROJECT, OR GATA WERE COLLECTED		WHIGH		NSERIS) USED ILS SHIPMENT	BY ORIGINATOR	TO IDENTIFY
Technical Report No. Technical Report No.			BB257			
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			PLATFORM	OPERATOR	FHOM! MO, DATE:	TO: NO CAY /
Brown Bear	Ship		u.s.	u.s.	04/19/60	04/22/60
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U.S. DEPARTMENT OF COMMERCE
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OAA FORM 24-13

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSTIFERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION

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	A. ORIG	INATOR	IDENTIFICATI	ON		
THIS SECTION MUST BE COMP	LETED BY DONOR I	OR ALL	DATA TRANSMIT	TALS		
1. NAME AND ADDRESS OF IN	STITUTION, LABOR	AYONY, O	RACTIVITYWIT	H WHICH SUBN	TITTED DATA A	RE ASSOCIATED
University of Washin Department of Oceand Seattle, Washington	graphy					
Z. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE GOLLECTED				BER(S) USED IS SHIPMENT	BY ORIGINATO	R TO IDENTIFY
Technical Report No. 113 Technical Report No. 114			BB261			
			TE1381	0_1 +		
4. FLATFORM NAMELS	5. PLATFORM TYPE (E.G., SILP, 1000)		6.9LATFORMA		K 7. D.	TES
			PLATFORM	OPERATOR	FHOM MOJOATY	TO: MO/DAY/YA
Brown Bear	Ship		u.s.	u.s.	05/17/40	05/17/60
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J.S. CEPARTMENT OF COMMERCE
NATIONAL GCEAN G AND ATMOSPHERIC ADMINISTRATION
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THIS SECTION MUST BE COM						
I. NAME AND ADDRESS OF IN	ISTITUTION, LABOR	ATORY, OF	R ACTIVITY WIT	H WHICH SUBM	ITTED DATA AF	RE ASSOCIATED
University of Washi	=-		•			•
Department of Ocean				•		
Seattle, Washington	98105		•			•
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2. EXPEDITION, PROJECT, C DATA WERE COLLECTED	PROGRAM DURING	WHICH		NBER(S) USED E	BY ORIGINATOR	TO IDENTIFY
Technical Report No	Technical Report No. 113					
Technical Report No		,	BB 2.62			
			TQ138			
4. FLATFORM NAME(S)	5. PLATFORM TYPE (E.G., SLIP, BUG		6. PLATFORM / NATIONALIT	ND OPERATOR Y(IES)	1.	TES
			PLATFORM	OPERATOR	FROM: MODAY,YE	TO: MO/DAY/YE
Brown Bear	Ship		u.s.	u.s.	05/19/60	05/23/60
8. ARE DATA PROPRIETARY	The state of the s				UARES IN WHIC	
X NO TYES		CONT	AINED IN YOUR	SUBMISSION W	ERE COLLECTI	ED.
IF YES, WHEN CAN THE FOR GENERAL USE!				GENERAL AR	REA	
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University of Washi Department of Ocean Seattle, Washington	ngton ography	· · ·	•			•
2. EXPEDITION, PROJECT, C DATA WERE COLLECTED	R PROGRAM DURING	WHICH	3. CRUISE NUN DATA IN TH	MBER(S) USED	BY ORIGINATOR	R TO IDENTIFY
Technical Report No Technical Report No			BB264 TB1383			
4. PLATFORM NAME(S)	5. PLATFORM NAME(S) 5. PLATFORM TYPE(S) (E.G., SHIP, BUGY, ETC.)			NO OPERATOR	7. DA	TES
			PLATFORM	OPERATOR	FROM: MO,DAY,YE	TO: MO/DAY/YR
Brown Bear	Ship		u.s.	u.s.	06/07/60	06/08/60
8. ARE DATA PROPRIETARY  X NO YES  IF YES, WHEN CAN THE FOR GENERAL USES	EY BE RELEASED YEAR MONTH	CONTA	SE DARKEN ALI	MARSDEN SQ SUBMISSION W	UARESTIN WHICERE COLLECT	H ANY DATA ED.
9. ARZ DATA DECLARED NAT PPOGRAM (DNP)?  (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)  X NO YES [   PART	CLUDED IN WORLD FOR INTERNA-	103° 126' 140' 140' 140' 140' 140' 140' 140' 140	40" 150 50 160 149	120" 100" 80" 60"	40° 20° U° 20	40' 60' 80' 100' 
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U.S. CEPARTMENT OF COMMERCE
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ROCKVILLE, MARYLAND 10852

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University of Washir Department of Oceand Seattle, Washington	ography					
Z EXPEDITION, PROJECT, O DATA WERE COLLECTED Technical Report No. Technical Report No.	, 113 , 114		BB265	IS SHIPMENT		R TO IDENTIFY
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J.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSSHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARY LAND 20852

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

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University of Washi Department of Ocean Seattle, Washington	ography	:				•
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Technical Report No Technical Report No			BB271			
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4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., SLIP, BUG				AND OPERATOR	7. DA	TES
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U.S. DEPARTMENT OF COMMERCE
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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 University of Washington Department of Oceanography Seattle, Washington 98105 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH 3. CRUISE NUMBERIS) USED BY ORIGINATOR TO IDENTIFY DATA WERE COLLECTED DATA IN THIS SHIPMENT Technical Report No. 113 BB272 Technical Report No. 114 TR1386 4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) S. PLATFORM AND OF ERATOR 7. (E.G., SUIP, ELOY, ETC.) NATIONALITY(IESI FROM MO DAY TE TO MO DAY , YE PLATFORM **OPERATOR** 12/14/60 12/20/60 Brown Bear Ship B. ARE DATA PROPRIETARY? 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. XNO IF YES, WHEN CAN THEY BE RELEASED GENERAL AREA FOR GENERAL DEET STAN 9. ARE DATA DECLARED NATIONAL PHOGRAM INPIT ILE., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS FOLDINGS FOR INTERNA-TIONAL EXCHANGE YES PARTISPECTY HELORD to, PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TALE-PHONE NUMBER TAND ADDRESS IF OTHER THAN IN TEEM-IT 104 Eugene E. Collias 120 Clifford A Barnes 760" 762" 349" 176" 100"

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

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

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