

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9000030	141011	C100		1405	14BS		01/17/69	01/21/69	45	408
9000030	141012	C100		1405	14BS		03/05/69	03/26/69	56	248
9000030	141013	C100		1405	14BS		05/16/69	05/22/69	47	627
9000030	141014	C100		1405	14BS		07/07/69	07/10/69	2	19
9000030	141015	C100		1405	14BS		10/06/69	10/11/69	13	80
9000030	141016	C100		1405	14BS		11/21/69	11/25/69	35	188
9000030	141017	C100		1405	14BS		12/11/69	12/17/69	6	35
9000030	141018	C100		1405	14BS		02/04/71	02/14/71	21	163
9000030	141019	C100		1405	14BS		08/21/71	08/24/71	5	32
9000030	141020	C100		1405	14BS		01/16/72	02/01/72	61	437
9000030	141021	C100		1405	14BS		12/12/87	12/16/87	58	378

ACCESSION NO. 90 00030 FILETYPE C100

TRACK NO. \_\_\_\_\_

PROJECT  
IDENTIFICATION \_\_\_\_\_GF-3 BRAZIL

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	NO. LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	2-8-90	FJM	A 01082	6	80	1920	17,880
DUPLICATE TAPE	2-8-90	FJM	W16666 *	6	80	1920	✓
REFORMATTED TAPE	3-6-90	R.P.S.	W04224	1			
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

\* = NO LABEL  
1600/9 TRK/EBDIC

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)



PONTA DA ARMAÇÃO  
NITERÓI - RJ  
BRASIL

No. **0637**

**DIRETORIA DE HIDROGRAFIA E NAVEGAÇÃO**  
**MINISTÉRIO DA MARINHA**

90 000 30

Ad 1082

TRANSLATION

Niterói, RJ em 21 de November de 1989

Mr.

CHRIS NOE

NOAA/National Ocean Service

Office of Ocean Services

1825 Connecticut Ave., Room 618 - 673-3957

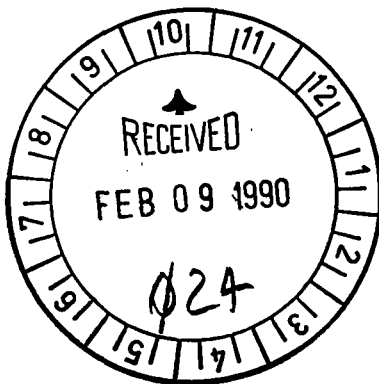
Washington D.C., 20235

Dear Sir

On behalf of Director of Hydrography and Navigation, I have the pleasure to send you the magnetic tape no. 190, in the GF-3 format, which contains oceanographic data collected during the followings cruises, carried out by research vessel "Professor W. Besnard": 001, 003, 004, 005, and 006/69, 001/71, 001, 002 and 003/72, 000/73, 084/77, 001/81, 002/84 and 003/85.

Find also enclosed computer listing containing partial copy of the tape in TPD ("Tape to printer deblocked in character format").

Yours sincerely,



*Persio Soares Souto*  
PERSIO SOARES SOUTO  
L.T. Commander  
Head of the BNDO

STA



**DIRETORIA DE HIDROGRAFIA E NAVEGAÇÃO**  
**MINISTÉRIO DA MARINHA**

PONTA DA ARMAÇÃO  
NITERÓI - RJ  
BRASIL

Nº **0637**

Niterói, RJ em 21 de novembro de 1989

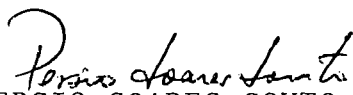
Ilmo. Sr.  
CHRIS NOE  
NOAA/National Ocean Service  
Office of Ocean Services  
1825 Connecticut Ave. Room 618  
Washington D.C. 20235

Prezado Senhor

Incumbiu-me o Exmo. Sr. Diretor de Hidrografia e Navegação de encaminhar a V. Sa. a fita magnética nº 190, no Formato GF-3, contendo dados oceanográficos coletados durante os seguintes cruzeiros realizados pelo navio oceanográfico Prof. W. Besnard: 001, 003, 004, 005 e 006/69, 001/71, 001, 002 e 003/72, 000/73, 084/77, 001/81, 002/84 e 003/85.

Segue também anexa listagem contendo ditto parcial da fita em TDP ("TAPE TO PRINTER DEBLOCKED IN CHARACTER FORMAT").

Atenciosamente,

  
PERSIO SOARES SOUTO  
Capitão-de-Corveta  
Chefe do Departamento do BNDO

03/07/90

TO: E/OC12 - Douglas Hamilton

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

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Ocean Stations

(C100)

Acc: 9000030    Ref: 141011 - 141021    349 sta. 2,615 rec.

Hydro. Dept.-Brazil

(GF-3)

cc: Division Director

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
9000030	C100	141011	9999	1405	14BS	1969/01/17	NULL	190287
9000030	C100	141012	9999	1405	14BS	1969/03/05	NULL	190288
9000030	C100	141013	9999	1405	14BS	1969/05/16	NULL	190289
9000030	C100	141014	9999	1405	14BS	1969/07/07	NULL	190290
9000030	C100	141015	9999	1405	14BS	1969/10/06	NULL	190291
9000030	C100	141016	9999	1405	14BS	1969/11/21	NULL	190292
9000030	C100	141017	9999	1405	14BS	1969/12/11	NULL	190293
9000030	C100	141018	9999	1405	14BS	1971/02/04	NULL	190294
9000030	C100	141019	9999	1405	14BS	1971/08/21	NULL	190295
9000030	C100	141020	9999	1405	14BS	1972/01/16	NULL	190296
9000030	C100	141021	9999	1405	14BS	1987/12/12	NULL	190297

(11 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
9000030	C100	141011	14BS	45	45	69/01/17	69/01/21
9000030	C100	141012	14BS	56	56	69/03/05	69/03/26
9000030	C100	141013	14BS	47	47	69/05/16	69/05/22
9000030	C100	141014	14BS	2	2	69/07/07	69/07/10
9000030	C100	141015	14BS	13	13	69/10/06	69/10/11
9000030	C100	141016	14BS	35	35	69/11/21	69/11/25
9000030	C100	141017	14BS	6	6	69/12/11	69/12/17
9000030	C100	141018	14BS	21	21	71/02/04	71/02/14
9000030	C100	141019	14BS	5	5	71/08/21	71/08/24
9000030	C100	141020	14BS	61	61	72/01/16	72/02/01
9000030	C100	141021	14BS	58	57	87/12/12	87/12/16

(11 rows affected)