

TRANSMITTAL AND RECEIPT RECORD

(Transmittal Notice)



WORLD DATA CENTER A

Oceanography

National Oceanic and Atmospheric Administration
Washington, D. C. 20235, U.S.A.

CABLE ADDRESS: WORLDDATA

TEL: AREA CODE (202) 843-4064

30.0/4(17.XII.85)

TO:

Dr. A. R. Picciolo
Code E/OC13
NODC

REFER TO:

ATTENTION:

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

☐ Surface Mail ☐ Air Mail ☐ Registered Mail ☐ Surface Parcel Post ☐ Air Parcel Post ☒ By Hand ☐ Other _____

Xerox copies of the following publications from the PRC/NODC:

"Oceanographic Station Data, The Yellow Sea, 1978; 1980; 1981"

"Oceanographic Station Data, The East China Sea, 1981"

Preliminary inventory of oceanographic data.

8600013

add ✓ 11/30
2345

DDF 024

86-001

edit file

Copy to: Chris Noe

FORWARDED BY (Signature)

Ronald E. Moffatt

DATE FORWARDED

TITLE

Associate Director

17 December 1985

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8600013	760200	✓C100		7601	76X8		01/12/81	01/15/81	40	400
8600013	760201	✓C100		7601	76SU		06/18/81	06/19/81	15	150
8600013	760202	✓C100		7601	76S7		06/17/81	06/19/81	16	160
8600013	760203	✓C100		7601	76XA		09/08/81	09/09/81	15	150
8600013	760204	✓C100		7601	76S7		09/08/81	09/10/81	26	260
8600013	760205	✓C100		7601	76X8		12/06/81	12/09/81	41	410
8600013	760206	C100		7601	76S4		01/07/78	01/11/78	19	190
8600013	760207	C100		7601	76SH		01/11/78	01/12/78	13	130
8600013	760208	C100		7601	76X7		03/17/78	03/21/78	19	190
8600013	760209	C100		7601	76SH		03/08/78	03/09/78	13	130
8600013	760210	C100		7601	76XC		07/22/78	07/23/78	7	70
8600013	760211	C100		7601	76S4		07/12/78	07/14/78	11	110
8600013	760212	C100		7601	76S7		07/05/78	07/06/78	11	110
8600013	760213	C100		7601	76S5		09/13/78	09/21/78	18	180
8600013	760214	C100		7601	76S7		09/20/78	09/21/78	13	130
8600013	760215	C100		7601	76S5		01/11/80	01/16/80	19	190
8600013	760216	C100		7601	76SH		04/08/80	04/09/80	13	130
8600013	760217	C100		7601	76S5		04/09/80	04/24/80	15	150
8600013	760218	C100		7601	76S7		04/17/80	04/18/80	10	100
8600013	760219	C100		7601	76X7		07/13/80	07/18/80	18	180
8600013	760220	C100		7601	76SH		07/04/80	07/05/80	13	130
8600013	760221	C100		7601	76AF		12/18/80	12/21/80	19	190
8600013	760222	C100		7601	76X8		12/17/80	12/18/80	13	130
8600013	760223	C100		7601	76S4		03/18/81	03/21/81	19	190
8600013	760224	C100		7601	76S7		03/12/81	03/13/81	13	130
8600013	760225	C100		7601	76XC		06/13/81	06/16/81	19	190
8600013	760226	C100		7601	76SU		06/19/81	06/20/81	13	130
8600013	760227	C100		7601	76XC		09/11/81	09/22/81	19	190
8600013	760228	C100		7601	76XA		09/09/81	09/10/81	13	130
8600013	760229	C100		7601	76XC		10/16/81	10/25/81	19	190
8600013	760230	C100		7601	76S7		10/10/81	10/11/81	12	120

***** Record 172 in SUBMISSION *****

00197

DATA ENTRY INFORMATION SYSTEM
(SUBMISSIONS)

DATE OF ENTRY: 01/14/86 ACCESSION NUMBER: 8600013
DATE OF RECEIPT: 01/13/86 FORMER ACCESSION NUMBER: _____ (RESUBS ONLY)

SUBMITTER'S NAME: NAT'L OCEAN. DATA CENTER (FIRST M.I. LAST)
SUBMITTER'S ADDRESS: DIRECTOR
ADDRESS: PEOPLES REPUBLIC OF CHINA
CITY: BEIJING STATE: _____ ZIP: _____
COUNTRY: CHINA Q

NODC SUBMITTER CODE: QC22 SUBMISSION PRIORITY: NORMAL
L.O. AREA: _____

CONTENTS OF SUBMISSION

DOCUMENTATION? none MAGNETIC TAPE(S)? no DISKETTE(S)? no
STRIP CHART(S)? no LOG SHEET(S)? no MAP(S)/CHART(S)? no
PUBLICATION(S)? yes MICROFORM(S)? no CASSETTE(S) no Press
PgDn to
continue

DESCRIPTION: FOUR XEROX PUBS OF YELLOW/EAST CHINA SEA - STATION DATA
(to be entered on Submitter acknowledgement letter)

SUBMISSION MANAGER (3 INITIALS): FJM

DATE TRANSFERRED TO SUBMISSION MANAGER : 01/14/86

SUBMITTER ACKNOWLEDGEMENT DATE: / /

ENTIRE SUBMISSION ON "HOLD" STATUS

WHEN: / / WHY: _____ WHO'S RESPONSIBLE: _____ RESTART DATE: / /
REASON: _____
WHEN: / / WHY: _____ WHO'S RESPONSIBLE: _____ RESTART DATE: / /
REASON: _____
SUBMITTER CONTACTED ON: / /

ENTIRE SUBMISSION CANCELLED

WHEN: / / DISPOSITION: _____

REASON: _____

8600013

海洋水文调查资料

OCEANOGRAPHIC STATION DATA

东 海

THE EAST CHINA SEA

1 9 8 1



中华人民共和国国家海洋资料中心

NATIONAL OCEANOGRAPHIC DATA CENTER

THE PEOPLE'S REPUBLIC OF CHINA

海洋水文调查资料

OCEANOGRAPHIC STATION DATA

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THE EAST CHINA SEA

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中华人民共和国国家海洋资料中心

NATIONAL OCEANOGRAPHIC DATA CENTER

THE PEOPLE'S REPUBLIC OF CHINA

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站位示意图

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资 料 说 明

一、本资料系国家海洋局于1981年在东海区所调查的水文、气象、化学资料，共153站次。测站布设详见“站位示意图”。

二、本资料包括的项目有：水温、盐度、海浪、水色、透明度、海发光、溶解氧绝对含量、pH值、气压、气温、湿度、能见度、风、云、天气现象的观测值和水温、盐度、条件密度、现场条件密度、声速、动力深度偏差、溶解氧绝对含量、溶解氧饱和度的标准层计算值。

三、标准层资料采用下列插值方法算得：

设观测层和观测层上的值为：

$h_1, h_2, h_3, \dots, h_N,$

$T_1, T_2, T_3, \dots, T_N,$

1. 若 $N \leq 3$ ，或插值点 $h \leq h_2$ ，或 $h \geq h_{N-1}$ 时采用线性插值。

2. 其他情况下采用上、下两个三点插值的加权平均，即：

$$T = P_1 f_{\text{上}} + P_2 f_{\text{下}}$$

其中， P_1, P_2 为权函数，且 $P_1, P_2 > 0$ ， $P_1 + P_2 = 1$ ， $f_{\text{上}}$ 为上三点插值， $f_{\text{下}}$ 为下三点插值。

四、几点说明

1. 本资料观测时间均以北京标准时（东8时）为准。

2. 湿度：绝对湿度、相对湿度、露点。

3. 风：风速、风向。

4. 云量：总云量、低云量。“10-”表示云遮蔽全部天空，但在云

层中仍有少量空隙可见青天。

5.天气现象以七位代号表示，其含义如下表：

行次 代号	1	2	3	4	5	6	7
0	所 列 天 气 现 象 未 出 现						
1		△ 露	∞ 霾	· 毛毛雨	✱ 雨夹雪		△ 冰雹
2	V 雾淞	≡ 雾	☼ 沙(尘)暴	· 雨	✱ 雪	⊕ 高吹雪 或雪暴	⌈ 雷暴
3	∞ 雨淞	⊥ 霜	⚡ 大风	⬇ 阵雨	☼ 阵性雨夹雪	☼ 阵雪	⌈⌈ 远雷暴
4		△+≡	∞+☼	·+·	✱+✱		△+⌈
5		△+⊥	∞+⚡	·+⬇	✱+☼		△+⌈⌈
6	V+∞	≡+⊥	☼+⚡	·+⬇	✱+☼	⊕+☼	⌈+⌈⌈
7		△+≡+⊥	∞+☼+⚡	·+·+⬇	✱+✱+☼		△+⌈+⌈⌈
—	所 列 天 气 现 象 缺 测						

例：“·”（雨）为0002000，“△”（冰雹）为0000001。

6.海发光（类型、等级）：“H”表示海发光类型为“火花型”，其后的数字则为强度等级；观测时无发光现象则用“0”表示。

7.波型：F表示风浪；U表示涌浪；FFU表示风浪波高大于涌浪波高；FUU表示风浪波高小于涌浪波高；FU表示风浪波高和涌浪波高相差不多。

8.波向：风浪、涌浪。“C”表示波向不明。

9.观测深度均经过订正。

Data Explanation

1. The data printed in this book are physical and chemical data collected by National Bureau of Oceanography from 153 stations in the East China Sea during 1981. The location of stations is given in the diagrammatic sketch of stations.

2. The observations include,

The original records of water temperature, salinity, waves, water color, transparency, luminescence of the sea, absolute content of dissolved oxygen, hydrogen ion concentration(pH), air pressure, air temperature, humidity, visibility, wind, cloud and weather phenomena; the calculated values of water temperature, salinity, sigma-t, sigma-t in situ, sound velocity, dynamic depth anomaly, absolute content of dissolved oxygen and saturation degree of dissolved oxygen at standard depths.

3. The data of standard depths are calculated by the following interpolation methods:

Suppose the values at and above the observed depths are

$$h_1, h_2, h_3, \dots, h_N;$$

$$T_1, T_2, T_3, \dots, T_N \text{ respectively.}$$

- (1) when $N \leq 3$, or the interpolated point $h \leq h_2$, or $h \geq h_{N-1}$, the linear interpolation method is used.

- (2) otherwise the method of weighted mean of two values of Three-Point Interpolation above and below the standard depth is used, that is,

$$T = P_1 f_u + P_2 f_l$$

where, P_1 and P_2 are the weight functions

$$\text{both } P_1 \text{ and } P_2 > 0$$

$$P_1 + P_2 = 1$$

" f_u ", represents the upper Three-Point Interpolation value.

" f_l ", represents the lower Three-Point Interpolation value.

u represents upper

l represents lower

4. Remarks

- (1) Peking Time is adopted as the observation time(-0800) .

- (2) Humidity, absolute humidity, relative humidity, dewpoint.

(3) Wind; wind speed, wind direction.

(4) Cloud amount; total cloud amount, low cloud amount.

"10-" represents the whole sky is covered by clouds but still with a few clearances through which clear sky can be seen.

(5) The weather phenomena are represented by 7-digit codes. Their meanings are as follows,

line code	1	2	3	4	5	6	7
0	The weather phenomena listed did not appear						
1		△ dew	∞ haze	' drizzle	* rain/snow		△ hail
2	V rime	☐ fog	☼ sandstorm	• rain	* snow	+ blowing snow or snow-storm	⌞ thunder storm
3	∞ freezing rain	☐ frost	☼ gale	☼ shower	☼ shower/snow	☼ snow flurry	⌞ far thunder storm
4		△+☐	∞+☼	•+•	*+*		△+⌞
5		△+☐	∞+☼	•+☼	*+☼		△+⌞
6	V+∞	☐+☐	☼+☼	•+☼	*+☼	+ + ☼	⌞+⌞
7		△+☐+☐	∞+☼+☼	•+•+☼	*+*+☼		△+⌞+⌞
—	The weather phenomena listed are missing from observations						

Examples, "•"(rain) = 0002000, "△"(hail) = 0000001,

(6) Sea luminescence(type and intensity scale);

"H" represents the "Sparking type" of sea luminescence, the digits behind it represent the intensity scale of sea luminescence, "O", represents no sea luminescence phenomenon occurred.

(7) Wave pattern;

F, sea

U, swell

FFU, represents that wind wave height was higher than swell height.

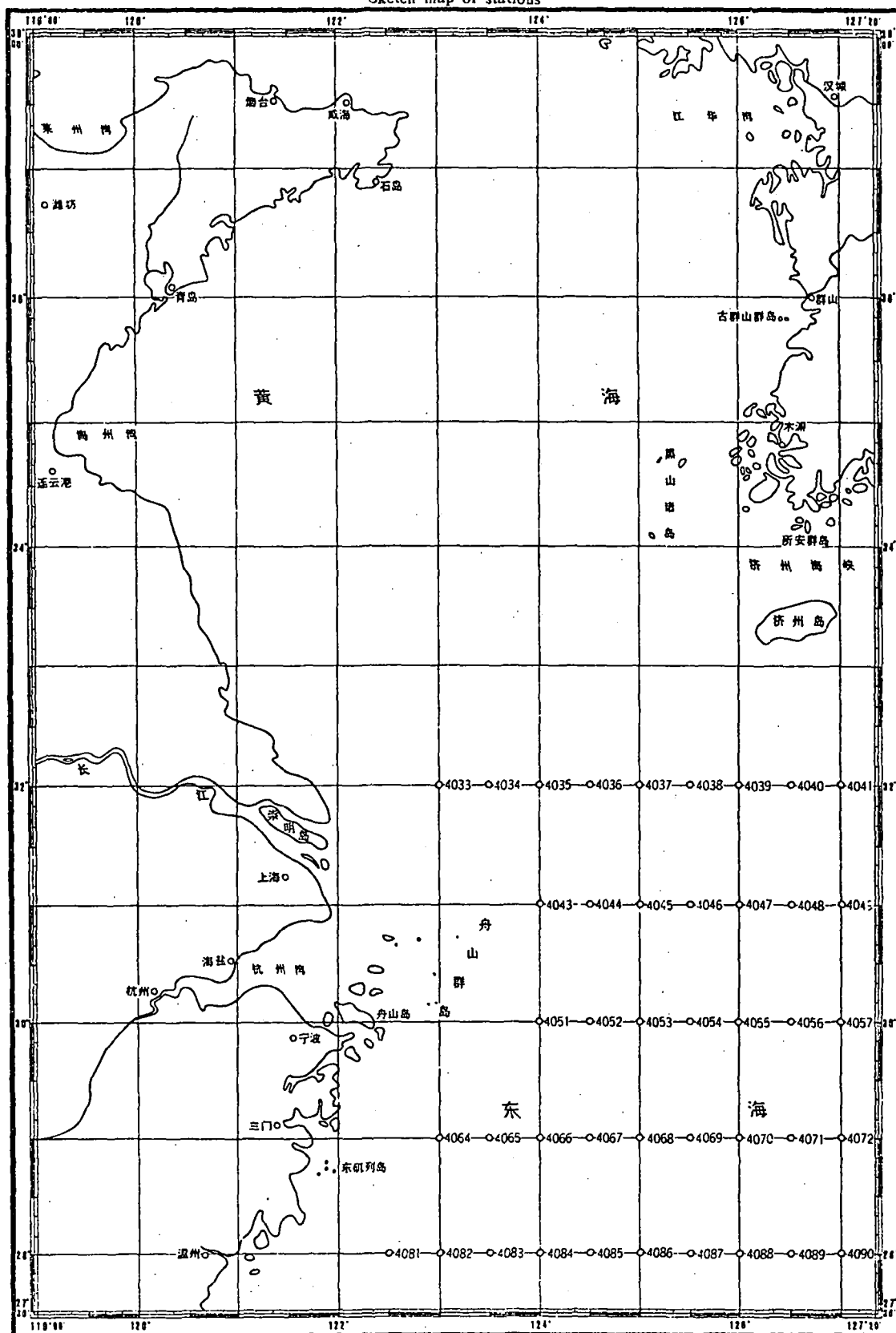
FUU, represents that wind wave height was lower than swell height.

FU, represents no distinguished difference between wind wave height and swell height.

(8) wave direction; sea and swell. "C", wave directions unknown.

(9) All observed depths were corrected.

Sketch map of stations



02/15/90

TO: E/OC12 - Branch Chief

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

Ocean Stations

(C100)

Acc: 8600013 Ref: 760200 - 760230 524 sta. 5,240 rec.

NODC-China

(publication)

cc: Division Director

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

DATE OF ENTRY: 12/11/86

REFERENCE NUMBER: 068839 ACCESSION NUMBER: 860013
FORMER REFERENCE NUMBER: _____ FORMER ACCESSION NUMBER: _____ (RESUB ONLY)

INVENTORY

MEDIA-IN: 04 STRIPCHART DINDB CODE 17
EXCHANGE (FORMAT): EQ05 - UBT (EXP)
PROCESSING (FORMAT): C016 - XBT

(NOTE) If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3105
PLATFORM (COUNTRY AND PLATFORM CODES): 310N
PLATFORM TYPE: 9 - SHIP DINDB CODE 09

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: _____
CRUISE START DATE: 11/06/86 CRUISE END DATE: 11/06/86 Press PgDn
PROJECT CODE: _____ DATA USE CODE (DUC): 3 to continue

VOLUME - NUMBER OF STATIONS: 2 NUMBER OF RECORDS: 2

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: _____

OCEAN AREA

CODE 1: 23B MEANING: NW ATLANTIC
CODE 2: _____ MEANING: _____
CODE 3: _____ MEANING: _____

DINDB TRACK TRANSACTION GENERATED: 1 1

DATA ENTRY INFORMATION SYSTEM

(SUBMISSIONS)

DATE OF ENTRY: 12/11/86ACCESSION NUMBER: 8600DATE OF RECEIPT: / /FORMER ACCESSION NUMBER: (RESUBS ONLY)SUBMITTER'S NAME: USS WILLIAM V. PRATT DDG-44 (FIRST M.I. LAST)SUBMITTER'S ADDRESS: Comm. Off.ADDRESS: AS DIVISION ~~AS DIVISION~~CITY: FPO MiamiSTATE: FL ZIP: 34092-1262COUNTRY: NODC SUBMITTER CODE: NONESUBMISSION PRIORITY: NONEL.O. AREA: SES.A. CODE: SPONSORING AGENCY:

CONTENTS OF SUBMISSION

DOCUMENTATION? MAGNETIC TAPE(S)? DISKETTE(S)? STRIP CHART(S)? ✓ LOG SHEET(S)? ✓ MAP(S)/CHART(S)? PUBLICATION(S)? MICROFORM(S)? CASSETTE(S) Press
PgDn to
continueDESCRIPTION: 2-STRIPCHARTS & LOG (11/86-11/86/86)
(to be entered on Submitter acknowledgement letter)SUBMISSION MANAGER (3 INITIALS): DLBDATE TRANSFERRED TO SUBMISSION MANAGER: 12/11/86SUBMITTER ACKNOWLEDGEMENT DATE: / /

ENTIRE SUBMISSION ON "HOLD" STATUS

WHEN: / / WHY: WHO'S RESPONSIBLE: RESTART DATE: / /REASON: WHEN: / / WHY: WHO'S RESPONSIBLE: RESTART DATE: / /REASON: SUBMITTER CONTACTED ON: / /

"Oceanographic Station Data, The East China Sea, 1981"

<u>SHIP</u>	<u>PERIOD</u>	<u>NO. OF STATIONS</u>
✓ XIANGYANGHONG No. 10 7657	12.-15.I. 1981-760200	40
✓ SHUGUANG No. 6 7650	18.-19.VI.1981-760201	15
✓ SHUGUANG No. 7 7657	17.-19.VI.1981-760202 (NANSEN)	16
✓ XIANGYANGHONG No. 1 7658	8.-9.IX.1981-760203	15
✓ SHUGUANG No. 7 7657	8.-10.IX.1981-760204	26
✓ XIANGYANGHONG No. 10 7658	6.-9.XII.1981-760205	41
	Total	153

"Oceanographic Station Data, The Yellow Sea, 1978"

<u>SHIP</u>	<u>PERIOD</u>	<u>NO. OF STATIONS</u>
✓ SHUGUANG No. 4 7654	7.-11.I.1978-760206	19
✓ SHIJIAN 7654	11.-12.I.1978-760207	13
✓ XIANGYANGHONG No. 7 7657	17.-21.III.1978-760205	19
✓ SHIJIAN 7654	8.-9.III.1978-760209	13
✓ XIANGYANGHONG No. 8 7650	22.-23.VII.1978-760210	7
✓ SHUGUANG No. 4 7654	12.-14.VII.1978-760211	11
✓ SHUGUANG No. 7 7657	5.-6.VII.1978-760212	11
✓ SHUGUANG No. 5 7655	13.-21.IX.1978-760213	18
✓ SHUGUANG No. 7 7657	20.-21.IX.1978-760214	13
	Total	124

"Oceanographic Station Data, The Yellow Sea, 1980"

<u>SHIP</u>	<u>PERIOD</u>	<u>NO. OF STATIONS</u>
✓ SHUGUANG No. 5 7655	11.-16.I.1980-760215	19
✓ SHIJIAN 7654	8.-9.IV.1980-760216	13
✓ SHUGUANG No. 5 7655	9.-24.IV.1980-760217	15
✓ SHUGUANG No. 7 7657	17.-18.IV.1980-760218	10
✓ XIANGYANGHONG No. 7 7657	13.-18.VII.1980-760219	18
✓ SHIJIAN 7654	4.-5.VII.1980-760220	13
✓ XIANGYANGHONG No. 9 7657	18.-21.XII.1980-760221	19
✓ XIANGYANGHONG No. 10 7658	17.-18.XII.1980-760222	13
	Total	120

"Oceanographic Station Data, The Yellow Sea, 1981"

<u>SHIP</u>	<u>PERIOD</u>	<u>NO. OF STATIONS</u>
✓ SHUGUANG No. 4 7654	18.-21.III.1981-760223	19
✓ SHUGUANG No. 7 7657	12.-13.III.1981-760224	13
✓ XIANGYANGHONG No. 8 7650	13.-16.VI.1981-760225	19
✓ SHUGUANG No. 6 7650	19.-20.VI.1981-760226	13
✓ XIANGYANGHONG No. 8 7650	11.-22.IX.1981-760227	19
✓ XIANGYANGHONG No. 1 7658	9.-10.IX.1981-760229	18
✓ XIANGYANGHONG No. 10 7658	760230	

277
124
391
99
397
127
524

<u>SHIP</u>	<u>PERIOD</u>	<u>NO. OF STATIONS</u>
✓ XIANGYANGHONG No. 10 76x8	12.-15.I. 1981	40
✓ SHUGUANG No. 6 7650	18.-19.VI.1981	15
✓ SHUGUANG No. 7 7657	17.-19.VI.1981	16
✓ XIANGYANGHONG No. 1 76xA	8.-9.IX.1981	15
✓ SHUGUANG No. 7 7657	8.-10.IX.1981	26
✓ XIANGYANGHONG No. 10 76x8	6.-9.XII.1981	41
Total		153

"Oceanographic Station Data, The Yellow Sea, 1978"

<u>SHIP</u>	<u>PERIOD</u>	<u>NO. OF STATIONS</u>
✓ SHUGUANG No. 4 7654	7.-11.I.1978	19
✓ SHIJIAN 7654	11.-12.I.1978	13
✓ XIANGYANGHONG No. 7 76x7	17.-21.III.1978	19
✓ SHIJIAN 7654	8.-9.III.1978	13
✓ XIANGYANGHONG No. 8 76xC	22.-23.VII.1978	7
✓ SHUGUANG No. 4 7654	12.-14.VII.1978	11
✓ SHUGUANG No. 7 7657	5.-6.VII.1978	11
✓ SHUGUANG No. 5 7655	13.-21.IX.1978	18
✓ SHUGUANG No. 7 7657	20.-21.IX.1978	13
Total		124

"Oceanographic Station Data, The Yellow Sea, 1980"

<u>SHIP</u>	<u>PERIOD</u>	<u>NO. OF STATIONS</u>
✓ SHUGUANG No. 5 7655	11.-16.I.1980	19
✓ SHIJIAN 7654	8.-9.IV.1980	13
✓ SHUGUANG No. 5 7655	9.-24.IV.1980	15
✓ SHUGUANG No. 7 7657	17.-18.IV.1980	10
✓ XIANGYANGHONG No. 7 76x7	13.-18.VII.1980	18
✓ SHIJIAN 7654	4.-5.VII.1980	13
✓ XIANGYANGHONG No. 9 76AF	18.-21.XII.1980	19
✓ XIANGYANGHONG No. 10 76x8	17.-18.XII.1980	13
Total		120

"Oceanographic Station Data, The Yellow Sea, 1981"

<u>SHIP</u>	<u>PERIOD</u>	<u>NO. OF STATIONS</u>
✓ SHUGUANG No. 4 7654	18.-21.III.1981	19
✓ SHUGUANG No. 7 7657	12.-13.III.1981	13
✓ XIANGYANGHONG No. 8 76xC	13.-16.VI.1981	19
✓ SHUGUANG No. 6 7650	19.-20.VI.1981	13
✓ XIANGYANGHONG No. 8 76xC	11.-22.IX.1981	19
✓ XIANGYANGHONG No. 1 76xA	9.-10.IX.1981	13
✓ XIANGYANGHONG No. 8 76xC	16.25.X.1981	19
✓ SHUGUANG No. 7 7657	10.-11.X.1981	12
Total		127

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
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8600013	C100	760211	9999	7601	76S4	1978/07/12	NULL	158590
8600013	C100	760223	9999	7601	76S4	1981/03/18	NULL	158601
8600013	C100	760213	9999	7601	76S5	1978/09/13	NULL	158592
8600013	C100	760215	9999	7601	76S5	1980/01/11	NULL	158594
8600013	C100	760217	9999	7601	76S5	1980/04/09	NULL	158596
8600013	C100	760202	9999	7601	76S7	1981/06/17	NULL	158582
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8600013	C100	760214	9999	7601	76S7	1978/09/20	NULL	158593
8600013	C100	760218	9999	7601	76S7	1980/04/17	NULL	158597
8600013	C100	760224	9999	7601	76S7	1981/03/12	NULL	158602
8600013	C100	760230	9999	7601	76S7	1981/10/10	NULL	158608
8600013	C100	760207	9999	7601	76SH	1978/01/11	NULL	158587
8600013	C100	760216	9999	7601	76SH	1980/01/08	NULL	158595
8600013	C100	760209	9999	7601	76SH	1978/03/08	NULL	158609
8600013	C100	760220	9999	7601	76SH	1980/07/04	NULL	158610
8600013	C100	760201	9999	7601	76SU	1981/06/18	NULL	158581
8600013	C100	760226	9999	7601	76SU	1981/06/19	NULL	158604
8600013	C100	760208	9999	7601	76X7	1978/03/17	NULL	158588
8600013	C100	760219	9999	7601	76X7	1980/07/13	NULL	158598
8600013	C100	760200	9999	7601	76X8	1981/01/10	NULL	158580
8600013	C100	760205	9999	7601	76X8	1981/12/05	NULL	158585
8600013	C100	760222	9999	7601	76X8	1980/12/17	NULL	158600
8600013	C100	760203	9999	7601	76XA	1981/09/08	NULL	158583
8600013	C100	760228	9999	7601	76XA	1981/09/09	NULL	158606
8600013	C100	760210	9999	7601	76XC	1978/07/22	NULL	158589
8600013	C100	760225	9999	7601	76XC	1981/06/12	NULL	158603
8600013	C100	760227	9999	7601	76XC	1981/09/16	NULL	158605
8600013	C100	760229	9999	7601	76XC	1981/10/16	NULL	158607

(31 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8600013	C100	760221	76AF	19	19	80/12/17	80/12/21
8600013	C100	760206	76S4	19	19	78/01/07	78/01/11
8600013	C100	760211	76S4	11	11	78/07/12	78/07/14
8600013	C100	760223	76S4	19	19	81/03/18	81/03/21
8600013	C100	760213	76S5	18	18	78/09/13	78/09/21
8600013	C100	760215	76S5	19	19	80/01/11	80/01/16
8600013	C100	760217	76S5	15	15	80/04/09	80/04/24
8600013	C100	760202	76S7	16	32	81/06/17	81/06/19
8600013	C100	760204	76S7	26	26	81/09/08	81/09/10
8600013	C100	760212	76S7	11	11	78/07/05	78/07/06
8600013	C100	760214	76S7	13	13	78/09/20	78/09/21
8600013	C100	760218	76S7	10	10	80/04/17	80/04/18
8600013	C100	760224	76S7	13	13	81/03/12	81/03/13
8600013	C100	760230	76S7	12	12	81/10/10	81/10/11
8600013	C100	760207	76SH	13	13	78/01/11	78/01/12
8600013	C100	760216	76SH	13	13	80/01/08	80/01/09
8600013	C100	760209	76SH	13	13	78/03/08	78/03/09
8600013	C100	760220	76SH	13	13	80/07/04	80/07/05
8600013	C100	760201	76SU	15	15	81/06/18	81/06/19
8600013	C100	760226	76SU	13	13	81/06/19	81/06/20
8600013	C100	760208	76X7	19	19	78/03/17	78/03/21
8600013	C100	760219	76X7	18	18	80/07/13	80/07/18
8600013	C100	760200	76X8	40	40	81/01/10	81/01/15
8600013	C100	760205	76X8	41	41	81/12/05	81/12/09
8600013	C100	760222	76X8	13	13	80/12/17	80/12/18
8600013	C100	760203	76XA	15	NULL	81/09/08	81/09/09
8600013	C100	760228	76XA	13	13	81/09/09	81/09/11
8600013	C100	760210	76XC	7	7	78/07/22	78/07/23
8600013	C100	760225	76XC	19	19	81/06/12	81/06/16
8600013	C100	760227	76XC	19	19	81/09/16	81/09/22
8600013	C100	760229	76XC	19	19	81/10/16	81/10/26

(31 rows affected)