B: 3:13

DATA DOCUMENTATION FORM

U.S. DEPARTMENT OF COMMERCE
NAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

F004

USCOMMEN

'80-F7,

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. ORIG | INA I UK | IDENITICATI | ION . | | . • |
|--|---------------------------------------|----------------|-----------------------------|-------------------------------|--|--------------------|
| THIS SECTION MUST BE COMP | | • | | | | |
| 1. NAME AND ADDRESS OF IN | ISTITUTION, LABOR | ATORY, OF | R ACTIVITY WIT | H WHICH SUBM | ITTED DATA AF | REASSOCIATED |
| U. S. Coast and Ge | eodetic Survey | • | | | • | • |
| | | | | • | · | |
| | _ | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | | |
| 2. EXPEDITION, PROJECT, O DATA WERE COLLECTED | R PROGRAM DURING | WHICH | | IBER(S) USED E IS SHIPMENT | BY ORIGINATOR | TO IDENTIFY |
| NAVOCEANO Harbor I | Defense Study i | n | | | • | |
| association with | | | TR 1458 | • | | |
| | · | | 16 1428 | • | | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE (E.G., SHIP, BUO | | 6. PLATFORM A | | 7. DA | TES |
| | (E.G., SHIP, BOO | r, <u>r.</u> r | PLATFORM | OPERATOR | FROM: MODAY,YR | TO: MO/DAY/YR |
| | | • | | | | |
| Bowen | Barge | • | ψ.Ş. | U.S. | 01/10/51 | 11/14/51 |
| | | | | | | |
| 8. ARE DATA PROPRIETARY | ? | | | | UARES IN WHIC | |
| X NO YES | | | AINED IN TOOK | | ERE COLLECTI | -D. |
| IF YES, WHEN CAN TH | EY BE RELEASED | | | GENERAL AF | PF A | |
| FOR GENERAL USE! | YEAR MONTH | | _ ·.· | | | |
| 9. ARE DATA DECLARED NA PROGRAM (DNP)? | TIONAL | 180- 120- | 140° 160° 180° 160° 140 | * 120° 100° 60° - 50° | 49° 20° 0° 20° | 40" 60" 80" 180" |
| (I.E., SHOULD THEY BE IN DATA CENTERS HOLDING | | 7,174 | 7422 200 | | \$ 25 12.48 | 284 276 |
| TIONAL EXCHANGE?) | FOR INTERNA- | वद् | 217 | 77 70 77 12 | 1 2 21123 | 745 |
| X NO YES PAR | T (SPECIFY BELOW) | -11 | 4 MI - [] MI | Jan 1991 | S. S | 212 207 |
| | , | 40. 10 | 160 | 155 | 145 190 | 1076 7 9 171 |
| | | 20 000 | 120 124 124 124 | 119 113 | | 104 12 1099 284 |
| 10. PERSON TO WHOM INQUIRE | ES CONCERNING | | 057 052 021 : 016 | 017 | 7 017072 N 001036 | 032 |
| DATA SHOULD BE ADDRES PHONE NUMBER (AND ADD | SSED WITH TELE- | | 320 315 30 351 | 310 35 | 300 335 | (3) 126 |
| THAN IN ITEM-1) | RESS IF OTHER | 20" 37 | 302 | 382 37 | | 20 378 20 |
| | | 40 | C 404 & 459 | 118 118 | | 437 432 40 |
| Unknown | • | | 500 , 195 | 23 | 430515 | 511 506 |
| \ . | • | | 536 531 | 520 | i, 516551 | 54) |
| | | in/土土 | 572 | 490 | 552587 | |
| | | -7G 120* - | 148" 168" 180' 160' 140 | o* 178* 189* 80* E0* | 40 20 0 20 | 40' 60° 80' 100- i |
| MOAA SORM 24s! | | | | | 115.00 | ````` |

TR1459

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

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 COMP | LETED BY DONOR | FOR ALL | DATA TRANSMIT | TTALS | | |
|--|--------------------------------------|--|---|---|-------------------------------|---|
| 1. NAME AND ADDRESS OF IN | ISTITUTION, LABOR | ATORY, O | R ACTIVITY WIT | H WHICH SUBM | ITTED DATA AF | E ASSOCIATED |
| U. S. Coast and Geod | etic Survey | ٠. | · | | | |
| | | | | ٠. | <i>:</i> | • |
| 2. EXPEDITION, PROJECT, O DATA WERE COLLECTED | R PROGRAM DURING | WHICH | 3. CRUISE NUM | | Y ORIGINATOR | TO IDENTIFY |
| NAVOCEANO Harbor Defe | | | | • | | • |
| association with Corn | ell Univ. | | Te 1459 | | | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE (E.G., SHIP, BUO | | 6. PLATFORM A NATIONALIT | YUES) | 1. | res . |
| | | | PLATFORM | OPERATOR | FROM: MO/DAY/YR | TO: MO/DAY/YR |
| Bowen | Barge | | v.s. | u.s. | 05/07/52 | 05/28/52 |
| 8. ARE DATA PROPRIETARY IF YES, WHEN CAN THE FOR GENERAL USE! 9. ARE DATA DECLARED NA PROGRAM (DNP)? | EY BE RELEASED YEARMONTH | CONT | | SUBMISSION WI | · | |
| (I.E., SHOULD THEY BE IN DATA CENTERS HOLDING: TIONAL EXCHANGE?) XX NO YES PAR | S FOR INTERNA- T (SPECIFY BELOW) | 275 22 25 25 25 25 25 25 25 25 25 25 25 25 | 233 234 237 232 237 232 237 232 238 232 240 250 224 250 257 252 | 265 277 277 277 277 277 277 277 277 277 27 | | 284 (1) (1) 279 10 243 243 243 243 260 212 207 100 100 100 100 100 100 100 1 |
| 10. PERSON TO WHOM INQUIRI DATA SHOULD BE ADDRES PHONE NUMBER (AND ADD THAN IN ITEM-I) Unknown | SED WITH TELE- | 8° 120 27 20° 120° 120° 120° 120° 120° 120° 120° | 121 016 315 120 315 120 315 120 315 120 | 011 300 350 | 372 507 408 643 444 479 | 100 100 |
| NO A A FORM 24-13 | | <u> </u> | | | USCO | MM. Carrier |

TR1460

NOAA FORM 24-13

U.S. DEPARTMENT OF COMMERCE ON AL OCEANIC AND ATMOSPHERIC ADMINISTE NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION
ROCKVILLE, MARYLAND 20852

F004

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

| I. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED U. S. Coast and Geodetic Survey 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NAVOCEANO Harbor Defense Study in association with Cornell Univ. 4. PLATFORM NAME(S) S. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Stirni Barge U. S. U. S. 02/07/52 03/20/52 B. ARE DATA PROPRIETARY? II. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 12. W. NO YES 13. CRUISE NUMBER (S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT TO ALE NATIONAL TYPE(S) 14. V. W. O. 15. PLATFORM AND OPERATOR TO DATE CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 16. ENERGL USE? YEAR MONTH DATA DECLARED NATIONAL PROGRAM (DMP)? (I.E., SHOULD THE' BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE!) TO PERSON TO WHOM INQUIRIES CONCERNING OATA SHOULD BE ADDRESSED WITH TELE- PHONEN NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) UNKNOWN 10. PERSON TO WHOM INQUIRIES CONCERNING OATA SHOULD BE ADDRESSED WITH TELE- PHONEN NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) UNKNOWN 10. PERSON TO WHOM INQUIRIES CONCERNING OATA SHOULD BE ADDRESSED WITH TELE- PHONEN NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) UNKNOWN 10. PERSON TO WHOM INQUIRIES CONCERNING OATA SHOULD BE ADDRESSED WITH TELE- PHONEN NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) UNKNOWN 10. PERSON TO WHOM INQUIRIES CONCERNING OATA SHOULD BE ADDRESSED WITH TELE- PHONEN NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) UNKNOWN 10. PERSON TO WHOM INQUIRIES CONCERNING OATA SHOULD BE ADDRESSED WITH TELE- PHONEN NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) UNKNOWN 10. PERSON TO WHOM IN IN ADDRESS IF OTHER THAN IN ITEM-10. SEE THE TEM-10. | THIS SECTION MUST BE COMP | LETED BY DONOR | FOR ALL | DATA TRANSMIT | TTALS | | · |
|--|--|--|--|---|--|---|---|
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NAVOCEANO Harbor Defense Study in association with Cornell Univ. 4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Stirni Barge 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 9. ARE DATA PROPRIETARY? 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 12. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 13. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 14. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 15. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 16. PLATFORM AND OPERATOR 7. DATES NATIONAL PROPERTY TO MARKET WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 17. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 18. ARE DATA PROPRIETARY? 19. ARE DATA PROPRIETARY? 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 18. ARE DATA PROPRIETARY? 19. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 19. ARE DATA DECLARED NATIONAL PROPRIETARY P | 1. NAME AND ADDRESS OF IN | STITUTION, LABOR | ATORY, O | R ACTIVITY WIT | H WHICH SUBM | ITTED DATA AF | RE ASSOCIATED |
| DATA WERE COLLECTED NAVOCEANO Harbor Defense Study in association with Cornell Univ. 4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Stirni Barge U.S. U.S. 02/07/52 03/20/52 8. ARE DATA PROPRIETARY? II. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. PART OATA DECLARED NATIONAL PROGRAM (DMP)? (I.E. SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) IN O YES PART (SPECIFY BELOW) 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) Unknown Unknown DATA IN THIS SHIPMENT TO DATA OF THE SHIPMENT TO DEFEND TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) UNKnown | U. S. Coast and Geode | etic Survey | | | | | |
| DATA WERE COLLECTED NAVOCEANO Harbor Defense Study in association with Cornell Univ. 4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Stirn1 Barge U.S. U.S. 02/07/52 03/20/52 8. ARE DATA PROPRIETARY? IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE! YEAR MONTH 9. ARE DATA DECLARED NATIONAL PROGRAM (ODD)? (I.E. SHOULD THEY, BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) IN O YES PART (SPECIFY BELOW) 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) Unknown DATA IN THIS SHIPMENT TO DATA OF THE SHIPMENT TO DEFEND TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) UNKnown UNKnown DATA IN THIS SHIPMENT TO DATA OF THE SHIPMENT TO MATERIAL THE SHIPMENT TO MATERIAL THE SHIPMENT TO DATA OF THE SHIPMENT TO MATERIAL THE SHIPMENT | | | | | | | |
| DATA WERE COLLECTED NAVOCEANO Harbor Defense Study in association with Cornell Univ. 4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Stirn1 Barge U.S. U.S. 02/07/52 03/20/52 8. ARE DATA PROPRIETARY? IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE! YEAR MONTH 9. ARE DATA DECLARED NATIONAL PROGRAM (ODD)? (I.E. SHOULD THEY, BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) IN O YES PART (SPECIFY BELOW) 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) Unknown DATA IN THIS SHIPMENT TO DATA OF THE SHIPMENT TO DEFEND TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) UNKnown UNKnown DATA IN THIS SHIPMENT TO DATA OF THE SHIPMENT TO MATERIAL THE SHIPMENT TO MATERIAL THE SHIPMENT TO DATA OF THE SHIPMENT TO MATERIAL THE SHIPMENT | • • • | | | | • | | |
| association with Cornell Univ. 4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Stirni Barge U.S. U.S. 02/07/52 03/20/52 8. ARE DATA PROPRIETARY? 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE RELEASED FOR GENERAL USE? YEAR MONTH DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) No | | R PROGRAM DURING | WHICH | | | Y ORIGINATOR | TO IDENTIFY |
| Stirni Barge U.S. U.S. 02/07/52 03/20/52 B. ARE DATA PROPRIETARY? If yes, when can they be released for general use; year month Program (onp)? (i.e., should they be included in world Data centers holdings for international exchange?) X no | | | | TR1460 | 2 | | • |
| Stirni Barge U.S. U.S. 02/07/52 03/20/52 B. ARE DATA PROPRIETARY? II. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. ON ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY, BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) XNO YES PART (SPECIFY BELOW) 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) Unknown Unknown DIN TOWN THE MARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 12. SUBMISSION WERE COLLECTED. 13. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 14. SUBMISSION WERE COLLECTED. 15. ARE DATA PROPRIETARY? 16. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 16. ARE DATA PROPRIETARY? 17. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 18. ARE DATA PROPRIETARY? 19. ARE DATA PROPRIETARY? 19. ARE DATA PROPRIETARY? 10. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 18. ARE DATA PROPRIETARY? 19. ARE DATA PROPRIETARY? 19. ARE DATA PROPRIETARY? 10. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 10. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 18. ARE DATA PROPRIETARY? 18. ARE DATA PROPRIETARY? 19. ARE DATA DECLARED NATIONAL PROPRIETARY? 18. ARE DATA PROPRIETARY? 19. ARE DATA DECLARED NATIONAL PROPRIETARY? 18. ARE DATA PROPRIETARY? 18. ARE DATA PROPRIETARY? 19. ARE DATA PROPRIETARY? 19. ARE DATA PROPRIETARY? 19. ARE DATA PROPRIETARY? 19. ARE DATA PROPRIETARY? 10. PERSON TO WHOM INQUIRIES CONCERNING 19. ARE DATA PROPRIETARY? 19. ARE DATA PROPRIETARY? 19. ARE DATA PROPRIETARY? 19. ARE | 4. PLATFORM NAME(S) | | | | | 7. DA | TES |
| B. ARE DATA PROPRIETARY? 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 15. 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?) X NO | • | (E.G., SHIP, 800 | , E(C.) | - | ···· | FROM: MODAY,YF | TO: MO/DAY/YR |
| CONTAINED IN YOUR SUBMISSION WERE COLLECTED. 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?) X NO YES PART (SPECIFY BELOW) 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) Unknown CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA 100' 130' 180' 180' 180' 180' 180' 180' 180' 18 | Stirni | Barge | • | U.S. | U.S. | 02/07/52 | 03/20/52 |
| PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) XNO YES PART (SPECIFY BELOW) 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) Unknown 10. PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) Unknown Unknown 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE DATA SHOULD BE ADDRESS | XX NO YES IF YES, WHEN CAN THE FOR GENERAL USE! | EY BE RELEASED YEARMONTH | | | SUBMISSION W | ERE COLLECT | |
| DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Unknown Unknown 532 536 531 536 537 538 538 538 538 538 538 538 538 538 538 | PROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?) XNO YES PART | CLUDED IN WORLD FOR INTERNA- (SPECIFY BELOW) | 275 25 25 25 25 25 25 25 25 25 25 25 25 25 | 200 200 200 200 200 200 200 200 200 200 | 227 227 191 155 159 100 100 100 100 100 100 100 100 100 10 | 2) 2288 217 252 153 214 153 214 154 150 159 124 179 179 124 179 124 17 | 254 279 243 243 243 243 243 243 243 243 243 243 |
| | DATA SHOULD BE ADDRES PHONE NUMBER (AND ADD THAN IN ITEM-I) | SED WITH TELE- | 60° (35) | 200 315 356 351 367 | 310 36 346 34 322 57 415 415 46 450 520 55 | 300 339 336 337 1/ 312 407 405 443 444 479 3 480 515 516 551 | 51 326 342 20° 439 444 40° 457 440° 511 506 80° 533 578 |

TR1461

NOAA FORM 24-13

110 A A FORM 24-13

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

FORM APPROVED

F004

USCOHIA : 1

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. ORIG | INATOR | IDENTIFICAT | IÒN | | |
|--|---------------------------------------|-------------------------------|--|---|---|--|
| THIS SECTION MUST BE COM | LETED BY DONOR F | OR ALL | ATA TRANSMIT | TTALS. | | |
| 1. NAME AND ADDRESS OF IN | STITUTION, LABORA | TORY, OF | R ACTIVITY WIT | H WHICH SUBM | TTTED DATA AF | RE ASSOCIATED |
| U. S. Coast and Ge | odetic Survey | : | | | | |
| | • | | ÷ | | | |
| 2. EXPEDITION, PROJECT, O DATA WERE COLLECTED | R PROGRAM DURING | wнісн | | ABER(S) USED E | Y ORIGINATOR | TO IDENTIFY |
| NAVOCEANO Harbor Dassociation with C | | | A | | | |
| | | | - | TR1461 | | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE (E.G., SHIP, BUOY | | 6. PLATFORM A NATIONALIT | | 7. DA | TES |
| | | | PLATFORM | OPERATOR | FROM: MO,DAY,YR | TO: MO/DAY/YR |
| Nelson | Barge | ٠. | U.S. | U.S. | 11/05/51 | 06/14/52 |
| 8. ARE DATA PROPRIETARY | ? | | | | UARES IN WHIC | |
| IF YES, WHEN CAN TH | | | • | GENERAL AR | REA . | |
| 9. ARE DATA DECLARED NA PROGRAM (DNP)? | | 100° 120° . 1 | 40° 160° 180° 160° 140 |)* 120° 100° 80° 60° | 40° 20° 0° 20° | 40" 60" 68" 160" |
| (I.E., SHOULD THEY BE IN DATA CENTERS HOLDING TIONAL EXCHANGE?) | CLUDED IN WORLD S FOR INTERNA- | / B | 277 278 | 21 74 2 | 27700 | 243 243 50° |
| X NO YES PAR | T (SPECIFY BELOW) | 40 · 10 | (1 20) - 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 191 180 155 5 5 5 | 1357 21 d 2 d 1 d 1 d 1 d 1 d 1 d 1 d 1 d 1 | 212 · 'Si 076 7 9 · 171 140 135 40° |
| | | 20- 13 | 093 DES 057 . 052 | 047 04 | a (037072) | 104 200 |
| 10. PERSON TO WHOM INQUIR DATA SHOULD BE ADDRE PHONE NUMBER (AND ADI THAN IN ITEM-I) | SSED WITH TELE- | 8' 7' 101 20' 101 40 | | 011 10 10 10 10 10 10 1 | 336 371 (7 377 407) 3 406 443 | 1027 0 1511 1520 152 |
| Unknown | - | 103- 120- | 572 564 140° 180' 180' 180° 140 | 190 190 | 40 20° 0° 20 | 513 500 80" 553 578 48" 50" 80" 198" |
| | | 103- 120- 1 | 140- 160. 186, 169, 140 |) 126, 100 80, 6 0, | 40. 20. 0. 50. | 4D. ED. 80. ;00. |

TR1462

NOAA FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCK VILLE, MARYLAND 20852

E004

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

| | A. 01() | JINATOR | DENTITICAT | ION | | |
|---|---------------------------------------|--------------|-------------------------|---------------------|--|-----------------------|
| THIS SECTION MUST BE COMP | · · · · · · · · · · · · · · · · · · · | | | | <u> </u> | |
| 1. NAME AND ADDRESS OF IN | STITUTION, LABOR | ATORY, OF | R ACTIVITY WIT | H WHICH SUBM | TTED DATA AF | RE ASSOCIATED |
| U. S. Coast and Geo | odetic Survey | | • | | | |
| | | | | | | |
| · | | | | | | |
| 2. EXPEDITION, PROJECT, O DATA WERE COLLECTED | R PROGRAM DURING | WHICH | | IBER(S) USED E | Y ORIGINATOR | TO IDENTIFY |
| | | | · | | | |
| NAVOCEANO Harbor De | | | B | | | |
| association with Co | ornerr ours. | | . В | T21462 | | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE | F(S) | 6. PLATFORM A | | . DA | TES |
| | (E.G., SHIP, BUO | | NATIONALIT | | | |
| · . | · · | • | PLATFORM · | OPERATOR | FROM: MODAY,YR | TO: MO/DAY/YR |
| | | | . • | | | |
| Nelson | Barge | | U.S. | v.s. | 07/30/52 | 10/25/52 |
| 8. ARE DATA PROPRIETARY | ? | | SE DARKEN ALI | | | |
| X NO YES | | | AINED IN TOOK | | ENE COLLECT | -5. |
| IF YES, WHEN CAN TH | | | | GENERAL AR | EA | , |
| 9. ARE DATA DECLARED NA | | | | : | | |
| PROGRAM (DNP)? (I.E., SHOULD THEY BE IN | CLUDED IN WORLD | 100 128 | 140" 160" 180" 180" 146 | 120 100 80 80 | 40° 20° 0° 20° | 40. ED. 60. 100. |
| DATA CENTERS HOLDINGS TIONAL EXCHANGE?) | | | | 27 - 22 - 32 | 32 217 25 P | |
| XNO YES PART | T (SPECIFY BELOW) | 230 | 4 E01 100 | 191 125 | 13,120 | 212 . 207 |
| | | 40. 174 A.C. | 129 124 | 119 114 | LIO TAR SOCI | 140 135 40° |
| | | 20- 100 | 057 D88 | D37 D47 | | 104 20* |
| 10. PERSON TO WHOM INQUIRED DATA SHOULD BE ADDRES | | • 35 | 021 016 315 | . | 300335 | 0327 027 531 - 326 |
| PHONE NUMBER (AND ADD THAN IN ITEM-1) | | 20. 337 | 356 g 351 | 346 341 382 371 | | 167 367 403 393 |
| THAN IN TI EM-17 | | 46 37 | V 60 1 1 101 | 119 | 402443 | 439 434 40* |
| I | • | 467 | 10404 (5 1459 | 100 8 100 | }- - - - - - - - | 457 . 420 |
| | • | 60 (65) | 500 495 | ┪┼┤┼┼┼ | ! | 511 500 60* |
| Unka | | | 533 531 | 126 5 | 516551 | |
| Unknown | | 190. 150. | 140- 160- 160- 160- 140 | " 120- 100° 80° 50° | 40 20' 0" 20" | 40" 60" 60" 100" |
| l . | <u>.</u> | l . | | | | ł |

NOAA FORM 24-13

USCOMM-DC 44289-PT2

TR1463

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-R265 FOO 4

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 COMP | LETED BY DONOR | FOR ALL D | DATA TRANSMIT | TALS | | |
|---|--------------------------------------|----------------|---|---|---|--|
| 1. NAME AND ADDRESS OF IN | ISTITUTION, LABOR | ATORY, OF | R ACTIVITY WIT | H WHICH SUBM | ITTED DATA AF | E ASSOCIATED |
| U. S. Coast and Ge | odetic Survey | | | | | |
| 2. EXPEDITION, PROJECT, O DATA WERE COLLECTED | R PROGRAM DURING | WHICH | | BER(S) USED E IS SHIPMENT | Y ORIGINATOR | TO IDENTIFY |
| Navoceano Harbor Do | efense Study ir | 1 | | | | |
| association with Co | | | С | TR1463 | | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE (E.G., SHIP, BUO | | 6. PLATFORM A | | 7. DA | TES |
| · | . (2.6., 3.117 , 200 | ., 2.0., | PLATFORM | OPERATOR | FROM: MODAY,YR | TO: MO/DAY/YR |
| | | | | | | <u> </u> |
| Nelson | Barge | | U.S. | U.S. | 07/30/52 | 11/25/52 |
| B. ARE DATA PROPRIETARY | 7 | | | | UARES IN WHICH | |
| X NO YES | | CONT | AINED IN TOUR | A A | ERE COLLECTE | |
| . IF YES, WHEN CAN TH FOR GENERAL USE? | | | • | GENERAL AR | EA | |
| 9. ARE DATA DECLARED NAT | | 100" 120" | 140° 160° 188° 160° 140 | * 120* 100* 60* 60* | 40° - 20° 0° 20° | 10" 60° 80° 100° |
| (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?) | | 575 PE | 737 219 | 201 52 70 | \$ 253223 \$\tilde{C}\$21725\$ \tilde{C}\$ | 754 279 754 243 |
| XNO YES PART | T (SPECIFY BELOW) | 236 | 7017 | 101 | 13721 | 212 707 |
| | | 20° (65) | 129 124 093 033 057 052 | 053 070 053 040 | 073 10st | 140 135 40° |
| 10. PERSON TO WHOM INQUIRI DATA SHOULD BE ADDRES PHONE NUMBER (AND ADD THAN IN ITEM-I) Unknown | SED WITH TELE- | 20° 33 40° 4.5 | 27 1 016 200 315 300 355 303 227 423 427 425 427 459 500 475 | 011 20 310 32 340 34 340 34 340 340 340 340 340 340 3 | 372 407 402 443 444 470 | 037 07 07 07 07 07 07 07 07 07 07 07 07 07 |
| | | 541 | 536 - 531 572 567 | 526 55 552 55 1° 120° 100° 80° 80° | 51655± 7. 552587 | 547 542 543 573 48° 68° 80° 100° |

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

USCOMM

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. OKI | MAIOK | IDENTIFICATI | IUN | | |
|---|--------------------------------------|--|---|--|-------------------------------|---|
| THIS SECTION MUST BE COMP | PLETED BY DONOR | FOR ALL D | ATA TRANSMIT | TALS . | | |
| 1. NAME AND ADDRESS OF IN | ISTITUTION, LABOR | ATORY, OF | R ACTIVITY WIT | H WHICH SUBM | ITTED DATA AF | RE ASSOCIATED |
| U. S. Coast and G | Geodetic Survey | | | | | • |
| | | | | | | |
| 2. EXPEDITION, PROJECT, O DATA WERE COLLECTED | R PROGRAM DURING | WHICH | | (BER(S) USED E IS SHIPMENT | BY ORIGINATOR | TO IDENTIFY |
| NAVOCEANO Harbor Def | ense Study in | | | | | |
| association with Cor | mell Univ. | • | | | | |
| | | ٠. | TRI4 | 6H | | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPI (E.G., SHIP, BUO | | 6. PLATFORM A NATIONALIT | Y(IES) | 1 | TES |
| • | | | PLATFORM | OPERATOR | FROM: MODAY/YR | TO: MO/DAY/YF |
| Myers | Barge | | U.S. | U.S. | 11/02/53 | 11/02/53 |
| 8. ARE DATA PROPRIETARY | <u></u> | | | | <u> </u> | |
| 6. ARE DATA PROPRIETARY | • | | | | UARES IN WHICERE COLLECTI | |
| X NO YES | | | | | | |
| IF YES, WHEN CAN TH FOR GENERAL USE? | YEARMONTH | | · | GENERAL AR | REA | <u></u> |
| 9. ARE DATA DECLARED NA PROGRAM (DNP)? | TIONAL . | 100" 120" 1 | 40° 160° 180° 160° 140 | " 120° 100° 80° 60° | 40* 20* 0* 20* | 40" 60" 100" |
| (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?) | | 500 | 217 208 | Trus (PD) | \$ 25×253 | 224 243 243 243 90° |
| XNO TYES PAR | T (SPECIFY BELOW) | 206 40° | 165 160 160 179 179 179 179 179 179 179 179 179 179 | 101 12 | | 212 207 2170 9 171 1100 1334 |
| 1 | | 20. 093 6 | 093 065 | 07 | 7 (073)105 | 104 200 |
| 10. PERSON TO WHOM INQUIRI DATA SHOULD BE ADDRES PHONE NUMBER (AND ADD THAN IN ITEM-1) | SED WITH TELE- | 0° 130 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | 057 052 052 052 016 016 0155 016 0155 016 0155 0155 015 | 047 041 050 050 050 050 050 050 050 050 050 05 | 300335\ 300335\ 300335\ | 000 000 |
| Unknown | | .10% | 500 459 | 470 454 | 9 444 479 5 450515 | 457 470 511 50e |
| | • | 50 20 | 536. 531 | 326 52 | 1 516551 | 547 542 80 * |
| | | 577) 100 120° | . 57.3 567 140° 160° 180° 160° 140 | 55 128° 108° 80° 50° 50° | 40° 20° 6° 20° | 583 578 40° 60° 80° 100° |
| NOAA FORM 24-13 | | | | | | |
| | | | | | | |

B. SCIEN. C CONTENT

| | | · · · · · · · · · · · · · · · · · · · | D. SCIER. C CC | 7N I EN I | <u> </u> |
|-----|-------------------|---------------------------------------|--|--|---|
| N/ | AME OF DATA FIELD | REPORTING UNITS OR CODE | METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL) | ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES | DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING |
| ľ | Depth | Feet Meters | | · | |
| ן ז | Cemperature | Fahrenheit Centigrade | | | |
| 5 | Salinity | °/oo | IINEI | II NEJ | |
| I | Density | | UNDETERMINED | UNDETERMINED | |
| | Oxygen | m1/1 | UNDE | UNDE | |
| | | | | · · | |
| | | | | | |
| | | | · | · . | |
| | | | | | |
| | • | | | | |
| | | | | | |
| | | | | | |
| | | · | | | |
| | | | | | |
| | , | · | | | |
| | | | | | |
| | | | | | |

| · · · · · · · · · · · · · · · · · · · | |
|---|---|
| 1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL GIVE METHOD OF IDENTIFYING EACH RECORD TYPE | L OF YOUR FILE |
| FILE HEADER RECORD - "1" in col. 10 FIRST STATION HEADER RECORD - "2" in col SECOND STATION HEADER RECORD - "3" in co DATA RECORDS - "4" in col. 10 | |
| | |
| 2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION | |
| | |
| A. RESPONSIBLE COMPUTER SPECIALIST: NAME AND PHONE NUMBER ADDRESS | ALUGL COBOL LANGUAGE |
| | |
| 5. RECORDING MODE BCD BINARY ASCII XX EBCDIC | 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) XX 3/4 INCH 10. END OF FILE MARK |
| 5. NUMBER OF TRACKS | |
| (CHANNELS) SEVEN | WPASTE-ON-PARTER LABEL DESCRIPTION [INC.LUDIE ORIGINATOR NAME AND SOME LAY SPECIA ICATIONS OF DATA TYPE, VOLUME NUMBER) |
| 7. PARITY XX ODD EVEN | Data on tape is in card image dcb = (recfm*fb,lrecl*80,blksize=3200) DSN = AC 79 0385 ,vol=ser=004519 |
| 8. DENSITY 200 BPI XX 1600 BPI | 9 Track tape;Standard Label. |
| 556 BPI | 12. PHYSICAL BLOCK LENGTH IN BYTES |
| ■ 800 BPI | 3200 13. LENGTH OF BYTES IN BITS |
| | 8 |
| | |

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

RECORD FORMAT DESCRIPTION

WATER PHYSICS and CHEMISTRY (File Type "004") FILE NAME:_ 18. USE AND MEANING 16. LENGTH 17. ATTRIBUTES 4. FIELD NAME 15. POSITION FROM-1 MEASURED (FORTRAN) in bytes IN NUMBER (c.g., bits, bytes) File Header Record File Type 1 .3 A3 . "004" (constant) 6 Track Number 4 6AI NODC (in-house) Identifier Record Type Al "1" (File Header Record) 10 1 **Vessel** 11A1 11 11 (left aligned) Cruise 22 6 6A.1 Originator's Cruise Identifier Cruise Dates 28 *1*:7 5(I2,A1) I2 XX/XX/XX-XX/XX/XXBeginning Month, Day, Year; Ending Month, Day, Year Senior Scientist 45 19 19A1 (left aligned) Investigator 64, 17 . 17A1 Responsible Institution (left aligned)

NAA FARM 24-12

| 14. FIELD NAME | 15. POSITION | 16. LEN | | 19. USE AND MEANING |
|-----------------|---------------------|------------|----------------|---|
| | MEASURED | IN DY | tes (FORTRAIN) | |
| <u> </u> | (e.g., bits, bytes) | | • | |
| First Station H | eader Recor | <u>d</u> | | |
| File Type | 1 : | 3 | A3 · . | "004" (constant) |
| Track Number | . 4 | 6 | 6Al | NODC (in-house) Identifier |
| Record Type | 10 | 1 | A1 | "2" (First Station Header Record) |
| Sequence | | 3 | I2 | Sequence of this record type within station. (Leading zeros or leading blanks.) |
| Station | 14 | 5 | 5A1 | Station Identifier |
| <i>Latitude</i> | 19 | 6 | 312 | Degrees, Minutes, Seconds |
| Lathem | 25 | 1. | A1 | Hemisphere "N" or "S" |
| Longitude | 26 | 7 | 13, 212 | Degrees, Minutes, Seconds |
| onhem | 33 | 1 | A1 | Hemisphere "W" or "Ē" |
| Time | 34 | . 3 | 13 | GMT in hour to tenths |
| Date | 37 | 8 | 2(I2,A1), I2 | XX/XX/XX Station Date; Month, Day, Year |
| Bottom | 45 | 5 | . I5 | Water Depth, meters to tenths |
| Navigation . | 50 | 2 . | 12 | (See attached codes) |
| Method | . 52 | · 1 | 11 | (See attached codes) |
| Blank | 53 | 28 | 28X | Blank |
| · | | | | |
| | | | | : |
| · | . - | | | |
| | | | · | |
| | | | | |
| | | | | |
| | | | | |

FILE NAME: WATER PHYSICS and CHEMISTRY (File Type "004") 3 /5

| 4. FIELD NAME | 15. POSITION FROM - 1 | | | 18. USE AND MEANING |
|------------------|--------------------------|----------------|-----------|---|
| | | NUMBER | , | |
| | (e.g., bits, bytes) | | | |
| Second Station H | eader Reco | rd | • | |
| File Type | 1 | .3 | A3 | "004" (constant) |
| Track Number | 4 | 6 [.] | 6A1 | NODC (in-house) Identifier |
| Record Type | 10 | 1 | A1 | "3" (Second Station Header Record) |
| Sequence | 11 | 3 | 13 | Sequence of this record type |
| | | | | within station. (Leading zero or leading blanks.) |
| Station | 14 | 5. | 5A1 | Station Identifier . |
| Barometer | 19 | 3 | 13 | Pressure in millibars to tenth |
| Dry Bulb | 22 | . 4 | 14 | Air temperature; degrees Celsius to tenths |
| Wet Bulb | 26 | 4 | 14 | Air temperature; degrees Celsius to tenths |
| Wind Direction | 30 | 2 | I2 | WMO code 0877; tens of degrees |
| Wind Speed | 32 | 2 | 12 | Knots |
| Sea Direction | 34 | 2 | 12 | WMO code 0885; tens of degrees |
| Sea Height | 36 | 1 | A1 | WMO code 1555 |
| Swell Direction | 37 | . 2 | I2 | WMO code 0885 |
| Swell Height | 39 | 1 | Al | WMO code 1555 |
| Weather | 40 | 1 | 11 | WMO code 4501 |
| Cloud Type | 41 | 1 | Al | WMO code 0500 |
| Cloud Cover | 42 | 1 | 11 | WMO code 2700 . |
| Visibility | 43 | 1 | 11 | WMO code 4300 |
| Transparency | 44 | 4 | 14 | Secchi Disk Depth; meters to tenths |
| Turbidity Code | 48 | 1 | II. | (See attached codes) |
| Blank | 49 | 37 | 37X | Blank |

NO 4 A FORM 24-13

NOAA FORM 24-13

| FIELD NAME | 15. POSITION | 16 I FNGTE | 1 17. ATTRIBUTES | 18. USE AND MEANING |
|----------------|----------------------------|--------------|------------------|--|
| , TILL D WAME | FROM - 1 MEASURED IN | in bytes | 1 | |
| · | (c.g., bils, byles) | NUMBER | | |
| Data Record | | | | |
| File Type | 1 | .3 | A3 | "004" (constant) |
| Track Number | 4 | . 6 | 6A1 | NODC (in-house) Identifier |
| Record Type | 10 | 1 | A1 | "4" (Data Record) |
| Sequence | 11 | 3 | 13 | Sequence of this record type within station. (Leading zeror leading blanks.) |
| Station | 14 | . 5 | 5A1 | Station Identifier |
| Depth | 19 | 4 | 14 | Sample Depth; to tenths |
| Temperature , | 23 | 5 | 15 | Water Temp.; degrees Celsius to thousandths |
| Salinity | 28 | 5 | I5 | Salinity; parts per thousand to thousandths |
| jgma−T | 33 | 4 | 14 | Sigma-t to hundredths |
| Transmissivity | 37 | 3 | 13 | Transmissivity; percent to tenths |
| рΗ | 40 | 3 | 13 | pH to hundredths |
| ен . | 43 | 4 | I 4 | eH to hundredths |
| Oxygen | 47 | 4 | 14 | Dissolved; hundredths to ml./liter |
| Ammonia | 51 | 3 | 13 | Tenths of microgram (ug)- atoms/liter |
| Nitrite . | 54 | 3 | <i>I3</i> | Hundredths of ug-atoms/lite |
| Nitrate | 57 | 4 | I4 · | Hundredths of ug-atoms/lite |
| Silicate | 61 | 4 | I 4 | Hundredths of ug-atoms/lite |
| Phosphate | 65 | 3 | 13 | Inorganic; hundredths of ugatoms/liter |
| Solids | 68 | . 4 . | 14 | Suspended solids in hundred of mg./liter |

RECORD FORMAT DESCRIPTION

WATER PHYSICS and CHEMISTRY (File Type "004") 5. POSITION 16. LENGTH 14. FIELD NAME 17. ATTRIBUTES 18. USE AND MEANING FROM - 1 MEASURED in bytes (FORTRAN) (e.g., bits, bytes) Data Record (cont'd) Turbidity; in hundredths of 72 Turbidity mg./liter Chlorophyll; in hundredths of $mg./meter^3$ Chlorophy11 76 HOAA FORM 24-13

Special Coues

Water Physics and Chemistry

NAVIGATION

- Ol = Loran (mixed or unspecified)
- 02 = Radar and/or fixes
- .03 = Raydist without complications
- 04 = Raydist with errors, drifting, etc.
- 05 = Satellite
- 06 = Omega
- 07 = Loran A only
- 08 = Loran C only

TURBIDITY CODE

- l = Turbidometer; in JTU
- 2 = Transmissometer; in percent of light transmission over a 10 cm.
- 3 = Flourometer; suspended solids calibration

METHOD CODE

- 1 = STD (Salinity, Temperature, and Depth recorder)
- 2 = XBT (Expendable Bathythermograph)
- 3 = Nansen Cast 4 = MBT (Mechanical Bathythermograph)

TRACK TRI458 - TRI464

CODING INSTRUCTIONS

| NODC COUNTRY- | CRUISE REFER | ENCE NO. 720385 | , WRITER_ LWA | _DA'TE |
|---------------|--|------------------------------------|--|---------------------------------|
| CHECKED | BY | DATE | ; APPROVED BY_ | DATE |
| SOURCE MATERI | AL (AUTHOR, | TITLE, VOLUME, F | ART, PAGE, ETC.) | |
| consists of | 4 sub-data s | ets (cruise) of | e entire data batc 3628 observations. individual cruise | A File |
| | | tch, a set of co sub-data sets. | ding instructions | are provided |
| - Ir | | | | |
| | | | | |
| | | | | |
| _ | | | | |
| | | | - | |
| | | | | |
| | | | ONJUNCTION WITH TH | ESE INSTRUCTIONS |
| (General inst | ructions beg | in on Page 2) | | |
| | | | · · · · · · · · · · · · · · · · · · · | |
| INSTR. NO. | | | L INSTRUCTIONS | |
| #1 | | | y data field, on t essary to fill tha | |
| | | no entry is to | be made, leave fie | |
| #2 | | | , they are underst | |
| #3 | enclosed in and should the last co | parenthesis ar be coded as suc | and salinities on e considered dou h (e.g., a "Q" sho articular field. | otful values uld be coded in |
| #4 | When coding that field | | ero should be pref | ixed to fill |

Supplemental Sheet for 720385

| Acces. No. | <u>Vessel</u> | Orig. Cr. Identification | Dates of Operation | # 0bs. | Institution |
|---------------|---------------|--------------------------|--------------------|-------------|-------------|
| 72-0385 | MYERS | • A · | 11/02/53-11/02/53 | 18 | U.S.C.G.S. |
| | STIRNI | <u>-</u> | 02/29/52-03/20/52 | 198 | U.S.C.G.S. |
| .: - | NELSON | . - | 11/05/51-11/25/52 | 1674 | U.S.C.G.S. |
| 1 | BOWEN | - . | 06/25/51-07/28/62 | <u>1738</u> | U.S.C.G.S. |
| | | | | 3628 | |

| DEPTH /P DATA BT STD NAM UB OTHER BKT SERDIT STATION MENDED DEPTH OLPTH (LETTERS) TEMPERATURE SALINITY DENSITY SOUND OXIVEN O. STAT. DATA O O 59.4 15.2 23.45 | TIDE |
|---|------|
| 0 0 59.4 15.2 29.73 BKT 16.4 5 59.5 15.26 23.95 Y 0 0 59.0 15.0 5 1.5 0 .0 10 3.2 .1 15.7 20 6.1 .2 15.1 25 7.6 .3 .2 | |
| 0 0 5-9.0 15.0 5 1.5 0 .0 10 3.0 .1 15.7 15 4.6 .2 15.1 20 6.1 .2 15.1 25 7.6 .3 .2 | HW |
| 0 0 5-9.0 15.0 5 1.5 0 .0 10 3.0 .1 15.7 15 4.6 .2 15.1 20 6.1 .2 15.1 25 7.6 .3 .2 | |
| 0 0 5-9.0 15.0 5 1.5 0 .0 10 3.0 .1 15.7 15 4.6 .2 15.1 20 6.1 .2 15.1 25 7.6 .3 .2 | |
| 0 0 59.0 15.0 5 1.5 0 .0 10 3.0 .1 15.7 15 4.6 .2 15.1 20 6.1 .2 15.1 25 7.6 .3 .2 | |
| 5 1.5 0 .0 10 3.2 .1 15.7 15 4.6 .2 15.1 20 6.1 .2 15.1 25 7.6 .3 .2 | |
| 10 3.2 .1 .15.7 15 4.6 .2 .15.1 20 6.1 .2 .15.1 25 7.6 .3 .2 | |
| 15 4.6 .2 15.1 20 6.1 .2 15.1 25 7.6 .3 .2 | |
| 20 6.1 .2 15.1 | |
| 25 7.6 .3 .2 | |
| | |
| 26-5 8.0 .3 15.2 | |
| | |
| | |
| | |
| | |
| | . 1 |

| | | | | | 1,\'C | F | 1 | 0 | i'' | 5 | PAGES |
|--------|--------------|-----|--------|-----|-------|--------|---|-------|-----|---|-------|
| CODING | DISTRUCTIONS | FOR | CHUISE | EC. | | 72038. | 5 | · | ·· | | |

File Header Record

| | CARD | M-2 | |
|------------------|-------------|-------------|---|
| ITEM | COL. NO. | TABLE NO. | INSTRUCTIONS |
| File | | | |
| Type | 1-3 | | Constant entry of "004" |
| Acces. | | | - U700005U |
| Number | 4-9 | | Enter "720385" on each File Header Record |
| Record | 10 | | Constant entry of "1" |
| Туре | | | obligation of the state of the |
| Vesse1 | 11-21 | | Enter "MYERS" (left justified) |
| Orig. | | | distribution (Tell) distribution |
| Cr. ID | 22-27 | | Leave blank |
| Dates | • | • | |
| of Oper. | 28-44 | | Enter as given from supplemental sheet |
| Senior | . 45 60 | | 11 |
| Scien. Insti- | 45-63 | | Leave blank |
| tution | 64-80 | | Enter "U.S.C.G.S." |
| - Cucion | 04 00 | | Enter 0.5.0.0.5. |
| | | , | |
| - | | | |
| | | | |
| | | | |
| | | · | |
| | · | | |
| <u> </u> | | | |
| | · | | |
| - | | | |
| | | | |
| | | | |
| | | | |
| 1 | | · | |
| | | | |
| | • | | |
| ļ | | | |
| 1 | • | | |
| · | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Ll | · | i | |

| • | PAGE | 2 | Oi' | 5 | PACES |
|---|------|---|-----|---|-------|
| | | | | | |

CODING INSTRUCTIONS FOR CHUISE NO. 720385

First - Station Header Record

| | G 3 13 | , | |
|---------------|---|---------------|---|
| TOUR | CARD | M-2 | TACCURATORS |
| File | COL. NO. | TABLE NO. | INSTRUCTIONS |
| Type | <u>1</u> -3 | | Constant entry of "004" |
| Acces. | | | |
| Number | 4-9 | | Enter "720385" on each Station Header Record |
| Record | | | |
| Туре | <u> 10 · </u> | | Constant entry of "2" |
| Record | .11 12 | | C |
| Seq. Orig. | 11-13 | | Constant entry of "ØØ1" |
| Sta. No. | 14-18 | | Enter as given (right justified) |
| Lati- | | | Using Table #2, convert tenths of minutes to |
| tude | 19-24 | Table #2 | seconds and enter converted Latitude |
| Hemi- | | | seconds and enter converted fatitude |
| sphere | 25 . | | Enter "N" throughout cruise |
| Longi- | · | | Using Table #2 convert tenths of minutes to |
| tude | 26-32 | Table #2 | seconds and enter converted Longitude (see |
| | | · | special instructions #4) |
| | , | | |
| Hemi- | | | |
| sphere | 33 | | Enter "W" throughout cruise |
| Time | | | Time is given in EST and should be converted |
| (GMT) | 34-36 | Tables #4 & 2 | |
| 1 | | · | are hours, and the last two digits are minutes. |
| | | | Use #2 to convert minutes to tenths of hours. (EX. 0635 should be coded as 115). When more |
| 1 | • | •. | than one time is given code the earliest hour |
| Station | | | Enter as given, except where conversion to GMT |
| Date | 37-44 | | changes the day. Convert month to numeric |
| | | | code (e.g., Feb=02, etc.) |
| } | | | |
| Water | | | Water Depth is recorded in feet under "Depth." |
| Depth | 45-49 | Table #6_ | Use Table #6 to convert feet to meters and |
| | | | enter converted depth. |
| | | <u> </u> | |
| | • . | | |
| I | 50-80 | | Leave blank |
| | | | |
| | | · | : |
| | | | |
| | · · · · · · · · · · · · · · · · · · · | <u> </u> | |

| PAGE | 3 | OiF | 5 | PAGES · |
|------|----|-----|---|---------|
| | J. | | , | LVOTO . |

CODING INSTRUCTIONS FOR CHUISE NO. 720385

Second - Station Header Record

see note (*) before coding this record.

| _ | CARD | M-2 | |
|---------------|----------|--|---|
| ITEM | COL. NO. | TABLE NO. | INSTRUCTIONS |
| File | | 1133113 110 | This modifies |
| Type | 1-3 | · · · | Constant entry of "004" |
| Acces. | 1-3 | | Constant entry or yy4 |
| Number | 4-9 | | Enter "720385" on each Station Header Record |
| Record | | | Nededi Nedeli |
| Туре | 10 | | Constant entry of "3" |
| Record | | | |
| Seq. | 11-13 | | Constant entry of "001" |
| Orig. | | | |
| Sta. No. | 14-18 | | Enter as given (right justified) |
| Bar. | 10.01 | - 1 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Recorded under "Bar." in inches of mercury |
| Press. | 19-21 | Table #18 | Use Table #18 to convert inches to millibars |
| · | · . | | and enter tens, units and tenths as converted |
| ļl | | | |
| AirTemp | | | Recorded under "Air: Dry." In some instances |
| Dry | 22-25 | Table #20 | temperature is given in degrees Celsius, and |
| | • | | in other instances it is given in degrees |
| | · | | Fahrenheit. When the temperature is suffixed |
| | | • | by the letter "C," enter that temperature as |
| <u> </u> | | · | given. When the "C" is not suffixed the |
| | | | temperature is in degrees Fahrenheit and |
| <u>l</u> : | · . | | should be converted to Celsius using Table |
| | | | #20 (prefix any necessary zeros to fill the |
|] | | | field; do not suffix zeros) |
| AirTemp | | • | Recorded under "Air: Wet." Use the same |
| Wet | 26-29 | Table #20 | procedure as given for Air Temp. Dry |
| Wind | | | Both Wind Direction and Speed are recorded |
| Dir. | 30-31 | Table #9 | under "Wind." The Wind Direction is recorded |
| | | | in points (NE; N; E; NNW; etc.) and should be |
| , , , | | - | converted to code using Table #9 |
| Wind | | | |
| Speed | 3233 | | Enter as given (prefix any necessary zeros) |
| <u> </u> | | | |
| | 34-35 | | Leave blank |
| Sea | | | |
| Height | 36 | | Recorded under "Sea," enter as given |
| | | 7 | |
| | 37-39 | | Leave blank: |
| | 40 | · · · · · · · · · · · · · · · · · · · | Recorded under "Weather" in a two digit code. |
| Weather | 40 | | Record only the significant digit, dropping |
| | | | the prefixed zeros (EX. given as 01; code 1) |
| <u> </u> | | | |

| | | | | | ŀγC | E | 4 | | _OF | 5 | P. | ACES |
|---------|--------------|-----|--------|-----|-----|------|----|---|-----|------------|----|------|
| CODII:G | DISTRUCTIONS | FOR | CHUISE | NO. | • | 7203 | 85 | - | | - . | | - |

Second - Station Header Record (cont'd)

| · [| CARD | M-5 | |
|----------------|-------------|---------------------------------------|---|
| ITEM | COL. NO. | TABLE NO. | IMSTRUCTIONS |
| | | | |
| | 41-43 | | Leave Blank |
| Trans- | , | | |
| parency | 44-47 | Table #6 | Recorded in feet under "Transp. BI". Use |
| | | | table #6 to convert feet to meters and enter |
| | | | converted depth. (prefix zeros). |
| | 48-80 | | Leave Blank |
| | 40 00 | | Leave Blank |
| (*) | 1-80 | | If there are no entries in the upper righthan |
| | | | portion of the form to be coded, the Second - |
| | · | | Station Header Record may be omitted. |
| | | | |
| | | | |
| : | | | |
| | | | |
| | | | |
| | | • | |
| | | | |
| | | | |
| | | · | |
| • | | | |
| | · | | |
|) | | | |
| | | | <u> </u> |
| | 1 | | |
| | | | |
| | | | |
| | | | |
| . [| | | |
| | | | |
| | | · · · · · · · · · · · · · · · · · · · | <u> </u> |
| . | - | | |
| | | · · · · · · · · · · · · · · · · · · · | |
| ł | | | |
| -∤ | | <u> </u> | <u> </u> |
| | | | |
| | | | |
| | | | |

| • | | | | • |
|------|-----|-------------|---|---------------|
| TAGE | 5 · | Ο'n | 5 | PAGES |
| | | | | · |

CODING INSTRUCTIONS FOR CHUISE NO. 720385

Data Records

| | CARD | M-2 | |
|------------------|-------------|-----------|---|
| ITEM | COL. NO. | TABLE NO. | INSTRUCTIONS |
| File | | | |
| Туре | 1-3. | | Constant entry of "004" |
| Acces. | | | |
| Number | 4-9 | | Enter "720385" on each Data Record |
| Record | | | |
| Туре | 10 | | Constant entry of "4" |
| Record | | | Enter "001" on first Data Record and number |
| Seq. | 11-13 | | subsequent Data Records consecutively. Prefix |
| | | | zeros where necessary (e.g. 001;002;003;etc.) |
| Orig. Sta. no | 14-18 | | Enter of given and in |
| Sta. IIO | 14-10 | | Enter as given; prefix necessary zeros. |
|) | | | |
| | SPECIAL 1 | OTE | In the third column from the right on the form |
| : | , | | to be coded is a heading "Data". Under that |
| | | | heading, three types of data are recorded |
| . | • . | | BKT, NAN, and BT. Do not code those depths or |
| | | | information with "BT" in the data column. |
| | · | | Code only the data desiginated as either "BKT" or "NAN". |
| Depth | 19-22 | | Depths are given in both feet and meters. |
| | | | Enter as given, those depths recorded under "Depth (meters)". |
| | | | Temperatures are given in both Fahrenheit and |
| Temp. | 23-27 | | Celcius. Enter as given, those temperatures |
| [- | | | recorded under "temperature ("cent)". Prefix |
| <u> </u> | | | any necessary zeros. DO NOT suffix zeros. |
| | 20.122 | } | |
| Salinity | 28-32 | | Enter as given |
| 1 1 | 22 46 | · | , , , , , , , , , , , , , , , , , , , |
| <u> </u> | 33-46 | | Leave blank |
| Ovveon | 47-50 | | Recorded under "Oxygen". Enter as given; |
| 0xygen | | | Prefix any necessary zeros. |
| <u> </u> | 51-80 | | Leave blank |
| | | | Jedyo Dzdiik |
| | | ļ | |
| | | | |
| | | · | |
| <u></u> | | L | <u> </u> |

| Password: | | | | | | | | |
|-----------|------|--------|------|------|------|------------|--------------|---------|
| accNo | fleA | refNo | proj | inst | ship | startDate | cruise | catId |
| | | | | | | | | |
| 7200385 | C100 | BL0827 | 9999 | 31G8 | 3190 | 1951/11/05 | A II A | 17681 |
| 7200385 | C100 | BL0820 | 9999 | 3130 | 31PH | 1957/04/01 | II | 17674 |
| 7200385 | C100 | BL0821 | 9999 | 31G8 | 32NE | 1951/11/05 | A | 17675 |
| 7200385 | C100 | BL0822 | | | | 1952/07/30 | | 17676 |
| 7200385 | C100 | BL0823 | 9999 | 3130 | 31PH | 1957/01/01 | ·I | 17677 |
| 7200385 | C100 | BL0824 | 9999 | 31G8 | 32NE | 1952/10/26 | С | 17678 |
| 7200385 | C100 | BL0825 | 9999 | 31G8 | 319C | 1952/05/07 | NULL | . 17679 |
| 7200385 | C100 | BL0826 | 9999 | 31G8 | 32M2 | 1953/11/02 | NULL | 17680 |
| 7200385 | C100 | BL0828 | 9999 | 31G8 | 31SN | 1952/02/29 | NULL | 17682 |
| 7200385 | C100 | BL0829 | 9999 | 31G8 | 319C | 1951/01/10 | NULL | 17683 |
| 7200385 | F004 | TR1458 | 9999 | 31G8 | 319C | 1951/01/10 | NULL | 17684 |
| 7200385 | F004 | TR1459 | 9999 | 31G8 | 319C | 1952/05/07 | NULL | 17685 |
| 7200385 | F004 | TR1460 | 9999 | 31G8 | 31SN | 1952/02/29 | NULL | 17686 |
| 7200385 | F004 | TR1461 | 9999 | 31G8 | 32NE | 1951/11/05 | A | 17687 |
| 7200385 | F004 | TR1462 | 9999 | 31G8 | 32NE | 1952/07/30 | В | 17688 |
| 7200385 | F004 | TR1463 | 9999 | 31G8 | 32NE | 1952/10/26 | C | 17689 |
| 7200385 | F004 | TR1464 | 9999 | 31G8 | 32M2 | 1953/11/02 | NULL | 17690 |
| 7200385 | L130 | L01155 | | | | 1957/01/22 | | 17691 |
| | | • | | | | • | • | |

(18 rows affected)

| Password: | | | | | | | | | | | | |
|-----------|------|--------|------|--------|--------|-----|-----------|------|-----|---------|------|--|
| accNo | fleA | refNo | ship | staCnt | recCnt | | startDate | | | endDate | | |
| | | | | | | | | | | | | |
| 7200385 | | BL0827 | 3190 | 143 | | Nov | | 1951 | | | | |
| 7200385 | C100 | BL0820 | 31PH | 19 | . 0 | Apr | 1 | 1957 | Apr | 1 | 1957 | |
| 7200385 | C100 | BL0821 | 32NE | 143 | 0 | Nov | 5 | 1951 | Jun | 14 | 1952 | |
| 7200385 | C100 | BL0822 | 32NE | 118 | 0 | Jul | 30 | 1952 | Oct | 25 | 1952 | |
| 7200385 | C100 | BL0823 | 31PH | 17 | 0 | Jan | 1 | 1957 | Feb | 1 | 1957 | |
| 7200385 | C100 | BL0824 | 32NE | 3 | 0 | Oct | 26 | 1952 | Nov | 25 | 1952 | |
| 7200385 | C100 | BL0825 | 319C | 335 | 0 | May | 7 | 1952 | May | 28 | 1952 | |
| 7200385 | C100 | BL0826 | 32M2 | 10 | 0 | Nov | 2 | 1953 | Nov | 2 | 1953 | |
| 7200385 | C100 | BL0828 | 31SN | 189 | 0 | Feb | 29 | 1952 | Mar | 20 | 1952 | |
| 7200385 | C100 | BL0829 | 319C | 148 | 0 | Jan | 10 | 1951 | Nov | 14 | 1951 | |
| 7200385 | F004 | TR1458 | 319C | 1364 | 11366 | Jan | 10 | 1951 | Nov | 14 | 1951 | |
| 7200385 | F004 | TR1459 | 319C | 378 | 3511 | May | 7 | 1952 | May | 28 | 1952 | |
| 7200385 | F004 | TR1460 | 31SN | 199 | 1878 | Feb | 29 | 1952 | Mar | 20 | 1952 | |
| 7200385 | F004 | TR1461 | 32NE | 1127 | 5499 | Nov | 5 | 1951 | Jun | 14 | 1952 | |
| 7200385 | F004 | TR1462 | 32NE | 253 | 1537 | Jul | 30 | 1952 | Oct | 25 | 1952 | |
| 7200385 | F004 | TR1463 | 32NE | 296 | 2146 | Oct | 26 | 1952 | Nov | 25 | 1952 | |
| 7200385 | F004 | TR1464 | 32M2 | 18 | . 83 | Nov | 2 | 1953 | Nov | 2 | 1953 | |
| 7200385 | L130 | L01155 | 31PH | 36 | 324 | Jan | 22 | 1957 | Apr | 18 | 1957 | |
| | | | | | | | | | | | | |

(18 rows affected)