

DATA DOCUMENTATION FORM

OAA 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

Woods Hole Oceanographic Institution
Woods Hole MA 02543

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

POLYMODE
ARRAY 1

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

Cruise numbers not used for data
identification

4. PLATFORM NAME(S)

Data identified by
mooring number5. PLATFORM TYPE(S)
(E.G., SHIP, BUOY, ETC.)

Mooring

6. PLATFORM AND OPERATOR
NATIONALITY(IES)

PLATFORM

OPERATOR

U.S.

U.S.

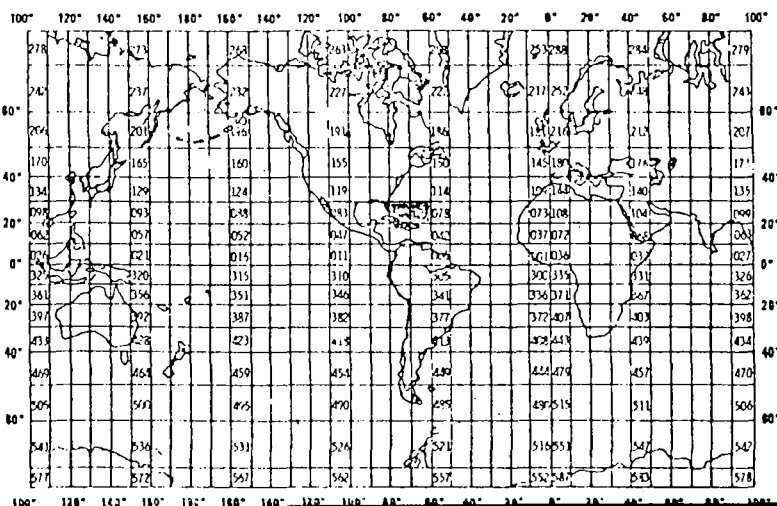
7. DATES

FROM: MO/DAY/YR TO: MO/DAY/YR

8. ARE DATA PROPRIETARY?

☒ NO ☐ YESIF YES, WHEN CAN THEY BE RELEASED
FOR GENERAL USE? YEAR MONTH9. ARE DATA DECLARED NATIONAL
PROGRAM (DNP)?(I.E., SHOULD THEY BE INCLUDED IN WORLD
DATA CENTERS HOLDINGS FOR INTERNA-
TIONAL EXCHANGE?)☒ 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-1)Richard E. Payne
(617) 548-1400 ext. 53111. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA
CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



B. SCIENTIFIC CONTENT

| NAME 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 |
|---|-------------------------|--|--|---|
| NOTE IDENTIFICATION LABEL FOR EACH CURRENT METER RECORD | | | | |
| East component | mm/sec | Instrument | Instrument modified to | |
| North component | mm/sec | Manufacturer | improve reliability | |
| | | Code | | Vector averaged |
| Direction | 128 level binary | 02 = EG&G Model 850 | Change manufacturers' | |
| Speed | mm/sec | 10 = AMF Vector Averaging (VACM) | accuracy specifications on sensors | |
| Time | milliseconds | | | |
| Temperature | Deg. C | | | |

C. DATA FORMAT

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

LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

Current Meter Data Only

GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

GATE Format

Block size 1820

LRCEL = 80

ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL
☐ FORTRAN ☐ _____ LANGUAGE

RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER John Maltais (617) 548-1400 ext. 535

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

| | |
|---|--|
| <p>6. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input checked="" type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p> | <p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input checked="" type="checkbox"/> 0.5-0.6 inch</p> |
| <p>7. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p> | <p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input checked="" type="checkbox"/> IBM standard</p> |
| <p>8. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p> | <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>CD20, CD21 NOBC # 9499: CD2</p> <p>9520: CD2</p> <p>Blue Green</p> <p>Woods Hole Ocean Inst.</p> <p>CURRENT METER DATA</p> <p>POLYMODE AREA: 1</p> <p>LRCEL = 80</p> <p>Block size = 1820</p> |
| <p>12. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> | <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>Variable, never more than 2,048</p> <p>13. LENGTH OF BYTES IN BITS 8 bits/byte</p> |

File 7.7.7.3

RECORD FORMAT DESCRIPTION

RECORD NAME

| 14. FIELD NAME | 15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small> | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|---|--|------------|-------|----------------|---------------------|
| | | NUMBER | UNITS | | |
| <p>Not constant. Can be slightly different for different current meter records. Check individual record labels.</p> | | | | | |

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

| INSTRUMENT TYPE (MFR., MODEL NO.) | DATE OF LAST CALIBRATION | INSTRUMENT WAS CALIBRATED BY | | CHECK ONE: INSTRUMENT IS CALIBRATED | | | | | INSTRUMENT IS NOT CALI- BRATED (✓) |
|--------------------------------------|-----------------------------|------------------------------|--------------------------------------|--|----------------------------------|-----------------------------------|--------------------------------|----------------------------|---|
| | | YOUR ORGANIZATION (✓) | OTHER ORGANIZATION (GIVE NAME) | AT FIXED INTERVALS (✓) | BEFORE OR AFTER USE (✓) | BEFORE AND AFTER USE (✓) | ONLY AFTER REPAIR (✓) | ONLY WHEN NEW (✓) | |
| current meter rotors | Not individually calibrated | | | | | | | | |
| | | X | | | X | | | | |
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77-0028
Tape # (1) 948
(2) 952
WOODS HOLE OCEANOGRAPHIC INSTITUTION
WOODS HOLE, MASSACHUSETTS 02543

Phone (617) 548-1400
TWX 710-346-6601

January 23, 1978

Mr. Irving Perlroth
Code D75
N.O.D.C.
Washington DC 20235

Dear Mr. Perlroth:

Enclosed are two more installments in our continuing saga:

1. Two 9 track, 800 B.P.I. magnetic tapes containing current meter data in GATE format recorded by W.H.O.I. current meters on W.H.O.I. mooring. Tape names: CD 20, CD21
2. Log of record numbers on the tapes.
3. Label and format information for each current meter record.
4. N.O.D.C. Data Documentation Form.

These data comprise all of our current meters from POLYMODE Array 1. We have made two additional copies of the enclosed data and documentation which will be transmitted to the appropriate U.S.S.R. scientists through Bob Heinmiller at the POLYMODE office at M.I.T.

Yours truly,

Richard E. Payne

Richard E. Payne

REP:aw
Encl.

IMPORTANT

THIS MATERIAL IS THE PROPERTY OF THE U.S. GOVERNMENT
AND IS LOANED TO YOU BY THE NATIONAL AERONAUTICS
AND SPACE ADMINISTRATION. IT IS TO BE USED FOR
OFFICIAL BUSINESS ONLY AND IS NOT TO BE
REPRODUCED OR TRANSMITTED IN ANY FORM OR BY
ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING
PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION
STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION
IN WRITING FROM THE NATIONAL AERONAUTICS AND
SPACE ADMINISTRATION.

February 15, 1978

NATIONAL OCEANOGRAPHIC DATA CENTER

RP
Mr. Richard E. Payne
Woods Hole Oceanographic Institution
Woods Hole, MA 02543

D752/CES

Dear *RP* Mr. Payne:

Thank you for the two 9-track magnetic tapes and associated documents forwarded by your letter of January 23.

These tapes have been assigned NODC Reference Identification Number 78-0028 and tape numbers 9499 (CD20) and 9520 (CD21).

Sincerely,

Irving Perlroth
Director, Data Preparation Division

cc:
George F. Helmerdinger (NODC-Woods hole, MA)

D752:CESlade:krd 2-15-78

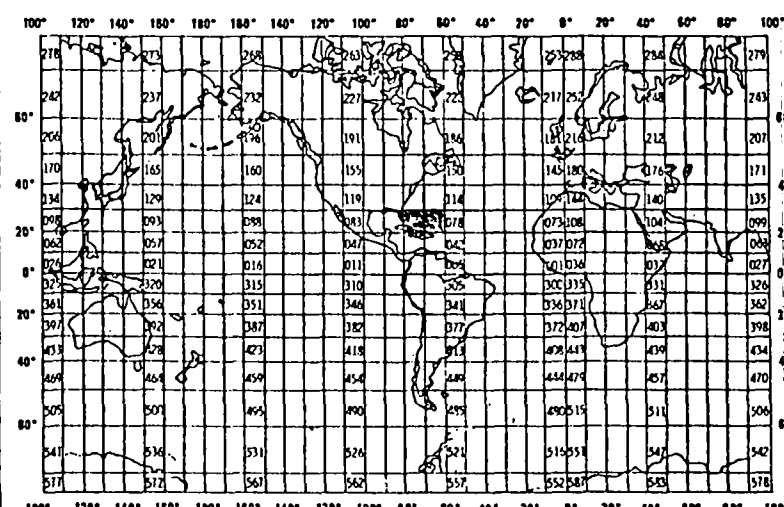
DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)U.S. DEPARTMENT OF COMMERCE
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RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R2651

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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 | | | |
| Woods Hole Oceanographic Institution Woods Hole MA 02543 | | | |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| POLYMODE ARRAY 1 | | Cruise numbers not used for data identification | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Data identified by mooring number | Mooring | PLATFORM OPERATOR | FROM: MO/DAY/YR TO: MO/DAY/YR |
| | | U.S. U.S. | |
| 8. ARE DATA PROPRIETARY? | | 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. | |
| <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | GENERAL AREA | |
| 9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (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) | | | |
| Richard E. Payne (617) 548-1400 ext. 531 | | | |

B. SCIENTIFIC CONTENT

| NAME 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 |
|---|-------------------------|--|--|---|
| NOTE IDENTIFICATION LABEL FOR EACH CURRENT METER RECORD | | | | |
| East component | mm/sec | Instrument | Instrument modified to improve reliability | |
| North component | mm/sec | Manufacturer Code | | Vector averaged |
| Direction | 128 level binary | 02 = EG&G Model 850 | Change manufacturers' accuracy specifications on sensors | |
| Speed | mm/sec | 10 = AMF Vector Averaging (VACM) | | |
| Time | milliseconds | | | |
| Temperature | Deg. C | | | |

C. DATA FORMAT

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

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

Current Meter Data Only

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

GATE Format

3. ATTRIBUTES AS EXPRESSED IN
- | | | |
|----------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> PL-1 | <input type="checkbox"/> ALGOL | <input type="checkbox"/> COBOL |
| <input type="checkbox"/> FORTRAN | <input type="checkbox"/> _____ | LANGUAGE |

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER John Maltais (617) 548-1400 ext. 535

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

| | | | | | | | | | |
|--|--|--|---|--|---|---|--|-----------------------------------|--|
| <p>5. RECORDING MODE</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input checked="" type="checkbox"/> BINARY</td> </tr> <tr> <td><input type="checkbox"/> ASCII</td> <td><input type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table> | <input type="checkbox"/> BCD | <input checked="" type="checkbox"/> BINARY | <input type="checkbox"/> ASCII | <input type="checkbox"/> EBCDIC | <input type="checkbox"/> _____ | | <p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> 3/4 INCH</td> </tr> <tr> <td><input checked="" type="checkbox"/> <u>0.5-0.6 inch</u></td> </tr> </table> | <input type="checkbox"/> 3/4 INCH | <input checked="" type="checkbox"/> <u>0.5-0.6 inch</u> |
| <input type="checkbox"/> BCD | <input checked="" type="checkbox"/> BINARY | | | | | | | | |
| <input type="checkbox"/> ASCII | <input type="checkbox"/> EBCDIC | | | | | | | | |
| <input type="checkbox"/> _____ | | | | | | | | | |
| <input type="checkbox"/> 3/4 INCH | | | | | | | | | |
| <input checked="" type="checkbox"/> <u>0.5-0.6 inch</u> | | | | | | | | | |
| <p>6. NUMBER OF TRACKS (CHANNELS)</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table> | <input type="checkbox"/> SEVEN | <input checked="" type="checkbox"/> NINE | <input type="checkbox"/> _____ | <p>10. END OF FILE MARK</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> OCTAL 17</td> </tr> <tr> <td><input checked="" type="checkbox"/> <u>IBM standard</u></td> </tr> </table> | <input type="checkbox"/> OCTAL 17 | <input checked="" type="checkbox"/> <u>IBM standard</u> | | | |
| <input type="checkbox"/> SEVEN | | | | | | | | | |
| <input checked="" type="checkbox"/> NINE | | | | | | | | | |
| <input type="checkbox"/> _____ | | | | | | | | | |
| <input type="checkbox"/> OCTAL 17 | | | | | | | | | |
| <input checked="" type="checkbox"/> <u>IBM standard</u> | | | | | | | | | |
| <p>7. PARITY</p> <table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table> | <input checked="" type="checkbox"/> ODD | <input type="checkbox"/> EVEN | <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><u>CO20, CO21 NODC # 9499: CD2</u> <u>9520: CD1</u> <u>BUOY GROUP</u> <u>WOOD HOLE OCEAN. INST.</u> <u>CURRENT METER DATA</u> <u>POLYMODE ARRAY 1</u></p> | | | | | | |
| <input checked="" type="checkbox"/> ODD | | | | | | | | | |
| <input type="checkbox"/> EVEN | | | | | | | | | |
| <p>8. DENSITY</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table> | <input type="checkbox"/> 200 BPI | <input type="checkbox"/> 1600 BPI | <input type="checkbox"/> 556 BPI | | <input checked="" type="checkbox"/> 800 BPI | | <input type="checkbox"/> _____ | | <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p><u>Variable, never more than 2,048</u></p> <p>13. LENGTH OF BYTES IN BITS</p> <p><u>8 bits/byte</u></p> |
| <input type="checkbox"/> 200 BPI | <input type="checkbox"/> 1600 BPI | | | | | | | | |
| <input type="checkbox"/> 556 BPI | | | | | | | | | |
| <input checked="" type="checkbox"/> 800 BPI | | | | | | | | | |
| <input type="checkbox"/> _____ | | | | | | | | | |

RECORD FORMAT DESCRIPTION

RECORD NAME _____

| 14. FIELD NAME | 15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|---|---|------------|-------|----------------|---------------------|
| | | NUMBER | UNITS | | |
| Not constant. Can be slightly different for different current meter records. Check individual record labels. | | | | | |

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

| INSTRUMENT TYPE (MFR., MODEL NO.) | DATE OF LAST CALIBRATION | INSTRUMENT WAS CALIBRATED BY | | CHECK ONE: INSTRUMENT IS CALIBRATED | | | | | INSTRUMENT IS NOT CALI- BRATED (✓) |
|--------------------------------------|-----------------------------|------------------------------|--------------------------------------|--|----------------------------------|-----------------------------------|--------------------------------|----------------------------|---|
| | | YOUR ORGANIZATION (✓) | OTHER ORGANIZATION (GIVE NAME) | AT FIXED INTERVALS (✓) | BEFORE OR AFTER USE (✓) | BEFORE AND AFTER USE (✓) | ONLY AFTER REPAIR (✓) | ONLY WHEN NEW (✓) | |
| current meter rotors | Not individually calibrated | | | | | | | | |
| | | X | | | X | | | | |
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