

## Appendix C

### REPORTING FORMATS

1. The mine operations report messages in this appendix are US message Text Formats. The unexploded ordnance (UXO) spot report is from FM 21-16/FMFM 13-8-1.

#### 2. Mine Countermeasures Report (MCMREP).

MCMREP MESSAGE TEXT FORMAT

SEG OCC RPT SETID

C EXER/.....//  
1 EXERCISE NICKNAME 2 EXERCISE MESSAGE ADDITIONAL IDENTIFIER  
M [1-56 ANBS] O [1-16 ANBS]

Set 1 Purpose: THE EXER SET PROVIDES THE DESIGNATED CODE NAME OR NICKNAME, IF THE MESSAGE SUPPORTS AN EXERCISE.

O  
OPER/.....//  
1 OPERATION CODEWORD 2 PLAN ORIGINATOR AND NUMBER 3 OPTION NICKNAME  
4 SECONDARY OPTION NICKNAME  
M [1-32 ANBS] O [1-23 ANS] O [1-23 ANBS]  
O [1-23 ANBS]

Set 2 Purpose: THE OPER SET PROVIDES THE DESIGNATED CODE NAME OR NICKNAME, IF THE MESSAGE SUPPORTS AN OPERATION.

M  
MSGID/.....//  
.....//  
1 MESSAGE TEXT FORMAT IDENTIFIER 2 ORIGINATOR 3 MESSAGE SERIAL NUMBER  
4 MONTH NAME 5 QUALIFIER 6 SERIAL NUMBER OF QUALIFIER  
M [1-20 ANBS] M [1-30 ANBS] O [1-7 ANBS]  
O [3 A] O [3 A] O [1-3 N]

Set 3 Purpose: THE MSGID SET PROVIDES THE MESSAGE IDENTIFICATION AND ORIGINATOR.

O R  
REF/.....//  
.....//  
1 SERIAL LETTER 2 TYPE OF REFERENCE 3 ORIGINATOR 4 DATE AND/OR  
TIME OF REFERENCE 5 SERIAL NUMBER OF REFERENCE 6 SPECIAL NOTATION  
7 SIC CODE OR FILING NUMBER  
M [1 A] M [1/20 ANBS] M [1-30 ANBS] M [6/13 AN]  
O [1-10 ANBS] O [5 A] O [1/10 ANBS]

Set 4 Purpose: THE REF SET PROVIDES BOTH USMTF AND NON-USMTF REFERENCES.

C AMPN/\_\_\_\_\_//  
1 FREE TEXT  
M [1-U ANBS]

Set 5 Purpose: THE AMPN SET PROVIDES ADDITIONAL INFORMATION ON THE PRECEDING REF SET. ADDITIONALLY, THE AMPN SET PROVIDES IDENTIFYING INFORMATION FOR A NON-USMTF REFERENCE.

C NARR/ \_\_\_\_\_ //  
1 FREE TEXT  
M [1-U ANBS]

Set 6 Purpose: THE NARR SET PROVIDES ADDITIONAL INFORMATION ON THE PRECEDING TWO OR MORE REF SETS. ADDITIONALLY, THE NARR SET PROVIDES IDENTIFYING INFORMATION FOR NON-USMTF REFERENCES.

O R  
MXPN/\_\_\_\_\_/\_\_\_\_\_/.....//  
.....//  
.....//  
1 SHIP OR SUBMARINE TYPE 2 SHIP OR TASK DESIGNATOR 3 SHIP LOCATION  
4 VERIFIED COURSE/SPEED IN KNOTS 5 VERIFIED DAY-TIME 6 VERIFIED BEARING  
AND DISTANCE 7 EXERCISE MINE FLARE COLOR  
M [2/4 A] M [1/30 ANBS] O [6/36 ANBS]  
O [11-16 ANS] O [8 AN] O [9-16 ANS]  
O [3-6A]

Set 7 Purpose: THE MXPN SET REPORTS MINE EXPLOSION INFORMATION.

O  
MDET DAT/.....//  
.....//  
.....//  
1 DETECTING VESSEL TYPE 2 SHIP NAME 3 MINE COORDINATES  
4 VERIFIED COURSE/SPEED IN KNOTS 5 VERIFIED DAY-TIME 6 NUMBER OF MINES  
DETECTED 7 MINE INDEX TYPE  
O [2/4 A] O [1-30 ANBS] O [6/36 ANBS]  
O [11-16 ANS] O [8 AN] O [1-3 N]  
O [2-9 AN]

Set 8 Purpose: THE MDET DAT SET REPORTS INFORMATION ON DETECTED MINES.

O R MOPS/\_\_\_\_\_/.....//  
1 MCM OPERATION TYPE 2 VERIFIED MONTH DATE-TIME  
M [3-8 A] O [11 AN]

Set 9 Purpose: THE MOPS SET REPORTS INFORMATION ON THE TYPE OF MCM OPERATION IN PROGRESS.



M [7-14 ANS] O [1 A] O [2 N]  
 O [5-6 AN] O [2 N] O [11 AN] O [5-6 AN] O  
 [5-6 AN] O [4 NS] O [3-6 AN] O  
 O [5-6 AN] O [6-8 ANS]

Set 14 Purpose: THE PGRSS SET PROVIDES INFORMATION ON THE PROGRESS OF THE MCM TASK.

O R  
 NOOP/\_\_\_\_\_/...../  
 ...../  
 .....//  
 1 SHIP NAME 2 VERIFIED DAY-TIME OF DEFECT 3 VERIFIED DAY-TIME  
 ESTIMATED OPERATIONAL 4 VERIFIED MONTH DATE-TIME OF RELATED NAVOPDEF  
 M [1-30 ANBS] O [8 AN] O [8 AN]  
 O [11 AN]

Set 15 Purpose: THE NOOP SET PROVIDES INFORMATION ON NONOPERATIONAL SHIPS.

O R  
 UWCOND/\_\_\_\_\_/...../  
 ...../  
 ...../  
 ...../  
 .....//  
 1 UNDERWATER LOCATION 2 VERIFIED DAY-TIME 3 OCEANOGRAPHIC BOTTOM TYPE  
 4 REVERBERATION LEVEL 5 VERIFIED UNDERWATER VISIBILITY IN YARDS OR METERS 6  
 VERIFIED TIDAL STREAM COURSE/ SPEED IN KNOTS 7 VERIFIED UNDERWATER DEPTH IN METERS  
 OR FEET 8 VERIFIED UNDERWATER SOUND VELOCITY 9 VERIFIED THERMAL LAYER DEPTH IN  
 METERS OR FEET  
 M [6/36 ANBS] O [8 AN] O [1 A]  
 O [2-3 A] O [3-5 AN]  
 O [11-16 ANS] O [3-7 AN]  
 O [5-8 AN] O [3-7 AN]

Set 16 Purpose: THE UWCOND SET PROVIDES INFORMATION ON UNDERWATER CONDITIONS.

O CONMARK/\_\_\_\_\_/...../  
 .....//  
 1 CONTACT MARKER DESIGNATOR 2 LOCATION 3 VERIFIED BEARING AND  
 DISTANCE 4 VERIFIED DAY-TIME OF POSITION  
 M [4/7 ANS] O [6/36 ANBS] O [9-16 ANS]  
 O [8 AN]

Set 17 Purpose: THE CONMARK SET PROVIDES INFORMATION ON A CONTACT MARKER.

O MZONE/\_\_\_\_\_/...../  
 ...../  
 .....R...../.....R...../  
 /





1 HOURS SCHEDULED OFF-TASK 2 WEATHER DOWN TIME 3 MAINTENANCE DOWN TIME 4  
TOTAL TIME TO STREAM GEAR IN MINUTES 5 TOTAL TIME TO RECOVER GEAR IN MINUTES 6  
TOTAL NUMBER OF TURNS 7 TOTAL TURN TIME (1-999 MIN) 8 TURN SYSTEM 9 TOTAL TRANSIT  
TIME TO AND FROM OPAREA IN MINUTES 10 EFFECTIVE TIME ON TASK IN THE LAP IN HOURS  
O [1-3 N] O [1-3 N] O [1-3 N] O  
[1-3 N] O [1-3 N] O [1-3 N] O  
[1-3 N] O [1-3 N] O [3-20 ANBS] O [1-3 N]  
O [3-5 m]

Set 28 Purpose: THE CHRON SET PROVIDES A CHRONOLOGY FOR THE MCM TASKS.

O NAV/...../.....//  
1 VERIFIED MONTH DATE-TIME 2 NAVIGATION SYSTEM CODE 3 POSITION  
O [11 AN] O [1-2 N] O [6/36 ANBS]

Set 29 Purpose: THE NAV SET PROVIDES NAVIGATION INFORMATION.

C AMPN/.....//  
1 FREE TEXT  
M [1-U ANBS]

Set 30 Purpose: THE AMPN SET PROVIDES INFORMATION ON THE NAVIGATION SYSTEM USED TO DETERMINE THE POSITION.

O AKNLDG/.....R.....//  
1 ACKNOWLEDGEMENT REQUIREMENT INDICATOR 2 INSTRUCTIONS OR UNIT  
M [2-3 A] O [1/50 ANBS]

Set 31 Purpose: THE AKNLDG SET PROVIDES OPERATOR ACKNOWLEDGEMENT AND NOT COMMUNICATIONS CENTER ACKNOWLEDGEMENT.

MCMREP MESSAGE EXAMPLE:

EXEIUSUN BIRD 93//  
MSGID/MCMREP/CTF 425//  
MXPN/MHC/BRECON/280T0-EE-12.5NM8/061T7-12KTS3/161731Z9/315T9-120M3/GREEN//  
MDET DAT/MSC/ALSSUND/573022.4N3-0010413.3W2/120T3-4KTS4/261520Z6/3/1ABCDEFGHI//  
MOPS/ASS/061200Z9SEP//  
MTASK/125B2/BRONNINGTON/82/ON/121345Z6/OFF/121800Z21/  
MINE/ABCDEFGHIWJE25/O569-87/27OT9-DD-12.5NM8/3/20134OZO/SUNK201521Z1//  
MSUM/.TEO1/132212ZIJUN//  
MTYPE/42/ABCDEFGHI//  
PGRSS/42A2-B8/F71/50/1214WZ8JUN/35OM8/25OM7/O.90/3OOM3/4OM4/O5OM5-S25-O2/MS25-O3/PS50-O3//

NOOP/GIETZOORN/150631Z6/151600Z3/150700Z30CT//  
UWCOND/501000N6-0030300W6/190700Z7/B/LOW/3M3/O2OT2-1.2KTS3/20M2/1475MPS7/50M5//  
CONMARK/MRN:00142/524900NO-0011500E7/035T8-23M5/241214Z4//  
MZONEKIARBOIU071200ZO/CLOSED//  
AMPN/SHIPS ANCHOR IN FLUSHING ROADS//  
MBUOY/DATUM./512002N0-0010010E2/PS102A/150T6-45YD9/NOFLAG//  
MAP/DMA13142/14/13/MAY84/WGS1984//  
LOGSIT/90/85/99/99/99/53/221100Z6SEP//  
ASORT/1/45/03.0/0.5/02.O/15/30/1/5/NO/20//

ASUM/10/6/48/24/4//  
DIVDAT/JEOL/A/10/35/1.0/1.5//

ENVIRN/5120.200N0-00100.IOOE2/121300Z7JAN/20/IM/A//  
CHRON/2/1/49/52/6/60/MK104/45/2.5//  
NAV/221100Z6SEP/3/5120.200N0-00100.100E2//  
AKNLDG/YES//

3. MCM Tasking (OPTASK MCM).

OPTASK MCM MESSAGE TEXT FORMAT

SEG OCC RPT SETID

C    EXER/ \_\_\_\_\_ / .....//  
      1 EXERCISE NICKNAME    2 EXERCISE MESSAGE ADDITIONAL IDENTIFIER  
      M [1-56 ANBS]            O [1-16 ANBS]

Set 1 Purpose: THE EXER SET PROVIDES THE DESIGNATED CODE NAME OR NICKNAME, IF THE MESSAGE SUPPORTS AN EXERCISE.

Note: THE EXER SET IS PROHIBITED IF THE OPER SET IS USED.

O  
OPER/ \_\_\_\_\_ / .....//  
.....//  
      1 OPERATION CODEWORD 2 PLAN ORIGINATOR AND NUMBER 3 OPTION NICKNAME 4  
SECONDARY OPTION NICKNAME  
      M [1-32 ANBS]            O [1-23 ANS]                            O [1-23 ANBS]            O  
[1-23 ANBS]

Set 2 Purpose: THE OPER SET PROVIDES THE DESIGNATED CODE NAME OR NICKNAME, IF THE MESSAGE SUPPORTS AN OPERATION.

Note: THE OPER SET IS PROHIBITED IF THE EXER SET IS USED,

M                            MSGID/ \_\_\_\_\_ / \_\_\_\_\_ /  
.....//  
.....//  
      1 MESSAGE TEXT FORMAT IDENTIFIER 2 ORIGINATOR    3 MESSAGE SERIAL NUMBER 4  
MONTH NAME    5 QUALIFIER    6 SERIAL NUMBER OF QUALIFIER  
      M [1-20 ANBS]            M [1-30 ANBS]    O [1-7 ANBS]            O  
[3A]            O [3A]            O [1-3 N]

Set 3 Purpose: THE MSGID SET PROVIDES THE MESSAGE IDENTIFICATION AND ORIGINATOR.

Note: FIELD 1 OF THE MSGID SET MUST EQUAL "OPTASK MCM".

O            R            REF/ \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ /  
.....//  
.....R.....//  
      1 SERIAL LETTER    2 TYPE OF REFERENCE    3 ORIGINATOR    4 DATE AND/OR TIME OF  
REFERENCE    5 SERIAL NUMBER OF REFERENCE 6 SPECIAL NOTATION    7 SIC CODE OR FILING  
NUMBER



O [5-6 AN]  
O [5-6 AN]

O [5-6 AN]

Set 9 Purpose: THE MPARA SET PROVIDES INFORMATION ON THE MCM TASK PARAMETERS.

O R

MDA/...../.....R...../.....R.....//  
1 MINE DANGER AREA NAME 2 MINE DANGER AREA LOCATION 3 MINE INDEX TYPE  
O [6-20 ANBS] O [6/36 ANBS] O [2-9 AN]

Set 10 Purpose: THE MDA SET DESCRIBES THE MINE DANGER AREA.

O R MTYPE/...../.....//

1 NUMBER OF MINES BY TYPE 2 MINE INDEX TYPE  
M [1-3 N] O [2-9 AN]

Set 11 Purpose: THE MTYPE SET PROVIDES INFORMATION ON THE NUMBER AND TYPE OF MINES.

O R MREPT/...../.....//

1 REPORT MODIFICATION ACTION 2 MINE WARFARE REPORT OR SIGNAL CODE 3 VERIFIED TIME  
M [3-6 A] M [3/13 ABS]  
O [8/11 AN]

Set 12 Purpose: THE MREPT SET PROVIDES INFORMATION ON CHANGES FOR MINE WARFARE REPORTING REQUIREMENTS.

O R CHANDAT/...../.....//  
...../.....//  
...../.....//  
...../.....//

1 CHANNEL IDENTIFIER 2 START POSITION 3 END POSITION 4 VERIFIED CHANNEL DIRECTION 5 VERIFIED CHANNEL LENGTH IN NAUTICAL MILES 6 VERIFIED CHANNEL WIDTH IN METERS OR YARDS 7 VERIFIED TIDAL STREAM COURSE/ SPEED IN KNOTS 8 VERIFIED START DAY-TIME 9 VERIFIED END DAY-TIME 10 VERIFIED DANBUOY LINE OFFSET IN METERS OR YARDS 11 VERIFIED DANLINE DIRECTION 12 NUMBER OF DANBOUYS 13 VERIFIED DANBUOY SPACING IN METERS OR YARDS

O [2/8 ANS] O [6/36 ANBS] O [6/36 ANBS] O [5-7 ANS] O  
[4-8 ANS] O [3-7 AN] O  
[11-16 ANS] O [8 AN] O [8 AN] O  
[5-9 ANS] O [5-7 ANS] O  
[1-2 N] O [3-7 AN]

Set 13 Purpose: THE CHANDAT SET PROVIDES CHANNEL INFORMATION.

O TRINST/...../.....//  
...../.....//

.....R.....  
/.....R.....//

1 PASSAGE DESIGNATOR 2 VERIFIED DAY-TIME OF TRANSIT START 3 VERIFIED RECOMMENDED  
TRANSIT SPEED 4 VERIFIED SHIP TRANSIT LONGITUDINAL INTERVAL 5 VERIFIED GROUP TRANSIT  
LONGITUDINAL INTERVAL 6 NAME OF LEAD SHIP IN GROUP 7 NUMBER OF SHIPS IN GROUP

O [4-6 A] O [8 AN] O [5-8 ANS]  
O [3-7 AN]  
O [4-6 AN] O [1-30 ANBS]  
O [1-2 N]

Set 14 Purpose: THE TRINST SET PROVIDES MCM TRANSIT INFORMATION.

C AMPN/.....//  
1 FREE TEXT  
M [1-U ANBS]

Set 15 Purpose: THE AMPN SET PROVIDES INFORMATION PERTAINING TO THE PASSAGE DESIGNATOR.

Note: THE AMPN SET IS MANDATORY IF FIELD 1 OF THE TRINST SET EQUALS "INFORM" OR "STOP".

O VESC/.....//  
.....//  
1 UNIT IDENTIFIER 2 NUMBER OF SHIPS 3 ARRIVAL COORDINATES 4 TIME OF ARRIVAL 5  
LEAD THROUGH INSTRUCTIONS  
M [1/30 ANBS] O [1-2 N] O [6/36 ANBS] O [8/11 AN] O  
[4-6 A]

Set 16 Purpose: THE VESC SET PROVIDES INFORMATION ON A VESSEL OR CONVOY'S ESTIMATED TIME  
OF ARRIVAL IN THE VICINITY OF THE MINED AREA AND LEAD THROUGH INSTRUCTIONS.

C AMPN/.....//  
1 FREE TEXT  
M [1-U ANBS]

Set 17 Purpose: THE AMPN SET PROVIDES INFORMATION PERTAINING TO THE LEAD THROUGH  
INSTRUCTIONS IN SET VESC.

Note: THE AMPN SET IS MANDATORY IF FIELD 5 OF THE VESC SET EQUALS "INFORM" OR "STOP".

O R SHIPDATA/.....//  
.....//  
1 NATIONALITY 2 SURFACE SHIP TYPE 3 SHIP NAME 4 INTERNATIONAL RADIO CALL SIGN  
O [2 A] O [2-4 A] O [1-30 ANBS] O [3-9 AN]

Set 18 Purpose: THE SHIPDATA SET PROVIDES INFORMATION ON A SPECIFIC SHIP.

O .....R.....  
COMMS/.....//  
.....R.....//  
.....R.....//  
1 UNIT DESIGNATOR 2 SPECIFIC CALL SIGN 3 COMMUNICATIONS IDENTIFIER 4  
COMMUNICATION PRIORITY 5 TRANSMISSION MODE  
M [1/30 ANBS] M [1-38 ANBS] M [1/14 ANS] O

[1A] O [2-9 AB]

Set 19 Purpose: THE COMMS SET PROVIDES COMMUNICATIONS INFORMATION.

O BDCT/-----/-----/  
.....R...../.....R.....//  
1 DAY-TIME SET WATCH 2 COMMUNICATIONS IDENTIFIER 3 DAY-TIME SHIFT WATCH 4  
COMMUNICATIONS IDENTIFIER  
M [7/8 AN] M [1/7 ANS] O [7/8 AN] 0  
[1/7 ANS]

Set 20 Purpose: THE BDCT SET PROVIDES COMMUNICATIONS BROADCAST INFORMATION TO TASKED UNITS.

O EMCON/-----R-----/-----R-----/-----R-----//  
1 EMISSION CONTROL PLAN IDENTIFIER 2 START TIME 3 STOP TIME  
M [1/8 AN] M [7/8 AN] M [7/8 AN]

Set 21 Purpose: THE EMCON SET IDENTIFIES SPECIAL EMISSION CONTROL PROCEDURES OR CONDITIONS FOR THE MCM TASKING.

O EMCONFM/-----R-----/-----R-----//  
1 EMCON PLAN FORMAT IDENTIFIER 2 EQUIPMENT OR TACTICAL UNIT TYPE  
M [1/3 A] M [1/30 ANBS]

Set 22 Purpose: THE EMCONFM SET PROVIDES INFORMATION ON THE EMISSION CONTROL (EMCON) PLAN FORMAT.

O EMCONPL/-----/-----R-----/  
-----R-----//  
1 EMISSION CONTROL PLAN DESIGNATION 2 FORMAT INDEX LETTER  
3 RADIATION STATUS INDICATOR  
M [4-14 AB] M [1-2 A]  
M [3-5 AN]

Set 23 Purpose: THE EMCONPL SET PROVIDES INFORMATION ON THE EMISSION CONTROL (EMCON) PLAN INDICATORS.

O CODING/-----/-----R-----/  
-----R-----/-----R-----//  
1 PHONETIC ALPHABETIC IDENTIFIER 2 TYPE OF CODING 3 EFFECTIVE PUBLICATION 4  
VERIFIED TIME OF CHANGE  
M [4-8 A] M [9-14 AB] M [8-10 AN] M  
[6 AN]

Set 24 Purpose: THE CODING SET PROVIDES INFORMATION ON THE TYPE OF CODING TO BE USED.

O AREA/-----R-----//





4. Mining Report (MLAYREP)

MLAYREP MESSAGE TEXT FORMAT:

SEG OCC RPT SETID

C EXER/\_\_\_\_\_/.....//  
1 EXERCISE NICKNAME 2 EXERCISE MESSAGE ADDITIONAL IDENTIFIER  
M [1-56 ANBS] O [1-16 ANBS]

Set 1 Purpose: THE EXER SET PROVIDES THE DESIGNATED CODE NAME OR NICKNAME, IF THE MESSAGE SUPPORTS AN EXERCISE.

O OPER/\_\_\_\_\_/.....//  
1 OPERATION CODEWORD 2 PLAN ORIGINATOR AND NUMBER 3 OPTION NICKNAME 4  
SECONDARY OPTION NICKNAME  
M [1-32 ANBS] O [1-23 ANS] O [1-23 ANBS] O [1-23 ANBS]

Set 2 Purpose: THE OPER SET PROVIDES THE DESIGNATED CODE NAME OR NICKNAME, IF THE MESSAGE SUPPORTS AN OPERATION.

M MSGID/\_\_\_\_\_/.....//  
.....//  
1 MESSAGE TEXT FORMAT IDENTIFIER 2 ORIGINATOR 3 MESSAGE SERIAL NUMBER 4  
MONTH NAME 5 QUALIFIER 6 SERIAL NUMBER OF QUALIFIER  
M [1-20 ANBS] M [1-30 ANBS] O [1-7 ANBS] 0  
[3A] O [3 A] O [1-3 N]

Set 3 Purpose: THE MSGID SET PROVIDES THE MESSAGE IDENTIFICATION AND ORIGINATOR.

O R REF/\_\_\_\_\_/.....//  
.....R.....//  
1 SERIAL LETTER 2 TYPE OF REFERENCE 3 ORIGINATOR 4 DATE AND/OR TIME OF  
REFERENCE 5 SERIAL NUMBER OF REFERENCE 6 SPECIAL NOTATION 7 SIC CODE OR FILING  
NUMBER  
M [1 A] M [1-20 ANBS] M [1-30 ANBS] M [6/13 AN] 0  
[1-10 ANBS] O [5A] O [1/10 ANBS]

Set 4 Purpose: THE REF SET PROVIDES BOTH USMTF AND NON-USMTF REFERENCES.

C AMPN/\_\_\_\_\_/.....//  
1 FREE TEXT  
M [1-U ANBS]

Set 5 Purpose: THE AMPN SET PROVIDES ADDITIONAL INFORMATION ON THE PRECEDING REF SET. ADDITIONALLY, THE AMPN SET PROVIDES IDENTIFYING INFORMATION FOR A NON-USMTF REFERENCE.



Set 11 Purpose: THE MFSTAT SET PROVIDES INFORMATION ON THE MINEFIELD STATUS.

O AREA/\_\_\_\_\_R\_\_\_\_\_//  
1 AREA DESIGNATION OR COORDINATES  
M [1/36 ANBS]

Set 12 Purpose: THE AREA SET DESCRIBES THE GEOGRAPHIC OPERATING AREA FOR THE MINING MISSION.

O MAP/\_\_\_\_\_/...../...../...../.....R.....//  
.....R.....//.....R.....//.....R.....//  
1 MAP OR CHART SERIES DESIGNATOR 2 MAP OR CHART SUFFIX NUMBER 3 MAP OR CHART  
SHEET NUMBER 4 MAP OR CHART EDITION NUMBER 5 GEODETIC DATUM  
M [1-12 ANS] O [2 N] O [1-14 ANS]  
O [1-6 ANS] O [4-25 ANBS]

Set 13 Purpose: THE MAP SET PROVIDES THE MAP REFERENCES FOR THE MINE LAYING REPORT.

O R MLAVAIL/...../.....R.....//  
1 NUMBER AND TYPE OF MINELAYING ASSETS 2 TYPE AND NUMBER OF MINES IN  
STOCK  
O [3/6 AN] O [3/20 ANS]

Set 14 Purpose: THE MLAVAIL SET PROVIDES INFORMATION ON MINES IN STOCK AND MINELAYING FORCES AVAILABLE FOR MINELAYING TASKS.

O AKNLDG/\_\_\_\_\_//.....R.....//  
1 ACKNOWLEDGEMENT REQUIREMENT INDICATOR 2 INSTRUCTIONS OR UNIT  
M [2-3 A] O [1/50 ANBS]

Set 15 Purpose: THE AKNLDG SET PROVIDES OPERATOR ACKNOWLEDGEMENT AND NOT COMMUNICATIONS CENTER ACKNOWLEDGEMENT.

MLAYREP MESSAGE EXAMPLE:

```
EXEIUSUNBIRD 93//  
MSGID/MLAYREP/CTF 425//  
MTASK/125B2/BRONNINGTON/82/ON/121345Z6/OFF/12180022//  
MCASEPOS/IP/INMI/21111N7-0582618W0/210201N6-0582618W0/34//  
MLINE/2/211510NO-0152300W1/211520N1-0122310W9//  
MFSTAT/TACTICAL/20/80/60/MEW/  
AREA/523017N8-0024815W0/523219N2-0034810W6/523423N9-0025209W8//  
MAP/DMAI3142/14/13/MAY84/WGS 1984//  
MLAVAIL/ISS/MOORED-12//
```

5. Mining Tasking Report (OPTASK)

OPTASK MINING MESSAGE TEXT FORMAT

SEG OCC RPT SETID

C

EXER/ \_\_\_\_\_ / .....//  
1 EXERCISE NICKNAME 2 EXERCISE MESSAGE ADDITIONAL IDENTIFIER  
M [1-56 ANBS] O [1-16 ANBS]

Set 1 Purpose: THE EXER SET PROVIDES THE DESIGNATED CODE NAME OR NICKNAME, IF THE MESSAGE SUPPORTS AN EXERCISE.

Note: THE EXER SET IS PROHIBITED IF THE OPER SET IS USED,

O

OPER/ \_\_\_\_\_ / .....//  
.....//  
1 OPERATION CODEWORD 2 PLAN ORIGINATOR AND NUMBER 3 OPTION NICKNAME 4  
SECONDARY OPTION NICKNAME  
M [1-32 ANBS] O [1-23 ANS] O [1-23 ANBS] O  
[1-23 ANBS]

Set 2 Purpose: THE OPER SET PROVIDES THE DESIGNATED CODE NAME OR NICKNAME, IF THE MESSAGE SUPPORTS AN OPERATION.

Note: THE OPER SET IS PROHIBITED IF THE EXER SET IS USED,

M MSGID/ \_\_\_\_\_ / .....//  
.....//  
1 MESSAGE TEXT FORMAT IDENTIFIER 2 ORIGINATOR 3 MESSAGE SERIAL NUMBER 4  
MONTH NAME 5 QUALIFIER 6 SERIAL NUMBER OF QUALIFIER  
M [1-20 ANBS] M [1-30 ANBS] O [1-7 ANBS] O  
[3 A] O [3 A] O [1-3 N]

Set 3 Purpose: THE MSGID SET PROVIDES THE MESSAGE IDENTIFICATION AND ORIGINATOR.

Note: FIELD 1 OF THE MSGID SET MUST EQUAL "OPTASK MINING".

O R REF/ \_\_\_\_\_ / .....//  
.....//  
.....R.....//  
1 SERIAL LETTER 2 TYPE OF REFERENCE 3 ORIGINATOR 4 DATE AND/OR TIME OF  
REFERENCE 5 SERIAL NUMBER OF REFERENCE 6 SPECIAL NOTATION 7 SIC CODE OR FILING NUMBER  
M [1 A] M [1/20 ANBS] M [1-30 ANBS] M [6/13 AN] O  
[1-10 ANBS] O [5 A] O [1/10 ANBS]

Set 4 Purpose: THE REF SET PROVIDES BOTH USMTF AND NON-USMTF REFERENCES.

C AMPN/ \_\_\_\_\_ //  
1 FREE TEXT  
M [1-U ANBS]

Set 5 Purpose: THE AMPN SET PROVIDES ADDITIONAL INFORMATION ON THE PRECEDING REF SET. ADDITIONALLY, THE AMPN SET PROVIDES IDENTIFYING INFORMATION FOR A NON-USMTF REFERENCE.



-----R /-----R /-----R /-----R /  
 -----R /-----R /-----R /-----R /  
 -----R //

1 MINEFIELD IDENTIFIER 2 MINE TYPE 3 NUMBER OF MINES TO BE LAID  
 4 MINEFIELD POSITION 5 VERIFIED MINE LINE ORIENTATION AND SPACING 6 VERIFIED DEPTH IN METERS OR FEET 7 ARMING DELAY 8 COUNT OF SHIPS 9 LAYING REFERENCE NUMBER (LRN)  
 M [1/20 ANBS] M [1/15 ANS] M [1-3 N]  
 M [6/36 ANBS] M [10-12 ANS] M [3-6 AN]  
 M [4/15 AN] M [1/5 NS] M [2-15 ANS]

Set 11 Purpose: THE MFLD SET PROVIDES INFORMATION ON THE PLANNED MINEFIELD.

O POMOE/-----/  
 -----/  
 -----/  
 -----//

1 OBJECTIVE OF MINEFIELD 2 NAME OF SHIP CLASS 3 VERIFIED SPEED IN KNOTS 4 NAME OF SHIP CLASS 5 VERIFIED SPEED IN KNOTS 6 LEVEL OF EXPECTED COUNTERMEASURES 7 MMOE SIMPLE INITIAL THREAT PROBABILITY 8 AVERAGE NUMBER OF CASUALTIES 9 MMOE SUSTAINED THREAT PROBABILITY 10 PLANNED SUSTAINED THREAT OF MINEFIELD IN DAYS 11 EXPECTED NUMBER OF TRANSISTORS  
 M [2-4 A] M [1-30 ANBS] M [5-8 ANS] M [1-0  
 30 ANBS] M [5-8 ANS] M [4-8 A] O [3 NS]  
 [3 NS] O [4-6 AN] O [1-4 N]  
 O [1-3 N]

Set 12 Purpose: THE POMOE SET REPORTS PLANNING INFORMATION FOR MINEFIELDS.

O PERIOD/-----/  
 1 START TIME 2 STOP TIME 3 STOP TIME MODIFIER  
 M [7/11 AN] M [3/11 AN] C [7/11 AN]

Set 13 Purpose: THE PERIOD SET PROVIDES INFORMATION ON THE EFFECTIVE TIME PERIOD OF MINELAYING OPERATIONS.

O R COMMS/-----/-----R /  
 -----R /-----R //  
 1 UNIT DESIGNATOR 2 SPECIFIC CALL SIGN 3 COMMUNICATIONS IDENTIFIER 4  
 COMMUNICATION PRIORITY 5 TRANSMISSION MODE  
 M [1/30 ANBS] M [1-38 ANBS] M [1/14 ANS] 0  
 [1 A] O [2-9 AB]

Set 14 Purpose: THE COMMS SET PROVIDES COMMUNICATIONS INFORMATION.

O BDCT/-----/-----R /  
 -----R //  
 1 DAY-TIME SET WATCH 2 COMMUNICATIONS IDENTIFIER 3 DAY-TIME SHIFT WATCH 4  
 COMMUNICATIONS IDENTIFIER







EMCON/ALFA/011201Z5/011300Z5/BRAVO/211300Z7/240600Z2//  
EMCONFM/H/HYDROFOL/52/RBOC//  
EMCONPL/TANGO/A/15E/A/40PM97EB//  
AREA/523017N8-0024815W0/523219N2-0025012W0/523423N9-0025209W8//  
MAP/DMAI3142/14/13/MAY84/WGS1984//  
COTI/121230Z9MAY/KOEGE//  
MICA/ONE-SEVEN-TWO//  
COVER/AVENGER/UCTU71.1.2//  
FYFCE/RESERVEMINEFOR/1/BRECON//  
FYPOS/CTF313/42121ONO-0071412W5/221530Z3/050T25KTS/SZ/4621//  
TACOM/CTG420.5/221600ZIDEC//  
SAIL/170930ZO/PLACE:ESJBERG/190800Z8//  
PIM/552243N1-0024312W2/261330Z5/180T9-7KTS7/12HR3//

DUTY/MIDDLEBURG/3V//  
GENTEXT/ACTION ON COMPLETION/PROCEED TO KOEGE FOR EMBARKATION OF  
CARGO ZERO ONE EIGHT (018)//  
AKNLDG/YES//

6. Unexploded Ordnance. The UXO spot report is a detailed, swift, two-way reporting system that makes clear where the UXO hazard areas are, what their priorities are, and which units are affected by them, The report is used to request help in handling a UXO hazard that is beyond a unit's ability to handle and that affects the unit's mission, This report helps the commander set priorities based on the battlefield situation.

a. The UXO spot report is the first echelon report that is sent when a UXO is encountered. Information about this report is also found in GTA 9-12-1 and in the supplemental information section of the signal operating instructions. The information must be sent by the fastest means available.

Line 1. Date-Time Group: DTG item discovered.

Line 2. Reporting Activity [unit identification code and location (grid of UXO)]

Line 3. Contact method: Radio frequency, call sign, point of contact, and telephone number,

Line 4. Type of Ordnance: Dropped, projected, placed, or thrown. If available, supply the subgroup. Give the number of items, if more than one,

Line 5. NBC Contamination: Be as specific as possible.

Line 6. Resources Threatened: Report any equipment, facilities, or other assets that are threatened.

Line 7. Impact on Mission: Provide a short description of your current tactical situation and how the presence of the UXO affects your status.

Line 8. Protective Measures: Describe any measures you have taken to protect personnel and equipment.

Line 9. Recommended Priority: Recommend a priority for response by EOD technicians or engineers.