

//UNCLASSIFIED//
041210Z Feb 16
FROM CDR JMC ROCK ISL IL//AMSJM-QAS//
740 (A)

SUBJECT: AMMUNITION INFORMATION NOTICE (AIN) 030-16, SAFE HANDLING AND PACKAGING OF SELF CONTAINED GROUND SIGNAL FAMILY (1370-L305, L306, L307, L311, L312, L314, L323, L324)

1. AIN 029-16 WAS TRANSMITTED ON 031357Z Feb 16

2. THIS SUPERSEDES AIN 021-15.

3. DODIC: L305, L306, L307, L311, L312, L314, L323, L324

4. REFERENCES:

A. OPERATOR'S MANUAL PYROTECHNIC SIGNALS, TM 9-1370-206-10 W/ CHANGE 2, DATED 31 MARCH 1991.

B. THE ARMY SAFETY PROGRAM, AR 385-10 DATED 27 NOVEMBER 2013.

5. REQUEST THIS AIN BE DISSEMINATED TO ALL USING UNITS, EOD, QUALITY ASSURANCE SPECIALIST, AMMUNITION SURVEILLANCE (QASAS) AND AMMUNITION SUPPLY POINT (ASP) PERSONNEL. STRONGLY ADVISING ALL TO ADHERE TO THE PROVIDED SAFETY GUIDANCE.

6. AMMUNITION AND EXPLOSIVES ARE INHERENTLY DANGEROUS AND MUST BE HANDLED AND PACKAGED SAFELY. ONE USF-I SOLDIER WAS INJURED WHEN A HANDHELD SIGNAL INADVERTENTLY FUNCTIONED DUE TO IMPROPER PACKING OF A SIGNAL, ILLUMINATION, GROUND: CLUSTER, WHITE STAR, M159 (1370-L307) INTO THE PA142 PLASTIC CONTAINER. THREE OTHER RECENT INCIDENTS HAVE RESULTED IN MINOR INJURIES TO PERSONNEL REPACKAGING HAND HELD SIGNALS INTO THE PA142 CONTAINER. ALL THREE INCIDENTS HAVE BEEN ATTRIBUTED TO USERS INCORRECTLY PACKAGING THE SIGNAL INTO THE PA142 CONTAINER AND RETURNING THE PACKAGE TO AN ASP.

7. THE PA142 PLASTIC CONTAINER IS DESIGNED FOR A SIGNAL TO BE INSERTED WITH THE PRIMER END DOWN. THE SIGNAL ALSO WILL FIT (IMPROPERLY) WITH THE SIGNAL CAP END INSERTED FIRST. WHEN THE SIGNAL IS INSERTED WITH THE CAP END FIRST, THE CAP WILL REMAIN STUCK IN THE BOTTOM OF THE CONTAINER WHEN THE SIGNAL IS REMOVED. THE FIRING PIN IS THEN EXPOSED. IF A SIGNAL IS REINSERTED PROPERLY BACK INTO THE CONTAINER WITH A SIGNAL CAP STUCK IN IT, THE PRIMER AND FIRING PIN WILL MAKE CONTACT. THIS COULD CAUSE THE SIGNAL TO INADVERTENTLY FUNCTION.

8. DURING INSPECTION AND REPACKING OPERATIONS, OPERATORS MUST REMAIN VIGILANT WHILE PACKING THESE SELF CONTAINED GROUND SIGNALS INTO THE PA142 PLASTIC CONTAINER. PERSONNEL MUST VISUALLY INSPECT 100% THE INSIDE OF EACH CONTAINER TO ENSURE THERE IS NOT A CAP STUCK INSIDE PRIOR TO INSERTING SIGNAL. PA142 PLASTIC CONTAINERS FOUND WITH THE ALUMINUM SIGNAL CAP STUCK AT THE BOTTOM WILL NOT BE REUSED. THESE CONTAINERS WILL BE SEGREGATED FROM SERVICEABLE CONTAINERS AND DISPOSE IAW LOCAL PROCEDURES. SIGNALS WITHOUT AN END CAP OR SERVICEABLE PA142 MUST BE RETURNED TO THE ASP FOR REPACKAGING.

9. AFFECTED SIGNALS SHALL BE CONSIDERED UNSERVICEABLE UNTIL THEY ARE REPACKAGED APPROPRIATELY. SERVICEABLE PA142 CONTAINERS MAY BE REUSED TO REPLACE PA142 CONTAINERS THAT HAVE BEEN DISCARDED. SERVICEABLE END CAPS FROM EXPENDED SIGNALS MAY BE USED TO REPLACE END CAPS LOST IN DISCARDED PA142 CONTAINERS. SIGNALS MUST ALWAYS BE PACKED INTO PA142 CONTAINERS WITH THE PRIMER END FACING DOWN.

10. PYROTECHNICS ARE MORE DANGEROUS THAN MANY OTHER TYPES OF AMMUNITION BECAUSE THEY ARE EASILY INITIATED. MILITARY PYROTECHNICS MUST BE HANDLED WITH CARE AT ALL TIMES. MORE INFORMATION ABOUT SAFETY PRECAUTIONS FOR THE HANDLING AND FIRING OF SELF CONTAINED GROUND SIGNALS AND OTHER PYROTECHNIC ITEMS CAN BE FOUND IN REFERENCES 4.A AND 4.B ABOVE.

11. SOLDIERS AND LEADERS AT ALL LEVELS ARE ENCOURAGED TO FAMILIARIZE THEMSELVES WITH SAFETY PROCEDURES TO BE FOLLOWED WHILE USING AND REPACKAGING HAND HELD SIGNALS. SEE ATTACHMENTS AIN 030-16A AND 030-16B SENT WITH THIS MESSAGE FOR ADDITIONAL INFORMATION, AND THE FLARE SAFETY VIDEO.

12. TECHNICAL POC IS TIMOTHY HEALY, RDAR-EIL-LM, DSN 880-8055, E-MAIL TIMOTHY.B.HEALY.CIV@MAIL.MIL. POC FOR DISTRIBUTION IS MRS. IRENE E. YOUNG, AMSJM-QAS, DSN 793-8490, E-MAIL IRENE.E.YOUNG9.CIV@MAIL.MIL.

13. THIS AIN WILL EXPIRE 28 FEBRUARY 2017 UNLESS OTHERWISE RESCINDED OR SUPERSEDED.

//SIGNED//
JEAN-MICHEL W. SERRA
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