



UNITED STATES MARINE CORPS
MARINE CORPS INSTALLATIONS NATIONAL CAPITAL REGION
MARINE CORPS BASE QUANTICO
3250 CATLIN AVENUE
QUANTICO, VIRGINIA 22134-5001

IN REPLY REFER TO
MCINCR-MCBQO 3565
B 51J

AUG 12 2020

MARINE CORPS INSTALLATIONS NATIONAL CAPITAL REGION-MARINE CORPS
BASE QUANTICO ORDER 3565

From: Commander, Marine Corps Installations National Capital
Region-Marine Corps Base Quantico
To: Distribution List
Subj: HAZARDS OF ELECTROMAGNETIC RADIATION TO ORDNANCE (HERO)
EMISSION CONTROL (EMCON)
Ref: (a) Hazards of Electromagnetic Radiation to Ordnance
Assessment of Marine Corps Base and Marine Corps Air
Facility Quantico, Virginia, 24 April 2017
(b) Electromagnetic Radiation Hazards (Hazards to
Ordnance), NAVSEA OP 3565/ NAVAIR 16-1-529, Volume 2,
Nineteenth Revision, 1 July 2016
(c) NAVFAC 11010/31 Parts I and II, Subj: Request for
Project Site Approval/Explosive Safety Certification
Encl: (1) HERO Classifications and General Requirements
(2) Ordnance
(3) Station Drawings
(4) HERO EMCON Ordnance Matrix
(5) HERO EMCON Condition Matrix
(6) Antenna and Transmitter Systems
(7) HERO Warning Label and Warning Symbol
(8) Station Call List for HERO EMCON

1. Situation. This order publishes policy and procedures for the safe handling, storage, transportation and use of ordnance that is susceptible to electromagnetic radiation aboard Marine Corps Installations National Capital Region-Marine Corps Base Quantico (MCINCR-MCBQ).

2. Cancellation. MCINCR-MCBQ 8020.1B.

3. Mission. To disseminate policies and procedures for the safe handling, storage, field storage, transportation and disposal of ammunition and explosives in an environment susceptible to the hazards of electromagnetic radiation to ordnance (HERO) and to

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outline procedures to set emission controls (EMCON) when required aboard MCINCR-MCBQ.

4. Execution

a. Commander's Intent and Concept of Operations

(1) Commander's Intent. It is the intent of this order to provide policy guidance on safe HERO procedures when HERO SUSCEPTIBLE or HERO UNSAFE ORDNANCE is handled, loaded or transported by personnel aboard Marine Corps Installations National Capital Region-Marine Corps Base Quantico at all ordnance locations. Enclosure (2) is a list of HERO SAFE, HERO SUSCEPTIBLE and HERO UNSAFE ORDNANCE commonly used aboard MCINCR-MCBQ.

(2) Concept of Operations. Oversight of the HERO Program will be a joint operation with responsibilities shared between the MCINCR-MCBQ Safety Division and G-6. For HERO issues that exceed the local knowledge or expertise of the HERO Committee, the Naval Surface Warfare Center, Dahlgren Division (NSWCDD) (Code J52) will be contacted.

b. Subordinate Element Missions

(1) Director of Operations, G-3, Marine Corps Base Quantico

(a) Activate the Marine Corps Base Quantico Emergency Operations Center as required, to support response to a HERO SUSCEPTIBLE or HERO UNSAFE incident aboard the installation.

(b) Identify Range Management and Explosive Ordnance Disposal (EOD) HERO points of contact.

(2) Head, Range Management Branch

(a) Ensure units and personnel using MCINCR-MCBQ RTAs and the special use airspace (R6608A, R6608B, and R6608C) west of Interstate 95 are aware of HERO and understand their responsibilities and procedures to prevent and respond to a HERO incident.

(b) Provide a representative to attend HERO Committee meetings.

(c) During certification training, educate range

officers in charge and range safety officers on safety precautions and procedures when using ordnance susceptible to electromagnetic radiation.

(d) Incorporate HERO guidance and instruction into applicable SOPs for RTAs and airspace; update HERO information in the SOPs, as required.

(e) Provide support to emergency personnel first responding to a HERO incident that occurs in the Marine Corps Installations National Capital Region-Marine Corps Base Quantico RTA complex west of Interstate 95.

(f) Through the Range Management Branch Fire Desk, maintain required communications with all military aircraft operating within the special use airspace and brief pilots on necessary HERO precautions or threats. Civilian aircraft allowed flight through the special use airspace shall maintain a minimum altitude of 2,500 feet above ground level (outside of HERO sensitivity). In the event communications with an aircraft (military or civilian) fail, the fire desk will notify training units or first responders of the uncontrolled flight and potential HERO threat; training units will then take appropriate action on the ground to safeguard personnel under their control.

(g) Take immediate action to halt training when the potential for a HERO incident is perceived.

(3) Explosives Ordnance Disposal Officer

(a) Provide a representative to attend HERO Committee meetings.

(b) Provide technical support to the ammunition Supply point (ASP), training units and emergency personnel first responding to a HERO incident that occurs aboard MCINCR-MCBQ, as required.

(c) Safely transport or render safe HERO SUSCEPTIBLE and HERO UNSAFE ORDNANCE that cannot be made safe.

(4) Director, Safety Division

(a) Appoint Explosives Safety Officer to serve on the HERO Committee.

(b) Be responsible for annual inspections of the MCINCR-MCBQ HERO Program to ensure it meets all requirements of reference (a) and this order.

(c) Convene annual meetings of ordnance and radiation hazard (RADHAZ) personnel to discuss and recommend changes to the instructions.

(d) Monitor the supply of HERO warning signs and stickers and order as necessary (see enclosure (7) for examples).

(e) Review RADHAZ requirements and request HERO surveys when required. MCINCR-MCBQ is currently on a 7-year cycle per reference (a).

(f) Maintain and update all ordnance transportation routes aboard the base.

(g) Ensure safety investigations are conducted for any mishaps involving HERO sensitive ordnance, as appropriate.

(h) Place and maintain safety signs onboard the installation to identify the HERO issue to motorists.

(i) Coordinate with the Federal Bureau of Investigation and Drug Enforcement Agency safety personnel to educate them about HERO annually and as requirements change.

(5) Assistant Chief of Staff, G-6

(a) Appoint a representative to serve on the HERO committee.

(b) Provide frequency management specific expertise.

(c) Serve as the base point of contact for radio frequency coordination.

(d) Ensure all communications specialists are familiar with HERO restrictions from a radio frequencies (RF) perspective.

(e) Provide recommendations to the G-6 Operations Officer with regard to the approval/disapproval of any requests to operate amateur radio equipment aboard MCINCR-MCBQ. If

approval is recommended, ensure the HERO Committee is consulted prior to approving the request. Ensure the HERO Committee is notified of transmitter and antenna changes aboard the base so committee members may review and provide comments on the ordnance specific implications of these changes. All new or modified transmitter installations should be submitted for HERO review per reference (c).

(f) Ensure all RF emitters under the cognizance of this command are marked with the safe operating distance prior to issue.

(g) Affix HERO warning labels to all mobile and portable radios. Enclosure (7) provides additional information on HERO warning labels.

(h) Establish check-in procedures for owners of citizens band and other mobile radios and cellular telephones to familiarize operators with HERO.

(6) Assistant Chief of Staff, G-4

(a) Provide a representative to attend HERO Committee meetings.

(b) Ensure that all ASP personnel are familiar with HERO restrictions applicable to ammunition and explosives (A&E) operations.

(c) When issuing A&E, advise the user of ordnance HERO status during all aspects of its life cycle (e.g., assembly, handling, loading/downloading operations).

(d) Inform the HERO Committee upon receipt of ordnance items not listed in enclosure (2) that are categorized as HERO SUSCEPTIBLE or HERO UNSAFE ORDNANCE so that they may be included in this order and HERO issues can be mitigated.

(e) Ensure catalogued A&E items have gone through a Weapon System Explosives Safety Review Board (WSESRB) and identify packaging requirements based on drawing numbers per the Ammunition Component Handbook therefore require no additional packaging considerations. A&E items that are not catalogued, (i.e. Non-DoD, commercial items) will be considered HERO UNSAFE at all times.

(f) Set the appropriate HERO condition during the handling of HERO SUSCEPTIBLE and HERO UNSAFE munitions within the ASP.

(g) Place HERO warning signs prohibiting radio transmissions at the entrance to the magazine area and all ordnance handling or storage activities.

(7) Commanding Officer, Marine Corps Air Facility.

(a) Provide a representative to attend HERO Committee meetings.

(8) Operations Officer, Marine Corps Air Facility.

(a) Act as the point of contact for the setting and monitoring of HERO EMCON throughout the air facility, as outlined in reference (b). The Operations Officer will maintain a list of names and telephone numbers for those activities impacted by HERO EMCON. All future emitter changes at air facility should be provided via the Air Traffic Control Maintenance Officer to the AC/S G-6 Frequency Manager and the Explosives Safety Officer for inclusion into this order.

(b) Restrict aircraft on the flight line from indiscriminately energizing any RF transmitters (communications, radars or electronic warfare equipment) while HERO conditions are in effect.

(c) Ensure that taxiing/landing aircraft are informed when HERO conditions are set.

(d) Establish and maintain liaison with Marine Helicopter Squadron-One (HMX-1), MCBQ Frequency Manager and the Explosives Safety Officer to resolve any conflicts in HERO requirements;

(e) Include HERO EMCON radio operating training as a qualification requirement for vehicle operators on the airfield and aboard the air facility.

(f) Inform the MCBQ Frequency Manager and Explosives Safety Officer upon receipt of ordnance items not listed in enclosure (2) that are categorized as HERO SUSCEPTIBLE or HERO UNSAFE ORDNANCE to be included in this order.

(10) Commanding Officers/Officers in Charge and Department Heads/Special Staff Assistants.

(a) Ensure all operators of communications equipment and aircrews comply with this order.

(b) Ensure personnel operating transmitters are properly instructed in their use during EMCON conditions.

(c) Notify the Frequency Manager, G-6, MCINCR-MCBQ prior to using new electronic equipment (that radiates) at MCB/MCAF Quantico.

(11) Tenant Activities

(a) Notify the AC/S G-6 MCINCR-MCBQ when new communications (or radar) equipment acquisitions are planned.

(b) Notify the HERO Committee in advance of the loading, downloading or transportation of said equipment so that HERO concerns can be properly addressed.

5. Administration and Logistics

a. Recommendations concerning the contents of this Order are invited. Such recommendations will be forwarded to the Commander (B 51 Attn: ESO), MCINCR-MCBQ, Quantico, via the appropriate chain of command.

b. Electronic copies of this order can be accessed online via MCINCR-MCBQ homepage at <http://www.quantico.usmc.mil/directives.aspx?Command=MCBQ>

c. Updates, new emitter system specifications issuances and HERO safe separation distances are located at <https://www.quantico.marines.mil/Offices-Staff/Safety-Division/Explosives-Safety-Office/>

6. Command and Signal

a. Command. This Order is effective the date signed.

b. Signal. This Order is applicable to all activities that handle, store, transport or conduct the emergency destruction of ammunition and explosives aboard Marine Corps

Base, Quantico and to all activities utilizing the Ammunition
Supply Point (ASP).


W. C. BENTLEY III

DISTRIBUTION: A

HERO CLASSIFICATIONS AND GENERAL REQUIREMENTS

Enclosure (1)

HERO CLASSIFICATIONS AND GENERAL REQUIREMENTS

1. As described in reference (b), electromagnetic radiation hazards stem from the functional characteristics of electrically initiated ordnance, and are a result of absorption of electromagnetic energy by the firing circuitry of electrically initiated devices (EIDs). The induced energy can cause heating of the bridgewire and primary explosive, and can result in premature, unintended actuation of the EID. Such an event can pose either a safety or reliability problem. In general, ordnance is most susceptible to radio-frequency (RF) electromagnetic environments (EMEs) during assembly, disassembly, handling, loading, and unloading. There are three classifications pertinent to HERO: HERO SAFE ORDNANCE, HERO SUSCEPTIBLE ORDNANCE, and HERO UNSAFE ORDNANCE. Therefore, HERO Emission Control (EMCON) and ordnance handling restrictions and procedures [see reference (a)] form a compromise which allows for the safe handling of ordnance within the existing EME. HERO EMCON is derived from an analysis of the EMEs produced by the existing antenna/transmitter systems and the ordnance susceptibilities described in reference (b), or through a HERO survey. The following paragraphs describe the categories of ordnance.

a. HERO SAFE ORDNANCE: Items that require no EME restrictions beyond the general HERO requirements described in Chapter 7, paragraph 7-3 of reference (b).

b. HERO SUSCEPTIBLE ORDNANCE: Items that are susceptible and require moderate EME restrictions.

c. HERO UNSAFE ORDNANCE: Items that are extremely susceptible and require severe EME restrictions.

2. The following requirements apply to all ordnance operations involving the presence, handling and loading/unloading of ordnance unless otherwise specified in ref (b).

a. Ordnance evolutions must be planned so that there is a minimum of ordnance exposure to the EMEs.

b. Avoid touching any exposed firing contact, wiring or other exposed circuitry with any part of the body or with any metallic object.

c. Ensure all open electrical connectors on the ordnance are covered with non-shorting caps.

- d. Ordnance will not be assembled/disassembled in an EME.
 - e. Igniters, primers, detonators and other items containing EIDs will not be stowed in magazines that have flexible waveguides routed through them.
2. Transport and store HERO UNSAFE/UNRELIABLE ORDNANCE in sealed, all-metal containers.
 3. When transporting HERO SUSCEPTIBLE ORDNANCE, comply with the ordnance handling requirements listed in reference (a) and Chapter 7 of reference (b).
 4. Establish a HERO liaison at each tenant activity to document and monitor future emitter and ordnance operation changes within the activity. This POC should relate all such changes to station Base Frequency manager and Explosives Safety Officer.
 5. The Explosives Safety Officer, shall coordinate the HERO program and account for all station and tenant command information concerning ordnance inventory/operations. Additionally, the Frequency manager should be notified of any future transmitter and antenna changes at this facility and are submitted for HERO review in accordance with reference (c).
 6. Post and maintain HERO warning signs at all entrance gates to ordnance areas.
 7. Ensure ships berthed at the station silence all shipboard emitters whenever ordnance operations occur within the HERO separation distances listed in Appendix A of their respective report.
 8. Observe the HERO separation distances listed in enclosure (6) for cellular telephones and mobile and portable radios and affix HERO warning labels stating separation distances for HERO UNSAFE/UNRELIABLE and HERO SUSCEPTIBLE ORDNANCE to device.
 9. Maintain control over the number, type and placement of temporary emitter systems installed at the station. Ensure the calculated HERO safe separation distances are maintained between the antennas and ordnance operations. [See Chapter 2, paragraph 2-2.1 of reference (b).]
 10. Ensure that operators of privately owned amateur and citizens band radios and cellular telephones are familiar with

HERO and safe separation distance requirements for their particular radio or telephone.

11. Ensure that radio systems installed in ordnance handling vehicles maintain the minimum 10-foot antenna-to-ordnance separation distance required for HERO SAFE ORDNANCE. [See Chapter 7, paragraph 7-3.2 of reference (b).]

12. Ensure that operators, handlers and riggers transferring ordnance maintain a minimum safe separation distance of 19 feet from HERO UNSAFE/UNRELIABLE ORDNANCE when using single portable radios operating in the 136-174 MHz frequency range and at a maximum output power of 2 watts. For the use of other single portable radios, refer to enclosure (6) or Chapter 2, paragraph 2-2.1 of reference (b) for applicable safe separation distances.

13. Prior to conducting geophysical surveys for unexploded ordnance (UXO) using equipment with electromagnetic transmitting detection/location (ground-penetrating radar, ground conductivity meters, etc.) systems, contact NOSSA, N84, for HERO safety guidance.

14. Any changes to the station's antenna/transmitter system or ordnance configurations are subject to the requirements cited in reference (c). This applies even if an activity moves from one site to another within the confines of the facility.

15. For transmitters and ordnance not specifically addressed in this report, see reference (b) for HERO guidance.

16. Cellular telephones should not be operated within ordnance facilities unless approved by the Commanding Officer or OIC of the facility. Approved devices must remain in Airplane mode while inside an Ordnance Operating area.

17. Keyless entry systems should not be radiated within ordnance facilities. It is recommended that these systems not be allowed into ordnance facility work areas.

18. If HERO UNSAFE/UNRELIABLE or HERO SUSCEPTIBLE ORDNANCE is exposed on the flight line or in the hangars, silence or apply the HERO separation distances listed in enclosure (6) for transmitters on all aircraft. Exceptions are very high frequency (VHF) and ultra-high frequency (UHF) transmitters operating at less than 20 watts output power if HERO UNSAFE/UNRELIABLE ORDNANCE is exposed or transmitters operating

at less than 40 watts output power if HERO SUSCEPTIBLE ORDNANCE is exposed. All transmitters may operate into dummy loads.

19. In the event of an ordnance accident, ensure that response units maintain a minimum separation distance of 150 feet from the accident site when 3 or more VHF/UHF mobile radios are in use and 50 feet when 3 or more portable VHF radios are in use. For single VHF radio use, see the applicable separation distances listed in enclosure (6).

20. In the event of an ordnance accident or emergency involving aircraft carrying aviation ordnance (or an ordnance carrier along the ordnance transportation route), the appropriate HERO EMCON (defined in enclosures (4) and (5) will be set by the Range Control Officer, ASP OIC or MCAF Operations Officer, as appropriate. The EMCON will remain in effect until EOD personnel have rendered the ordnance safe or determined that EMCON is no longer required. In all instances, the Operations Officer, MCAF will contact all activities impacted by HERO (stationary transmitters to be silenced) and inform all aircraft on the ground (or inbound aircraft) to discontinue the use of HF communications and high power radars.

ORDNANCE

Enclosure (2)

B-15

ORDNANCE NOMENCLATURE

A	Bombs, Components, and Countermeasures
AAC	Antiaircraft, common
A/C, ACFT	Aircraft
AC	Aircraft, common
AD, ADF	Auxiliary detonating fuze
AGM	Air-surface attack missile
AIM	Air intercept-aerial missile
AN/ALE	Army/Navy - air-launched, expendable
ANTI-PERS, APERS	Antipersonnel
APDS	Armor piercing, discarding
APERS	Antipersonnel
API	Armor-Piercing Incendiary
APT	Armor-Piercing Tracer
ASSY, AY	Assembly
ATM	Air Training Missile
AUR	All-Up Round
AV	Attack fighter aircraft
B	Military Pyrotechnics
BBU	Explosive item unit
BCU	Battery Cooling Unit
BDU	Simulated bomb
BLP	Blind-loaded and plugged
BSU	Munitions stabilizing and retarding device unit
C	Military Chemicals
CAL	Caliber
CBU	Cluster Bomb Unit
CCG	Computer Control Group
CCU	Actuator cartridge
CH	Channel
CHG	Charge
Class	Classification
CNTR	Container
CNU	Shipping and storage container
C/O	Consist(s) of
CO.	Company
COMB	Combination
COMP	Composition
CP	Case-percussion
CS	Tear gas
CS-1	Tear gas (super)
CTG	Cartridge
CVT	Controlled variable time Fuze
D	Underwater sound signals, sonobuoys, and components

NOMENCLATURE (CONT.)

DBL	Double
DEA	Drug Enforcement Agency
DEMO	Demolition
DET	Detonator
DICASS	Direction command active sonobuoy system
DoDIC	Department of Defense Identification Code
DP	Dual-purpose
DWG	Drawing
E	Demolition explosives and materials
EA	Each
EOD	Explosive Ordnance Disposal
ERDL	Extended Range Data Link
F/	For
FCDC	Flexible, confined detonating cord
FL	Flashless
FLU	Flotation unit
FMLY	Formerly
FMU	Fuze Munition Unit
FRAG	Fragmentation
FREQ	Frequency
FT	Feet
FWD	Forward
FZ	Fuze
G	Underwater Mines and Components
GA	Gauge
GAU	Gun Aircraft Unit
GN, GR	Grain
GP	General-purpose
GRAN	Granular
GW	Guided Weapon
H	Cartridges and Cartridge-Actuated Devices
HARM	High-Speed Anti-Radiation Missile
HC	High Capacity
HE	High Explosive
HEDP	High Explosive Detonating Point
HEI	High Explosive, Incendiary
HERO	Hazards of Electromagnetic Radiation to Ordnance
HOW	Howitzer
HR	Hour
I, INC	Incendiary
IGN, INGR	Ignition, Igniter
ILLUM	Illuminating
IN	Inch

NOMENCLATURE (CONT.)

IR	Infrared
J	Aircraft rockets and components
JAU	Initiator, cartridge-actuated
L	Marine Corps ammunition
LAU	Aircraft-installed launcher
LB	Pound
LDD	Loaded
LSN	Local Stock Number
M	TOMAHAWK Cruise Missile and Components
MAU	Miscellaneous Armament Unit
MBEU	Multiple Bomb Ejection Unit
MDP	Miniature Double Plug
MECH	Mechanical
MG	Machine Gun
MIN	Minute
MK	Mark
MM	Millimeter
MOD	Model/Modification
MSL	Missile
MTL, METI	Metal
MTR	Motor
MXU	Miscellaneous units
NATO	North Atlantic Treaty Organization
NAVAIR	Naval Air Systems Command
NAVSEA	Naval Sea Systems Command
NO	Number
NON-ELECT	Non-electric
NON FRAG	Non-fragmentation
O	Miscellaneous Ammunition Components and Containers
OA	Operational Assembly
OP	Ordnance Publication
OZ	Ounce
P	Small Arms and landing-force ammunition
PD, PDF	Point-detonating Fuze
PGU	Programmer unit
PIBD	Point-initiating, base detonating
P/N	Part Number
PRAC	Practice
PROJ	Projectile
PROP	Propellant
Q	Gun ammunition, 20 mm to 4-inch
R	Gun ammunition, over 4-inch
RBOC	Rapid Blooming Offboard Chaff

NOMENCLATURE (CONT.)

RD	Round
REF	Reference
REQ.	Requirement
RF	Rapid-Fire
RKT	Rocket
RR	Radar Reflector
S	Torpedoes and components
SEC	Second
SF	Slow-Fire
SMAW	Shoulder-Mounted Antitank Weapon
SMDC	Shielded, Mild Detonating Cord
SMK	Smoke
SQ	Super-Quick
STL	Steel
SUS	Signal Underwater Sound
SUSP	Suspension
SUU	Suspension and release unit
SWU	Switch unit
T	Surface-launched Guided Missiles and Components
T, TR	Tracer
TACT	Tactical
TNT	Trinitrotoluene
TOW	Tube-launched, optically tracked, wire-guided
TP	Target Practice
TRNR	Trainer
UK	United Kingdom
V	Air-launched guided missiles and components
VT	Variable time Fuze
W/	With
WAFFAR	Wrap-Around, Folding-Fin Aircraft Rocket
W/O	Without
WP	White Phosphorus
WTU	Warhead Training Unit
WX	Weather
WX PROOF	Weatherproof
Y	Countermeasures and decoys

ORDNANCE LIST

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
A011 (NAVY) 1305-01-386-2464	2. 12 GAUGE SHOTGUN CARTRIDGE, 12 GAUGE SHOTGUN, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
A011 (NAVY) 1305-01-232-8338	3. 12 GAUGE SHOTGUN CARTRIDGE, 12 GAUGE SHOTGUN, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
A011 (AIR FORCE) 1305-00-892-4254	4. 12 GAUGE SHOTGUN CARTRIDGE, 12 GAUGE SHOTGUN, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
A014 (NAVY) 1305-00-929-8842	5. 12 GAUGE SHOTGUN CARTRIDGE (A014), ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A014 (NAVY) 1305-01-232-8339	6. 12 GAUGE SHOTGUN CARTRIDGE (A014), ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A017 (NAVY) 1305-01-232-7415	7. CARTRIDGE, 12 GAUGE SHOTGUN, NO. 9 SHOT , 12 GAUGE SHOTGUN LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
A017 (NAVY) 1305-00-928-4485	8. CTG, 12 GA SHOTGUN, NO. 9 SHOT , 12 GAUGE SHOTGUN LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
A017 (NAVY) 1305-00-146-1187	9. 12 GAUGE SHOTGUN CARTRIDGE (A017), 12 GAUGE SHOTGUN, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
A017 (NAVY) 1305-00-096-3164	10. 12 GAUGE SHOTGUN CARTRIDGE (A017), 12 GAUGE SHOTGUN, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
A023 (NAVY) 1305-01-282-1256	11. 12 GAUGE SHOTGUN CARTRIDGE, 12 GAUGE SHOTGUN, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
A023 (NAVY) 1305-01-386-5604	12. 12 GAUGE SHOTGUN CARTRIDGE, 12 GAUGE SHOTGUN, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
A059 (NAVY) 1305-01-155-5459	13. M855 MILLIMETER BALL CLIPPED, RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A059 (NAVY) 1305-01-155-5462	14. M855 5.56 MM CARTRIDGE, RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A060 (NAVY) 1305-00-764-8437	15. DUMMY CARTRIDGE, 5.56 MM, M199, SINGLE RD, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A062 (NAVY) 1305-01-363-7560	16. CARTRIDGE, 5.56 MM, M855, LINKED 200 ROUND BELT IN M8 METAL CONTAINER, 2 CONTAINERS PER WIREBOUND BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A062 (NAVY) 1305-01-258-8692	17. CARTRIDGE, 5.56 MM, M855, LINKED W/M27 LINKS F/SAWS , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A063 (NAVY) 1305-01-155-5457	18. CARTRIDGE, 5.56 MM, TRACER, M856, (ALL M856 CARTRIDGES ARE IDENTIFIED BY AN ORANGE TIP), ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A064 (NAVY) 1305-01-131-5246	19. M855 5.56 MM LINKED CARTRIDGE, RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A064 (NAVY) 1305-01-156-7584	20. M855 5.56 MILLIMETER LINKED CARTRIDGE, RIFLE, PERSONNEL -BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A064 (NAVY) 1305-01-252-0153	21. M855/M856 5.56 MILLIMETER LINKED CARTRIDGE, RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A071 (NAVY) 1305-01-255-6276	22. CARTRIDGE, 5.56 MM, BALL, M193, 10 RD CLIP, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A075 (NAVY) 1305-01-155-5464	23. M200 5.56 MILLIMETER BLANK CARTRIDGE, RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT

DoDIC	I. NOMENCLATURE	PLATFORM	HERO CLASS
A075 (NAVY) 1305-01-174-9278	24. M200 5.56 MILLIMETER BLANK CARTRIDGE, RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A075 (NAVY) 1305-01-258-8694	25. M200 5.56 MILLIMETER BLANK CARTRIDGE, RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A080 (NAVY) 1305-00-005-8005	26. CARTRIDGE, 5.56 MM, BLANK, XM200 OR M200 SERIES, SINGLE ROUND , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A080 (NAVY) 1305-00-182-3217	27. CARTRIDGE, 5.56 MM, BLANK, XM200 OR M200 SERIES, SINGLE ROUND , M242 CHAIN GUN LAUNCHER, TESTED APPLICATION	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A091 (NAVY) 1305-01-255-9109	28. .22 CALIBER CARTRIDGE (A019), RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A091 (NAVY) 1305-00-049-5398	29. .22 CALIBER CARTRIDGE (A091), RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A091 (NAVY) 1305-00-810-8249	30. .22 CALIBER CARTRIDGE (A091), RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A102 (NAVY) 1305-00-182-3125	31. CARTRIDGE, 7.62 MM BALL INTERMEDIATE DESIGNED F/AK47 RIFLE NSN 1305-00-182-3096 P/N 11731648, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A111 (NAVY) 1305-01-181-1750	32. CARTRIDGE, 7.62 MM, BLANK M82, NATO, LINKED FOR M60 MG , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A111 (NAVY) 1305-00-752-8087	33. CARTRIDGE, 7.62 MM, BLANK M82, NATO, LINKED FOR M60 MG. PACKAGED 100 ROUNDS PER BELT M13, 1 BELT PER CARTON, 1 CARTON PER BAND T4, 2 BANDS PER M19A1 METAL BOX, 4 M19A1 BOXES PER WIREBOUND BOX , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A112 (NAVY) 1305-00-008-8894	34. CARTRIDGE, 7.62 MM, BLANK, M82, SINGLE RD NSN 1305-00-008-8894 P/N 8597283 DELETED 4/01 NSN 1305-00-882-5677 P/N 8597283 NSN 1305-00-990-5594 P/N 10523082 OR 8597283, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A130 (NAVY) 1305-00-147-2989	35. CARTRIDGE, 7.62 MILLIMETER BALL, M80, PKG 5-RD/CLIP, 12 CLIPS 60-RD/M2 BNDLR, 7 BNDLRS 420-RD AND 1 MAGAZINE FILLER/M2A1 MTL BX, 2 BXS 840-RD AND 2 MAGAZINE FILLERS/P WDN BX, 48 BOXES/WOODEN PALLET, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A130 (NAVY) 1305-00-752-8837	36. CARTRIDGE, 7.62 MILLIMETER BALL, M80, PKG. 5/CLIP, 12 CLIP/ BNDLR M2, 7 BNDLR AND 1 MAGAZINE FILLER/MTL BX M2A1, 2 BX, 840 CTG AND 2 MGZN FILLER/WRBND BX. GRADE R, 48BOXES/WOODEN PALLET, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A130 (NAVY) 1305-00-914-4675	37. CARTRIDGE, 7.62 MILLIMETER BALL, M80, GRADE-MEAN RADIUS 5 IN. MAX. PKG. 5/CLIP, 12 CLIP/BAND M2, 7 BAND W/MAGAZINE FILLER/MTL BX M2A1, 2 BX 840 CTG/WRBND BX, 48 BOXES/WOODEN PALLET, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
A130 (NAVY) 1305-01-569-2891	38. CARTRIDGE, 7.62 MILLIMETER, M80 BALL W/FLASH SUPPRESSED PROPELLANT, IN CARTON & AMP; CLIP, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A131 (NAVY) 1305-01-569-2912	39. CARTRIDGE, 7.62 MM, 4 BALL M80 AND 1 TRACER M62, LINKED, F/M60, MK 43, MK 48, AND M240 SERIES WEAPONS, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A131 (NAVY) 1305-00-892-2150	40. 7.62 MILLIMETER CARTRIDGE (A131), ALL LAUNCHERS, ALL PLATFORMS	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A135 (NAVY) 1305-00-542-1272	41. DUMMY CARTRIDGE, 7.62 MM, M63, SINGLE RD, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A136 (NAVY) 1305-00-064-2896	42. M118/XM118 7.62 MM BALL CARTRIDGE, RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A143 (NAVY) 1305-00-892-2330	43. CARTRIDGE, 7.62 MM, BALL M80 LINKED F/M60 AND M73 MG, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A143 (NAVY) 1305-01-569-2917	44. CARTRIDGE, 7.62 MM, BALL M80 LINKED F/M60, MK 43, MK 48 AND M240 WEAPONS, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A146 (NAVY) 1305-00-892-2335	45. CARTRIDGE, 7.62 MILLIMETER TRACER, LINKED, M62, F/M60/M219 MGS, PKG100/BELT M13, 1BELT/CNTR, 1CTN/BAND, 2 BAND/MTL BX M19 SERIES, 4 BX 800 CTG/WDN BX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A151 (NAVY) 1305-00-889-2169	46. CARTRIDGE, 7.62 MILLIMETER LINKED, 4-BALL M80, 1 TRACER M62, F/MG M60 AMMO FOR OVERHEAD FIRE PKG 100-RDS M13 BELT PER CTN/BANDOLEER, 2 BANDOLEERS 200-RDS M19A1 MTL BX, 4 BXS 800-RDS PER WRBND BX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A159 (NAVY) 1305-00-926-4009	47. DUMMY CARTRIDGE, 7.62 MM, M172, LINKED W/M13 LINK, F/MG M60, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A222 (NAVY) 1305-00-047-3871	48. CARTRIDGE, CALIBER .30, BLANK M1909. PKGD 20/CTN, 31 CTN/M2A1 MTL BX, 2 M2A1 MTL BX/ (1240 CTG)/WRBND BX, 48 WRBND BX (59520 CTG)/WDN PLT.	COMPONENT [COMPONENT]	NO REQUIREMENT
A246 (NAVY) 1305-00-565-2636	49. CARTRIDGE, CALIBER .30 MATCH, M72/T291. PKG.20/CTN, 20 CTN/MTL BX M2A1, 2 BX, 800 CTG/WRBND CRATE, 48 BOXES/WOODEN PALLET	COMPONENT [COMPONENT]	NO REQUIREMENT
A260 (NAVY) 1305-01-333-3929	50. CARTRIDGE, 9 MM, SUBSONIC, JACKETED HOLLOW POINT, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A260 (NAVY) 1305-01-357-8488	51. 9 MILLIMETER CARTRIDGE (A260), ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A357 (LSN)	52. 357 SIG JHP	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A358 (NAVY) 1305-01-214-8684	53. M939 9 MM PRACTICE CARTRIDGE, M287 PRACTICE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [M287 PRACTICE LAUNCHER]	NO REQUIREMENT
A358 (NAVY) 1305-01-307-5536	54. M939 9 MM TARGET PRACTICE-TRACER CARTRIDGE, M287 PRACTICE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [M287 PRACTICE LAUNCHER]	NO REQUIREMENT

DoDIC	I. NOMENCLATURE	PLATFORM	HERO CLASS
A359 (NAVY) 1305-01-206-8351	55. DUMMY CARTRIDGE, 9 MM, M917, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A363 (NAVY) 1305-01-467-5408	56. CARTRIDGE, 9 MM BALL, M882 , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A363 (NAVY) 1305-01-172-9558	57. CARTRIDGE, 9 MM BALL, M882. PACKAGED 50 PER CARDBOARD BOX, 20 BOXES PER M2A1 METAL BOX, 2 M2A1 BOXES PER WIREBOUND BOX , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A400 (NAVY) 1305-00-028-6629	58. CARTRIDGE, CAL .38, SPECIAL, BALL M41 , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A400 (NAVY) 1305-00-322-6391	59. .38 CALIBER CARTRIDGE (A400), ALL LAUNCHERS, ALL LAUNCHERS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A407 (NAVY) 1305-01-018-1536	60. CARTRIDGE, CALIBER.38 SPECIAL MATCH MIDRANGE WADCUTTER LEAD ALLOY 1.8 INCH AT 50 YARDS F/.38 SMITH AND WESSON MODEL 52 AUTOLOAD MATCH PISTOL COMMERCIAL PACKED 50 RDS/BX , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A413 (NAVY) 1305-01-262-5008	61. CARTRIDGE, CALIBER .38 SPECIAL PLUS P RD, 1005 FPS MUZZLE VELOCITY 158 GRAIN LEAD SEMI-WADCUTTER HOLLOW POINT (LSWCHP) BALL F/NAVAL INVESTIGATIVE SERVICE USE , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A415 (NAVY) 1305-00-068-2006	62. CARTRIDGE, CAL .380 OR 9 MM SHORT, BALL, F/SEMI AUTOMATIC PISTOL, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	COMPONENT [COMPONENT]	NO REQUIREMENT
A415 (NAVY) 1305-00-344-2404	63. CARTRIDGE,CALIBER .380,BALL,95 GRAIN BULLET,9 MILLIMETER SHORT,PACKAGE 50 CARTRIDGES PER CONTAINER,40 CONTAINERS (2000 CARTRIDGES) PER METAL LINED WOODEN BOX	COMPONENT [COMPONENT]	NO REQUIREMENT
A475 (NAVY) 1305-00-028-6613	64. .45 CALIBER CARTRIDGE (A475) , ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A475 (NAVY) 1305-00-555-1225	65. .45 CALIBER CARTRIDGE (A475) , ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A475 (NAVY) 1305-00-028-6616	66. .45 CALIBER CARTRIDGE (A475) , ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A475 (NAVY) 1305-00-028-6619	67. .45 CALIBER CARTRIDGE (A475) , ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A475 (NAVY) 1305-00-301-1683	68. .45 CALIBER CARTRIDGE (A475) , ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A475 (NAVY) 1305-00-301-1685	69. .45 CALIBER CARTRIDGE (A475) , ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A475 (NAVY) 1305-00-540-9227	70. .45 CALIBER CARTRIDGE (A475) , ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A475 (NAVY) 1305-00-555-7077	71. .45 CALIBER CARTRIDGE (A475) , ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A482 (NAVY) 1305-00-540-7862	72. CARTRIDGE, CAL .45, AUTOMATIC, BALL, 185 GRAIN, WADCUTTER, MATCH GRADE , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A482 (NAVY) 1305-00-752-7910	73. CARTRIDGE, CAL .45, AUTOMATIC, BALL, 185 GRAIN, WADCUTTER, MATCH GRADE , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	I. NOMENCLATURE	PLATFORM	HERO CLASS
A482 (NAVY) 1305-00-892-4230	74. CARTRIDGE, CAL .45, AUTOMATIC, BALL, 185 GRAIN, WADCUTTER, MATCH GRADE , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A483 (NAVY) 1305-00-892-2526	75. CAL .45 BALL CARTRIDGE, M1911 PISTOL, PERSONNEL-BORNE	PERSONNEL-BORNE [PISTOL]	NO REQUIREMENT
A483 (NAVY) 1305-00-052-7459	76. CAL .45 BALL CARTRIDGE, M1911 PISTOL, PERSONNEL-BORNE	PERSONNEL-BORNE [PISTOL]	NO REQUIREMENT
A501 (NAVY) 1305-00-028-6641	77. DUMMY CARTRIDGE, CAL .45, M1921 NSN 1305-00-028-6639 P/N 6006253 2T COG NSN 1305-00-028-6641 P/N 7691565 0T/2T COG, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	COMPONENT [COMPONENT]	NO REQUIREMENT
A501 (NAVY) 1305-00-028-6639	78. DUMMY CARTRIDGE,CALIBER .45,M1921,PACKAGE 20 CARTRIDGES PER CONTAINER,100 CONTAINERS (2000 CARTRIDGES) PER METAL LINED WOODEN BOX	COMPONENT [COMPONENT]	NO REQUIREMENT
A501 (NAVY) 1305-00-028-6641	79. DUMMY CARTRIDGE,CALIBER .45,M1921. PKG'D 50 PER CNTR,12 CNTRS (600 CTG) PER M5 CAN,2 M5 CANS (1200 CTG) PER M3 WDN BX	COMPONENT [COMPONENT]	NO REQUIREMENT
A501 (NAVY) 1305-00-516-5234	80. DUMMY CARTRIDGE,CALIBER .45,M1921,SINGLE ROUND F/M1911 PISTOL. PKG'D 50 PER CNTR,20 CNTRS (1000 CTG) PER MTL BX,2 MTL BX (2000 CTG) PER WIREBOUND BOX	COMPONENT [COMPONENT]	NO REQUIREMENT
A552 (NAVY) 1305-00-585-5191	81. M33 CAL .50 BALL CARTRIDGE, RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A552 (NAVY) 1305-00-028-6333	82. M2 CAL .50 BALL CARTRIDGE, RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A552 (NAVY) 1305-00-028-6337	83. M2 CAL .50 BALL CARTRIDGE, RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A552 (NAVY) 1305-00-093-3036	84. M2 CAL .50 BALL CARTRIDGE, RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A552 (NAVY) 1305-00-585-5191	85. M33 CAL .50 BALL CARTRIDGE, RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
A555 (NAVY) 1305-00-028-6574	86. CARTRIDGE CAL .50 BALL M33, LINKED W/M2 OR M9 LINKS, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A560 (NAVY) 1305-00-028-6382	87. DUMMY CARTRIDGE, CAL .50, SINGLE RD. PKGD 10 PER CARTON, 35 CARTONS PER METAL-LINED WOODEN BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A560 (NAVY) 1305-00-028-6383	88. DUMMY CARTRIDGE, CAL .50, SINGLE RD. PKGD 10 PER WAXED CARTON, 35 CARTONS PER METAL-LINED WOODEN BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A560 (NAVY) 1305-00-028-6384	89. DUMMY CARTRIDGE, CAL .50, SINGLE RD. PKGD 10 PER CARTON, 35 CARTONS PER METAL CONTAINER, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A560 (NAVY) 1305-00-028-6381	90. DUMMY CARTRIDGE,CALIBER .50,M2. PKG'D 10 PER CRTN,35 CRTNS (350 CTGS) PER M1917 WDN BX W/O MTL LINER	COMPONENT [COMPONENT]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
A576 (NAVY) 1305-00-028-6466	91. CARTRIDGE,CALIBER .50,LINKED,4 M8 ARMOR PIERCING INCENDIARY,1 M20 ARMOR PIERCING INCENDIARY TRACER, W/DETERIORATED TRACER ELEMENT,105 CARTRIDGES PER M9 BELT,1BELT PER M2 METAL BOX,2 M2 BOXES	COMPONENT [COMPONENT]	NO REQUIREMENT
A576 (NAVY) 1305-00-028-6603	92. CARTRIDGE,CALIBER .50,LINKED,4 API,M8, 1 API-T,M20,GRADE AC. 100/BELT,1 BELT/MTL BX,M2A1,2 MTL BX,200 CTG PER WRBND BX	COMPONENT [COMPONENT]	NO REQUIREMENT
A598 (NAVY) 1305-01-078-4879	93. CARTRIDGE, CAL .50 BLANK, M1A1, LINKED W/M9 LINKS NSN 1305-01-078-4879 P/N 9329735, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A606 (NAVY) 1305-01-250-8162	94. CARTRIDGE, CALIBER .50 MK 211 MOD 0, API, SINGLE ROUNDS FOR SNIPER RIFLE , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A940 (NAVY) 1305-01-426-4359	95. CARTRIDGE, 25 MM TPDS-T, M910, LINKED FOR THE M242 MACHINE GUN , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A940 (NAVY) 1305-01-286-5185	96. CARTRIDGE, 25 MM TPDS-T, M910 FOR M242 MACHINE GUN. 1 30 ROUND BELT PER PA125 METAL CONTAINER., ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
A976 (NAVY) 1305-01-092-0429	97. 25 MILLIMETER CARTRIDGE, M242 CHAIN GUN, EXPEDITIONARY FIGHTING VEHICLE	EXPEDITIONARY FIGHTING VEHICLE [M242 CHAIN GUN]	NO REQUIREMENT
A976 (NAVY) 1305-01-095-0248	98. 25 MILLIMETER CARTRIDGE, M242 CHAIN GUN, EXPEDITIONARY FIGHTING VEHICLE	EXPEDITIONARY FIGHTING VEHICLE [M242 CHAIN GUN]	NO REQUIREMENT
A976 (NAVY) 1305-01-212-5066	99. 25 MILLIMETER CARTRIDGE, M242 CHAIN GUN, EXPEDITIONARY FIGHTING VEHICLE	EXPEDITIONARY FIGHTING VEHICLE [M242 CHAIN GUN]	NO REQUIREMENT
A976 (NAVY) 1305-01-380-5862	100. 25 MILLIMETER CARTRIDGE, M242 CHAIN GUN, EXPEDITIONARY FIGHTING VEHICLE	EXPEDITIONARY FIGHTING VEHICLE [M242 CHAIN GUN]	NO REQUIREMENT
A976 (NAVY) 1305-01-400-3115	101. 25 MILLIMETER CARTRIDGE, M242 CHAIN GUN, EXPEDITIONARY FIGHTING VEHICLE	EXPEDITIONARY FIGHTING VEHICLE [M242 CHAIN GUN]	NO REQUIREMENT
AA11 (NAVY) 1305-01-419-8202	102. CARTRIDGE, 7.62 MM, M118 LONG RANGE, SPECIAL BALL , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA12 (NAVY) 1305-01-424-2410	103. CARTRIDGE, 9 MM, FX MARKING, RED (0T AND 2T COG) , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA12 (NAVY) 1305-01-439-9717	104. CARTRIDGE, 9 MM, FX MARKING, RED (0T AND 2T COG) , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA21 (NAVY) 1305-01-449-4254	105. CARTRIDGE, 9 MM, FX MARKING, BLUE , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA22 (NAVY) 1305-01-451-8675	106. CARTRIDGE, 20MM, SAPHEI, PGU-28A/B, PKGD 250 RDS/M548 (BULK PACK) CONTAINER FOR AUTOMATIC CANNON M61A1, M61A2, M197 AND XM301. PALLETIZED M548 PALLET, MIL-STD-1323-294A. , M61A1/A2 AIRCRAFT GUN LAUNCHER, ALL FIXED WING	ALL FIXED WING [M61A1/A2 AIRCRAFT GUN]	SUSCEPTIBLE

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
AA22 (NAVY) 1305-01-451-8675	107. CARTRIDGE, 20MM, SAPHEI, PGU-28A/B, PKGD 250 RDS/M548 (BULK PACK) CONTAINER FOR AUTOMATIC CANNON M61A1, M61A2, M197 AND XM301. PALLETIZED M548 PALLET, MIL-STD-1323-294A. , LOOSE AND BARE ROUND LAUNCHER, NOT APPLICABLE	COMPONENT [LOOSE AND BARE ROUND]	SUSCEPTIBLE
AA29 (NAVY) 1305-01-454-0191	108. CARTRIDGE, 12 GAUGE, BEAN BAG, NON-LETHAL , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA30 (NAVY) 1305-01-454-0187	109. CARTRIDGE, 12 GAUGE LAUNCHER, F/GRENADE NON-LETHAL , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA30 (NAVY) 1305-01-464-8389	110. CARTRIDGE, 12 GAUGE LAUNCHER, F/GRENADE NON-LETHAL, 12 GAUGE SHOTGUN LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
AA30 (NAVY) 1305-01-504-3529	111. CARTRIDGE, 12 GAUGE LAUNCHER, F/GRENADE NON-LETHAL , 12 GAUGE SHOTGUN LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
AA40 (NAVY) 1305-01-463-8232	112. 5.56 MILLIMETER CARTRIDGE (AA40, 1305-01-463-8232), ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA40 (NAVY) 1305-01-492-8545	113. MK 311 MOD 0 5.56 MILLIMETER CARTRIDGE (AA40, 1305-01-492-8545), ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA40 (NAVY) 1305-01-561-2620	114. MK 311 MOD 1 5.56 MILLIMETER CARTRIDGE (AA40, 1305-01-561-2620), ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA40 (NAVY) 1305-01-600-0670	115. MK 311 MOD 2 5.56 MILLIMETER CARTRIDGE (AA40, 1305-01-600-0670), ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA40 (NAVY) 1305-01-644-3649	116. MK 311 MOD 0 5.56 MILLIMETER CARTRIDGE (AA40, 1305-01-644-3649), ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA51 (NAVY) 1305-01-470-2405	117. CARTRIDGE, 12 GAUGE, SHOTGUN, NON-LETHAL, POINT CONTROL, M1012 PACKAGED 160 EA PER M2A1 CAN, 2 EA M2A1 CANS PER WIREBOUND BOX, 48 EA WIREBOUND BOXES PER WOODEN PALLET., ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA51 (NAVY) 1305-01-470-2405	118. CARTRIDGE, 12 GAUGE, SHOTGUN, 12 GAUGE SHOTGUN LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
AA52 (NAVY) 1305-01-470-2139	119. CTG, 12 GA. SHOTGUN, N-L, CROWD DISPERSAL, M1013, PKGD 5 RDS/CTN, 32 CTNS PER M2A1 MTL CNTR (160), 2 M2A1 MTL CNTRS (320) PER WRBND BX, 48 WRBND BXS (15360) PER 40X48 WDN PALLET	COMPONENT [COMPONENT]	NO REQUIREMENT
AA53 (NAVY) 1305-01-497-9996	120. CARTRIDGE, 5.56 MM SPECIAL BALL, LONG RANGE MK 262 MOD 0, MILITARY PACK. PACKAGED 20 CTG/CARTON 41 CARTONS/M2A1 AMMO BOX, 2 M2A1 AMMO BOXES/WIREBOUND BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA53 (NAVY) 1305-01-474-3856	121. CARTRIDGE, 5.56 MM SPECIAL MATCH. PKGD 50 RDS PER PLASTIC TRAY, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
AA53 (NAVY) 1305-01-507-7511	122. CARTRIDGE, 5.56 MM SPECIAL BALL, LONG RANGE, MK 262 MOD 1 CANNELURED PROJECTILE, MILITARY PACK. PKGD 20 CTGS/CARTON, 41 CARTONS/M2A1 AMMO BOX, 2 M2A1 AMMO BOXES/WIREBOUND BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA54 (NAVY) 1305-01-475-7440	123. CARTRIDGE, 12 GAUGE, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA55 (NAVY) 1305-01-380-3255	124. MK 242 MOD 0 CARTRIDGE, 12 GAUGE SHOTGUN, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
AA62 (NAVY) 1385-01-486-3717	125. CARTRIDGE, EOD, 12 GAUGE, MK 274 MOD 0, ULTRA VELOCITY SLUG, CONSISTING OF LEAD BASED PROJECTILE IN BRASS AND PLASTIC CARTRIDGE CASE W/CENTERFIRE PRIMER AND 140 GRAINS OF PROPELLANT. USED IN IMPROVISED EXPLOSIVE DEVICE (IED)STANDOFF DISRUPTER. PACKAGED 75 CTG PER M2A1 AMMUNITION CONTAINER , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA63 (NAVY) 1385-01-486-3731	126. CTG, EOD, 12 GAUGE, MK 275 MOD 0. DISINTEGRATING PROJ.(AVON), CONSISTING OF FRANGIBLE PLASTER & STEEL SHOT PROJ.LOADED IN A BRASS & PLASTIC CTG CASE W/CENTERFIRE PERCUSSION PRIMER & 65 GRAINS OF PROPELLANT USED IN IM PROVED EXP. DEVICE (IED)STANDOFF DISRUPTER. PKG 75 CTG PER M2A1 AMMO CNTR, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA64 (NAVY) 1385-01-486-3732	127. CARTRIDGE, 12 GAUGE MK 276 MOD 0. LOW VELOCITY BLANK, CONSISTING OF A BRASS AND PLASTIC CTG CASE W/CENTERFIRE PERCUSSION PRIMER AND 20 GRAINS OF PROPELLANT. USED IN IMPROVISED EXPLOSIVE DEVICE(IED)STANDOFF DISRUPTER PKG 160 CTG PER M2A1 AMMUNITION CONTAINER. , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AA66 (NAVY) 1385-01-488-7608	128. CARTRIDGE, 12 GAUGE, MK 278 MOD 0 (BLACK POWDER BLANK). USED IN IMPROVISED EXPLOSIVE DEVICE (IED) STANDOFF DISRUPTOR. 160 CARTRIDGES PER M2A1 AMMO CONTAINER. , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AB39 (NAVY) 1305-01-567-6944	129. CARTRIDGE, 7.62 MM SPECIAL BALL, LONG RANGE. PACKAGED 460 PER M2A1 METAL BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AB49 (NAVY) 1305-01-573-2229	130. CTG., 5.56 MM BALL, CARBINE, BARRIER MK 318 MOD 0, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
AX11 (NAVY) 1305-01-157-2460	131. MK 217 MOD 0 SMAW SPOTTING CARTRIDGE, MK 153 SMAW, PERSONNEL-BORNE	PERSONNEL-BORNE [MK 153 SHOULDER-LAUNCHED MULTIPURPOSE ASSAULT WEAPON (SMAW)]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
AX14 (NAVY) 1390-01-466-9197	132. PRIMER, PERCUSSION, 12 GAUGE, SHOTGUN, BATTERY CUP , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B099 (NAVY) 1305-00-416-5801	133. CARTRIDGE, 30 MM DUMMY, PGU-16 SERIES PKGD 36 CTGS PER M548 AMMO CAN, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B472 (NAVY) 1310-01-154-6525	134. DUMMY CARTRIDGE, 40 MM, M385, W/M169 CARTRIDGE CASE , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B472 (NAVY) 1310-01-369-4705	135. DUMMY CARTRIDGE, 40 MM, M385, W/M169 CARTRIDGE CASE , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B472 (NAVY) 1310-00-472-5406	136. 40 MILLIMETER DUMMY CARTRIDGE (B472), ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B504 (NAVY) 1310-00-541-6148	137. M661 40 MM GREEN STAR PARACHUTE CARTRIDGE, M203 GRENADE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [M203 GRENADE LAUNCHER]	NO REQUIREMENT
B508 (NAVY) 1310-00-541-6152	138. M715 40 MM GREEN SMOKE GROUND MARKER CARTRIDGE WITH M733 IMPACT FUZE, M203 GRENADE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [M203 GRENADE LAUNCHER]	NO REQUIREMENT
B509 (NAVY) 1310-00-541-6153	139. M716 40 MM YELLOW SMOKE GROUND MARKER CARTRIDGE WITH M733 IMPACT FUZE, M203 GRENADE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [M203 GRENADE LAUNCHER]	NO REQUIREMENT
B519 (NAVY) 1310-01-211-8073	140. CARTRIDGE, 40 MM, PRACTICE, M781, SINGLE RD, PLASTIC CARTRIDGE CASE, YELLOW DYE FILLER, W/O TRACER, F/M79 AND M203 LAUNCHER , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B535 (NAVY) 1310-00-159-3198	141. CARTRIDGE, 40 MM, FIXED WHITE STAR PARACHUTE, XM583	COMPONENT [COMPONENT]	NO REQUIREMENT
B535 (NAVY) 1310-00-922-9780	142. CARTRIDGE,40 MILLIMETER, WHITE STAR PARACHUTE,M583,F/GRENADE LAUNCHER M79. PACKAGE 22 PER BOX,2 BOX (44 ROUND) PER WIREBOUND BOX,48 WRBND BX (2112 RND) PER WOOD PALLET	COMPONENT [COMPONENT]	NO REQUIREMENT
B536 (NAVY) 1310-00-922-9784	143. CARTRIDGE, 40 MILLIMETER WHITE STAR, CLUSTER XM585, XM585E1 F/GRENADE LAUNCHER M79 PKD 1/FBR TUBE, 22 TUBE/MTL BX M2A1 2 BX, 44 CTG/WRBND BX , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B542 (NAVY) 1310-01-159-8043	144. 40 MILLIMETER CARTRIDGE, ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B542 (NAVY) 1310-01-319-1541	145. 40 MILLIMETER CARTRIDGE, ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B542 (NAVY) 1310-01-354-8745	146. 40 MILLIMETER CARTRIDGE, ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B542 (NAVY) 1310-01-362-5295	147. 40 MILLIMETER CARTRIDGE, ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B542 (NAVY) 1310-01-419-8203	148. 40 MILLIMETER CARTRIDGE, ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B542 (NAVY) 1310-01-564-2160	149. 40 MILLIMETER CARTRIDGE, ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B542 (NAVY) 1310-01-567-5540	150. 40 MILLIMETER CARTRIDGE, ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
B546 (NAVY) 1310-00-992-0451	151. CARTRIDGE, 40 MM, FIXED, HEDP, XM433E1, W/FUZE PIBD XM550E1, F/GRENADE LAUNCHER M79/M203, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B550 (NAVY) 1310-00-866-9744	152. CARTRIDGE, 40 MM BLANK SALUTING, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B643 (NAVY) 1310-01-149-3185	153. M888 60 MM HIGH EXPLOSIVE CARTRIDGE WITH M935 POINT DETONATION FUZE, M224 60 MM MORTAR, LAND-BASED	LAND-BASED [M224 60 MM MORTAR]	NO REQUIREMENT
B646 (NAVY) 1310-01-236-1354	154. CARTRIDGE, 60 MM, SMOKE, WP, XM722, W/FZ XM745 PD, PROP CHG, IGN CHG AND FIN ASSY , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B647 (NAVY) 1310-01-581-4232	155. CARTRIDGE, 60 MM, ILLUMINATING, W/FZ MTSQ M776, FIN ASSY, F/MORTAR M224, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
B647 (NAVY) 1310-01-258-8689	156. CARTRIDGE, 60 MM, ILLUMINATING, W/FZ MTSQ M776, FIN ASSY, F/MORTAR M224, M224 60 MM MORTAR LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [M224 60 MM MORTAR]	NO REQUIREMENT
BA03 (NAVY) 1310-01-422-1048	157. CARTRIDGE, 40 MM, INFRARED ILLUMINANT, XM992 FOR M203 GRENADE LAUNCHER PKGD 22 CTGS PER M2A1 AMMO BOX, 2 M2A1 AMMO BOXES PER WOODEN BOX. (NO US NAVY SHIPBOARD TRANSPORT), M203 GRENADE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [M203 GRENADE LAUNCHER]	NO REQUIREMENT
BA06 (NAVY) 1310-01-452-1190	158. CARTRIDGE, 40 MM SPONGE, NON-LETHAL, M79 40MM GRENADE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [M79 40MM GRENADE LAUNCHER]	NO REQUIREMENT
BA07 (NAVY) 1310-01-453-9168	159. CARTRIDGE, 40 MM, NON-LETHAL FOAM RUBBER BATON, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
BA07 (NAVY) 1310-01-500-7532	160. CARTRIDGE, 40 MM, NON-LETHAL FOAM RUBBER BATON, PERSONNEL-BORNE LAUNCHER, TESTED APPLICATION	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
BA08 (NAVY) 1310-01-453-9154	161. CARTRIDGE, 40 MM, NON-LETHAL, RUBBER BALL, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
BA08 (NAVY) 1310-01-500-7529	162. CARTRIDGE, 40 MM, NON-LETHAL, RUBBER BALL, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
BA13 (NAVY) 1310-01-475-0628	163. CTG, 40MM N-L, CROWD DISPERSAL, M1029, PKGD 1 CTG/TUBE PER M2A1 MTL CNTR, 2 M2A1MTL CNTRS PER WRBND BX, 48 WRBND WDN BXS PER 40X48 WDN PALLET	COMPONENT [COMPONENT]	NO REQUIREMENT
BA14 (NAVY) 1310-01-482-1259	164. M722A1 60 MM MORTAR CARTRIDGE, M224 60 MM MORTAR, PERSONNEL-BORNE	PERSONNEL-BORNE [M224 60 MM MORTAR]	SAFE
BA14 (NAVY) 1310-01-581-4251	165. M722A1 60 MM MORTAR CARTRIDGE, M224 60 MM MORTAR, PERSONNEL-BORNE	PERSONNEL-BORNE [M224 60 MM MORTAR]	SAFE
BA15 (NAVY) 1310-01-482-1257	166. CARTRIDGE, 60 MM, FULL RANGE PRACTICE, XM769, W/FUZE M775, M224 60 MM MORTAR LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [M224 60 MM MORTAR]	NO REQUIREMENT
BA16 (NAVY) 1310-01-418-4362	167. M720A1 60 MM CARTRIDGE W/M734A1 FUZE, M224 60 MM MORTAR, PERSONNEL-BORNE	LAND-BASED [M224 60 MM MORTAR]	SAFE

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
BA21 (NAVY) 1310-01-530-8878	168. CTG., 40 MM PRACTICE, DAY/NIGHT MARKING MK 281 MOD 1 LINKED 32 ROUNDS PER PA120 METAL CONTAINER. 48 METAL CONTAINERS/1536 ROUNDS PER WOODEN PALLET. CONTAINS FLAME ORANGE T4 OMNIGLOW DYE FOR NIGHT MARKING, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
BA21 (NAVY) 1310-01-586-9864	169. CTG., 40 MM PRACTICE, DAY/NIGHT MARKING MK 281 MOD 3 LINKED 32 ROUNDS PER PA120 METAL CONTAINER. 48 METAL CONTAINERS PER WOODEN PALLET, M203 GRENADE LAUNCHER , TO BE SPECIFIED	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
BA26 (NAVY) 1310-01-534-8945	170. CTG., 40 MM WARNING (300 METER), MK 299 MOD 0, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
BA35 (NAVY) 1310-01-565-1392	171. CARTRIDGE, 40MM PRACTICE GRENADE, DAY/NIGHT, M1110, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
BDC2 (LSN)	172. BDC RESPONSE KIT #2	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
BDC3 (LSN)	173. BDC RESPONSE KIT #3	ALL PLATFORMS [ALL LAUNCHERS]	NE REQUIREMENT
BDC4 (LSN)	174. BDC SALT CHARGE KIT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
C025 (NAVY) 1315-01-307-3944	175. CARTRIDGE, 75 MILLIMETER BLANK, 1 LB CHARGE W/M337A1 BRASS CARTRIDGE CASE.PKD 1 RD/FBR CNTR/15 CNTRS PER WOODEN BOX , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
C440 (NAVY) 1315-00-028-5033	176. CARTRIDGE, 105 MILLIMETER BLANK M395, F/HWTZR M2A1, M2A2, M4, M4A1, M49 PKG 1/FBR CNTR M34, 10 CNTR, 10 CTG/WDN BX. , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
C484 (NAVY) 1315-01-379-1026	177. CARTRIDGE, 81 MILLIMETER INFRARED ILLUMINATING XM816, W/FUZE MTSQ M772, M219 PROPELLING CHARGE FOR MORTAR M252. PKGD. 1 CARTRIDGE PER FIBER CONTAINER, 3 FIBER CONTAINERS PER PA157 METAL BOX AND 21 BOXES (63 ROUNDS) PER WOODEN PALLET., M252 81 MM MORTAR LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [M252 81 MM MORTAR]	NO REQUIREMENT
C868 (NAVY) 1315-01-418-4361	178. M821A1E1 81 MM MORTAR CARTRIDGE, M252 81 MM MORTAR, PERSONNEL-BORNE	PERSONNEL-BORNE [M252 81 MM MORTAR]	SAFE
C869 (NAVY) 1315-01-158-8200	179. 81 MILLIMETER CARTRIDGE (C869), M252 81MM MORTAR, LAND-BASED	LAND-BASED [M252 81 MM MORTAR]	NO REQUIREMENT
C869 (NAVY) 1315-01-353-7619	180. 81 MILLIMETER CARTRIDGE (C869), M252 81MM MORTAR, LAND-BASED	LAND-BASED [M252 81 MM MORTAR]	NO REQUIREMENT
C870 (NAVY) 1315-01-199-8688	181. CARTRIDGE, 81 MM, SMOKE, RP, M819, W/FZ MTSQ M772, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
C870 (NAVY) 1315-01-353-7620	182. CARTRIDGE, 81 MM, SMOKE, RP, M819, W/FZ MTSQ M772, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
C870 (NAVY) 1315-01-578-7965	183. CARTRIDGE, 81 MM, SMOKE, RP, M819, W/FZ MTSQ M772 W/GAS ABSORBANT MODULES, 81 MM M1 OR M29 LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [M29 81MM]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
C871 (NAVY) 1315-01-353-7617	184. CARTRIDGE, 81 MM, ILLUMINATING, M853, W/FZ TIME M768 OR FUZE M772, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
C871 (NAVY) 1315-01-289-9789	185. 81 MILLIMETER CARTRIDGE (C871), M252 81MM MORTAR, LAND-BASED	LAND-BASED [M252 81 MM MORTAR]	NO REQUIREMENT
C871 (NAVY) 1315-01-580-6093	186. 81 MILLIMETER CARTRIDGE (C871), M252 81MM MORTAR, LAND-BASED	LAND-BASED [M252 81 MM MORTAR]	NO REQUIREMENT
C875 (NAVY) 1315-01-539-6966	187. CTG, 81MM, FULL RANGE, PRACTICE, M879, W/FUZE, PD, PRACTICE M751, PKGD 1 CTG PER PA149 OR PA163 FBR CNTR, 3 FBR CTGS PER WDN WRBND BXS PER 40 X 80 WDN PALLET, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
C875 (NAVY) 1315-01-537-7915	188. 81MM PRACTICE CARTRIDGE (C875), ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
C875 (NAVY) 1315-01-352-0392	189. CARTRIDGE, 81 MM, PRACTICE M879, W/FUZE PD M751, WARHEAD INERT MATERIAL FILLING M220 , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
C875 (NAVY) 1315-01-354-4916	190. CARTRIDGE, 81 MM, PRACTICE M879, W/FUZE PD M751, WARHEAD INERT MATERIAL FILLING M220 , M252 81 MM MORTAR LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [M252 81 MM MORTAR]	NO REQUIREMENT
C995 (NAVY) 1315-01-486-2293	191. M136 (AT-4) 84 MILLIMETER CARTRIDGE AND LAUNCHER (NON-FFV LOTS), M136 AT-4 84MM, PERSONNEL-BORNE	PERSONNEL-BORNE [M136 AT-4 84MM]	SAFE
C995 (NAVY) 1315-01-486-2293	192. M136 (AT4) LAUNCHER AND CARTRIDGE (ALL FFV LOTS), M136 AT-4 84MM, PERSONNEL-BORNE	PERSONNEL-BORNE [M136 AT-4 84MM]	UNSAFE
CA27 (NAVY) 1315-01-492-9747	193. ROCKET, 84 MM, CARL GUSTAF FFV 441D, HE (IM) , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CID2 (LSN)	194. .40 CALIBER BALL CID EVIDENCE	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CID3 (LSN)	195. 410 GAUGE HIGH STRENGTH	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CID4 (LSN)	196. 45 COLT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CID5 (LSN)	197. 45 COLT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CID6 (LSN)	198. 410 HIGH STRENGTH	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CIV1 (LSN)	199. 45 CALIBER HOLLOW POINT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CIV2 (LSN)	200. CARTRIDGE .40CALIBER HOLLOW POINT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CIV3 (LSN)	201. .45 MM HOLLO	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CIV4 (LSN)	202. .45MM HOLLO	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CIV5 (LSN)	203. .40 CAL	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CIV6 (LSN)	204. .40 CAL	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CIV7 (LSN)	205. .45 CAL	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
CIV8 (LSN)	206. .40 CAL	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CIV9 (LSN)	207. 9MM HOLLOW POINT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
CPK1 (LSN)	208. CPO KIT 1	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
D505 (NAVY) 1320-00-935-2091	209. PROJECTILE, 155 MILLIMETER ILLUM M485A2 (M485E2), W/O BURSTER, FUZE, OR SUPPL CHG, F/HOWITZERS M1, M1A1, M45 AND CANNON M126 PKG 8/PLT , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
D529 (NAVY) 1320-01-495-3842	210. PROJECTILE, 155 MM HE, M795 W/SUPPLEMENTARY CHARGE UNITIZED 8 ROUNDS PER PALLET, BUNDLED 3 PALLETS (24 ROUNDS) PER BUNDLE, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
D529 (NAVY) 1320-01-086-0285	211. PROJECTILE, 155MM HE, M795 W/SUPPLEMENTARY CHARGE. UNITIZED 8 ROUNDS PER SKID/PALLET. BUNDLED THREE SKID/PALLETS (24 ROUNDS) PER BUNDLE. , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
D550 (NAVY) 1320-00-143-8383	212. PROJECTILE, 155 MM, SMOKE, WP, M110A2, W/O FUZE, 8 RDS PER PALLET, 3 PALLETS PER BUNDLE F/HOWITZER , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
D550 (NAVY) 1320-01-465-3955	213. PROJECTILE, 155 MM, SMOKE, WP, M110A2, W/O FUZE, 8 RDS PER PALLET, 3 PALLETS PER BUNDLE F/HOWITZER , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
DA12 (NAVY) 1320-01-454-4603	214. CHARGE, PROPELLING, M231 FOR 155 MM HOWITZER IN METAL CASE. , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
DDK1 (LSN)	215. DELIBERATE DEPLOYMENT KIT #1	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
DDK2 (LSN)	216. DELIBERATE DEPLOYMENT KIT #2	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
DEA4 (LSN)	217. GRENADES, PRAC	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
DT01 (LSN)	218. 12 GAUGE M.P.G. LAUNCH CARTRIDGE	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
DWDN (NAVY) 1375-01-477-6811	219. CHARGE, LIGHTWEIGHT DISPOSABLE DISRUPTER (LIDD) MK 171 MOD 0. PKGD 1 PER BARRIER BAG, 6 PER MK 2 MOD 0 AMMO BOX , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
DWDR (NAVY) 1375-01-480-1349	220. BLASTING AGENT, HAND LAUNCHED, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
DWEC (NAVY) 1385-01-488-8320	221. CARTRIDGE, 12 GAUGE, MK 277 MOD 0 (ENHANCED BLANK). USED IN IMPROVISED EXPLOSIVE DEVICE (IED) STANDOFF DISRUPTOR. 75 CARTRIDGES PER M2A1 AMMO CONTAINER. FOR EOD USE ONLY. , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
DWED (NAVY) 1385-01-488-8342	222. CARTRIDGE, 12 GAUGE, MK 279 MOD 0 (STEEL SLUG). USED IN IMPROVISED EXPLOSIVE DEVICE (IED) STANDOFF DISRUPTOR. 75 CARTRIDGES PER M2A1 AMMO CAN. FOR EOD USE ONLY. , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
DWEE (NAVY) 1385-01-488-8343	223. CARTRIDGE, 12 GAUGE, MK 280 MOD 0 (ALUMINUM SLUG). USED IN IMPROVISED EXPLOSIVE DEVICE (IED) STANDOFF DISRUPTOR. 75 CARTRIDGES PER M2A1 AMMO CONTAINER. FOR EOD USE ONLY, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
DWEI (NAVY) 1375-01-494-9836	224. PYROTECHNIC LEAD SPOOL, ASSEMBLY, MK 34 MOD 0 (FOR PYROTECHNIC LEAD, 1000 FT) PACKAGED 2 REELS PER CNU - 405/E AMMO BOX. , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
DWGB (NAVY) 1385-01-533-4908	225. POWDER BAG CONTAINER ASSEMBLY FOR EOD. THE EOD POWDER BBAG CONTAINER ASSEMBLY CONSISTS OF ONE POWDER BAG PACKAGED IN A PLASTIC JAR SEALED IN A BARRIER BAG. EIGHT POWDER BAG CONTAINER ASSEMBLIES PER WIREBOUND BOX. THE POWDER BAG IS USED TO POWER THE MK 42 MOD 0 EOD TOOL SET., ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
DWGB (NAVY) 1385-01-533-4908	226. POWDER BAG CONTAINER ASSEMBLY FOR EOD. THE EOD POWDER BAG CONTAINER ASSEMBLY CONSISTS OF ONE POWDER BAG PACKAGED IN A PLASTIC JAR SEALED IN A BARRIER BAG. EIGHT POWDER BAG CONTAINER ASSEMBLIES PER WIREBOUND BOX. THE POWDER BAG IS USED TO POWER THE MK 42 MOD 0 EOD TOOL SET., ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
DWGW (NAVY) 1305-01-548-6279	227. MK 308 MOD 0 CARTRIDGE (DWGW), RIFLE, PERSONNEL-BORNE	PERSONNEL-BORNE [RIFLE]	NO REQUIREMENT
DWGX (NAVY) 1305-01-550-0179	228. CARTRIDGE, .40 CALIBER MK 309 MOD 0, S&W BALL (FULL METAL JACKET) PACKAGED 650 PER M2A1 METAL AMMO CAN, 2 M2A1 AMMO CANS PER WIREBOUND BOX, TO BE SPECIFIED LAUNCHER, TO BE SPECIFIED	COMPONENT [COMPONENT]	NO REQUIREMENT
DX02 (NAVY) 1320-00-824-0811	229. CHARGE, SUPPLEMENTARY ASSEMBLY F/155MM D544, D579 PKG AS REQD , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
EU12 (LSN)	230. CAP, BLASTING ELECTRIC 12 FT, ROCKSTAR, AUSTIN POWDER COMPANY	ALL PLATFORMS [ALL LAUNCHERS]	UNSAFE
EU13 (LSN)	231. ELECTRIC BLASTING CAPS	ALL PLATFORMS [ALL LAUNCHERS]	UNSAFE
EU14 (LSN)	232. BLASTING CAP NON-ELECTRIC	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
EU16 (LSN)	233. CAP, BLASTING ELECTRIC 16 FT, ROCKSTAR AUSTIN POWDER COMPANY	ALL PLATFORMS [ALL LAUNCHERS]	UNSAFE
G811 (NAVY) 1330-00-178-8515	234. BODY, PRACTICE HAND GRENADE F/M69. PACKAGED 50 PER FIBERBOARD BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	I. NOMENCLATURE	PLATFORM	HERO CLASS
G878 (NAVY) 1330-00-168-5502	235. FUZE DELAY, M228, FOR M69 PRACTICE HAND GRENADE. PACKAGED 360 PER WIREBOUND BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
G878 (NAVY) 1330-01-567-6575	236. FUZE DELAY, M228, FOR M69 PRACTICE HAND GRENADE W/CONFIDENCE CLIP . PACKAGED 360 PER WIREBOUND BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
G881 (NAVY) 1330-00-133-8244	237. GRENADE, HAND, FRAG, M67 W/FUZE M213 W/O CONFIDENCE CLIP. PACKAGED 1 PER A415A1 FIBERBOARD CONTAINER, 30 FIBERBOARD CONTAINERS PER WOODEN BOX, 24 WOOD BOXES PER PALLET, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
G881 (NAVY) 1330-01-563-0592	238. GRENADE, HAND, FRAG, M67 W/FUZE M213 W/CONFIDENCE CLIP. PACKAGED 1 PER M415A1 FIBERBOARD CONTAINER, 30 FIBERBOARD CONTAINERS PER WOODEN BOX, 24 WOOD BOXES PER PALLET, NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
G900 (NAVY) 1330-00-219-8557	239. GRENADE, HAND, INCENDIARY, AN-M14 SERIES , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
G900 (NAVY) 1330-01-574-7607	240. GRENADE, HAND, INCENDIARY, AN-M14 SERIES , NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
G924 (NAVY) 1330-00-645-6211	241. M25A2 CSI HAND RIOT GRENADE WITH C12 FUZE, HAND LAUNCHED, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
G940 (NAVY) 1330-00-289-6851	242. GRENADE, HAND, SMOKE, GREEN, M18 SERIES (USMC), NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
G940 (NAVY) 1330-00-540-9147	243. GRENADE, HAND, SMOKE, GREEN, M18 SERIES (USN), NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
G945 (NAVY) 1330-00-289-6854	244. GRENADE, HAND, SMOKE, YELLOW, M18 SERIES , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
G945 (NAVY) 1330-00-540-9145	245. GRENADE, HAND, SMOKE, YELLOW, M18 SERIES , NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
G950 (NAVY) 1330-00-289-6852	246. GRENADE, HAND, SMOKE, RED, M18 SERIES, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
G963 (NAVY) 1330-00-128-1027	247. GRENADE, HAND, RIOT, CAPSULED CS, ABC-M7A2 OR PELLET CS, M7A3, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
G963 (NAVY) 1330-00-799-8816	248. GRENADE, HAND, RIOT, CAPSULED CS, ABC-M7A2 OR PELLET CS, M7A3, NOT APPLICABLE LAUNCHER, TO BE SPECIFIED	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
G963 (NAVY) 1330-00-965-0802	249. GRENADE, HAND, RIOT, CAPSULED CS, ABC-M7A2 OR PELLET CS, M7A3, NOT APPLICABLE LAUNCHER, TO BE SPECIFIED	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
G982 (NAVY) 1330-01-380-0287	250. GRENADE, HAND, SMOKE, TA, PRACTICE M83 W/FUZE M201A1. PACKED 1 PER FIBER CONTAINER, 16 FIBER CONTAINERS PER WOOD BOX. , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
GA05 (LSN)	251. PRACTICE GRENADE, MPG T-110, TALCUM POWDER	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
GG04 (NAVY) 1330-01-503-1036	252. M9590 GRENADE, HAND LAUNCHED, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
GG04 (NAVY) 1330-01-454-0132	253. RUBBER BALL HAND GRENADE, HAND LAUNCHED, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
GG04 (NAVY) 1330-01-611-5508	254. XM104 GRENADE, HAND LAUNCHED, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
GG20 (NAVY) 1330-01-537-9812	255. GRENADE, HAND, STUN, BTV-1 EL PACKAGED 10 PER M2A1 METAL CONTAINER 112 M2A1 CONTAINERS PER PALLET (1120 UNITS PER PALLET), ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
GQ01 (LSN)	256. GRENADE, THERMITE	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
GQ26 (LSN)	257. GRENADE, THERMITE, SMALL BLACK	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
GQ31 (LSN)	258. GRENADE, HEAT, RPG-7	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
H709 (NAVY)	259. ROCKET PRACTICE, 35 MM EMPTY SUBCALIBER M73, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
H842 (NAVY) 1340-00-725-8382	260. WARHEAD, 2.75 INCH ROCKET M151, HE LOADED, W/FUZE M427, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
HA07 (NAVY) 1340-01-424-5819	261. ROCKET MOTOR, 2.75 INCH, MK 66 MOD 4, LOADED ASSEMBLY W/PROPELLANT GRAIN MK 90 MOD 0 W/IGNITER ASSEMBLY MK 311 MOD 0, HERO SAFE, PKG 4/MK 706 MOD0 METAL CONTAINER, 80/METAL PALLET	COMPONENT [COMPONENT]	SAFE
HA21 (NAVY) 1340-01-482-5049	262. ROCKET ASSEMBLY, M72AS 21MM., ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
HA23 (NAVY) 1340-01-491-5098	263. WARHEAD, 2.75 INCH ROCKET, PRACTICE, WTU-1/B W/NOSE HEAD CAP, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
HA29 (NAVY) 1340-01-497-7630	264. M72A7 66MM ROCKET, M72 SERIES, PERSONNEL-BORNE	PERSONNEL-BORNE [M72 SERIES]	SAFE
HA29 (NAVY) 1340-01-519-8759	265. M72A7 66MM ROCKET, M72 SERIES, PERSONNEL-BORNE	PERSONNEL-BORNE [M72 SERIES]	SAFE
HA29 (NAVY) 1340-01-592-2069	266. M72A7 66MM ROCKET, M72 SERIES, PERSONNEL-BORNE	PERSONNEL-BORNE [M72 SERIES]	SAFE
HA29 (NAVY) 1340-01-633-8141	267. M72A7 66MM ROCKET, M72 SERIES, PERSONNEL-BORNE	PERSONNEL-BORNE [M72 SERIES]	SAFE
HRT1 (LSN)	268. FBIHRT SEE EMERGENCY BINDER	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
HRT2 (LSN)	269. FBIHRT SEE EMERGENCY BINDER	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
HRT3 (LSN)	270. FBIHRT SEE EMERGENCY BINDER	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
HRT5 (LSN)	271. FBIHRT SEE EMERGENCY BINDER	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
HX05 (NAVY) 1340-01-158-0577	272. ROCKET, ASSAULT, SMAW, ENCASED, 83MM, DUAL MODE, H.E. MK 3 MOD 0, WRKT MK 1 MOD 0 INCLUDES RKT MTR MK 115 MOD 0, IGNITER MK 303 MOD 0 WHD MK 121 MOD 0, FZ IMPACT MK 420 MOD 0, PKG 1-RKT W/6-CTGS 9MM SPOTTER-TRACER MK 212 MOD 0 IN MAGAZINE IN FIBERGLASS TUBE, 3 TUBES IN BARRIER BAG, 1 BAG PER FBRBD BX, 2 FBRBD BXS PER WDN BX	PERSONNEL-BORNE [MK 153 SHOULDER-LAUNCHED MULTIPURPOSE ASSAULT WEAPON (SMAW)]	SAFE
HX07 (NAVY) 1340-01-227-8871	273. ROCKET, ASSAULT, ENCASED, 83MM HEAA, PRACTICE (SMAW) MK 7 MOD 0 PKG 1-RKT ENCASED (W/6-RDS 9MM CTG MK 223), 3-RKTS (W/18-RDS 9MM CTGS)PER STYROFOAM CNTR (OVER PACKED IN CRDBD BX AND BARRIER BAG), 2-CNTRS (6-RKTS W/36-RDS 9MM CTGS) PER WDN BX, 4 WDN BXS PER WDN PLT	PERSONNEL-BORNE [MK 153 SHOULDER-LAUNCHED MULTIPURPOSE ASSAULT WEAPON (SMAW)]	SAFE
J007 (NAVY) 1345-01-526-6440	274. MINE, ANTI-PERSONNEL M18A1 W/NON-ELECTRIC DETONATION SYSTEM. PACKAGED 1 ASSEMBLY PER BARRIER BAG, 6 ASSEMBLIES PER FIBERBOARD BOX, 1 FIBERBOARD BOX PER WIREBOUND BOX, 32 WIREBOUND BOXES PER PALLET, NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
J008 (NAVY) 1345-01-555-7934	275. MINE, ANTI-PERSONNEL, PRACTICE, M68 W/NON-ELECTRIC INITIATION SYSTEM, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
K139 (NAVY) 1345-00-402-2226	276. M68 PRACTICE MINE KIT, HAND LAUNCHED, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
K143 (NAVY) 1345-00-166-6378	277. MINE, ANTI-PERS, M18, NON-BOUNDING, NON-METALLIC, W/6 M4 BLASTING CAPS, 1 M40 TEST SET, IN BANDOLEER	PERSONNEL-BORNE [HAND LAUNCHED]	SUSCEPTIBLE
K143 (NAVY) 1345-00-710-6946	278. MINE, ANTI-PERS, M18A1, NON-BOUNDING, NON-METALLIC, W/6 M4 BLASTING CAPS, 1 M40 TEST SET, IN BANDOLEER	PERSONNEL-BORNE [HAND LAUNCHED]	SUSCEPTIBLE
K765 (NAVY) 1365-01-464-9318	279. RIOT CONTROL AGENT, CS, CAPSULE, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
K765 (NAVY) 1365-00-690-8656	280. RIOT CONTROL AGENT, CS, CAPSULE, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
K765 (NAVY) 1365-01-645-4253	281. RIOT CONTROL AGENT, ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
L306 (NAVY) 1370-00-756-2591	282. SIGNAL, ILLUMINATION, GROUND, RED, STAR CLUSTER, M158/T133E2, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
L306 (NAVY) 1370-01-343-1966	283. SIGNAL, ILLUMINATION, GROUND, RED, STAR CLUSTER, M158/T133E2, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
L307 (NAVY) 1370-00-756-2588	284. M159 WHITE STAR SIGNAL (L307), HAND LAUNCHED, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
L307 (NAVY) 1370-01-345-4300	285. M159 WHITE STAR SIGNAL (L307), HAND LAUNCHED, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
L311 (NAVY) 1370-00-629-2336	286. RED STAR GROUND ILLUMINATION SIGNAL (L311), HAND LAUNCHED, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
L311 (NAVY) 1370-01-343-1965	287. RED STAR GROUND ILLUMINATION SIGNAL (L311), HAND LAUNCHED, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
L598 (NAVY) 1370-01-589-4987	288. SIM, BOOBY TRAP, FLASH M117, PKGD, 150 PER WRBRND BX, 30 WRBRND BXS PER WDN PALLET	COMPONENT [COMPONENT]	NO REQUIREMENT
L598 (NAVY) 1370-00-028-5256	289. SIMULATOR, EXPLOSIVE BOOBY TRAP M117 FLSH, W/ACCESSORIES PACKED 1/CTN, 5 CTN/CTN, 1 CTN/SEALED BAG, 30BAG, 150 SIMULATOR/WTRPF-LND WDN BOX	COMPONENT [COMPONENT]	NO REQUIREMENT
L598 (NAVY) 1370-00-283-9443	290. SIMULATOR, EXPLOSIVE BOOBY TRAP M117, W/ACCESSORIES 4 NAILS, 1 SPRG EXTNSN, 3 STAPLES, 1-25 FT SPOOL TRIP WIRE, PKG 1 SIM/PAPRBD SET UP BX, 5-BX /SIMS AND 1 INSTN SHEET/FBRBD BX IN BARR BAG, 5-BAG 25-SIMS/M2A1 MTL BX 2 BX 50-SIMULATORS/WRBND BX	COMPONENT [COMPONENT]	NO REQUIREMENT
L599 (NAVY) 1370-00-008-7788	291. SIMULATOR, BOOBY TRAP, M118, ILLUM	COMPONENT [COMPONENT]	NO REQUIREMENT
L599 (NAVY) 1370-00-028-5257	292. SIMULATOR, BOOBY TRAP ILLUMINATING, W/ACCESSORIES M118, PKG 1 SIMULATOR, 1 EXTENSION SPRING, 1 SPOOL ASSY, 2 NAILS, 4 STAPLES/CTN, 25 CTN 25 SIMULATORS/CTN, 6 CTN, 150 SIMULATORS/WTRPRF LND WDN BOX	COMPONENT [COMPONENT]	NO REQUIREMENT
L599 (NAVY) 1370-00-283-9444	293. SIMULATOR, EXPLOSIVE BOOBY TRAP M118, W/ACCESSORIES 4 NAILS, 1 SPRG EXTNSN, 3 STAPLES, 1-25 FT SPOOL TRIP WIRE, PKG 1 SIM/PAPRBD SET UP BX, 5-BX/SIMS AND 1 INSTN SHEET/FBRBD BX IN BARR BAG, 5-BAG 25-SIMS/M2A1 MTL BX 2 BX 50-SIMULATORS/WRBND BX WRBND BX	COMPONENT [COMPONENT]	NO REQUIREMENT
LA51 (NAVY) 1370-01-530-6486	294. CARTRIDGE, 12 GAUGE MK 290 MOD 0, 100 METERS. PACKAGED 25 PER POLYETHELENE BOX, 4 BOXES PER M2A1 METAL AMMO CAN, TO BE SPECIFIED LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
LA52 (NAVY) 1370-01-530-6571	295. CARTRIDGE, 12 GAUGE MK 291 MOD 0, 200 METERS. PACKAGED 25 PER POLYETHELENE BOX, 4 BOXES PER M2A1 AMMO CAN, TESTED APPLICATION LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [12 GAUGE SHOTGUN]	NO REQUIREMENT
M023 (NAVY) 1375-00-724-7040	296. CHARGE, DEMOLITION, BLOCK, M112, COMP C-4, 1-1/4 LB, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M023 (NAVY) 1375-01-389-3854	297. CHARGE, DEMOLITION, BLOCK, M112, COMP C-4, 1-1/4 LB, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M028 (NAVY) 1375-00-926-1948	298. M1A2 BANGALORE TORPEDO DEMOLITION KIT, LAND-BASED, LINEAR DEMOLITION CHARGE ROCKET LAUNCHER	LAND-BASED [LINEAR DEMOLITION CHARGE ROCKET LAUNCHER]	NO REQUIREMENT
M030 (NAVY) 1375-00-926-9394	299. CHARGE, DEMOLITION BLOCK, 1/4 LB, TNT. PKG. 192 CHARGES W/48 ADAPTER, PRIMING M1A4/WDN BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M032 (NAVY) 1375-00-028-5142	300. CHARGE, DEMOLITION, BLOCK, TNT, 1 LB, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M032 (NAVY) 1375-00-529-7701	301. CHARGE, DEMOLITION, BLOCK, TNT, 1 LB, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
M032 (NAVY) 1375-00-935-6139	302. CHARGE, DEMOLITION, BLOCK, TNT, 1 LB , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M032 (NAVY) 1375-01-576-5211	303. DEMOLITION, BLOCK, TNT 1 LB, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M039 (NAVY) 1375-01-378-9669	304. CHARGE, DEMOLITION, CRATERING, AMMONIA NITRATE, 40 LB PACKAGED 1 PER M18A2 METAL CONTAINER, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M039 (NAVY) 1375-00-028-5145	305. CHARGE, DEMOLITION, CRATERING, AMMONIA NITRATE, 40 LB PACKAGED 1 PER M18A2 METAL CONTAINER, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M039 (NAVY) 1375-01-250-6029	306. CRATERING CHARGE, DEMOLITION, 40-POUND H-6 EXPLOSIVE, PKG 1 PER M18A2 METAL CONTAINER, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M097 (NAVY) 1375-00-784-8043	307. CAP, BLASTING, NON-ELECTRIC, INERT, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M098 (NAVY) 1375-00-783-8040	308. CAP, BLASTING, ELECTRIC, INERT, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M130 (NAVY) 1375-01-192-9174	309. CAP, BLASTING, ELECTRIC, M6. , NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	COMPONENT [COMPONENT]	SUSCEPTIBLE
M130 (NAVY) 1375-01-316-1229	310. CAP, BLASTING ELECTRIC M6 (NONPROPAGATING PACK) 1 CAP PER HOLDER, 10 HOLDERS (10 CAPS) PER M19A1 METAL AMMUNITION BOX, 4 M19A1 BOXES (40 CAPS) PER WIREBOUND BOX.	COMPONENT [COMPONENT]	SUSCEPTIBLE
M130 (NAVY) 1375-01-192-9174	311. M6 BLASTING CAP (M130, NSN: 1375-01-192-9174), MEDUSA ENHANCED RECEIVER (P/N 0830704.R272) AND MEDUSA BASIC RECEIVER (P/N 082074.R272), LAND-BASED	LAND-BASED [MEDUSA]	SUSCEPTIBLE
M130 (NAVY) 1375-01-316-1229	312. M6 BLASTING CAP (M130, NSN: 1375-01-316-1229) , MEDUSA ENHANCED RECEIVER (P/N 0830704.R272) AND MEDUSA BASIC RECEIVER (P/N 082074.R272), LAND-BASED	LAND-BASED [MEDUSA]	SUSCEPTIBLE
M130 (NAVY) 1375-01-192-9174	313. CAP, BLASTING, ELECTRIC, M6. , MINI DEMOLITION REMOTE FIRING DEVICE (MINI-DRFD) LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [MINI DEMOLITION REMOTE FIRING DEVICE (MINI-DRFD)]	SUSCEPTIBLE
M130 (NAVY) 1375-01-316-1229	314. CAP, BLASTING, ELECTRIC, M6 (NON-PROPAGATING PACK) 1 CAP PER HOLDER, 10 HOLDERS PER M19A1 METAL CONTAINER , MINI DEMOLITION REMOTE FIRING DEVICE (MINI-DRFD) LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [MINI DEMOLITION REMOTE FIRING DEVICE (MINI-DRFD)]	SUSCEPTIBLE
M131 (NAVY) 1375-00-283-9440	315. CAP, BLASTING NON-ELEC M7, PKG 6/PAPRBD CTN, 32 CTN/ M19A1 MTL BX, 4 MTL BXS/WRBND BX	COMPONENT [COMPONENT]	NO REQUIREMENT
M131 (NAVY) 1375-01-193-2976	316. CAP, BLASTING M7, NONELECTRIC PKG 10 CAPS (IN CARDBOARD CNTR OVERPACKED IN BARRIER BAG) 24-CNTRS (240- CAPS) PER M19A1 MTL BX, 2-MTL BXS (48 0-CAPS) PER WDN BX P/N MIL-B-48024	COMPONENT [COMPONENT]	NO REQUIREMENT
M131 (NAVY) 1375-01-315-1335	317. CAP, BLASTING, NONELECTRIC M7, (NONPROPAGATING PACK) 1 CAP HOLDER, 10 HOLDERS (10 CAPS) PER M19A1 METAL AMMUNITION BOX, 4 M19A1 BOXES (40 CAPS) PER WIREBOUND BOX	COMPONENT [COMPONENT]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
M174 (NAVY) 1385-00-512-2886	318. CARTRIDGE, CALIBER 50, BLANK, ELECT INITIATED, W/MK 1-2 SQUIB (USMC) , TESTED APPLICATION LAUNCHER, PERSONNEL-BORNE	COMPONENT [COMPONENT]	SUSCEPTIBLE
M174 (NAVY) 1385-00-605-0253	319. CARTRIDGE, CALIBER 50, BLANK, ELECT INITIATED, W/MK 1-2 SQUIB (USMC) , TESTED APPLICATION LAUNCHER, PERSONNEL-BORNE	COMPONENT [COMPONENT]	SUSCEPTIBLE
M174 (NAVY) 1385-00-896-3694	320. CARTRIDGE, CALIBER 50, BLANK, ELECT INITIATED, W/MK 1-2 SQUIB (USMC) , NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	COMPONENT [COMPONENT]	SUSCEPTIBLE
M420 (NAVY) 1375-01-023-7994	321. CHARGE, DEMOLITION, SHAPED, M2 SERIES, 15 LB	COMPONENT [COMPONENT]	NO REQUIREMENT
M420 (NAVY) 1375-00-028-5237	322. CHARGE, DEMOLITION, SHAPED, M2 SERIES, 15 LB	COMPONENT [COMPONENT]	NO REQUIREMENT
M420 (NAVY) 1375-00-529-7698	323. CHARGE,DEMOLITION M2A3 SHAPED,15 LB LOADED W/PENTOLITE OR COMPOSITION B, PKD.9/CHG/WDN BOX	COMPONENT [COMPONENT]	NO REQUIREMENT
M420 (NAVY) 1375-00-926-3939	324. CHARGE,DEMOLITION SHAPED,15 LB,M2A4/M2A3E1.PKG.3/CTN, 1 CTN,3 CHGS/WDN BX.	COMPONENT [COMPONENT]	NO REQUIREMENT
M420 (NAVY) 1375-01-023-7994	325. CHARGE, DEMOLITION, SHAPED, M2 SERIES, 15 LB	COMPONENT [COMPONENT]	NO REQUIREMENT
M421 (NAVY) 1375-00-028-5241	326. CHARGE,DEMOLITION SHAPED,40 LB,COMP B,M3,PKG 1/WDN BX	COMPONENT [COMPONENT]	NO REQUIREMENT
M421 (NAVY) 1375-00-088-6691	327. CHARGE,DEMOLITION M3E2/M3A2 SHAPED,40 LB COMP B PKG 1/WDN BX	COMPONENT [COMPONENT]	NO REQUIREMENT
M456 (NAVY) 1375-00-028-5168	328. CORD, DETONATING, REINFORCED , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M456 (NAVY) 1375-00-204-0851	329. CORD, DETONATING, REINFORCED , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M456 (NAVY) 1375-01-083-0699	330. CORD, DETONATING, REINFORCED , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M456 (NAVY) 1375-01-083-0700	331. CORD, DETONATING, REINFORCED , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M456 (NAVY) 1375-01-332-9665	332. CORD, DETONATING, REINFORCED , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M456 (NAVY) 1375-00-180-9356	333. CORD, DETONATING, REINFORCED , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M456 (NAVY) 1375-00-310-2677	334. CORD, DETONATING, REINFORCED , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M476 (NAVY) 1375-00-093-0090	335. CONTAINER,DEMOLITION CHARGE MK 3-0,EMPTY,CONE TYPE,3.00 INCH DIA.PKG.AS REQUIRED.	COMPONENT [COMPONENT]	NO REQUIREMENT
M476 (NAVY) 1375-01-187-7778	336. CONTAINER,DEMOLITION CHARGE MK 3 MOD 0,EMPTY,CONE TYPE,3.0 INCH DIA; 4.0 IN HT; PKG 4 CNTRS PER M2A1 METAL BX,2 M2A1 BXS (8 CNTRS) PER WIREBOUND BOX	COMPONENT [COMPONENT]	NO REQUIREMENT
M477 (NAVY) 1375-00-093-0092	337. CONTAINER,DEMOLITION CHARGE MK 7-1,EMPTY,VEE TYPE,6.00 INCH LONG.PKG.AS REQD.	COMPONENT [COMPONENT]	NO REQUIREMENT
M477 (NAVY) 1375-01-187-1075	338. CONTAINER,DEMOLITION CHARGE MK7 MOD1,EMPTY,VEE TYPE,6.00 INCHES LONG PKG10 CNTRS PER M19A1 METAL BX 4 M19A1 BXS 40 CNTRS PER WIREBOUND BOX	COMPONENT [COMPONENT]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
M478 (NAVY) 1375-00-093-0093	339. CONTAINER,DEMOLITION CHARGE MK 7-2,EMPTY,VEE TYPE,6.00 INCH LONG.PKG.AS REQD.	COMPONENT [COMPONENT]	NO REQUIREMENT
M478 (NAVY) 1375-01-187-1076	340. CONTAINER,DEMOLITION CHARGE MK7 MOD2,EMPTY,VEE TYPE,6.00 INCHES LONG,PKG 10 NTRS PER M19A1 METAL 3 BOX,4 M19A1 BXS 40 CNTRS PER WIREB OUND BX	COMPONENT [COMPONENT]	NO REQUIREMENT
M479 (NAVY) 1375-00-093-0094	341. CONTAINER,DEMOLITION CHARGE MK 7-3,EMPTY,VEE TYPE,6.00 INCH LONG.PKG.AS REQD.	COMPONENT [COMPONENT]	NO REQUIREMENT
M479 (NAVY) 1375-01-187-1077	342. CONTAINER,DEMOLITION CHARGE MK7 MOD3,EMPTY,VEE TYPE 6.00 INCHES LONG,PKG 10 CNTRS PER M19A1 METAL BOX,4 M19A1BXS 40 CNTRS PER WIREBOUND BX	COMPONENT [COMPONENT]	NO REQUIREMENT
M480 (NAVY) 1375-00-093-0095	343. CONTAINER,DEMOLITION CHARGE MK 7-4,EMPTY,VEE TYPE,3.00 INCH LONG.PKG.AS REQD.	COMPONENT [COMPONENT]	NO REQUIREMENT
M480 (NAVY) 1375-01-187-1078	344. CONTAINER,DEMOLITION CHARGE MK7 MOD4,EMPTY,VEE TYPE,3.00 INCHES LONG,PKG 10 CNTRS PER M19A1 METAL BOX,4 M19A1 BXS 40 CNTRS PER WIREB OUND BX	COMPONENT [COMPONENT]	NO REQUIREMENT
M481 (NAVY) 1375-00-093-0096	345. CONTAINER, DEMOLITION CHARGE MK 7 MOD 5, EMPTY, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	COMPONENT [COMPONENT]	NO REQUIREMENT
M481 (NAVY) 1375-01-187-1079	346. CONTAINER,DEMOLITION CHARGE MK7 MOD5,EMPTY,VEE TYPE,6.00 INCHES PKG 10 CNTRS PER M19A1 METAL BOX, 4 M19A1 METAL BOXES 40 CNTRS PER WRBND BX	COMPONENT [COMPONENT]	NO REQUIREMENT
M482 (NAVY) 1375-00-093-0097	347. CONTAINER, DEMOLITION CHARGE MK 7 MOD 6, EMPTY, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	COMPONENT [COMPONENT]	NO REQUIREMENT
M482 (NAVY) 1375-01-187-1080	348. CONTAINER,DEMOLITION CHARGE MK7 MOD6,EMPTY,VEE TYPE,6.00 INCHES LONG PKG 10 CNTRS PER M19A1 METAL BOX,4 M19A1 BXS 40 CNTRS PER WIREB OUND BX	COMPONENT [COMPONENT]	NO REQUIREMENT
M483 (NAVY) 1375-01-077-4379	349. CONTAINER, DEMOLITION CHARGE MK 7 MOD 7, EMPTY NSN 1375-01-077-4379 P/N 795510-7, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	COMPONENT [COMPONENT]	NO REQUIREMENT
M483 (NAVY) 1375-00-093-0098	350. CONTAINER,DEMOLITION CHARGE MK 7-7,EMPTY.VEE TYPE,6.00 INCH	COMPONENT [COMPONENT]	NO REQUIREMENT
M484 (NAVY) 1375-00-093-0099	351. CONTAINER, DEMOLITION CHARGE MK 7 MOD 8, EMPTY, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	COMPONENT [COMPONENT]	NO REQUIREMENT
M484 (NAVY) 1375-01-187-1081	352. CONTAINER,DEMOLITION CHARGE MK7 MOD 8,EMPTY,VEE TYPE,6.00 INCHES LONG,PKG 10 CNTRS PER M19A1 METAL BOX,4 M19A1 BXS 40 CNTRS PER WIREB OUND BX	COMPONENT [COMPONENT]	NO REQUIREMENT
M591 (NAVY) 1375-00-724-9613	353. DYNAMITE,MILITARY M1,PA-PD-525,PKG 50 STICK/WTRPRF BAG 2 BAG,100 STICK/WDN BOX	COMPONENT [COMPONENT]	NO REQUIREMENT
M670 (NAVY) 1375-00-028-5149	354. FUSE, BLASTING, TIME, EXPLOSIVE LOADED , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
M670 (NAVY) 1375-00-028-5152	355. FUSE, BLASTING, TIME, EXPLOSIVE LOADED NSN 1375-00-028-5151 P/N MIL-F-45144A NSN 1375-00-028-5152 P/N MIL-F-45144A NSN 1375- 00-028-5246 P/N MIL-F-45144A NSN 1375-00-167- 3856 P/N MIL-F-45144A NSN 1375-00-262-1674 P/N MIL-F-45144A, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M670 (NAVY) 1375-00-028-5246	356. FUSE, BLASTING, TIME, EXPLOSIVE LOADED , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M670 (NAVY) 1375-00-167-3856	357. FUSE, BLASTING, TIME, EXPLOSIVE LOADED , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M757 (NAVY) 1375-01-398-0060	358. DEMOLITION CHARGE ASSY (M757), ALL LAUNCHERS, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M766 (NAVY) 1375-00-283-9452	359. IGNITER, TIME BLASTING FUZE, M60, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M766 (NAVY) 1375-00-691-1671	360. IGNITER, TIME BLASTING FUZE M60/T2, WEATHER-PROOF. PKG. 5/WTRPRF WRPPD CTN, 60 CTN, 300 IGNITER/WDN BX.	COMPONENT [COMPONENT]	NO REQUIREMENT
M766 (NAVY) 1375-00-028-5200	361. IGNITER, TIME BLASTING FUZE M2, WEATHERPROOF, PACKED AS REQUIRED	COMPONENT [COMPONENT]	NO REQUIREMENT
M766 (NAVY) 1375-00-028-5199	362. IGNITER, TIME BLASTING FUZE, M60	COMPONENT [COMPONENT]	NO REQUIREMENT
M862 (NAVY) 1377-00-113-7677	363. SQUIB, ELECTRIC, S-75, 1.5 GRAIN, 4 FT LEAD WIRES , NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	COMPONENT [COMPONENT]	UNSAFE
M862 (NAVY) 1377-00-806-4886	364. SQUIB, ELECTRIC, S-75, 1.5 GRAIN, 4 FT LEAD WIRES , TESTED APPLICATION LAUNCHER, NOT APPLICABLE	COMPONENT [COMPONENT]	UNSAFE
M977 (NAVY) 1375-00-316-3636	365. CORD, DETONATING, LIGHTWEIGHT E-CORD TEXTILE AND PLASTIC LIGHTWEIGHT PETN F/UDT/SEAL TEAMS PKG 1000 FT SPOOL 2 SPOOLS WOOD BOX , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M979 (LSN)	366. CHARGE, DEMOLITION EXPLOSIVE DATASHEET (C-1) .042 THICKNESS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M980 (NAVY) 1375-01-562-3014	367. CHARGE, DEMOLITION, EXPLOSIVE SHEET, 38 FT ROLL W/TAGGANT (20000 LBS NOMINAL), NOT APPLICABLE LAUNCHER, PERSONNEL- BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
M980 (NAVY) 1375-01-036-0443	368. CHARGE, DEMOLITION, EXPLOSIVE SHEET, 38 FT ROLL (20000 LBS NOMINAL), NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
M981 (NAVY) 1375-01-036-0444	369. CHARGE, DEMOLITION, EXPLOSIVE SHEET, 25 FT ROLL, NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
M981 (NAVY) 1375-01-562-3220	370. CHARGE, DEMOLITION, EXPLOSIVE SHEET, 25 FT ROLL W/TAGGANT, NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
M983 (NAVY) 1375-01-568-2737	371. CHARGE DEMOLITION EXPLOSIVE SHEET .208 IN X 10 IN X 15FT LONG FLEXIBLE PKD 1 RO TO FIBERBOARD BX 1 FIBERBOARD BX TO WOOD BOX	COMPONENT [COMPONENT]	NO REQUIREMENT
M984 (NAVY) 1375-01-562-3225	372. CHARGE DEMOLITION EXPLOSIVE SHEET .250 IN X 10 IN X 13 FT LONG FLEXIBLE W/TAGGANT PKG 1 ROLL TO FIBERBOARD BOX 1 FIBERBOARD BOX TO WOOD BOX , NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
M994 (NAVY) 1375-01-038-6885	373. CHARGE DEMOLITION EXPLOSIVE SHEET .043 IN X 10 IN X 76 FT LONG FLEXIBLE PKG 2 ROLL TO FIBERBOARD BX 1 FIBERBOARD BX TO WOOD BOX , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
M994 (NAVY) 1375-01-565-8411	374. CHARGE DEMOLITION EXPLOSIVE SHEET .043 IN X 10 IN X 76 FT LONG, FLEXIBLE W/TAGGANT. PKGD 2 ROLLS TO FIBERBOARD BX, 1 FIBERBOARD BX TO WOOD BOX , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
ML03 (NAVY) 1375-01-040-1526	375. FIRING DEVICE, DEMOLITION, MULTIPURPOSE, M142, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	COMPONENT [COMPONENT]	NO REQUIREMENT
ML04 (NAVY) 1375-01-037-5428	376. CUTTER, POWDER ACTUATED MK 23 MOD 0, MOD 1 EXROD , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	COMPONENT [COMPONENT]	NO REQUIREMENT
ML05 (NAVY) 1375-01-037-5429	377. CUTTER, POWDER ACTUATED MK 24 MOD 0, MOD 1 EXROD , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	COMPONENT [COMPONENT]	NO REQUIREMENT
ML11 (NAVY) 1375-01-300-3911	378. CHARGE, DEMOLITION, SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, CH-6, NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
ML11 (NAVY) 1375-01-082-9920	379. CHARGE, DEMOLITION, SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 40 GRAINS OF CH-6 PER FOOT. PACKAGED 6 FOUR-FOOT LENGTHS PER WOODEN BOX, NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
ML15 (NAVY) 1375-01-079-3905	380. CHARGE,DEMOLITION SHAPED,LINEAR,FLEXIBLE,225 GR/FT PKG 154 FT LENGTH TO CONTAINER	COMPONENT [COMPONENT]	NO REQUIREMENT
ML15 (NAVY) 1375-01-082-9923	381. CHARGE,DEMOLITION SHAPED,FLEXIBLE,LINEAR,LEAD SHEATHED 225 GRAINS CH-6 PER FT,EACH CHG 4-FT LONG;PKG 5 FOUR-FT LENGTHS,W/CUSHION TRAYS IN WDN BX	COMPONENT [COMPONENT]	NO REQUIREMENT
ML15 (NAVY) 1375-01-299-4153	382. CHARGE,DEMOLITION,FLEXIBLE LINEAR SHAPED,225 GRAINS PER FOOT PACKAGED THREE EA TO A WOODEN BOX & 77 BOXES PER WOODEN PALLET.	COMPONENT [COMPONENT]	NO REQUIREMENT
ML17 (NAVY) 1375-01-299-4156	383. CHARGE, DEMOLITION, SHAPED, FLEXIBLE, LINEAR, 400 GR/FT, NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
ML17 (NAVY) 1375-01-083-6325	384. CHARGE, DEMOLITION, SHAPED, FLEXIBLE, LINEAR, 400 GR/FT, NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	PERSONNEL-BORNE [HAND LAUNCHED]	NO REQUIREMENT
MM30 (NAVY) 1375-01-281-8696	385. CHARGE, DEMOLITION MK 140 MOD 0, FLEXIBLE, 20 GRAM. PACKAGED 240 PER M2A1 AMMO BOX., ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM30 (NAVY) 1375-01-563-1105	386. CHARGE, DEMOLITION MK 140 MOD 0, FLEXIBLE, 20 GRAM WITH TAGGANT. PACKAGED 240 PER M2A1 AMMO BOX., ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM36 (NAVY) 1375-01-284-1834	387. CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED 150 GRAINS RDX PER FT, EACH CHG 6 FT LONG PKGD: AS REQUIRED NAVY STOCK LIST OF CONVENT , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	I. NOMENCLATURE	PLATFORM	HERO CLASS
MM44 (NAVY) 1375-01-318-9822	388. CHARGE DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 75 GRAINS CH-6 PER FT EACH CHG 6-FT LONG; PKG 6 SIX-FOOT LENGTHS WITH CUSHIONS IN WOODEN BOX , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM45 (NAVY) 1375-01-319-0941	389. CHARGE DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 125 GRAINS CH-6 PER FOOT EACH CHG 6-FOOT LONG; PKG 6 SIX-FOOT LENGTHS W/CUSHION TRAYS IN WOODEN BOX , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM46 (NAVY) 1375-01-318-0754	390. CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 225 GRAINS CH-6 PER FT. EACH CHARGE SIX FOOT LONG; PACKAGED THREE (3) SIX FOOT LENGTHS W/CUSHION TRAYS IN WOODEN BOX , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM47 (NAVY) 1375-01-318-0753	391. CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 400 GRAINS CH-6 PER FOOT EACH CHARGE SIX FOOT LONG;PACKAGED THREE (3) SIX FOOT LENGTHS W/CUSHION TRAYS IN WOODEN BOX , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM48 (NAVY) 1375-01-319-9184	392. CHARGE DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED, 600 GRAINS CH-6 PER FOOT EACH CHARGE SIX FEET LONG; PKG. (3) 6-SIX FOOT LENGTHS W/CUSHION TRAYS PER WOODEN BOX. , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM51 (NAVY) 1375-01-328-5796	393. CHARGE, DEMOLITION, LOW HAZARD FLEXIBLE LINEAR SHAPED MK 143 MOD 0, 600 GRAINS/FOOT. PACKAGED 180 FEET PER METAL DRUM, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM51 (NAVY) 1375-01-563-1656	394. CHARGE, DEMOLITION, LOW HAZARD FLEXIBLE LINEAR SHAPED MK 143 MOD 0, 600 GRAINS/FOOT WITH TAGGANT. PACKAGED 180 FEET PER METAL DRUM, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM52 (NAVY) 1375-01-563-1655	395. CHARGE, DEMOLITION, LOW HAZARD FLEXIBLE LINEAR SHAPED MK 144 MOD 0, 1200 GRAINS/FOOT WITH TAGGANT. PACKAGED 80 FEET PER METAL DRUM, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM52 (NAVY) 1375-01-328-5797	396. CHARGE, DEMOLITION, LOW HAZARD FLEXIBLE LINEAR SHAPED MK 144 MOD 0, 1200 GRAINS/FOOT. PACKAGED 80 FEET PER METAL DRUM, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM53 (NAVY) 1375-01-328-8048	397. CHARGE, DEMOLITION, MK 145 MOD 0 LOW HAZARD FLEXIBLE LINEAR SHAPED, 2400 GRAINS/FOOT. PACKAGED 40 FEET PER METAL DRUM, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
MM53 (NAVY) 1375-01-563-1654	398. CHARGE, DEMOLITION, MK 145 MOD 0 LOW HAZARD FLEXIBLE LINEAR SHAPED, 2400 GRAINS/FOOT WITH TAGGANT. PACKAGED 40 FEET PER METAL DRUM, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM54 (NAVY) 1375-01-328-8049	399. CHARGE, DEMOLITION, MK 149 MOD 0 LOW HAZARD FLEXIBLE LINEAR SHAPED, 5400 GRAINS/FOOT. 1 20-FOOT LENGTH PER METAL DRUM, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM54 (NAVY) 1375-01-563-1657	400. CHARGE, DEMOLITION, MK 149 MOD 0 LOW HAZARD FLEXIBLE LINEAR SHAPED, 5400 GRAINS/FOOT W/TAGGANT. 1 20-FOOT LENGTH PER METAL DRUM, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MM56 (NAVY) 1375-01-327-9205	401. DETONATOR, NONELECTRIC, MK 123 MOD 0, DUAL 100-FOOT SHOCK TUBE LEADS, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	COMPONENT [COMPONENT]	NO REQUIREMENT
MM57 (NAVY) 1375-01-327-9206	402. DETONATOR, NONELECTRIC MK 126 MOD 0, DUAL DETONATORS WITH 1000 FOOT SHOCK TUBE LEADS. OLIVE DRAB IN COLOR, PKG 1 PER SPOOL, 1 SPOOL PER CNU-405/E CNTR , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MN06 (NAVY) 1375-01-415-1233	403. CAP, BLASTING, NON-ELECTRIC, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MN06 (NAVY) 1375-01-482-7380	404. CAP, BLASTING, NON-ELECTRIC, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MN07 (NAVY) 1375-01-415-1234	405. CAP, BLASTING, NON-ELECTRIC, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MN07 (NAVY) 1375-01-447-2049	406. CAP, BLASTING, NON-ELECTRIC, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MN08 (NAVY) 1375-01-415-1235	407. IGNITER, TIME BLASTING FUSE W/SHOCK TUBE CAPABILITY, M81.	COMPONENT [COMPONENT]	NO REQUIREMENT
MN08 (NAVY) 1375-01-442-0939	408. IGNITER, TIME BLASTING FUSE W/SHOCK TUBE CAPABILITY, M81.	COMPONENT [COMPONENT]	NO REQUIREMENT
MN08 (NAVY) 1375-01-555-0128	409. IGNITER, TIME BLASTING FUSE W/SHOCK TUBE CAPABILITY, M81; PACKAGED 45 PER M2A1 AMMO BOX, 2 M2A1 AMMO BOXES PER WIREBOUND BOX	COMPONENT [COMPONENT]	NO REQUIREMENT
MN08 (NAVY) 1375-01-608-6847	410. IGNITER, TIME BLASTING FUSE:W/SHOCK TUBE CAPABILITY, M81 (54 IGNITERS/M2A1 METAL CONTAINER FOR A TOTAL OF 108 IGNITERS/WIREBOUND AND 48 WIREBOUNDS/PALLET)	COMPONENT [COMPONENT]	NO REQUIREMENT
MN52 (NAVY) 1375-01-460-9000	411. DETONATOR, PERCUSSION, NON-ELECTRIC WITH IN-LINE INITIATOR, DUAL MK 154 MOD 0. 100FT, 8 SPOOLS PER CNU-405/EMETAL.MILITARY SPECIFICATION/DRAWING30003-986AS106. , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MN68 (NAVY) 1375-01-467-8646	412. BOOSTER, DEMOLITION CHARGE, M151, NO-DELAY, NON-ELECTRIC INSENSITIVE INITIATION SYSTEM , NOT APPLICABLE LAUNCHER, PERSONNEL-BORNE	COMPONENT [COMPONENT]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
MN69 (NAVY) 1375-01-467-8685	413. BOOSTER, DEMOLITION CHARGE, NO-DELAY, NON-ELECTRIC, M152, INSENSITIVE INITIATION SYSTEM. PACKAGED 20 PER FIBERBOARD BOX, 3 BOXES PER WOOD BOX, 30 WOOD BOXES PER PALLET , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MN79 (NAVY) 1375-01-508-4975	414. ANTI-PERSONNEL OBSTACLE BREACHING SYSTEM, MK 7 MOD 2, CONSISTING OF 1 REAR BACKPACK ASSEMBLY, 1 FRONT BACKPACK ASSEMBLY, 1 MK 126 MOD 0 ROCKET MOTOR, 1 NON-ELECTRIC SQUIB, 1 LAUNCH TUBE, 1 TOOL KIT, 1 FRONT FUZE, 1 REAR FUZE, 1 FOAM TRANSPORT CONTAINER, AND 1 SOFT PACK , TO BE SPECIFIED LAUNCHER, PERSONNEL-BORNE	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MN79 (NAVY) 1375-01-426-1376	415. ANTI-PERSONNEL OBSTACLE BREACHING SYSTEM, MK 7 MOD 1, CONSISTING OF 1 REAR BACKPACK ASSEMBLY, 1 FRONT BACKPACK ASSEMBLY, 1 MK 126 MOD 0 ROCKET MOTOR, 1 MK 19 MOD 0 ELECTRIC SQUIB, 1 LAUNCH TUBE, 1 TOOL KIT, 1 FRONT FUZE, 1 REAR FUZE, 1 FOAM TRANSPORT CONTAINER, AND 1 SOFT PACK	PERSONNEL-BORNE [ANTI-PERSONNEL OBSTACLE BREACHING SYSTEM (APOBS)]	SUSCEPTIBLE
MN86 (NAVY) 1375-01-494-6939	416. CAP, BLASTING, DUAL IN-LINE INITIATOR, NON-ELECTRIC, 200-FOOT MINI-TUBE, M19. PACKAGED 8 PER FIBERBOARD BOX, 5 BOXES PER WOODEN BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MN88 (NAVY) 1375-01-494-6945	417. CAP,BLASTING, DUAL IN-LINE INITIATOR, NON ELECTRIC, M21 WITH 500 FOOT MINI-TUBE. PACKAGED 1 PER BARRIER BAG, 8 BARRIER BAGS PER FIBERBOARD BOX, 5 FIBERBOARD BOXES PER WOOD BOX, 6 WOOD BOXES PER WOOD PALLET.	COMPONENT [COMPONENT]	NO REQUIREMENT
MN90 (NAVY) 1375-01-494-6941	418. CAP, BLASTING, DUAL-INITIATOR, NON-ELECTRIC, M23 WITH 1000 FEET MINITUBE. PACKAGED 4 PER FIBERBOARD BOX, 5 BOXES PER WOOD BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQ10 (LSN)	419. BALL SAC SHAPED CHARGES	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQ35 (LSN)	420. CHARGE, DEMO, PENTEX 8	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQ43 (LSN)	421. CORD, DETONATING, POWERCORD 200	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQ50 (LSN)	422. EXPLOSIVE CUTTING TAPE, 900 GR/FT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQ51 (LSN)	423. EXPLOSIVE CUTTING TAPE, 1200 GR/FT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQ52 (LSN)	424. EXPLOSIVE CUTTING TAPE, 600 GR/FT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQ53 (LSN)	425. EXPLOSIVE CUTTING TAPE, 2400 GR/FT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQ54 (LSN)	426. EXPLOSIVE CUTTING TAPE, 3600 GR/FT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQ55 (LSN)	427. EXPLOSIVE CUTTING TAPE, 5400 GR/FT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
MQ58 (LSN)	428. CAP, BLASTING, ELEC, 12FT LEAD, INSTANT	ALL PLATFORMS [ALL LAUNCHERS]	UNSAFE
MQ84 (LSN)	429. FLEXIBLE LINEAR SHAPED CHARGE, 40 GRAINS RDX PER FOOT, PACKAGED IN COILS OF VARYING LENGTHS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQ86 (LSN)	430. RDX RIBBON COIL, 75 GRAINS PER FOOT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQ93 (LSN)	431. DETONATOR, DIRECT SHOOT, 100MS DELAY, 20 FT SHOCK TUBE LEAD	ALL PLATFORMS [ALL LAUNCHERS]	UNSAFE
MQ98 (LSN)	432. PRIMASHEET 2000, C-2	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQ99 (LSN)	433. SHAPED, CHARGE HEMI-G	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQA3 (LSN)	434. CHARGE, DEMO, BOOSTER .33	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQA4 (LSN)	435. WARHEAD, VIPER ROCKET PLASITC BODY. TRAINING USE	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQA5 (LSN)	436. DET ASSEMBLY, 40 .118 DUAL OD/FBI	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQB4 (LSN)	437. PRIMADET, INSTANT ASSORTED LENGTH	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQB6 (LSN)	438. SLIP-ON BOOSTER	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQB7 (LSN)	439. DATA SHEET, C-8	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQB8 (LSN)	440. PRIMACORD 7.5 GR/FT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQB9 (LSN)	441. PRIMACORD 150 GR/FT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQC1 (LSN)	442. EXPLOSIVE CUTTING TAPE, 600GR/FT	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQC8 (LSN)	443. DET ASSEMBLY 15' MINI TUBE	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQD3 (LSN)	444. EMULSION	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQG8 (LSN)	445. SEMTEX 1A RODS 300G DATE SHIFT CODE 10JUL05Z1	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQH1 (LSN)	446. SEMBTEX 10 SE ROLL 10 KG FBI EU	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MQT1 (LSN)	447. TROJAN NB450 CAST BOOSTER	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MSG9 (LSN)	448. CARTRIDGE 9MM HYDRO SHOCK	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MU40 (NAVY) 1375-01-282-4670	449. CORD, DETONATING PETN, WTRPRF W/POLYETHYLENE OVER- EXTRUSION, COLOR PALE GREEN, 400 GRAIN PETN PER FT PKGD: 500 FT PER PLYWOOD SPOOL 1 SPOOL (500 FT) PER FBRBD BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MU41 (NAVY) 1375-01-282-4672	450. CORD, DETONATING PETN, WTRPRF W/POLYETHYLENE OVER- EXTRUSION, COLOR ORANGE, 200 GRAIN PETN /FT PKGD: 1200-FT/PLYWOOD SPOOL 1-SPOOL (1200 FT) PER FIBERBOARD BOX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
MU42 (NAVY) 1375-01-282-4673	451. CORD, DETONATING PETN, WTRPRF W/POLYETHYLENE OVER- EXTRUSION, COLOR CLEAR, 100 GRAIN PETN PER FT.PKDG:800-FT PER PLYWOOD SPOOL 2-SPOOLS (1600 FT) PER FIBERBOARD BX, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
MW49 (NAVY) 1375-01-316-5558	452. CONNECTOR, DETONATING CORD, MADE OF POLYETHYLENE PLASTIC, L-P-390 TYPE 1, GRADE 1 OR 2,CLASS L-M, WHITE OR BLUE.(NOTE INERT PLASTIC ITEM). PACKED 50 PER FIBER BOX, 3000 PER CARDBOARD BOX PPP-B-636 TYPE CF, CLASS WSVR, VARIETY SW, GRADE WSC STYLE SFF.	COMPONENT [COMPONENT]	NO REQUIREMENT
MW49 (NAVY) 1375-00-225-2419	453. CONNECTOR, DETONATING CORD, PLASTIC PKG 3000 PER CARTON	COMPONENT [COMPONENT]	NO REQUIREMENT
MY57 (NAVY) 1375-00-772-1370	454. POWDER, SMOKELESS IMPROVED MILITARY RIFLE DUPONT 4064 COMPONENT OF CANINE EXPLOSIVE SCENT KIT. PACKAGED IN 1 LB BOTTLE. 2 BOTTLES PER M19A1 CNTR.	COMPONENT [COMPONENT]	NO REQUIREMENT
MY57 (NAVY) 1375-01-657-0318	455. PROPELLANT POWDER, SMOKELESS IMPROVED MILITARY RIFLE 4064 COMPONENT OF CANINE EXPLOSIVE SCENT KIT. PACKAGED 0.25 LBS.PER COTTON BAG, TWO (2) COTTON BAGS (0.5 LBS.) PER ESD CONTAINER. FOUR (4) ESD CONTAINERS (2 LBS.) PER M19A1 METAL CNTR	COMPONENT [COMPONENT]	NO REQUIREMENT
N289 (NAVY) 1390-01-282-6038	456. FUZE, M762, ET, W/O BOOSTER. PACKAGED 8/M2A1 METAL BOX. 2 METAL BOXES PER WIREBOUND BOX	COMPONENT [COMPONENT]	SAFE
N290 (NAVY) 1390-01-283-6532	457. FUZE, M767, ELECTRONIC TIME, W/BOOSTER PACKAGED 8 PER M2A1 METAL BOX, 2 BOXES PER WIREBOUND BOX , TESTED APPLICATION LAUNCHER, TESTED APPLICATION	COMPONENT [COMPONENT]	SAFE
N340 (NAVY) 1390-00-574-7705	458. FUZE,POINT DETONATING M739/XM739,0.05 SEC SELECTIVE DELAY W/M125A1 BSTR,F/105 MM,4.2-IN,155 MM 175MM,8-IN DETONATION INITIATED CTGS PKG,8-RD/M2A1 MTL BX,2 BX,16-RD/ P WRBND BX	COMPONENT [COMPONENT]	NO REQUIREMENT
N340 (NAVY) 1390-01-600-4635	459. FUZE, PD, M739A1, PKGD 8 FUZES PER M2A1 MTL CNTR, 2 MTL CNTRS PER WRBND WDN BX, 36 WRBND WDN BXS PER 40X48 WDN PALLET	COMPONENT [COMPONENT]	NO REQUIREMENT
N340 (NAVY) 1390-01-080-9447	460. FUZE,POINT DETONATING M739,DUAL MODE IMPACT/DELAY PKG 8-RDS PER M2A1 MTL BX W/NON- PROPAGATING INNER PACK,2-BXS(16-RDS) W/5/16 INCH THICK PAPER TUBES (8140-01-082-9678-NX88) PER WRBND WDN BX	COMPONENT [COMPONENT]	NO REQUIREMENT
N340 (NAVY) 1390-01-132-7481	461. FUZE,POINT DETONATING M739A1,DUAL MODE,IMPACT/DELAY PKG 8-RDS PER M2A1 MTL BX W/NON- PROPAGATING INNER PACK,2 BXS(16-RDS) W/5/16 INCH THICK PAPER TUBES (8140-01-082-9678-NX88) PER WRBND WDN BX	COMPONENT [COMPONENT]	NO REQUIREMENT
N523 (NAVY) 1390-01-481-2024	462. PRIMER, PERCUSSION M82. PKG.1/BARRIER BAG, 25 BAG/CTN, 1 CTN/WTRPRF BAG, 20 BAG, 100 PRIMER/M2A1 METAL CAN, 2 M2A1 CANS PER WOODEN BOX. , ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

DoDIC	1. NOMENCLATURE	PLATFORM	HERO CLASS
N523 (NAVY) 1390-01-329-0777	463. PRIMER, PERCUSSION M82. PKG. 25 /CTN, 20 CTN/WOOD BOX, 18 WOOD BOXES PER WOOD PALLET, ALL LAUNCHERS LAUNCHER, ALL PLATFORMS	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
NREA (LSN)	464. CART. POWER DEVICE ROCKET CHARGE	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
SPO1	465. .38 CAL WIN ROUND	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
WA97 (NAVY) 1346-01-464-2606	466. MUNITION, CROWD CONTROL MODULAR, NON-LETHAL (MCCM) M5 C/O 6- MCCM, 6 IGNITER XM81, 6 BLASTING CAP XM17, 6 BANDOLEER APERS MINE OR MCCM, NOT APPLICABLE LAUNCHER, TO BE SPECIFIED	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
WA97 (NAVY) 1346-01-524-3348	467. MUNITION, CROWD CONTROL MODULAR, NON-LETHAL (MCCM) M5A1 C/O 6- MCCM, 6 IGNITER XM81, 6 BLASTING CAP XM17, 6 BANDOLEER APERS MINE OR MCCM, NOT APPLICABLE LAUNCHER, TO BE SPECIFIED	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
Z203 (LSN)	468. CTG, SMALL ARMS 7.62 FOR AK47 SNGL RD	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
Z205 (LSN)	469. CTG 7.62MMX54MM SOVIET	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT
ZZTB (LSN)	470. PRIMER ASSEMBLY FROM DEMOLITION ASSEMBLY (M757)	ALL PLATFORMS [ALL LAUNCHERS]	NO REQUIREMENT

INSTALLATION DRAWINGS AND PHOTOGRAPHS

Enclosure (3)

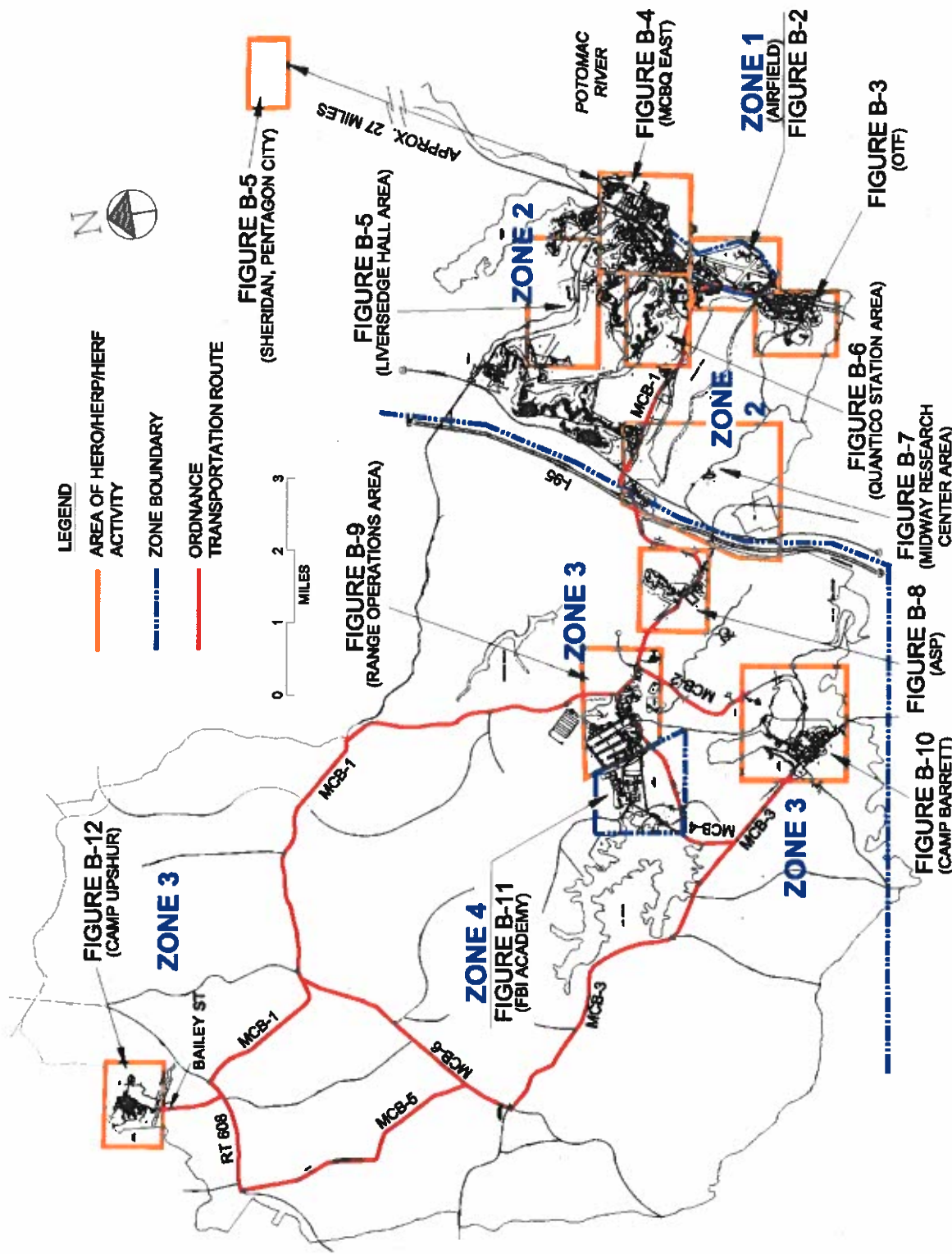


FIGURE B-1. MCB/MCAF QUANTICO HERO ZONES 1, 2, 3, AND 4 LOCATIONS MAP

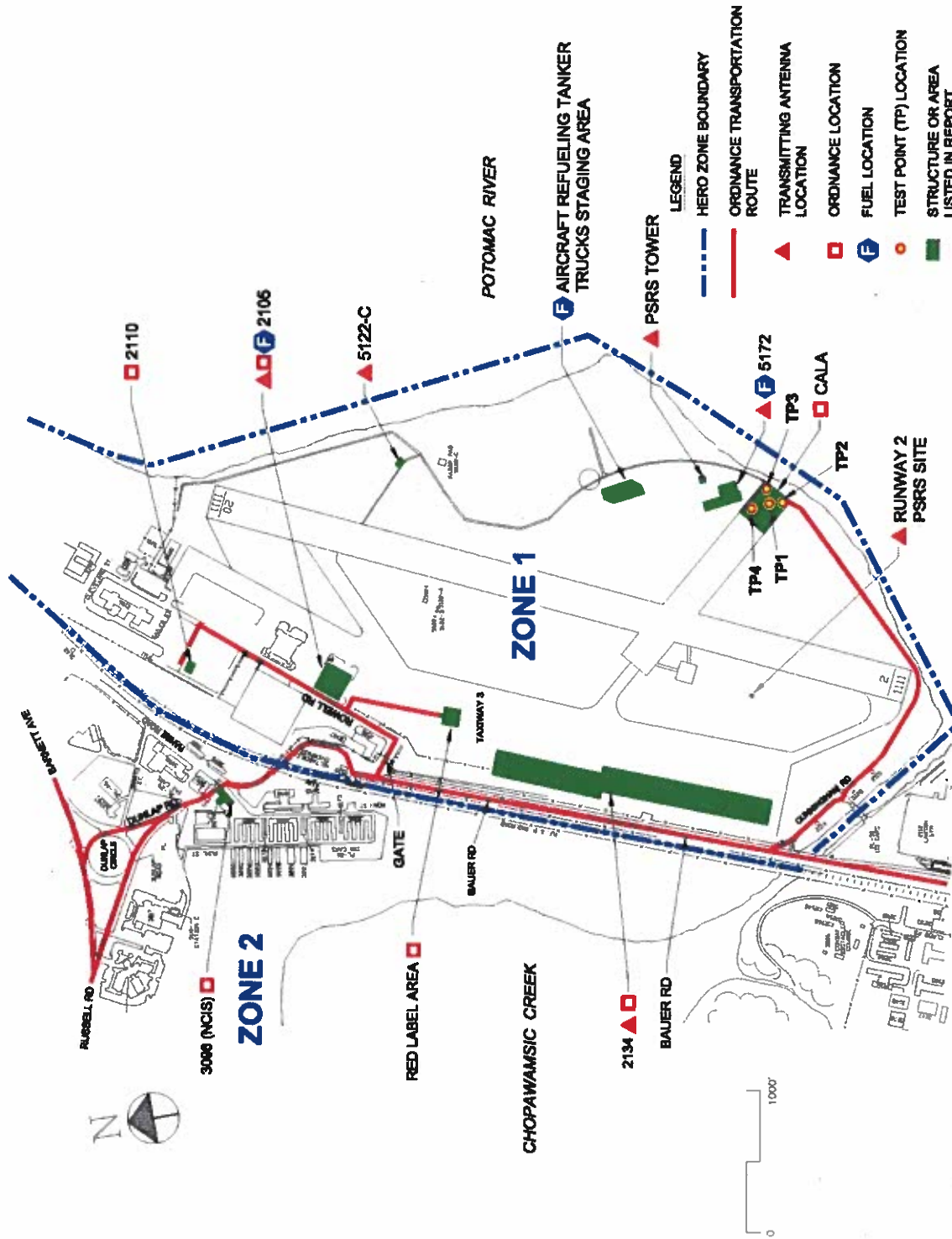
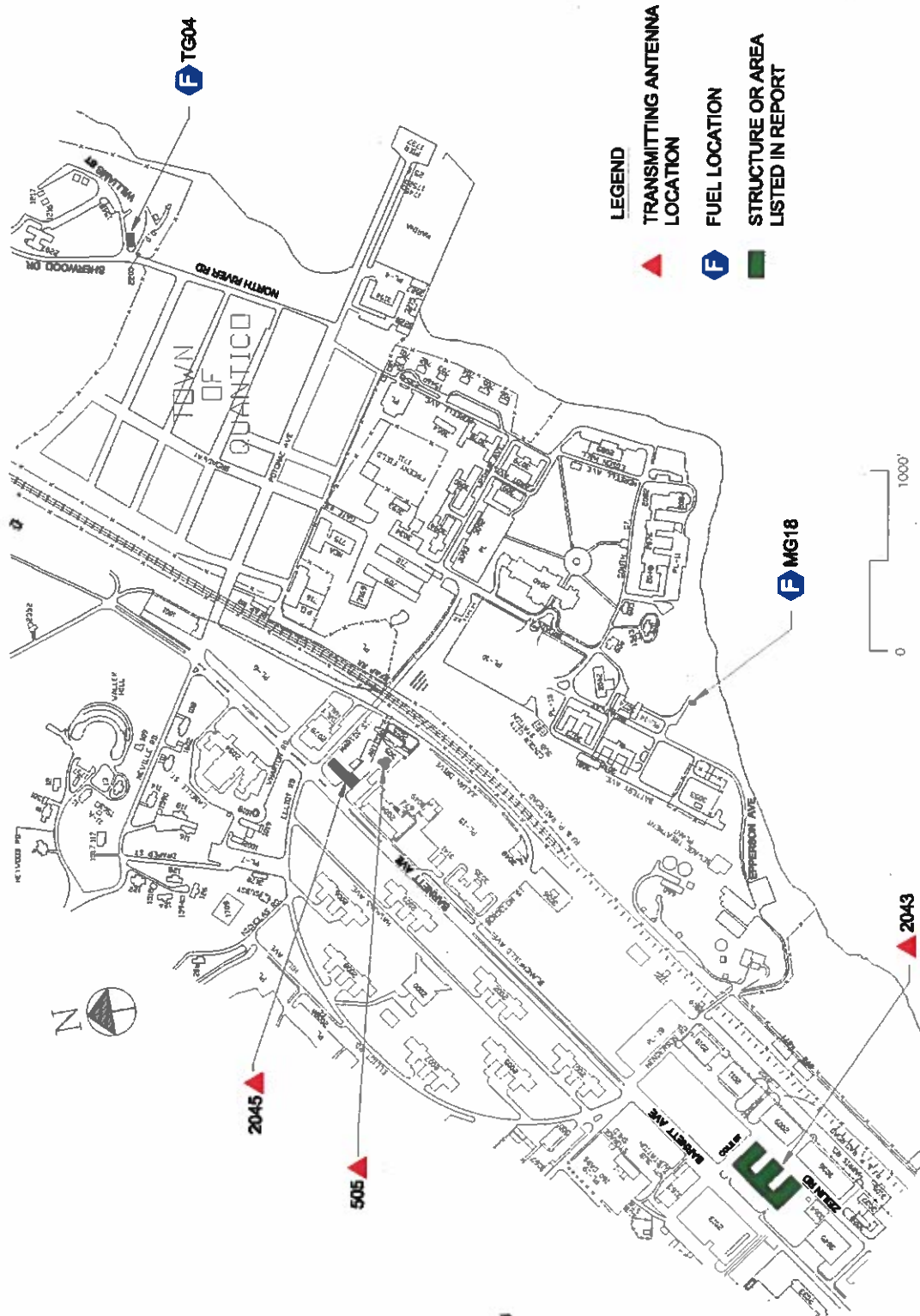


FIGURE B-2. MCB/MCAF QUANTICO AIRFIELD, HERO ZONE 1: TRANSMITTING ANTENNA, ORDNANCE, FUEL, AND TEST POINT (TP) LOCATIONS, AND ORDNANCE TRANSPORTATION ROUTE



**FIGURE B-4. MCB/CAF QUANTICO, MCBQ EAST, HERO ZONE 2:
TRANSMITTING ANTENNA AND FUEL LOCATIONS**

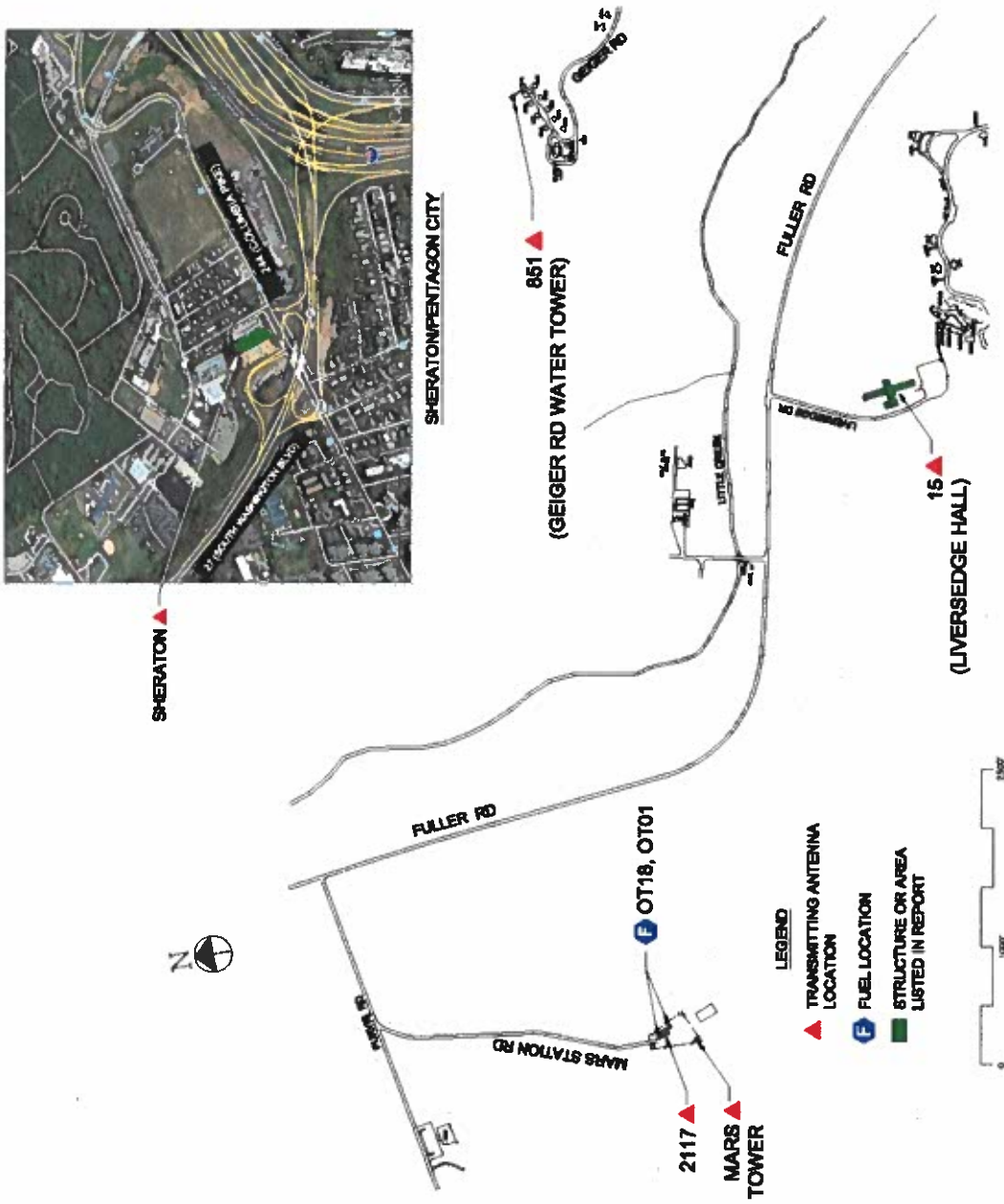


FIGURE B-5. MCB/MCAF QUANTICO, LIVERSEDGE HALL AREA AND SHERATON/PENTAGON CITY, HERO ZONE 2: TRANSMITTING ANTENNA AND FUEL LOCATIONS

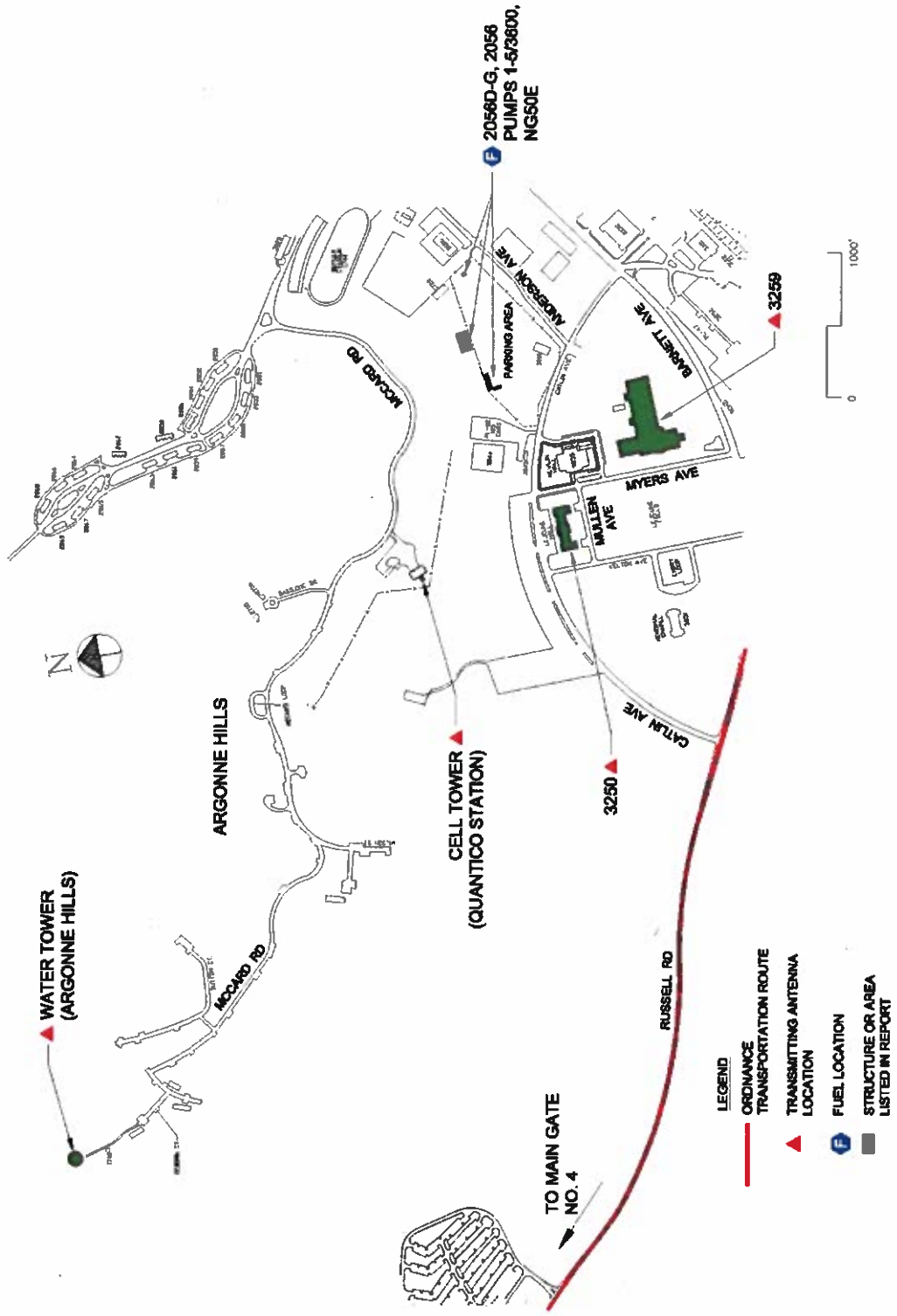


FIGURE B-6. MCB/MCAF QUANTICO, QUANTICO STATION AREA, HERO ZONE 2: TRANSMITTING ANTENNA AND FUEL LOCATIONS AND ORDNANCE TRANSPORTATION ROUTE

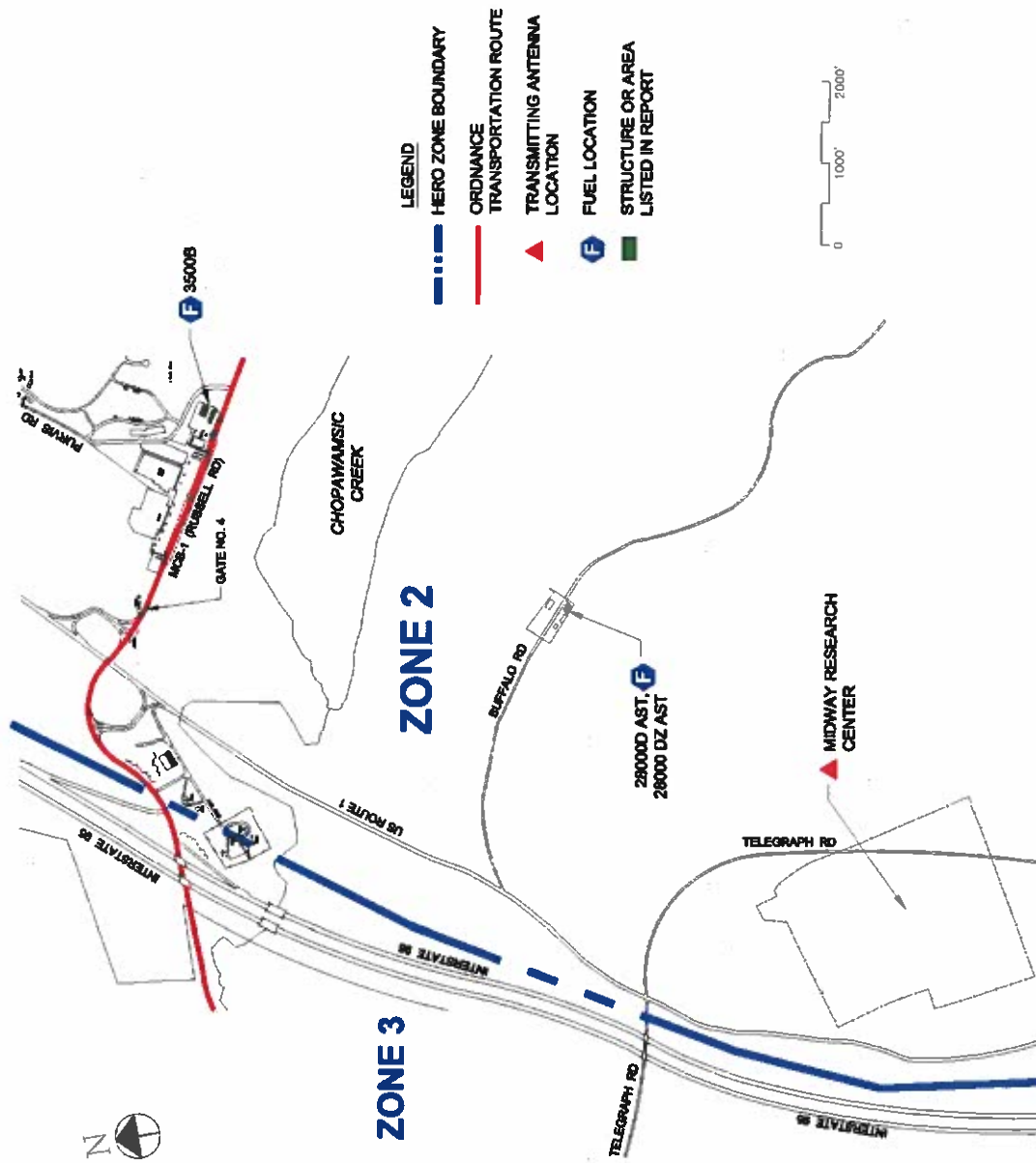


FIGURE B-7. MCB/MCAF QUANTICO, MIDWAY RESEARCH CENTER AREA, HERO ZONE 2: TRANSMITTING ANTENNA AND FUEL LOCATIONS AND ORDNANCE TRANSPORTATION ROUTE

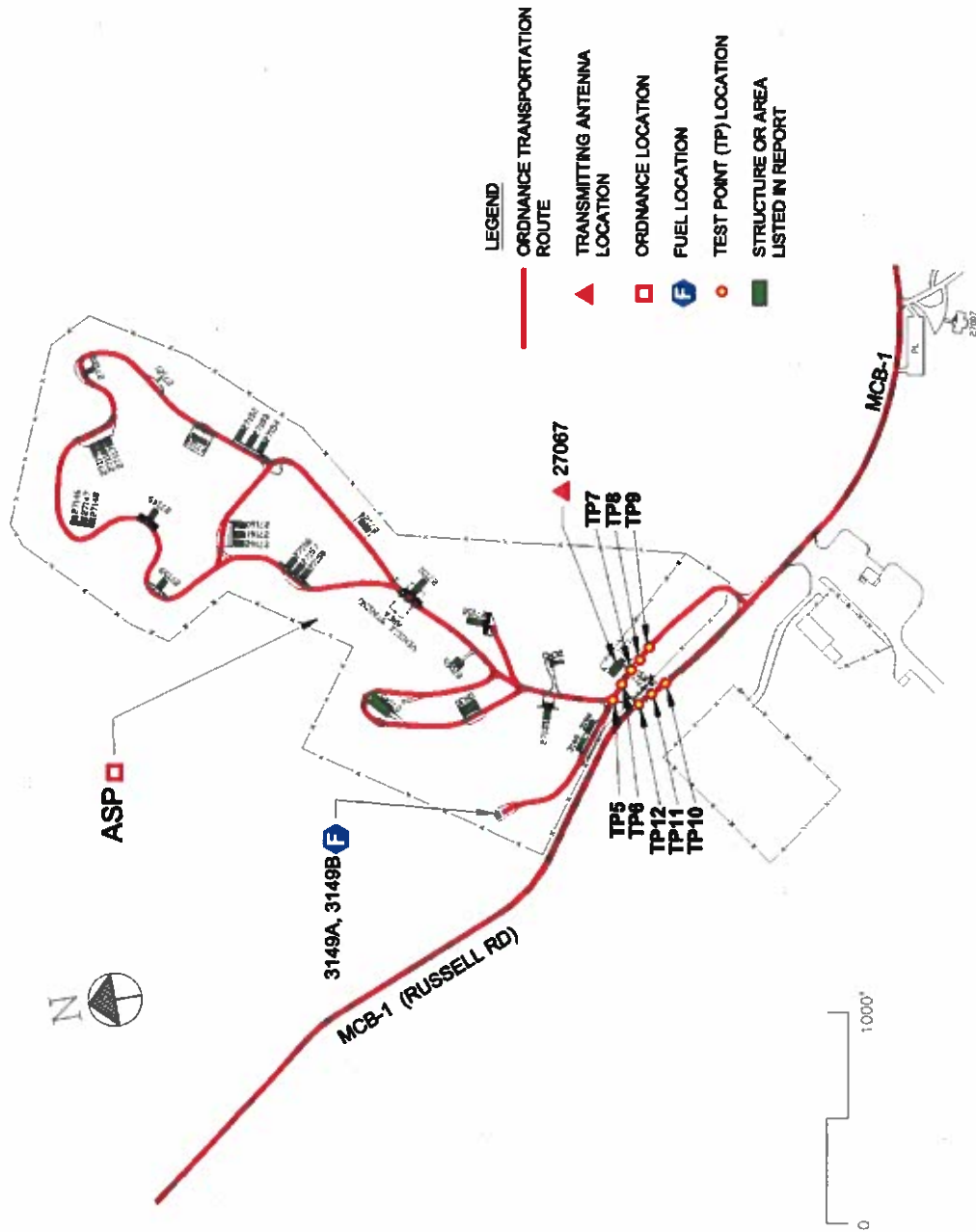


FIGURE B-8. MCB/MCAF QUANTICO, AMMUNITION SUPPLY POINT, HERO ZONE 3: TRANSMITTING ANTENNA, ORDNANCE, FUEL, AND TEST POINT (TP) LOCATIONS AND ORDNANCE TRANSPORTATION ROUTE

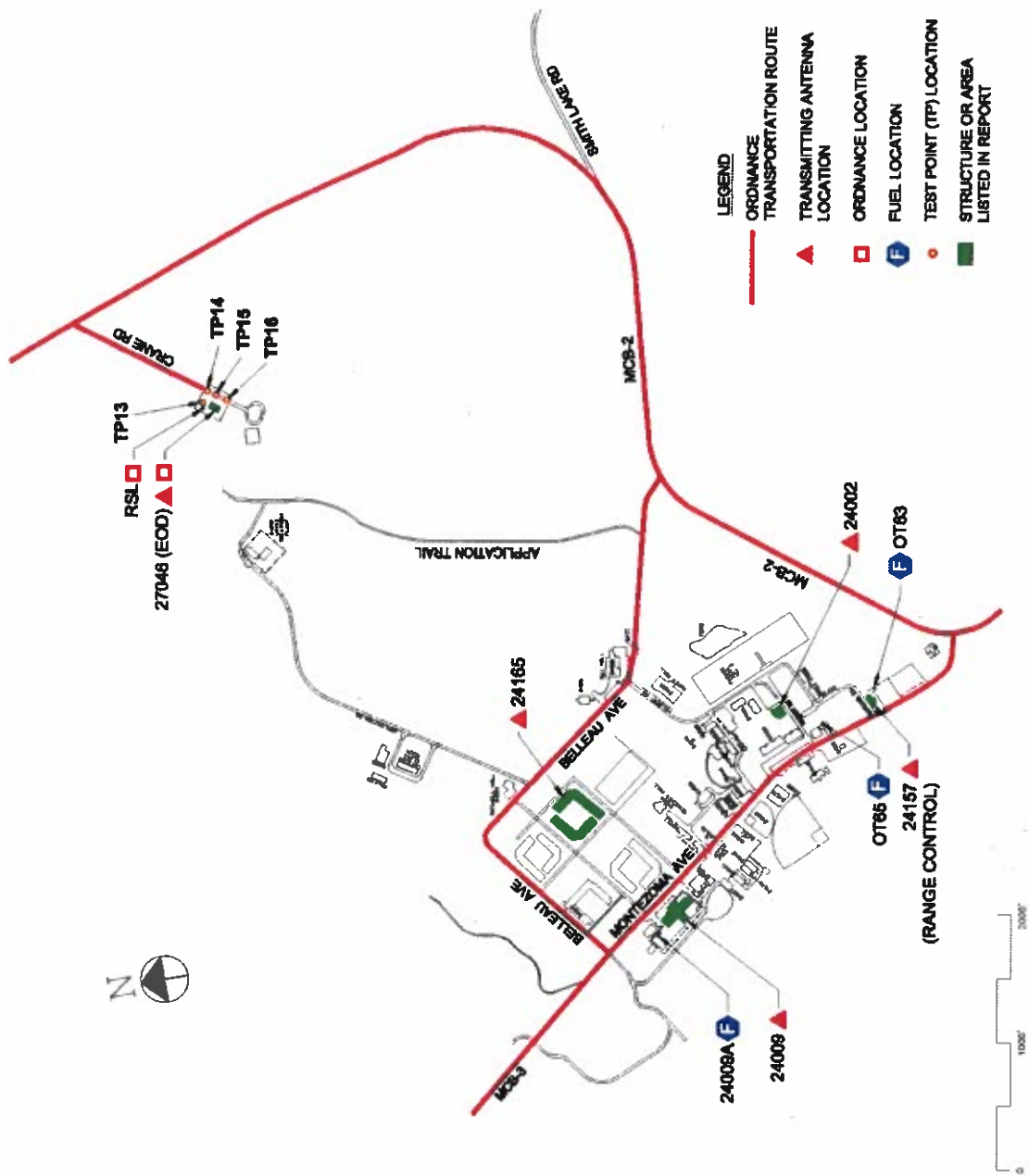


FIGURE B-10. MCB/MCAF QUANTICO, CAMP BARRETT, HERO ZONE 3: TRANSMITTING ANTENNA, ORDNANCE, FUEL, AND TEST POINT (TP) LOCATIONS, AND ORDNANCE TRANSPORTATION ROUTE

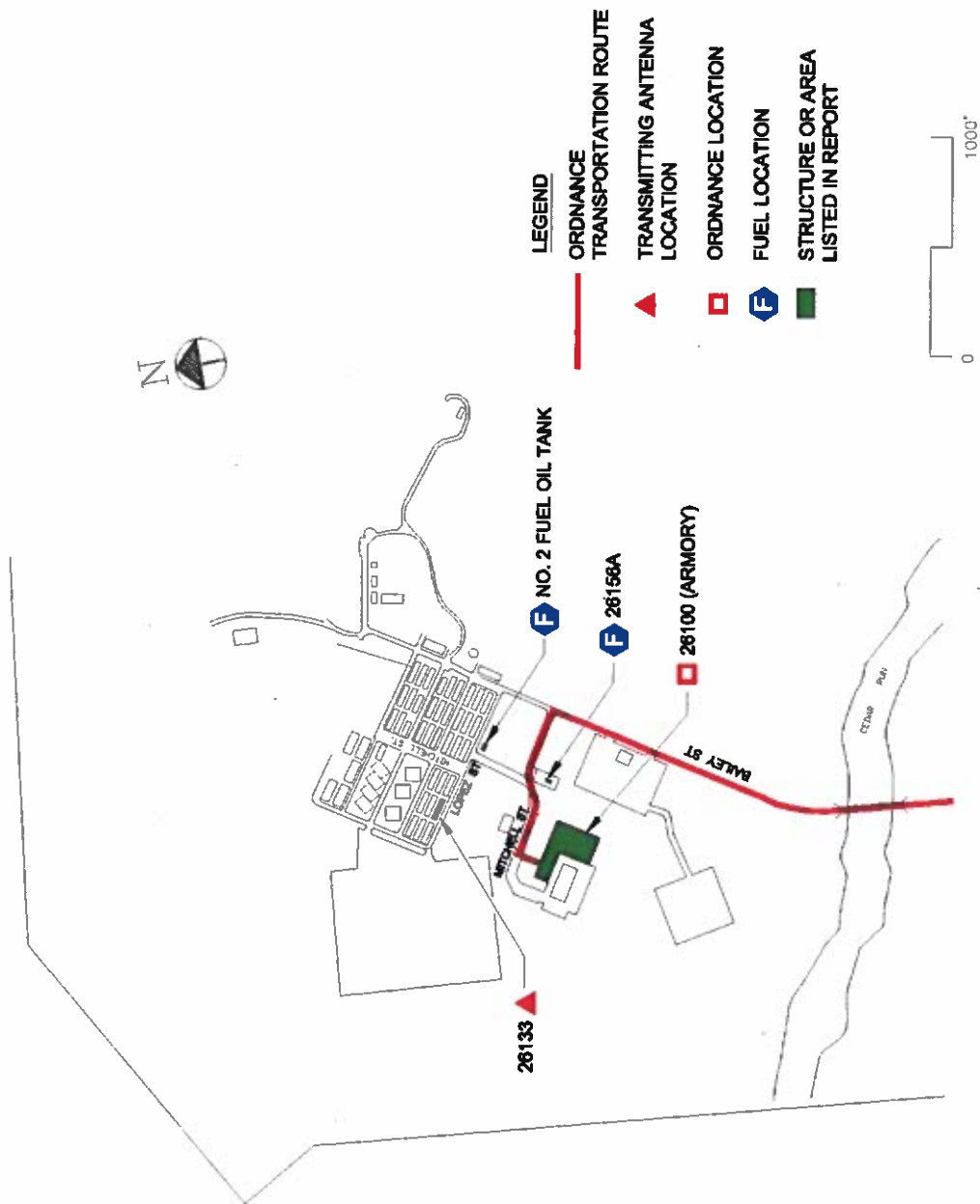


FIGURE B-12. MCB/MCAF QUANTICO CAMP UPSHUR, HERO ZONE 3: TRANSMITTING ANTENNA, ORDNANCE, AND FUEL LOCATIONS, AND ORDNANCE TRANSPORTATION ROUTE



FIGURE B-13. MCB QUANTICO ZONE 2: BUILDING 3500B, MCX FUELING STATION



FIGURE B-14. ZONE I MEASUREMENT AT CALA



FIGURE B-15. ZONE 3 MEASUREMENT AT ASP



FIGURE B-16. FBI GOLAN CONTAINMENT VESSEL

HERO EMCON ORDNANCE MATRIX

**MCB/MCAF QUANTICO
HERO EMCON ORDNANCE MATRIX – DECEMBER 2016**

DoDIC	ORDNANCE	S4 PHASES	LOCATION	HERO CONDITION
General Applications				
All	HERO SAFE ORDNANCE	All S4 phases	All locations	0
All	HERO UNSAFE ORDNANCE	All S4 phases	Zone 1 Zone 2 Zone 3 Zone 4	1 2 3 4
All	HERO SUSCEPTIBLE ORDNANCE	All S4 phases	Zone 1 Zone 2 Zone 3 Zone 4	5 6 7 8

HERO EMCON CONDITION MATRIX

MCB/MCAF QUANTICO
HERO EMCON CONDITION MATRIX – DECEMBER 2016

HERO CONDITION	REQUIREMENTS	HERO ZONE
0	HERO EMCON is not required; all transmitters [as listed in enclosure (6)] may be operated. Observe the general HERO requirements outlined in Chapter 7 of OP 3565.	
1	<p>This condition applies to HERO UNSAFE ORDNANCE in HERO zone 1.</p> <ul style="list-style-type: none"> • Observe the HERO UNSAFE ORDNANCE safe separation distances for all aircraft transmitters except VHF/UHF communications transmitters operating at less than 20 watts or transmitters operating into dummy loads. • For in-flight aircraft carrying ordnance items directly exposed to the installation's EME, observe the HERO UNSAFE ORDNANCE safe separation distances listed in enclosure (6) for all stationary transmitters. • Observe the HERO UNSAFE ORDNANCE safe separation distances listed in enclosure (6) for all mobile and portable transmitters. • For an ordnance accident, emergency response units such as the Fire Department, Weapons Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene; for single radio use, apply the safe separation distances cited in enclosure (6) for that specific mobile or portable unit. 	1
2	<p>This condition applies to HERO UNSAFE ORDNANCE in HERO zone 2.</p> <ul style="list-style-type: none"> • Observe the HERO UNSAFE ORDNANCE safe separation distances listed in enclosure (6) for all mobile and portable transmitters. • For an ordnance accident, emergency response units such as the Fire Department, Weapons Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene; for single radio use, apply the safe separation distances cited in enclosure (6) for that specific mobile or portable unit. 	2
3	<p>This condition applies to HERO UNSAFE ORDNANCE in HERO zone 3.</p> <ul style="list-style-type: none"> • Observe the HERO UNSAFE ORDNANCE safe separation distances listed in enclosure (6) for all mobile and portable transmitters. • For an ordnance accident, emergency response units such as the Fire Department, Weapons Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene; for single radio use, apply the safe separation distances cited in enclosure (6) for that specific mobile or portable unit. 	3

**MCB/MCAF QUANTICO
HERO EMCON CONDITION MATRIX – DECEMBER 2016 (CONT.)**

HERO CONDITION	REQUIREMENTS	HERO ZONE
4	<p>This condition applies to HERO UNSAFE ORDNANCE in HERO zone 4.</p> <ul style="list-style-type: none"> • Observe the HERO UNSAFE ORDNANCE safe separation distances for all aircraft transmitters except VHF/UHF communications transmitters operating at less than 20 watts or transmitters operating into dummy loads. • For in-flight aircraft carrying ordnance items directly exposed to the installation's EME, observe the HERO UNSAFE ORDNANCE safe separation distances listed in enclosure (6) for all stationary transmitters. • Observe the HERO UNSAFE ORDNANCE safe separation distances listed in enclosure (6) for all mobile and portable transmitters. • For an ordnance accident, emergency response units such as the Fire Department, Weapons Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene; for single radio use, apply the safe separation distances cited in enclosure (6) for that specific mobile or portable unit. 	4
5	<p>This condition applies to HERO SUSCEPTIBLE ORDNANCE in HERO zone 1.</p> <ul style="list-style-type: none"> • Observe the HERO SUSCEPTIBLE ORDNANCE safe separation distances for all aircraft transmitters except VHF/UHF communications transmitters operating at less than 40 watts or transmitters operating into dummy loads. • For in-flight aircraft carrying ordnance items directly exposed to the installation's EME, observe the HERO SUSCEPTIBLE ORDNANCE safe separation distances listed in enclosure (6) for all stationary transmitters. • Observe the HERO SUSCEPTIBLE ORDNANCE safe separation distances listed in enclosure (6) for all mobile and portable transmitters. 	1
6	<p>This condition applies to HERO SUSCEPTIBLE ORDNANCE in HERO zone 2.</p> <ul style="list-style-type: none"> • Observe the HERO SUSCEPTIBLE ORDNANCE safe separation distances listed in enclosure (6) for all mobile and portable transmitters. 	2
7	<p>This condition applies to HERO SUSCEPTIBLE ORDNANCE in HERO zone 3.</p> <ul style="list-style-type: none"> • Observe the HERO SUSCEPTIBLE ORDNANCE safe separation distances listed in enclosure (6) for all mobile and portable transmitters. 	3
8	<p>This condition applies to HERO SUSCEPTIBLE ORDNANCE in HERO zone 4.</p> <ul style="list-style-type: none"> • Observe the HERO SUSCEPTIBLE ORDNANCE safe separation distances for all aircraft transmitters except VHF/UHF communications transmitters operating at less than 40 watts or transmitters operating into dummy loads. • For in-flight aircraft carrying ordnance items directly exposed to the installation's EME, observe the HERO SUSCEPTIBLE ORDNANCE safe separation distances listed in enclosure (6) for all stationary transmitters. • Observe the HERO SUSCEPTIBLE ORDNANCE safe separation distances listed in enclosure (6) for all mobile and portable transmitters. 	4

ANTENNA AND TRANSMITTER SYSTEMS

ANTENNA AND TRANSMITTER SYSTEMS

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances	
							HERO UNSAFE ORDNANCE (feet/meters)	HERO SUSCEPTIBLE ORDNANCE (feet/meters)
69 (FIRE AND RESCUE)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO.DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86 26	21 7
69 (FIRE AND RESCUE)	WHIP (6 DBI)	WHIP	6.0	403-430	40.0	MOTOROLA MAXTRAC (UHF)	90 27	22 7
505 (FIRE AND RESCUE ADMIN)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86 26	21 7
851 (GEIGER ROAD WATER TOWER CELL SITE WA54XC842)	RFS APXVSP18-C A20 (1900 MHZ)	PANEL	18.0	1960-1980	18.0	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (1900 MHZ)	49 15	12 4
851 (GEIGER ROAD WATER TOWER CELL SITE WA54XC842)	RFS APXVSP18-C A20 (800 MHZ)	PANEL	15.5	869	20.0	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (800 MHZ) (CELLULAR)	88 27	22 7
851 (GEIGER ROAD WATER TOWER CELL SITE WA54XC842)	RFS APXVSP18-C A20 (1900 MHZ)	PANEL	18.0	1960-1980	43.5	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (1900 MHZ)	77 23	19 6
851 (GEIGER ROAD WATER TOWER CELL SITE WA54XC842)	RFS SC1-220B	PARABOLIC	36.5	21200-23600	0.1	ALCATEL-LUCENT 95MPR23-C	10 3	10 3
851 (GEIGER ROAD WATER TOWER CELL SITE WA54XC842)	RFS APXV18-206516L-C	PANEL	17.6	1930-1945	60.0	LUCENT MODCELL 4.0 (6 CHANNELS)	87 27	22 7
2043 (PMO/GEMU)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86 26	21 7
2045 (FIRE AND RESCUE)	SINCLAIR SC323-HF1LDF	WHIP	5.1	380-430	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86 26	21 7
2105 (ATC TOWER)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86 26	21 7
2105 (ATC TOWER)	UVU-100	DIPOLE	2.5	115-174	10.0	AN URC-200 (VHF) (FM/AM HIGH POWER)	105 32	26 8
2105 (ATC TOWER)	UVU-100	DIPOLE	2.5	225-400	10.0	AN URC-200 (UHF) (FM/AM HIGH POWER)	54 16	13 4
2105 (ATC TOWER)	TACO D2296	DIPOLE	1.0	117-137	10.0	CM-200 VHF	87 27	22 7
2105 (ATC TOWER)	TACO D2118	MULDIPOL MULTIPLE DIPOLE COLLINEAR ARRAY	1.0	117-137	10.0	CM-200 VHF	87 27	22 7
2105 (ATC TOWER)	TACO D2118	MULDIPOL MULTIPLE DIPOLE COLLINEAR ARRAY	1.0	225-400	10.0	CM-200 UHF	45 14	11 3
2105 (ATC TOWER)	TACO D2296	DIPOLE	1.0	225-400	10.0	CM-200 UHF	45 14	11 3
2105 (ATC TOWER)	SKYMASTS 744.05 SHROUDED YAGI ANTENNA	BLADE	15.0	1090	1.0	AN GPN-30 PARROT	15 5	10 3
2105 (ATC TOWER)	WHIP	WHIP	2.1	380-520	50.0	HARRIS CS7000 WITH UNITY XG-100M	68 21	17 5
2105 (ATC TOWER)	TACO D2296	DIPOLE	1.0	116-400	100.0	ROCKWELL COLLINS 721S	278 85	69 21
2105 (ATC TOWER)	TACO D2118	MULDIPOL MULTIPLE DIPOLE COLLINEAR ARRAY	1.0	116-400	100.0	ROCKWELL COLLINS 721S	278 85	69 21
2117 (DISPATCH)	WHIP	WHIP	2.1	380-520	50.0	HARRIS CS7000 WITH UNITY XG-100M	68 21	17 5
2117 (DISPATCH)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86 26	21 7
2134 (HM-X-1 HANGAR)	CHANNEL MASTER TYPE 123	1.2-METER DISH	43.3	14000-14500	4.0	IDIRECT NETMODEN II PLUS	60 18	15 5

ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances	
							HERO UNSAFE ORDNANCE (feet/meters)	HERO SUSCEPTIBLE ORDNANCE (feet/meters)
2134 (HMX-1 HANGAR)	WHIP	WHIP	2.1	380-520	50.0	HARRIS CS7000 WITH UNITY XG-100M	68/21	17/5
3027 (MCAF DASR-11 SITE)	AN GPN-30 (MSSR)	PARABOLIC	27.0	1030	1.4	AN GPN-30 DASR [ASR-11 (MSSR)] (MODE 1, 2, 3A AND C)	74/23	18/6
3027 (MCAF DASR-11 SITE)	AN GPN-30 (PSR)	PARABOLIC	34.0	2700-2900	1664.478	AN GPN-30 DASR (ASR-11) [LONG PULSE (8 MODULES)]	2176/663	544/166
3250 (LEJEUNE HALL)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86/26	21/7
3259 (MEDICAL)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86/26	21/7
5122-C (RADAR PAD)	AS-3160/UPN	ELEVATION ARRAY	42.3	9000-9160	52.8	AN FPN-63	302/92	76/23
5122C (RADAR PAD)	AS-3161/UPN	AZIMUTH PARABOLIC	41.8	9000-9160	52.8	AN FPN-63	285/87	71/22
5172 (CRASH FIRE AND RESCUE)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	50.0	HARRIS CS7000 WITH UNITY XG-100M	96/29	24/7
24002 (MESS HALL)	MAXUS REPEATER ANTENNA	DIPOLE	7.0	1850-1910	0.01	MAXUS MGR-319 SERIES CELLULAR REPEATER	1/0.3	1/0.3
24009 (CI)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86/26	21/7
24157 (RANGE CONTROL)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	50.0	AN URC-200 (UHF) (WITH UPA-50)	96/29	24/7
24157 (RANGE CONTROL)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86/26	21/7
24165 (MESS HALL)	MAXUS REPEATER ANTENNA	DIPOLE	7.0	1850-1910	0.01	MAXUS MGR-319 SERIES CELLULAR REPEATER	1/0.3	1/0.3
26133 (CAMP UPSHUR)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86/26	21/7
27001 (GUARD POST)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86/26	21/7
27046 (EOD)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86/26	21/7
27067 (ASP)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86/26	21/7
27205 (RANGE NO. 3 PIT)	WHIP	WHIP	2.1	403-470	40.0	MOTOROLA CDM750 (UHF I HIGH)	57/18	14/4
27206 (RANGE NO. 4 PIT)	WHIP	WHIP	2.1	403-470	40.0	MOTOROLA CDM750 (UHF I HIGH)	57/18	14/4
27207 (INTERNATIONAL PISTOL RANGE PIT)	WHIP	WHIP	2.1	403-470	40.0	MOTOROLA CDM750 (UHF I HIGH)	57/18	14/4
27211 (RANGE ADMINISTRATION)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTTE (UHF-R1)	86/26	21/7
27211 (RANGE ADMINISTRATION)	WHIP	WHIP	2.1	403-470	40.0	MOTOROLA CDM750 (UHF I HIGH)	57/18	14/4
27219 (MESS HALL)	MAXUS REPEATER ANTENNA	DIPOLE	7.0		0.0			
27242 (RANGE NO. 2 PIT)	WHIP	WHIP	2.1	403-470	40.0	MOTOROLA CDM750 (UHF I HIGH)	57/18	14/4
27243 (RANGE NO. 1 PIT)	WHIP	WHIP	2.1	403-470	40.0	MOTOROLA CDM750 (UHF I HIGH)	57/18	14/4

ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances	
							HERO UNSAFE ORDNANCE (feet/meters)	HERO SUSCEPTIBLE ORDNANCE (feet/meters)
27400 (FIRE AND RESCUE)	SINCLAIR DSSC323-HTILDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTA (UHF-R1)	86/26	21/7
27400 (FIRE AND RESCUE)	WHIP	WHIP	2.1	380-520	50.0	HARRIS CS7000 WITH UNITY XG-100M	68/21	17/5
27937 [FBI (7)]	SINCLAIR SC-229	WHIP	8.1	132-154	100.0	MOTOROLA MTR2000 (UHF/VHF) (VHF 1)	553/169	138/42
27937 [FBI (7)]	SINCLAIR SC-229	WHIP	8.1	132-174	40.0	MOTOROLA MTR2000 (UHF/VHF) (VHF)	350/107	87/27
27937 [FBI (7)]	SINCLAIR SC-229	WHIP	8.1	150-174	100.0	MOTOROLA MTR2000 (UHF/VHF) (VHF 2)	487/148	122/37
27937 [FBI (7)]	SINCLAIR SC-229	WHIP	8.1	403-435	100.0	MOTOROLA MTR2000 (UHF/VHF) (UHF 1)	181/55	45/14
27937 [FBI (7)]	SINCLAIR SC-229	WHIP	8.1	403-470	40.0	MOTOROLA MTR2000 (UHF/VHF) (UHF)	115/35	29/9
27937 [FBI (7)]	SINCLAIR SC-229	WHIP	8.1	435-470	100.0	MOTOROLA MTR2000 (UHF/VHF) (UHF 2)	168/51	42/13
27937 [FBI (7)]	SINCLAIR SC488-HF3SNF	COLLINEAR	12.1	851-870	75.0	MOTOROLA MTR2000 (800-900 MHZ)	118/36	29/9
27937 [FBI (7)]	SINCLAIR SC488-HF3SNF	COLLINEAR	12.1	935-940	75.0	MOTOROLA MTR2000 (800-900 MHZ)	107/33	27/8
27938 [FBI (8)]	SINCLAIR SC329H	COLLINEAR	8.1	403-435	100.0	MOTOROLA MTR2000 (UHF/VHF) (UHF 1)	181/55	45/14
27938 [FBI (8)]	SINCLAIR SC329H	COLLINEAR	8.1	435-470	100.0	MOTOROLA MTR2000 (UHF/VHF) (UHF 2)	168/51	42/13
27938 [FBI (8)]	SINCLAIR SC488-HF3SNF	COLLINEAR	12.1	851-870	75.0	MOTOROLA MTR2000 (800-900 MHZ)	118/36	29/9
27938 [FBI (8)]	SINCLAIR SC488-HF3SNF	COLLINEAR	12.1	935-940	75.0	MOTOROLA MTR2000 (800-900 MHZ)	107/33	27/8
27940 [FBI (10)]	SINCLAIR SC488-HF3SNF	COLLINEAR	12.1	851-870	75.0	MOTOROLA MTR2000 (800-900 MHZ)	118/36	29/9
27940 [FBI (10)]	SINCLAIR SC488-HF3SNF	COLLINEAR	12.1	935-940	75.0	MOTOROLA MTR2000 (800-900 MHZ)	107/33	27/8
27947 [FBI (16)]	SINCLAIR SC488-HF3SNF	COLLINEAR	12.1	851-870	75.0	MOTOROLA MTR2000 (800-900 MHZ)	118/36	29/9
27947 [FBI (16)]	SINCLAIR SC488-HF3SNF	COLLINEAR	12.1	935-940	75.0	MOTOROLA MTR2000 (800-900 MHZ)	107/33	27/8
27947 (JEFFERSON DORM CELL SITE WA72XC058)	RFS SCX2-220A	PARABOLIC	41.0	21200-23600	0.1	ALCATEL-LUCENT 95MPR23-C	10/3	10/3
27947 (JEFFERSON DORM CELL SITE WA72XC058)	RFS APXVSPPI8-C A20 (800 MHZ)	PANEL	15.5	869	58.0	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (800 MHZ)	150/46	37/11
27947 (JEFFERSON DORM CELL SITE WA72XC058)	RFS APXVSPPI8-C A20 (1900MHZ)	PANEL	18.0	1960-1980	58.0	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (1900 MHZ)	89/27	22/7
27950 [FBI (15)]	SINCLAIR SC488-HF3SNF	COLLINEAR	12.1	851-870	75.0	MOTOROLA MTR2000 (800-900 MHZ)	118/36	29/9
27950 [FBI (15)]	SINCLAIR SC488-HF3SNF	COLLINEAR	12.1	935-940	75.0	MOTOROLA MTR2000 (800-900 MHZ)	107/33	27/8
27958 [FBI (19)]	LST-5C	SATCOM	9.0	225-399.995	18.0	MOTOROLA LST-5C (FM. PM)	153/47	38/12
27958 [FBI (19)]	RPLA (12-30 MHZ)	LOG PERIODIC ARRAY	12.0	12-30	1000.0	HARRIS RF-350 (RF-353/354 1KW POWER AMP)	4532/1382	1133/345
27958 [FBI (19)]	RPLA (6-12 MHZ)	LOG PERIODIC ARRAY	9.0	6.2-12	1000.0	HARRIS RF-350 (RF-353/354 1KW POWER AMP)	3209/978	802/245
27958 [FBI (19)]	LONGWIRE	LONGWIRE	2.1	1.6-30	1000.0	HARRIS RF-350 (RF-353/354 1KW POWER AMP)	1450/442	362/111

ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances	
							HERO UNSAFE ORDNANCE (feet/meters)	HERO SUSCEPTIBLE ORDNANCE (feet/meters)
27958 [FBI (19)]	DIPOLE	DIPOLE	2.1	1.6-30	1000.0	HARRIS RF-350 (RF-353/354 1KW POWER AMP)	1450/442	362/111
27958 [FBI (19)]	AS-3772B U (SINGLE)	35 FOOT WHIP	2.1	2-30	1000.0	HARRIS RF-350 (RF-353/354 1KW POWER AMP)	1450/442	362/111
27958 (FBI)	SATURN 3S 90	PARABOLIC	21.8	1626-1647	13.2	NERA SATURN BM MK2	79/24	20/6
27973CT (TEVOC)	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	40.0	MOTOROLA ASTRO DIGITAL XTL 5000 CONSOLETTA (UHF-R1)	86/26	21/7
CELL TOWER (QUANTICO STATION CELL SITE WA73XC367)	RFS SC1-220B	PARABOLIC	36.5	21200-23600	0.1	ALCATEL-LUCENT 95MPR23-C	10/3	10/3
CELL TOWER (QUANTICO STATION CELL SITE WA73XC367)	RFS SBX4-W100AMPT	PARABOLIC	40.1	10700-11700	1.0	ALCATEL-LUCENT 95MPR11 (HL [4 16 32 64 128 256 QAM])	27/8	10/3
CELL TOWER (QUANTICO STATION CELL SITE WA73XC367)	RFS SBX2-107A	PARABOLIC	35.1	10700-11700	1.0	ALCATEL-LUCENT 95MPR11 (HL [4 16 32 64 128 256 QAM])	15/5	10/3
CELL TOWER (QUANTICO STATION CELL SITE WA73XC367)	RFS APXV9ERR18-C (1800/1900 MHZ)	PANEL	16.7	1960-1980	18.0	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (1900 MHZ)	43/13	11/3
CELL TOWER (QUANTICO STATION CELL SITE WA73XC367)	RFS APXVSP18-C A20 (1900 MHZ)	PANEL	18.0	1960-1980	18.0	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (1900 MHZ)	49/15	12/4
CELL TOWER (QUANTICO STATION CELL SITE WA73XC367)	RFS APXV9ERR18-C (800 MHZ)	PANEL	14.0	869	72.5	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (800 MHZ)	141/43	35/11
CELL TOWER (QUANTICO STATION CELL SITE WA73XC367)	RFS APXVSP18-C A20 (800 MHZ)	PANEL	15.5	869	72.5	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (800 MHZ)	168/51	42/13
CELL TOWER (QUANTICO STATION CELL SITE WA73XC367)	RFS APXVSP18-C A20 (1900 MHZ)	PANEL	18.0	1960-1980	72.5	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (1900 MHZ)	99/30	25/8
CELL TOWER (QUANTICO STATION CELL SITE WA73XC367)	RFS APXV9ERR18-C (1800/1900 MHZ)	PANEL	16.7	1960-1980	72.5	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (1900 MHZ)	85/26	21/7
CELL TOWER (VERIZON CELL SITE AT QUANTICO STATION)	AMPHENOL BXA-185090-8CF-2	PANEL	16.0	1850-1990	96.0	ALCATEL LUCENT MODCELL 4.0B	96/29	24/7
CELL TOWER (VERIZON CELL SITE AT QUANTICO STATION)	AMPHENOL BXA-70063/4CF	PANEL	15.1	746-787	40.0	ALCATEL-LUCENT 9412 ENODEB	139/42	35/11
CELL TOWER (VERIZON CELL SITE AT QUANTICO STATION)	AMPHENOL BXA-185090-8CF	DIPOLE	16.5	1850-1990	16.0	ALCATEL LUCENT MODCELL 4.0B (PCS)	42/13	10/3
CELL TOWER (VERIZON CELL SITE AT QUANTICO STATION)	AMPHENOL BXA-185063/8CF	PANEL	18.5	1850-1990	16.0	ALCATEL LUCENT MODCELL 4.0B (PCS)	52/16	13/4

ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances	
							HERO UNSAFE ORDNANCE (feet/meters)	HERO SUSCEPTIBLE ORDNANCE (feet/meters)
CELL TOWER (VERIZON CELL SITE AT QUANTICO STATION)	AMPHENOL BXA-185040-8CF	PANEL	19.5	1850-1990	16.0	ALCATEL LUCENT MODCELL 4.0B (PCS)	59/18	15/4
CELL TOWER (VERIZON CELL SITE AT QUANTICO STATION)	AMPHENOL LPA-80090-4CF	LOG PERIODIC	13.6	869-894	20.0	ALCATEL LUCENT MODCELL 4.0B (CTS)	71/22	18/5
CELL TOWER (VERIZON CELL SITE AT QUANTICO STATION)	AMPHENOL LPA-80063-4CF	LOG PERIODIC	15.1	869-894	20.0	ALCATEL LUCENT MODCELL 4.0B (CTS)	84/26	21/6
CELL TOWER (VERIZON CELL SITE AT QUANTICO STATION)	AMPHENOL LPA-80040-4CF	LOG PERIODIC	18.1	869-894	20.0	ALCATEL LUCENT MODCELL 4.0B (CTS)	119/36	30/9
CELL TOWER (VERIZON CELL SITE AT QUANTICO STATION)	AMPHENOL BXA-70090-4CF	PANEL	13.0	746-787	90.0	ALCATEL-LUCENT 9412 ENODEB	163/50	41/12
CELL TOWER (VERIZON CELL SITE AT QUANTICO STATION)	AMPHENOL BXA-70040-4CF	PANEL	16.5	746-787	90.0	ALCATEL-LUCENT 9412 ENODEB	244/74	61/19
CELL TOWER (VERIZON CELL SITE AT QUANTICO STATION)	AMPHENOL BXA-70063-4CF	PANEL	15.1	746-787	90.0	ALCATEL-LUCENT 9412 ENODEB	208/63	52/16
ELMR TOWER (MOUT E-LMR SITE 21)	DBSPECTRA DS3B03F36U-N	DIPOLE	5.15	380-390	100.0	HARRIS MASTR V (UHF)	137/42	34/10
ELMR TOWER (TBS RANGE CONTROL E-LMR SITE 22)	DBSPECTRA DS3B03F36U-N	DIPOLE	5.15	380-390	100.0	HARRIS MASTR V (UHF)	137/42	34/10
FBI ACADEMY	EMS RV90-12-XXXA2	PANEL	13.3	851-896	52.0	MOTOROLA IDEN 800 AND 900	113/34	28/9
MARS TOWER	RFS CELLITE AP859012	PANEL	14.14	851-940	52.0	MOTOROLA IDEN 800 AND 900	124/38	31/9
MARS TOWER	SINCLAIR DSSC323-HT1LDF	COLLINEAR OMNI	5.1	380-400	110.0	MOTOROLA QUANTAR STATION REPEATER (380-520 MHZ) (X640)	143/43	36/11
MARS TOWER (E-LMR SITE 23)	DBSPECTRA DS3B03F36U-N	DIPOLE	5.15	380-390	100.0	HARRIS MASTR V (UHF)	137/42	34/10
MARS TOWER (SPRINT CELL SITE WA73XC357)	RFS APXVSP18-C A20 (800 MHZ)	PANEL	15.5	862.275-869	72.5	ALCATEL-LUCENT FD-RRH-2X50-800	169/52	42/13
MARS TOWER (SPRINT CELL SITE WA73XC357)	RFS APXVSP18-C A20 (800 MHZ)	PANEL	15.5	862.9	72.5	ALCATEL-LUCENT FD-RRH-2X50-800	169/51	42/13
MARS TOWER (SPRINT CELL SITE WA73XC357)	RFS APXVSP18-C A20 (800 MHZ)	PANEL	15.5	866.5	72.5	ALCATEL-LUCENT FD-RRH-2X50-800	168/51	42/13
MARS TOWER (SPRINT CELL SITE WA73XC357)	RFS APXVSP18-C A20 (1900 MHZ)	PANEL	18.0	1930-1995	72.5	ALCATEL LUCENET 1900 MHZ RRH	101/31	25/8
MARS TOWER (SPRINT CELL SITE WA73XC357)	RFS APXVTM14-ALU-120	CROSS POLARIZED ANTENNA	18.0	2496-2690	160.0	ALCATEL-LUCENT TD-RRH8X20	116/35	29/9
MARS TOWER (SPRINT CELL SITE WA73XC357)	RFS APXVSP18-C A20 (1900 MHZ)	PANEL	18.0	1930-1995	18.0	ALCATEL-LUCENT 1900 RRH	50/15	13/4

ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances	
							HERO UNSAFE ORDNANCE (feet/meters)	HERO SUSCEPTIBLE ORDNANCE (feet/meters)
MARS TOWER (SPRINT CELL SITE WA73XC357)	RFS APXVSPP18-C A20 (1900 MHZ)	PANEL	18.0	1930-1995	180.0	ALCATEL-LUCENT 1900 RRH (4 PORT)	159.48	40.12
MARS TOWER (SPRINT CELL SITE WA73XC357)	RFS APXVSPP18-C A20 (1900 MHZ)	PANEL	18.0	1930-1995	135.0	ALCATEL-LUCENT 1900 RRH (3 PORT)	137.42	34.10
MARS TOWER (SPRINT CELL SITE WA73XC357)	RFS APXVSPP18-C A20 (1900 MHZ)	PANEL	18.0	1930-1995	90.0	ALCATEL-LUCENT 1900 RRH (2 PORT)	112.34	28.9
MARS TOWER (SPRINT CELL SITE WA73XC357)	RFS APXVSPP18-C A20 (1900 MHZ)	PANEL	18.0	1946.25-1988.75	72.5	ALCATEL-LUCENT FD-RRH-4X40-1900	100.30	25.8
MARS TOWER (SPRINT CELL SITE WA73XC357)	RFS APXVSPP18-C A20 (1900 MHZ)	PANEL	18.0	1992.5	72.5	ALCATEL-LUCENT FD-RRH-4X40-1900	98.30	24.7
PSRS TOWER (NEAR BLDG 5170)	ICX TECHNOLOGIES STS-12000	PARABOLIC	37.4	16200-16600	0.5	ICX TECHNOLOGIES STS-12000 LONG-RANGE PERIMETER SURVEILLANCE RADAR	10.3	10.3
PSRS TOWER (NEAR BLDG 5170)	STS ST-101	PARABOLIC	37.4	16200-16800	0.5	STS ST-101 REMOTE DETECTION AND TRACKING SENSOR	10.3	10.3
RADAR HILL TOWER (NEW MCAF TRANSMITTER STTER)	TACO D2296	DIPOLE	1.0	117-137	10.0	CM-200 VHF	87.27	22.7
RADAR HILL TOWER (NEW MCAF TRANSMITTER STTER)	TACO D4074	MULDIPOL	1.0	225-400	10.0	CM-200 UHF	45.14	11.3
RIFFLE RANGE (SPRINT CELL SITE)	RFS APXV18-206516L-C	PANEL	17.6	1930-1945	60.0	LUCENT MODCELL 4.0 (6 CHANNELS)	87.27	22.7
RUNWAY 2 PSRS SITE (IN FIELD BTW RUNWAY 2 AND HMX-1 TAXIWAY)	STS PERIMETER SURVEILLANCE RADAR SYSTEM (PSRS)	6 INCH DIELECTRIC LENS	33.0	35112-35889	0.1	STS PERIMETER SURVEILLANCE RADAR SYSTEM (PSRS) (FMCW)	10.3	10.3
SHERATON (PENTAGON CITY E-LMR SITE 26)	DBSPECTRA DS3B03F36U-N	DIPOLE	5.15	380-390	100.0	HARRIS MASTR V (UHF)	137.42	34.10
STAFFORD WATER TOWER (SITE WA54XC851)	RFS SBX3-WI00AMPT	PARABOLIC	38.0	10700-11700	1.0	ALCATEL-LUCENT 95MPR11 (HL [4 16 32 64 128 256 QAM])	21.7	10.3
STAFFORD WATER TOWER (SITE WA54XC851)	RFS SCX2-220A	PARABOLIC	41.0	21200-23600	0.1	ALCATEL-LUCENT 95MPR23-C	10.3	10.3
STAFFORD WATER TOWER (SITE WA54XC851)	RFS APXV9ERR18-C (1800-1900 MHZ)	PANEL	16.7	1960-1980	18.0	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (1900 MHZ)	43.13	11.3
STAFFORD WATER TOWER (SITE WA54XC851)	RFS APXVSPP18-C A20 (800 MHZ)	PANEL	15.5	869	20.0	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (800 MHZ) (CELLULAR)	88.27	22.7
STAFFORD WATER TOWER (SITE WA54XC851)	RFS APXV9ERR18-C (1800-1900 MHZ)	PANEL	16.7	1960-1980	43.5	LUCENT TECHNOLOGIES CDMA MODCELL 4.0B (1900 MHZ)	66.20	17.5
VARIOUS	KING FISHER KF50037 (138-174 MHZ)	3DB GAIN HI BAND	5.1	133-174	1.0	KING FISHER KFRT120	39.12	10.3
VARIOUS	KING FISHER KF50037 (138-174 MHZ)	3DB GAIN HI BAND	5.1	138-174	1.0	KING FISHER KF3 (GOVERNMENT USE ONLY)	37.11	10.3
VARIOUS (GIANT VOICE SYSTEM)	LAIRD TECHNOLOGIES FG4103	OMNIDIRECTIONAL	5.1	410-420	40.0	MOTOROLA CDM750 (UHF I HIGH)	80.24	20.6
WATER TOWER (ARGONNE HILL SPRINT CELL SITE)	RFS CELLITE AP859012	PANEL	14.14	851-940	52.0	MOTOROLA IDEN 800 AND 900	124.38	31.9

ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances	
							HERO UNSAFE ORDNANCE (feet/meters)	HERO SUSCEPTIBLE ORDNANCE (feet/meters)
WATER TOWER (ARGONNE HILL)	AS-1018 URC	COLLINEAR DIPOLE ARRAY	5.0	225-400	50.0	AN GRT-22 (W. AM-6155 AMP.)	161.49	40.12
WATER TOWER (ARGONNE HILL)	AS-2809 SRC	DIPOLE	2.0	116-150	50.0	AN GRT-21 (W. AM-6154 AMP.)	220.67	55.17
WATER TOWER (ARGONNE HILL)	DECIBEL PRODUCTS DB264 (DIRECTIONAL)	DIPOLE	11.1	150-174	110.0	MOTOROLA MICOR	721.220	180.55
WATER TOWER (ARGONNE HILL)	DECIBEL PRODUCTS DB264 (OMNIDIRECTIONAL)	DIPOLE	8.1	150-174	110.0	MOTOROLA MICOR	510.156	128.39
WATER TOWER (ARGONNE HILL)	AS-3134 UPX	DIPOLE CIRCULAR ARRAY	19.0	1030	1.2	AN UPX-23 (HIGH)	27.8	10.3
WATER TOWER (ARGONNE HILL)	MONOPOLE	MONOPOLE	3.1	115-174	50.0	AN URC-200 (VHF) (WITH UPA-50)	252.77	63.19
WATER TOWER (ARGONNE HILL)	MONOPOLE	MONOPOLE	3.1	115-174	50.0	AN URC-200 (VHF) (UPA-55)	252.77	63.19
WATER TOWER (ARGONNE HILL)	OE-254 GRC	MULTI-ELEMENT	-9	30-88	50.0	AN PRC-119 (WITH AMP)	230.70	57.17
WATER TOWER (ARGONNE HILLS ATT CELL SITE)	KATHREIN SCALA 742-264 (1710-2180 MHZ)	65 DEGREE MULTIBAND DIRECTIONAL	16.8	1930-1945	16.0	LUCENT FLEXENT MODCELL	41.13	10.3
WATER TOWER (ARGONNE HILLS SPRINT CELL SITE)	RFS APXV18-206516L-C	PANEL	17.6	1930-1945	60.0	LUCENT MODCELL 4.0 (6 CHANNELS)	87.27	22.7
WATER TOWER (ARGONNE HILLS)	MONOPOLE	MONOPOLE	3.1	225-400	50.0	AN URC-200 (UHF) (WITH UPA-50)	129.39	32.10
WATER TOWER (ARGONNE HILLS)	MONOPOLE	MONOPOLE	3.1	225-400	50.0	AN URC-200 (UHF) (UPA-55)	129.39	32.10
WATER TOWER (ARGONNE HILLS)	WHIP	WHIP	2.1	66-79	1.0	ESTEEM MODEL 95	46.14	11.3
WATER TOWER (VERIZON CELL SITE AT WIDEWATER FACILITY)	COMMSCOPE HBXX-6517DS	DUALPOL QUAD	19.2	1950-1965	90.0	ALCATEL-LUCENT 9412 ENODEB	127.39	32.10
WATER TOWER (VERIZON CELL SITE AT WIDEWATER FACILITY)	COMMSCOPE HBXX-6517DS	DUALPOL QUAD	19.2	2120-2155	60.0	ALCATEL-LUCENT 9412 ENODEB	96.29	24.7
WATER TOWER (VERIZON CELL SITE AT WIDEWATER FACILITY)	AMPHENOL LPA-185080 8CF	LOG PERIODIC	16.5	1950-1965	120.0	ALCATEL-LUCENT 9412 ENODEB	108.33	27.8
WATER TOWER (VERIZON CELL SITE AT WIDEWATER FACILITY)	RFS APX75-868014-CTO	DUAL POLARIZED	16.1	746-787	90.0	ALCATEL-LUCENT 9412 ENODEB	233.71	58.18
15 (LIVERSEDGE HALL T-MOBILE CELL SITE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	869-894	33.0	ERICSSON RBS 2106 (GSM 800)	142.43	36.11
15 (LIVERSEDGE HALL T-MOBILE CELL SITE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	925-960	33.0	ERICSSON RBS 2106 (E-GSM 900)	134.41	33.10
15 (LIVERSEDGE HALL T-MOBILE CELL SITE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	1805-1880	25.0	ERICSSON RBS 2106 (GSM 1800)	60.18	15.5
15 (LIVERSEDGE HALL T-MOBILE CELL SITE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	1930-1990	25.0	ERICSSON RBS 2106 (GSM 1900)	56.17	14.4
27203 (WTBN WATER TOWER T-MOBILE CELL SITE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	925-960	28.0	ERICSSON RBS 2102	123.38	31.9
27203 (WTBN WATER TOWER T-MOBILE CELL SITE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	1805-1880	22.0	ERICSSON RBS 2102	56.17	14.4

ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances	
							HERO UNSAFE ORDNANCE (feet/meters)	HERO SUSCEPTIBLE ORDNANCE (feet meters)
27203 (WTBN WATER TOWER T-MOBILE CELL SITE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	1930-1990	22.0	ERICSSON RBS 2102	52/16	13/4
MARS TOWER (T-MOBILE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	869-894	33.0	ERICSSON RBS 2106 (GSM 800)	142/43	36/11
MARS TOWER (T-MOBILE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	925-960	33.0	ERICSSON RBS 2106 (E-GSM 900)	134/41	33/10
MARS TOWER (T-MOBILE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	1805-1880	25.0	ERICSSON RBS 2106 (GSM 1800)	60/18	15/5
MARS TOWER (T-MOBILE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	1930-1990	25.0	ERICSSON RBS 2106 (GSM 1900)	56/17	14/4
MOBILE	MK-145	WHIP	2.1	30-88	50.0	AN MRC-145 (HIGH)	324/99	81/25
MOBILE	MK-142	WHIP	2.1	1350-1850	3.0	AN MRC-142	10/3	10/3
MOBILE	MK-148	WHIP	2.1	1.6-29.9999	150.0	AN MRC-148 (HF HIGH)	561/171	140/43
MOBILE	MK-148	WHIP	2.1	30-59.9999	60.0	AN MRC-148 (VHF)	355/108	89/27
MOBILE	AS-4255	PARABOLIC GRID	20.0	1350-1850	3.0	AN MRC-142	37/11	10/3
MOBILE	AS-3567 PSC (LOW)	CROSSED DIPOLE	6.0	240-318	35.0	AN PSC-3 (SATCOM)	141/43	35/11
MOBILE	AS-3684 MRC	DIPOLE	2.1	30-88	50.0	AN MRC-145 (HIGH)	324/99	81/25
MOBILE	AT-271A PRC	WHIP	2.1	2-30	20.0	AN PRC-104 (SSB)	205/63	51/16
MOBILE	AT-1011 U	32-FOOT WHIP	2.1	2-30	400.0	AN GRC-193 (HIGH)	917/280	229/70
MOBILE	AS-1729 VRC	WHIP ANTENNA	2.1	30-76	50.0	AN MRC-145 (HIGH)	324/99	81/25
MOBILE	HARRIS 12099-0310-01	OMNIDIRECTIONAL	5.1	136-174	50.0	HARRIS UNITY XG-100M (VHF)	269/82	67/20
MOBILE	HARRIS 12099-0310-01	OMNIDIRECTIONAL	5.1	380-520	50.0	HARRIS UNITY XG-100M (UHF)	96/29	24/7
MOBILE	HARRIS 12099-0310-01	OMNIDIRECTIONAL	5.1	762-870	35.0	HARRIS UNITY XG-100M (700-800)	40/12	10/3
MOBILE	L-COM HG2405RD-RSP	DIPOLE	5.5	2402-2479	0.4	WIRELESS SOLUTION W-DMX OEM TRX (2.4 GHZ BAND)	10/3	10/3
MOBILE	HARRIS UNITY XG-100P	WHIP AND INTERNAL (BLUETOOTH)	0.9	2400-2483.5	0.1	HARRIS UNITY XG-100M (BLUETOOTH)	10/3	5/1.5
MOBILE	UVU-100	DIPOLE	2.5	116-150	5.0	PET 2000	74/23	18/6
MOBILE	UVU-100	DIPOLE	2.5	225-400	20.0	PET 2000	76/23	19/6
MOBILE	INTERNAL	INTERNAL	0.0	824-849	0.316	DRIVECAM DC3P DC-3P00-006CT	10/3	5/1.5
MOBILE	INTERNAL	INTERNAL	0.0	1850-1910	0.316	DRIVECAM DC3P DC-3P00-006CT	10/3	5/1.5
MOBILE	INTERNAL	INTERNAL	0.0	824-849	0.316	DRIVECAM DC3P DC-3P00-007CT	10/3	5/1.5
MOBILE	INTERNAL	INTERNAL	0.0	1850-1910	0.316	DRIVECAM DC3P DC-3P00-007CT	10/3	5/1.5
PORTABLE	MOTOROLA XTS 2500	STUB	0.9	380-470	5.0	MOTOROLA ASTRO XTS 2500 UHF R1	19/6	10/3
PORTABLE	WHIP	WHIP	2.1	2-30	20.0	AN PRC-138	205/63	51/16
PORTABLE	WHIP	WHIP	2.1	30-60	20.0	AN PRC-138	205/63	51/16
PORTABLE	AN PRC-119	WHIP	2.1	30-88	50.0	AN PRC-119 (WITH AMP)	324/99	81/25
PORTABLE	LST-5C	SATCOM	9.0	225-399.995	18.0	MOTOROLA LST-5C (FM, PM)	153/47	38/12
PORTABLE	HARRIS UNITY XG-100P	WHIP AND INTERNAL (BLUETOOTH)	0.9	380-520	5.0	HARRIS UNITY XG-100P (UHF)	19/6	10/3
PORTABLE	HARRIS XPNC8B (380-520 MHZ)	STUB	0.0	380-520	5.0	HARRIS UNITY XG-100P (UHF)	17/5	10/3

ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances	
							HERO UNSAFE ORDNANCE (feet/meters)	HERO SUSCEPTIBLE ORDNANCE (feet/meters)
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	698-806	2.0	CELLULAR TELEPHONE (HANDHELD) (3G, 4G MEDIAFLO, DVB-H)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	806-824	4.0	CELLULAR TELEPHONE (HANDHELD) (SMR IDEN)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	824-849	4.0	CELLULAR TELEPHONE (HANDHELD) (ANALOG DIGITAL)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	851-869	4.0	CELLULAR TELEPHONE (HANDHELD) (SMR IDEN)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	869-894	4.0	CELLULAR TELEPHONE (HANDHELD) (ANALOG DIGITAL)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1392-1395	2.0	CELLULAR TELEPHONE (HANDHELD) (1.4 GHZ)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1432-1435	2.0	CELLULAR TELEPHONE (HANDHELD) (1.4 GHZ)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1710-1755	2.0	CELLULAR TELEPHONE (HANDHELD) (3G 4G)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1805-1880	2.0	CELLULAR TELEPHONE (HANDHELD) (DCS1800 CELL PHONE BAND)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1850-1910	1.0	CELLULAR TELEPHONE (HANDHELD) (DIGITAL PCS BAND)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1930-1990	2.0	CELLULAR TELEPHONE (HANDHELD) (DIGITAL PCS BAND)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	2110-2155	2.0	CELLULAR TELEPHONE (HANDHELD) (3G 4G)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	2496-2690	2.0	CELLULAR TELEPHONE (HANDHELD) (4G)	10.3	10.3
PORTABLE	AS-2259 GR	NVIS	6.0	2-30	20.0	AN PRC-104 (SSB)	321.98	80.24
PORTABLE	AN PRC-148	30-90 MHZ BLADE OR 30-512 MHZ HELICAL WHIP	0.0	30-512	20.0	AN PRC-148(V)(C) MBITR (W MA6943)	161.49	40.12
PORTABLE	AN PRC-150 (RF 1940 SERIES)	BNC DIPOLE	6.0	3-60	20.0	AN PRC-150(C)	321.98	80.24
PORTABLE	AN PRC-119	WHIP	2.1	30-88	50.0	AN PRC-119 (WITH AMP)	324.99	81.25
PORTABLE	AN PRC-117F (90-512MHZ)	FLEX ANTENNA	2.1	225-420	20.0	AN PRC-117F(C) (UHF-LOS) (FM)	73.22	18.6
PORTABLE	AN PRC-117F (90-512MHZ)	FLEX ANTENNA	2.1	90-400	20.0	AN PRC-117F(C) (FM LOS)	182.55	45.14
PORTABLE	MOTOROLA XTS 5000	STUB	0.9	380-520	5.0	MOTOROLA XTS 5000 (UHF R1 R2)	19.6	10.3
PORTABLE	MOTOROLA HT 750	STUB	0.9	29-50	6.0	MOTOROLA HT 750 (HIGH)	98.30	24.7
PORTABLE	MOTOROLA HT 750	STUB	0.9	136-174	5.0	MOTOROLA HT 750 (HIGH)	52.16	13.4
PORTABLE	MOTOROLA HT 750	STUB	0.9	403-470	4.0	MOTOROLA HT 750 (HIGH)	16.5	10.3
WATER TOWER (ARGONNE HILL T-MOBILE CELL SITE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	869-894	33.0	ERICSSON RBS 2106 (GSM 800)	142.43	36.11
WATER TOWER (ARGONNE HILL T-MOBILE CELL SITE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	925-960	33.0	ERICSSON RBS 2106 (E-GSM 900)	134.41	33.10
WATER TOWER (ARGONNE HILL T-MOBILE CELL SITE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	1805-1880	25.0	ERICSSON RBS 2106 (GSM 1800)	60.18	15.5

ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances	
							HERO UNSAFE ORDNANCE (feet/meters)	HERO SUSCEPTIBLE ORDNANCE (feet/meters)
WATER TOWER (ARGONNE HILL T-MOBILE CELL SITE)	ERICSSON RR90-18-00DP	DUAL LINEAR SLANT	17.5	1930-1990	25.0	ERICSSON RBS 2106 (GSM 1900)	56/17	14/4
C-130 (HERCULES)								
ALTIMETER	LG-81A1	FLUSH-MOUNT	13.0	4290-4310	0.5	AN/APN-171(V)1	10/3	10/3
COMM	N/A	BLADE	3.0	225-400	10.0	AN/ARC-159(V)(CW)	57/17	14/4
COMM	N/A	BLADE	3.0	116-152	20.0	COLLINS 618M-2D	156/48	39/12
COMM	N/A	BLADE	3.0	118-136	25.0	COLLINS 618-M-2B	172/52	43/13
COMM	N/A	BLADE	3.0	30-88	16.0	AN/ARC-186(V)(FM)	203/62	51/16
COMM	N/A	BLADE	3.0	116-152	10.0	AN/ARC-186(V)(AM)	111/34	28/8
COMM	AS-3557 A	BLADE	0.0	30-88	15.0	AN/ARC-182(V) [FM (SINGARS)]	139/43	35/11
COMM	AS-3557 A	BLADE	0.0	118-156	10.0	AN/ARC-182(V)(VHF-AM)	77/23	19/6
COMM	AS-3557 A	BLADE	0.0	156-174	15.0	AN/ARC-182(V)(VHF-FM)	71/22	18/5
COMM	AS-3557 A	BLADE	0.0	225-400	15.0	AN/ARC-182(V)(UHF-FM)	49/15	12/4
COMM	AS-4129 ARC	BLADE	0.0	30-88	15.0	AN/ARC-182(V) [FM (SINGARS)]	139/43	35/11
COMM	AS-4129 ARC	BLADE	0.0	118-156	10.0	AN/ARC-182(V)(VHF-AM)	77/23	19/6
COMM	AS-4129 ARC	BLADE	0.0	156-174	15.0	AN/ARC-182(V)(VHF-FM)	71/22	18/5
COMM	AS-4129 ARC	BLADE	0.0	225-400	15.0	AN/ARC-182(V)(UHF-FM)	49/15	12/4
COMM	N/A	BLADE	3.0	225-400	10.0	AN/ARC-159(V)(CW)	57/17	14/4
IFF	N/A	BLADE	3.0	1090	5.0	AN/APX-72A	10/3	10/3
SEARCH	N/A	PARABOLIC	45.0	9500-10000	500.0	AN/APS-137(V)1	1203/367	301/92
C-17 (GLOBEMASTER)								
	AN/APS-133	PANEL	35.0	9345	7.2	AN/APS-133	46/14	12/4
1	AN/ARC-190 HF (C-17)		7.0	2-30	400.0	AN/ARC-190(V)(HIGH)	1612/491	403/123
1	AN/ARC-190 HF (C-17)		7.0	2-30	200.0	AN/ARC-190(V)(LOW)	1140/347	285/87
2	AS-3972 A (225-400 MHZ)	BLADE	0.0	225-400	23.0	AN/ARC-210(V)(FM)	61/19	15/5
2	AS-3972 A (225-400 MHZ)	BLADE	0.0	292-318	23.0	AN/ARC-210(V)(SATCOM)	47/14	12/4
2	AS-3972 A (108-174 MHZ)		-3.0	156-174	23.0	AN/ARC-210(V)(FM 2 HIGH)	63/19	16/5
2	AS-3972 A (80 MHZ)	BLADE	-5.0	80	23.0	AN/ARC-210(V)(FM 1 HIGH)	97/30	24/7
2	AS-3972 A (30 MHZ)	BLADE	-14.0	30	23.0	AN/ARC-210(V)(FM 1 HIGH)	34/11	10/3
3	AS-3972 A (30 MHZ)	BLADE	-14.0	30	23.0	AN/ARC-210(V)(FM 1 HIGH)	34/11	10/3
3	AS-3972 A (225-400 MHZ)	BLADE	0.0	225-400	23.0	AN/ARC-210(V)(FM)	61/19	15/5
3	AS-3972 A (225-400 MHZ)	BLADE	0.0	292-318	23.0	AN/ARC-210(V)(SATCOM)	47/14	12/4
3	AS-3972 A (108-174 MHZ)		-3.0	156-174	23.0	AN/ARC-210(V)(FM 2 HIGH)	63/19	16/5
3	AS-3972 A (80 MHZ)	BLADE	-5.0	80	23.0	AN/ARC-210(V)(FM 1 HIGH)	97/30	24/7
4	COBHAM 19-430-10	UHF SATCOM	6.0	225-400	125.0	AN/ARC-210(V) W/AMPLIFIERS (AM-7526)	285/87	71/22
4	COBHAM 19-430-10	UHF SATCOM	6.0	225-400	100.0	AN/ARC-210(V) W/AMPLIFIERS (AM-7581 SRC)	255/78	64/19
4	COBHAM 19-430-10	UHF SATCOM	6.0	225-400	80.0	AN/ARC-210(V) W/AMPLIFIERS (XRF-669 LOW BAND PA)	228/69	57/17
4	COBHAM 19-430-10	UHF SATCOM	6.0	225-400	23.0	AN/ARC-210(V) W/AMPLIFIERS (NORMAL FM)	122/37	31/9
4	COBHAM 19-430-10	UHF SATCOM	6.0	292-318	125.0	AN/ARC-210(V) W/AMPLIFIERS [AM-7565 (SATCOM)]	219/67	55/17
4	COBHAM 19-430-10	UHF SATCOM	6.0	292-318	23.0	AN/ARC-210(V) W/AMPLIFIERS (SATCOM)	94/29	24/7
4	COBHAM 19-430-10	UHF SATCOM	6.0	400	100.0	AN/ARC-210(V) W/AMPLIFIERS (POLE ZERO AMPLIFIER)	143/44	36/11

ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances	
							HERO UNSAFE ORDNANCE (feet/meters)	HERO SUSCEPTIBLE ORDNANCE (feet/meters)
C-17 (GLOBEMASTER) (CONT.)								
4	COBHAM 19-430-10	UHF SATCOM	6.0	400	5.0	AN/ARC-210(V) W/AMPLIFIERS (FM)	32/10	10/3
5	AN/ARC-186 UHF (C-17)	BLADE	2.0	30-88	16.0	AN/ARC-186(V) (FM)	181/55	45/14
5	AN/ARC-186 UHF (C-17)	BLADE	2.0	116-152	10.0	AN/ARC-186(V) (AM)	99/30	25/8
6	AN/ARC-164 UHF (C-17)	BLADE	5.0	225-400	30.0	AN/ARC-164 (RT-1146)	124/38	31/9
6	AN/ARC-164 UHF (C-17)	BLADE	5.0	225-400	10.0	AN/ARC-164 (RT-1145)	72/22	18/5
F-35 (LIGHTNING II)								
UHF COMMS	BLADE	BLADE	2.1	225-400	22.0	AN/ASQ-242(V)1 [UHF (AM FM)]	76/23	19/6
VHF COMMS	BLADE	BLADE	2.1	30-88	50.0	AN/ASQ-242(V)1 (SINCGARS AND LOW VHF)	324/99	81/25
VHF COMMS	BLADE	BLADE	2.1	116-156	22.0	AN/ASQ-242(V)1 [VHF (AM)]	148/45	37/11
VHF COMMS	BLADE	BLADE	2.1	136-174	50.0	AN/ASQ-242(V)1 [VHF (FM)]	190/58	48/14
VHF COMMS	BLADE	BLADE	2.1	225-400	22.0	AN/ASQ-242(V)1 [UHF (AM FM)]	76/23	19/6
H-3H (SEA KING)								
ALTIMETER	AS-1858/APN	DUAL HORN	13.0	4300	0.5	AN/APN-171(V)1	10/3	10/3
HF	939149	LONGWIRE	2.1	2-30	150.0	AN/ARC-199 (HIGH)	561/171	140/43
IFF	AT-741B A	BLADE	2.6	1090	5.0	AN/APX-72A	10/3	10/3
N/A	LONGWIRE	LONGWIRE	2.1	2-30	400.0	COLLINS 618T	917/280	229/70
N/A	LONGWIRE	LONGWIRE	2.1	2-30	400.0	AN/ARC-190(V) (HIGH)	917/280	229/70
TACAN	AS-3392/ASQ	BLADE	3.0	1025-1150	10.9	AN/ARN-118(V)	13/4	10/3
UHF	AT-1256/ARC	STUB	3.0	225-400	10.0	AN/ARC-159(V) (CW)	57/17	14/4
VHF	BLADE	BLADE	2.1	160-172	20.0	AN/URC-112 (HIGH)	102/31	26/8
VHF	BLADE	BLADE	2.1	225-416	20.0	AN/URC-112 (HIGH)	73/22	18/6
VHF	AT-141A/ARC	BLADE	2.1	30-88	16.0	AN/ARC-186(V) (FM)	183/56	46/14
VHF	AT-141A/ARC	BLADE	2.1	116-152	10.0	AN/ARC-186(V) (AM)	100/30	25/8
MV-22 (OSPREY)								
ALTIMETER	HORN	HORN	10.5	4250-4350	0.6	AN/APN-194(V)	10/3	10/3
COMMS	AS-3191/A	BLADE	2.1	30-88	23.0	AN/ARC-210(V) (FM 1 HIGH)	220/67	55/17
COMMS	AS-3191/A	BLADE	2.1	108-156	15.0	AN/ARC-210(V) (AM 1 HIGH)	131/40	33/10
COMMS	AS-3191/A	BLADE	2.1	156-174	23.0	AN/ARC-210(V) (FM 2 HIGH)	112/34	28/9
COMMS	AS-3191/A	BLADE	2.1	225-400	23.0	AN/ARC-210(V) (FM)	78/24	19/6
COMMS	AS-3191/A	BLADE	2.1	30-88	50.0	AN/ARC-210(V) W/AMPLIFIERS (AM-7189A)	324/99	81/25
COMMS	AS-3191/A	BLADE	2.1	108-156	100.0	AN/ARC-210(V) W/AMPLIFIERS (AM-7581/SRC)	339/103	85/26
COMMS	AS-3191/A	BLADE	2.1	156-174	100.0	AN/ARC-210(V) W/AMPLIFIERS (AM-7581/SRC)	235/72	59/18
COMMS	AS-3191/A	BLADE	2.1	225-400	100.0	AN/ARC-210(V) W/AMPLIFIERS (AM-7581/SRC)	163/50	41/12
IFF	BLADE	BLADE	2.1	1090	0.56	AN/APX-100(V)1	10/3	10/3
TACAN	BLADE	BLADE	2.1	962-1213	10.8	AN/ARN-153(V) (TCN-500)	12/4	10/3
LCAC								
ARC-210 BLADE (VHF-UHF)	AS-3191/A	BLADE	2.1	30.0-88.0	50.0	AN/ARC-210(V) W/AMPLIFIERS (AM-7189A)	324/99	81/25
ARC-210 BLADE (VHF-UHF)	AS-3191/A	BLADE	2.1	108.0-156.0	100.0	AN/ARC-210(V) W/AMPLIFIERS (AM-7581/SRC)	339/103	85/26
ARC-210 BLADE (VHF-UHF)	AS-3191/A	BLADE	2.1	156.0-174.0	100.0	AN/ARC-210(V) W/AMPLIFIERS (AM-7581/SRC)	235/72	59/18

ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg. Power (watts)	Transmitter Type	Separation Distances	
							HERO UNSAFE ORDNANCE (feet/meters)	HERO SUSCEPTIBLE ORDNANCE (feet/meters)
LCAC (CONT.)								
ARC-210 BLADE (VHF-UHF)	AS-3191/A	BLADE	2.1	225.0-400.0	125.0	AN ARC-210(V) W/AMPLIFIERS (AM-7526)	182.55	45.14
ARC-210 WHIP (VHF-UHF)	UNISYS FM 11-353	WHIP	1.5	30.0-88.0	50.0	AN ARC-210(V) W/AMPLIFIERS (AM-7189A)	303.92	76.23
ARC-210 WHIP (VHF-UHF)	UNISYS FM 11-353	WHIP	1.5	108.0-156.0	100.0	AN ARC-210(V) W/AMPLIFIERS (AM-7581 SRC)	316.96	79.24
ARC-210 WHIP (VHF-UHF)	UNISYS FM 11-353	WHIP	1.5	156.0-174.0	100.0	AN ARC-210(V) W/AMPLIFIERS (AM-7581 SRC)	219.67	55.17
ARC-210 WHIP (VHF-UHF)	UNISYS FM 11-353	WHIP	1.5	225.0-400.0	125.0	AN ARC-210(V) W/AMPLIFIERS (AM-7526)	170.52	42.13
ARC-220 WIRE (HF)	LONGWIRE	LONGWIRE	2.1	2.0-30.0	175.0	AN ARC-220 (MT 7107 POWER AMPLIFIER)	606.185	152.46
EPLRS BLADE (UHF)	AS-3447/ASQ-177	BLADE	4.0	420.0-450.0	20.0	AN VSQ-2D(V) (EPLRS) (ENM 20)	48.15	12.4
IFF DIPOLE	AS-177B/UPX	MODIFIED DIPOLE	2.8	1090.0	0.56	AN APX-100(V)1	10.3	10.3
N/A	DIPOLE	DIPOLE	2.1	30.0-88.0	50.0	AN VRC-90A	324.99	81.25
N/A	DIPOLE	DIPOLE	2.1	30.0-88.0	50.0	AN VRC-89A	324.99	81.25
NAV RADAR ARRAY	FURUNO XN10A	SLOTTED WAVEGUIDE ARRAY	26.0	9380.0-9440.0	18.0	FURUNO FAR-2127 (48 NM)	26.8	10.3
NAV RADAR ARRAY	BRIDGE MASTER E (X-BAND) 4 FT	SLOTTED ARRAY	31.1	9380.0-9440.0	14.72	BRIDGEMASTER E (X-BAND) NAVIGATIONAL RADAR (HIGH POWER, LONG PULSE)	42.13	11.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	698.0-806.0	2.0	CELLULAR TELEPHONE (HANDHELD) (3G, 4G MEDIAFLO, DVB-H)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	806.0-824.0	4.0	CELLULAR TELEPHONE (HANDHELD) (SMR IDEN)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	824.0-849.0	4.0	CELLULAR TELEPHONE (HANDHELD) (ANALOG DIGITAL)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	851.0-869.0	4.0	CELLULAR TELEPHONE (HANDHELD) (SMR IDEN)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	869.0-894.0	4.0	CELLULAR TELEPHONE (HANDHELD) (ANALOG DIGITAL)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1392.0-1395.0	2.0	CELLULAR TELEPHONE (HANDHELD) (1.4 GHZ)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1432.0-1435.0	2.0	CELLULAR TELEPHONE (HANDHELD) (1.4 GHZ)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1710.0-1755.0	2.0	CELLULAR TELEPHONE (HANDHELD) (3G 4G)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1805.0-1880.0	2.0	CELLULAR TELEPHONE (HANDHELD) (DCS1800 CELL PHONE BAND)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1850.0-1910.0	1.0	CELLULAR TELEPHONE (HANDHELD) (DIGITAL PCS BAND)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	1930.0-1990.0	2.0	CELLULAR TELEPHONE (HANDHELD) (DIGITAL PCS BAND)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	2110.0-2155.0	2.0	CELLULAR TELEPHONE (HANDHELD) (3G 4G)	10.3	10.3
PORTABLE	CELLULAR TELEPHONE	STUB	3.1	2496.0-2690.0	2.0	CELLULAR TELEPHONE (HANDHELD) (4G)	10.3	10.3
TROOP CMDR	DIPOLE	DIPOLE	2.1	30.0-52.95	2.0	AN PRC-77 (LOW BAND)	65.20	16.5
TROOP CMDR	DIPOLE	DIPOLE	2.1	53.0-75.95	2.0	AN PRC-77 (HIGH BAND)	65.20	16.5

ANTENNA AND TRANSMITTER SYSTEMS (CONT.)

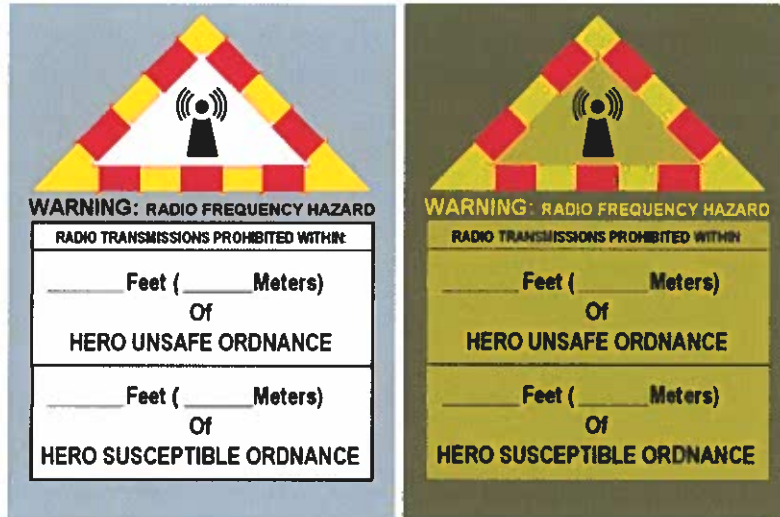
Antenna Location	Antenna Nomenclature	Antenna Type	Antenna Gain (dBi)	Transmitter Frequency (MHz)	Transmitter Max. Avg Power (watts)	Transmitter Type	Separation Distances	
							HERO UNSAFE ORDNANCE (feet/meters)	HERO SUSCEPTIBLE ORDNANCE (feet/meters)
LCAC (CONT.)								
XTS 5000 STUB (PORTABLE)	MOTOROLA XTS 5000	STUB	0.9	136.0-174.0	6.0	MOTOROLA XTS 5000R (VHF)	57/17	14/4
XTS 5000 WHIP (INSTALLED)	COMANT C1177-13	STUB	3.0	138-174.0	6.0	MOTOROLA XTS 5000R (VHF)	72/22	18/5

HERO WARNING LABEL AND WARNING SYMBOL

Enclosure (7)

HERO WARNING LABEL AND WARNING SYMBOL

The HERO warning label (white and olive drab versions shown below) shall be affixed to mobile and portable emitter systems such as radios and cellular phones. This warning label alerts the emitter operator to a potential hazard if the emitter is operated within the prescribed distance of ordnance operations.



HERO WARNING LABEL

The label has blank spaces for inserting HERO UNSAFE ORDNANCE and HERO SUSCEPTIBLE ORDNANCE safe separation distances. The distances are obtained from enclosure (6) of this instruction for individual mobile or portable emitter systems.

The recommended HERO warning symbol is shown below. This symbol is placed at entry points to ordnance operations areas (e.g., missile assembly, ammunition pier, etc.) to alert operators of mobile and portable emitter systems such as radios and cellular phones to a potential hazard when using radios and cellular phones past this point. Guidance for manufacturing symbols is provided below.



HERO WARNING SYMBOL

Materials: Anodized aluminum, adhesive backing optional.

Colors: Base material of anodized silver background; black anodized messages in bottom triangle; alternating colored blocks of anodized red and yellow in a border surrounding black anodized logogram in top triangle.

Logogram: Design will be a pictorial presentation of a radar antenna consisting of a pylon with a dot simulating an antenna and concentric area simulating pulsed energy.

Wording: The title, **WARNING: RADIO FREQUENCY HAZARD**, is standard for all symbols; the messages in the lower triangle will vary according to particular situation; use of descriptive wording or warning information is the user's option.

INSTALLATION CALL LIST FOR HERO EMCON

INSTALLATION CALL LIST FOR HERO EMCON

MCBQ Explosives Safety Officer	703-432-1092
Ammunition Supply Point OIC	703-784-5711/5744
MCBQ EOD Team	703-784-5314
MCAF Operations	703-784-1449
MCAF Safety Manager	703-432-1365
Fire Department Dispatch	703-784-2636
Range Control Fire Desk	703-784-5321
MCBQ Spectrum Manager	703-784-4212
Base CDO	703-784-2701