

JOINT MESSAGE FORM

SECURITY CLASSIFICATION

UNCLASSIFIED

PAGE	DTG RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMF	CIC	ORIG MSG IDENT
	DATE TIME	MONTH	YR	ACT	INFO					
01 OF				PP		UUUU				1601400

BOOK MESSAGE HANDLING INSTRUCTIONS

FROM: CG MCB CAMP LEJEUNE NC//TFAC//

TO: CMC WASHINGTON DC//T//

- INFO CG FMFLANT  
 CG II MEF  
 CG SECOND MARDIV  
 CG SECOND FSSG  
 CG SIXTH MEB  
 CG MCB CAMP PENDLETON CA  
 CG MCB CAMP BUTLER JA  
 CG MCB QUANTICO VA

UNCLAS //N01500//

SUBJ: CHANGE TO MCO P3570.1A

- A. MCO P3570.1A
- B. CG MCB CAMP LEJEUNE 041804Z SEP 87 {NOTAL}
- 1. REF A PROVIDES POLICIES AND PROCEDURES FOR FIRING AMMUNITION FOR TRNG, TARGET PRACTICE, AND COMBAT. PARA 1-6 OF REF A ADDRESSES WAIVER AUTHORITY. THE COMMANDING GENERALS OF MAJOR MARINE CORPS BASES WHO ARE ULTIMATELY RESPONSIBLE FOR SAFETY ARE NOT LISTED IN PARA 1-6 WHILE FMF TENANT COMMANDS AND OTHER MARINE CORPS INSTALLA-

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DISTR |TFAC|TRNG|GSTF|OCDR|SSTF|OICB|BCOS|BSDO|CEOA|

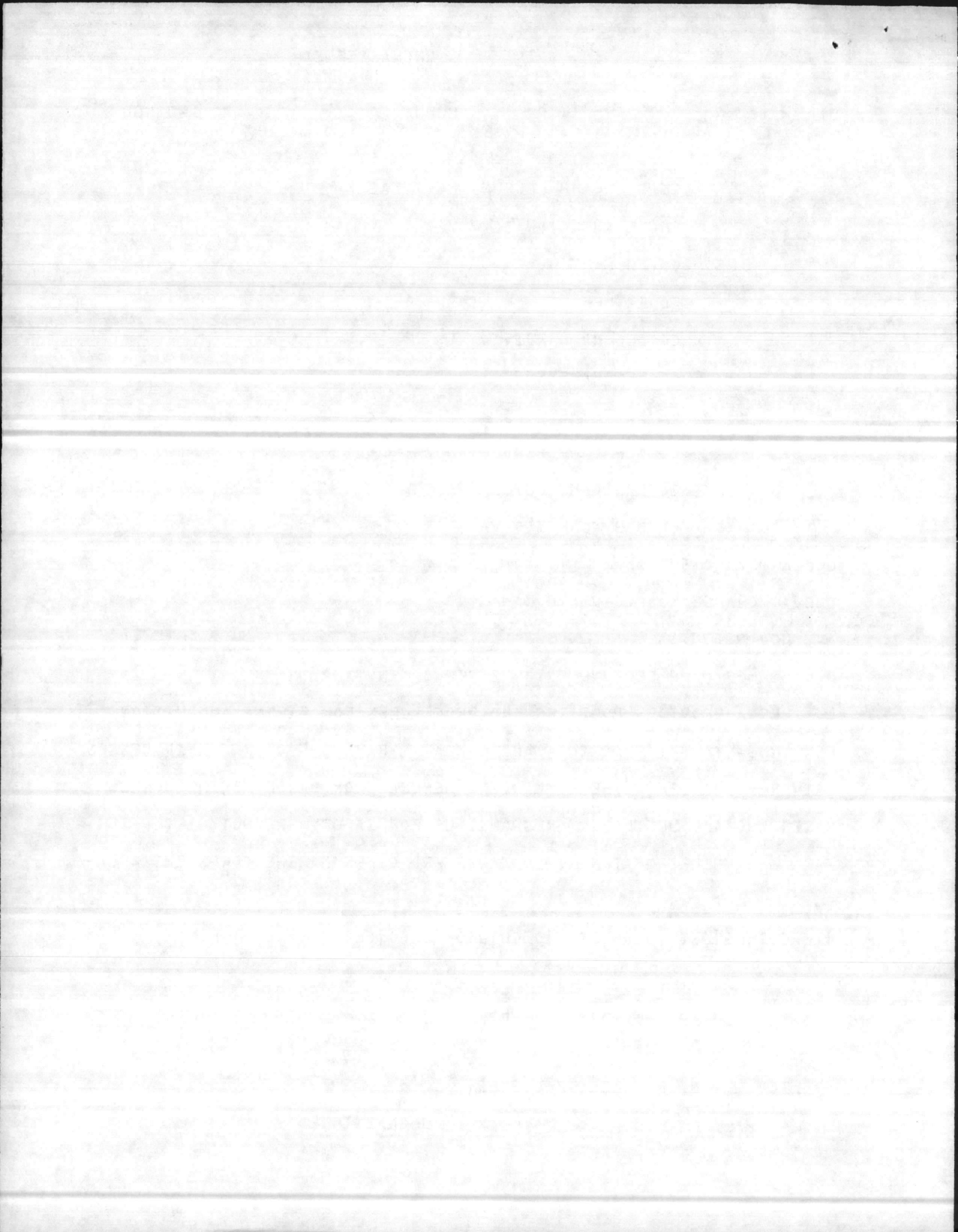
MR. D. J. HASHAGEN SR |TFAC|3065|

*AC/S, TRNG/OPS*  
*C/S*  
*CG*

LTCOL D. N. BUCKNER |TFAC|5803|

*[Signature]*

UNCLASSIFIED



JOINT MESSAGEFORM

SECURITY CLASSIFICATION

UNCLASSIFIED

PAGE <b>02 OF 02</b>	DTG RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMF	CIC	ORIG MSG IDENT.
	DATE-TIME	MONTH	YR	ACT	INFO	<b>UUUU</b>				<b>1601400</b>
BOOK	MESSAGE HANDLING INSTRUCTIONS									

TIONS ARE LISTED. THE RANGE CONTROL/RANGE SAFETY FUNCTION IS A  
BASE RESPONSIBILITY AT ALL MARINE CORPS BASES.

2. IT IS REQUESTED THAT CMC DELEGATE WAIVER AUTHORITY TO COM-  
MANDING GENERALS OF MARINE CORPS BASES AND INCORPORATE SAME INTO  
REF A. REF B ADDRESSED THIS PROBLEM AS A TRAINING RESTRICTION.

3. REQ ADVISE BY 17 JUN 88 AS DECISION REGARDING TRAINING FOR  
DIV SCHOOLS IS PENDING. POC IS MR. D. J. HASHAGEN AUTOVON 484-3065.

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DISTR.

DRAFTER TYPED NAME, TITLE, GRADE, BRANCH, AND ADDRESS		SPECIAL INSTRUCTIONS	
TYPED NAME, TITLE, GRADE, BRANCH, AND ADDRESS		SECURITY CLASSIFICATION	
SIGNATURE			
		<b>UNCLASSIFIED</b>	



The following is a list of the lands which have been surveyed and  
 the names of the persons to whom they have been granted, together  
 with the date of the grant, and the amount of the purchase money  
 paid by each grantee.

Name of Grantee	Date of Grant	Amount of Purchase Money
John Smith	1875	\$1000
Jane Doe	1876	\$1500
Robert Brown	1877	\$2000
William White	1878	\$2500
Elizabeth Black	1879	\$3000
Thomas Green	1880	\$3500
Mary Johnson	1881	\$4000
James Wilson	1882	\$4500
Ann Taylor	1883	\$5000
George King	1884	\$5500
Charlotte Lee	1885	\$6000
Richard Hall	1886	\$6500
Frances Adams	1887	\$7000
Henry Clark	1888	\$7500
Isabella Scott	1889	\$8000
John Walker	1890	\$8500
Elizabeth Young	1891	\$9000
Thomas Hill	1892	\$9500
Mary King	1893	\$10000
James Lee	1894	\$10500
Ann Scott	1895	\$11000
George Walker	1896	\$11500
Charlotte Young	1897	\$12000
Richard Hill	1898	\$12500
Frances King	1899	\$13000
Henry Lee	1900	\$13500
Isabella Scott	1901	\$14000
John Walker	1902	\$14500
Elizabeth Young	1903	\$15000
Thomas Hill	1904	\$15500
Mary King	1905	\$16000
James Lee	1906	\$16500
Ann Scott	1907	\$17000
George Walker	1908	\$17500
Charlotte Young	1909	\$18000
Richard Hill	1910	\$18500
Frances King	1911	\$19000
Henry Lee	1912	\$19500
Isabella Scott	1913	\$20000
John Walker	1914	\$20500
Elizabeth Young	1915	\$21000
Thomas Hill	1916	\$21500
Mary King	1917	\$22000
James Lee	1918	\$22500
Ann Scott	1919	\$23000
George Walker	1920	\$23500
Charlotte Young	1921	\$24000
Richard Hill	1922	\$24500
Frances King	1923	\$25000
Henry Lee	1924	\$25500
Isabella Scott	1925	\$26000
John Walker	1926	\$26500
Elizabeth Young	1927	\$27000
Thomas Hill	1928	\$27500
Mary King	1929	\$28000
James Lee	1930	\$28500
Ann Scott	1931	\$29000
George Walker	1932	\$29500
Charlotte Young	1933	\$30000
Richard Hill	1934	\$30500
Frances King	1935	\$31000
Henry Lee	1936	\$31500
Isabella Scott	1937	\$32000
John Walker	1938	\$32500
Elizabeth Young	1939	\$33000
Thomas Hill	1940	\$33500
Mary King	1941	\$34000
James Lee	1942	\$34500
Ann Scott	1943	\$35000
George Walker	1944	\$35500
Charlotte Young	1945	\$36000
Richard Hill	1946	\$36500
Frances King	1947	\$37000
Henry Lee	1948	\$37500
Isabella Scott	1949	\$38000
John Walker	1950	\$38500
Elizabeth Young	1951	\$39000
Thomas Hill	1952	\$39500
Mary King	1953	\$40000
James Lee	1954	\$40500
Ann Scott	1955	\$41000
George Walker	1956	\$41500
Charlotte Young	1957	\$42000
Richard Hill	1958	\$42500
Frances King	1959	\$43000
Henry Lee	1960	\$43500
Isabella Scott	1961	\$44000
John Walker	1962	\$44500
Elizabeth Young	1963	\$45000
Thomas Hill	1964	\$45500
Mary King	1965	\$46000
James Lee	1966	\$46500
Ann Scott	1967	\$47000
George Walker	1968	\$47500
Charlotte Young	1969	\$48000
Richard Hill	1970	\$48500
Frances King	1971	\$49000
Henry Lee	1972	\$49500
Isabella Scott	1973	\$50000
John Walker	1974	\$50500
Elizabeth Young	1975	\$51000
Thomas Hill	1976	\$51500
Mary King	1977	\$52000
James Lee	1978	\$52500
Ann Scott	1979	\$53000
George Walker	1980	\$53500
Charlotte Young	1981	\$54000
Richard Hill	1982	\$54500
Frances King	1983	\$55000
Henry Lee	1984	\$55500
Isabella Scott	1985	\$56000
John Walker	1986	\$56500
Elizabeth Young	1987	\$57000
Thomas Hill	1988	\$57500
Mary King	1989	\$58000
James Lee	1990	\$58500
Ann Scott	1991	\$59000
George Walker	1992	\$59500
Charlotte Young	1993	\$60000
Richard Hill	1994	\$60500
Frances King	1995	\$61000
Henry Lee	1996	\$61500
Isabella Scott	1997	\$62000
John Walker	1998	\$62500
Elizabeth Young	1999	\$63000
Thomas Hill	2000	\$63500



## Chapter 1 General

### 1-1. Purpose

This regulation prescribes general safety precautions necessary to minimize the possibility of accidents in the firing and other uses of ammunition and explosives by troops in training, target practice, and as much as possible, combat and range operations, including range clearance.

### 1-2. References

Required and related publications are listed in appendix A.

### 1-3. Responsibilities

*a.* Commanding General, US Army Training and Doctrine Command (TRADOC); Commanding General, US Army Forces Command (FORSCOM); Commanding General, US Army Materiel Development and Readiness Command (DARCOM); Commanding generals of oversea commands are responsible for assuring that range safety procedures are established consistent with this regulation.

*b.* The Commanding Generals of Fleet Marine Forces, Atlantic and Pacific; commanding generals of all supporting establishment commands; and the Commanding Generals of the 4th Marine Division and the 4th Marine Aircraft Wing are responsible for assuring that range safety procedures are established consistent with this regulation.

### 1-4. Explanation of terms

Abbreviations and special terms used in this regulation are explained in the glossary.

### 1-5. Special instructions

*a.* Instructions and dimensions for surface danger zone diagrams (safety fans) will be developed and specific danger areas will be indicated. The depicted surface danger zones are the minimum requirements. They are adequate only when employed with properly functioning safety equipment and devices, and when trained and competent personnel follow firing procedures (See sample drawings in figs 1-1 and 1-2).

*b.* In training with ammunition and explosives, general firing requirements will be followed. However, under certain conditions, specific types of firings may be conducted at locations having less land or air area than required. By employing additional controls and limiting the types of firings, the desired firing can sometimes be achieved under less restrictive conditions. (see waivers in para 1-6.)

*c.* The following types of procedures must be developed:

(1) Standing operational procedures (SOP) for the safe firing of specific munitions and explosive devices.

(2) Operational procedures for planning and conducting range clearance operations.

(3) Local procedures or regulations designed to minimize the potential for personal injury and property damage that prescribe or refer to additional precautions in applicable technical manuals (TMs) and field manuals (FMs) for the particular weapon, munition, explosive device, and classes of fire.

*d.* During prefiring preparations and firing, all munitions, components, and explosives will be handled according to the applicable TMs and FMs.

*e.* Any person who observes a condition that makes firing dangerous will promptly command CEASE FIRING and will give the locally prescribed signal for cease firing to the firing unit. This command signal will be included in the local firing SOP.

*f.* Accidents caused by firing or evidence that would indicate that the safety provisions of this regulation are inadequate will be reported by letter. The letter must give all pertinent information on the alleged inadequacy of the regulation (exempt report, para 5-2*n*, AR 335-15).

(1) Army activities will send reports to the Commander, US Army Training and Doctrine Command, ATTN: ATEN-S, Fort Monroe, VA 23651.

(2) Marine Corps activities will send reports through the normal chain of command in accordance with MCO 8025.1 to the Commandant of the Marine Corps (Code T), Washington, DC 20380.

(3) National Guard activities will send reports to the Chief, National Guard Bureau, ATTN: ARNG Safety Office (NGB-AVN-S), Aberdeen Proving Ground, MD 21010.

### 1-6. Waivers

*a.* The following persons may waive safety criteria of this regulation if it is acceptably safe and is in the best interest of the United States.

(1) Commander of each major Army command (MACOM).

(2) Superintendent, USMA.

(3) Chief, National Guard Bureau.

(4) Commanding generals of Fleet Marine Force, Atlantic.

(5) Fleet Marine Force, Pacific.

(6) All Marine Corps recruit depots, air stations, air station (helicopter).

*b.* Airspace requirements may be waived by the Federal Aviation Administration (FAA) only.

c. Water traffic requirements, as they apply to firing over navigable waters, may be waived by the US Army Corps of Engineers only.

d. The authority delegated to a commanding general may be subdelegated to a general officer in a command position. This authority may not be further subdelegated. An installation commander delegated waiver authority will be limited to—

(1) Reducing the dimensions of surface danger areas when the terrain, artificial barriers, or other controlling factors make smaller areas safe,

(2) Modifying prescribed firing procedures appropriate to the training of participating troops to increase realism in training.

e. Commanders of each MACOM; the Chief, National Guard Bureau; and the Commandant of the Marine Corps may communicate directly with the CG, TRADOC (ATEN-S). They will obtain technical information that will help them to determine if it is advisable to grant waivers. When feasible, any range that fails to meet requirements will be redesigned, rebuilt, or relocated. A central register of waivers granted will be maintained at the MACOM level. It will be reviewed annually for corrections made. Marine Corps commanders will submit requests for technical assistance through normal chain of command channels to the Commandant of the Marine Corps (Code LMG).

f. The waiver authority does not affect the waiver responsibility in AR 385-62 and AR 385-64. It does not permit waiver of airspace safety requirements (para 2-2) and water traffic requirements (para 2-3).

g. The range safety planning for the firing of any ammunition and explosives must include the type of ammunition or explosives, the available terrain, purpose of the firing, atmospheric conditions, adequacy of safety equipment, and procedures. Projectiles or debris caused by firing ammunition or explosives must be contained

within the boundaries of the surface danger zone.

h. Only personnel thoroughly trained and qualified in firing ammunition complete rounds or their components will take part in combat firing and combined arms exercises. This will be on special courses designated for mental conditioning for actual combat.

i. When the technical assistance of TRADOC, the Commandant of the Marine Corps, or Chief, National Guard Bureau (*e* above) is requested, the MACOM will furnish, in writing, the following data to assist in evaluation.

(1) A statement citing the paragraph of this regulation to be waived.

(2) Description of conditions, scaled maps showing distances to internal and external exposures, topographical maps of the area, personnel involved, and facilities exposed.

(3) The type of ammunition and weapons as identified in proper technical manuals.

(4) Map coordinates of the firing position and quadrant elevation of fire. The firing position and direction of fire will be plotted on the scaled map and a scaled surface danger zone will be furnished as an overlay for the map. All distances will be shown in meters.

(5) An SOP for firing and range control.

(6) Other precautions that will be taken to achieve safety in operations to fully compensate for the lack of compliance with this regulation.

(7) Profiles through the gun-target-line showing the relative elevation of the piece to be fired, the target, and earthen backstop, if any. Also, furnish profiles from the firing position through the right and left limits of fire.

(8) A MACOM position statement recommending approval or disapproval or modification of the basic request for training.

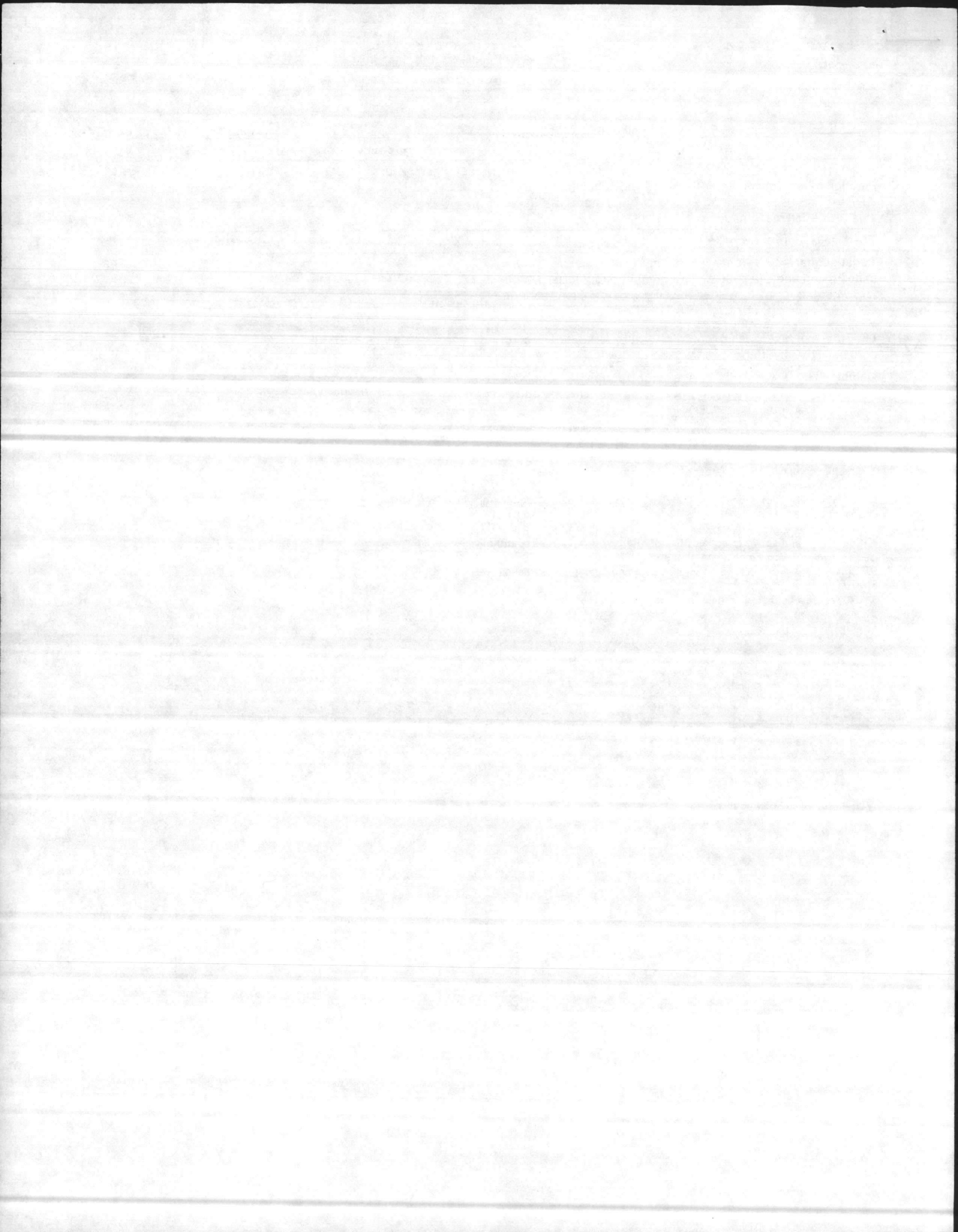
**Table 4-1**  
**Officer in charge and range safety officer requirements**

Weapon system	Officer in charge <sup>1</sup>			Range safety <sup>1</sup>		
	OFF	WO	NCO	OFF	WO	NCO
Practice hand grenade and rifle grenades; subcaliber training devices; LASER ranges; firing devices; simulators, trip flares; small arms and machineguns	X	X	E6	None required except for LASER ranges <sup>2</sup>		
Chemical agents and smoke	X <sup>3</sup>	X	X	None required <sup>3</sup>		
Aerial gunnery, air defense weapons; flamethrowers; live grenades (hand and rifle); mines and demolitions; mortar; recoilless weapons; rockets; guided missiles (chap 12), tank cannon	X	X	E7	X	X	E6
Artillery	X <sup>4</sup>	X	E7	X <sup>5</sup>	X	E6
Live fire exercises using organic weapons, squad through company, battery, troop	X	X	E7	X	X	E6
Combined arms live fire exercises using outside fire support: Squad-section-platoon Company, battery, troop, battalion, squadron or larger	X X <sup>6</sup>	X	E7	X X	X	E6

Notes:

1. Civilians may act as OIC or RSO (para 4-3c).
2. Complexity of exercise, number of participants, and physical separation of OIC from firing point may indicate need for RSO.
3. When nuclear, biological, chemical (NBC) training is being conducted, OIC must be NBC qualified. If an RSO is used, he or she must also be NBC qualified.
4. Use of E7s and above to act as OICs of artillery firing ranges is authorized only when approved by the installation commander.
5. Duties of safety officer are normally performed by the battery executive officer.
6. OIC will be a field grade officer for battalion and larger size units.





ROUTINE

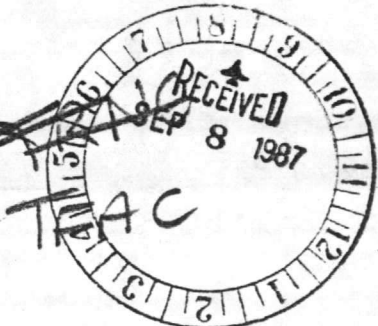
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FM CG MCB CAMP LEJEUNE NC//TRNG

TO CMC WASHINGTON DC//JTG-32//

INFO CG FMFLANT  
CG SECOND MARDIV  
CG SECOND FSSG  
CG SIXTH MAB

ACTION/INFO	
Range Control	
Range Main.	
Navy Boat	
Service and Support	
C. S. Chamber	
RCDO	
WSSI	
EOD	CG II MAF
SKED	CG SECOND MAB
	CG FOURTH MAB
Admin Sect	
File	



UNCLAS //N01500//  
SECTION 01 OF 03 //N01500//

SUBJ: REDUCTION OF TRAINING RESTRICTIONS

A. CMC 071936Z AUG 87

1. IN RESPONSE TO THE REF THE FOLLOWING GENERAL COMMENTS ARE PROVIDED: ANY SUCCESS IN REMOVING UNNECESSARY RESTRICTIONS, EXPEDITING LAND ACQUISITION, OR WAIVING ENVIRONMENTAL REGULATIONS WILL BE APPLAUDED BY MCB AND ALL TENANT FMF UNITS.

2. THE SINGLE GREATEST FACTOR CAUSING TRAINING RESTRICTIONS IN ALL CATEGORIES IS THE SIZE AND CONFIGURATION OF CAMP LEJEUNE ITSELF. THE PRESENCE OF THE ATLANTIC INTRACOASTAL WATERWAY AND STATE HIGHWAY 172 EXACERBATE PROBLEMS CAUSED BY OUR CONFIGURATION AS DOES THE DIVISION OF THE BASE BY THE NEW RIVER. THESE CONSTRAINTS WILL NOT ALLOW MANY NEW WEAPONS SYSTEMS TO BE FIRED EXCEPT UNDER VERY RESTRICTIVE CONDITIONS AND WILL KEEP SEVERAL SYSTEMS FROM BEING EMPLOYED AT ALL. LAND ACQUISITION WILL EITHER LIFT OR REDUCE THE IMPACT OF MANY RESTRICTIONS AND, DESPITE THE RECOGNIZED DIFFICULTIES INVOLVED, THE POSSIBILITY OF MOVING THE ACQUISITION FORWARD SHOULD BE SERIOUSLY EXPLORED.

DLVR:CG SIXTH MAB(7)...INFO

TRNG(2)...ORIG FOR CG MCB CAMP LEJEUNE(8) /13/  
TFAC(1) BFAC(1) BCDS(1) BSDO(1) BICR(1) CEDA(1)

G-3(2)...INFO FOR CG II MAF(11) 01500/ 1/0162  
ADJ(1) CEO(1) CFU(1) G-1(1) G-2(1) G-4(1) G-5(1) SDG(1) S-S(1)  
ADJ(1) CEO(1) CFU(1) G-1(1) G-2(1) G-4(1) G-5(1) SDG(1) S-S(1)

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CG MCB CAMP LE

3. THE IMPACT OF SIZE AND CONFIGURATION IS MAGNIFIED WHEN CONSIDERED IN CONCEPT WITH THE OTHER MAJOR FACTOR AFFECTING TRAINING AT CLNC--THE CUMULATIVE EFFECT OF VARIOUS ENVIRONMENTAL CONSIDERATIONS. THESE CONSIDERATIONS RANGE FROM THE ENDANGERED SPECIES ACT AND COASTAL AREA MANAGEMENT ACT TO LAWS REQUIRING PROTECTION OF WETLANDS, HISTORIC, AND ARCHAEOLOGICAL SITES, MANAGEMENT AND DISPOSITION OF HAZARDOUS WASTES, WATER QUALITY REGULATIONS, AND SHORELINE STABILIZATION/EROSION CONTROL. THESE REGULATIONS ARE PURSUED WITH VIGOR BY VARIOUS STATE AND FEDERAL AGENCIES AND SEVERELY RESTRICT OR RETARD CHANGES TO RANGES AND TRAINING AREA USE INTENDED TO KEEP PACE WITH DEVELOPMENTS IN WEAPONS AND TACTICS, THUS KEEPING US PERMANENTLY IN A DEFICIT CONDITION.

4. ENCROACHMENT IN ITS VARIOUS FORMS TENDS TO EAT AWAY INSIDIOUSLY AT OUR TRAINING CAPABILITIES. EACH RESTRICTION IMPOSED OR CONCESSION MADE TO THE SURROUNDING COMMUNITY EVENTUALLY IMPACTS ON TRAINING WHETHER IT DEALS WITH NOISE, OVERFLIGHTS, FLIGHT PATTERNS, NIGHT OPERATIONS, OR PUBLIC ACCESS.

5. CLOSELY RELATED TO THE SIZE OF CAMP LEJEUNE IS THE PAUCITY OF RESTRICTED AIRSPACE AVAILABLE FOR MAJTF TRAINING. THIS NECESSITATES EXTREMELY CAUTIOUS CONTROL OF ALL MISSIONS, RESTRICTIVE FLIGHT PATTERNS, LIMITED INGRESS/EGRESS ROUTES, SPECIAL ORDNANCE DELIVERY TECHNIQUES AND OTHER ARTIFICIAL RESTRICTIONS INVOLVING FIXED WING AND ROTARY WING AIRCRAFT, RPV'S, AND PARACHUTE OPS. IT SHOULD BE NOTED THAT NONE OF THESE RESTRICTIONS ARE UNILATERALLY IMPOSED. MCB HAS NO AVIATION EXPERT ON THE STAFF AND RELIES ALMOST EXCLUSIVELY ON 2D MAW, MCAS NEW RIVER AND THE AIR OFFICERS OF TENANT COMMANDS TO DRAFT AVIATION SAFETY AND CONTROL MEASURES FOR INCORPORATION IN THE RANGE SOP.

6. SPECIFIC TRAINING RESTRICTIONS FOLLOW:

A. CATEGORY - ENVIRONMENTAL  
RESTRICTION - RED COCKADED WOODPECKER (RCW) AREAS  
REFERENCE - PUBLIC LAW 93-205, ENDANGERED SPECIES ACT OF 1973  
DISCUSSION/TRAINING IMPACT - RCW AREAS SEVERELY RESTRICT MANEUVER MAINSIDE, ESPECIALLY IN THE TERRAIN BEST SUITED FOR AND PREVIOUSLY DESIGNATED AS THE MECHANIZED TRAINING AREA. THE WOODPECKER ALSO AFFECTS NON-MECHANIZED UNITS AND PARACHUTE OPERATIONS THROUGH SEVERE RESTRICTIONS ON ANY DAMAGE TO TREES, ROOTS, SOILS, ETC. ADDITIONALLY, NINE RCW COLONIES (TOTAL 27 BIRDS) LIE IN THE PATH OF MUCH NEEDED G-10 IMPACT AREA EXPANSION. MCB IS FOLLOWING ALL STEPS REQUIRED BY THE REFERENCE, BUT THE LABORIOUS PROCESS HAS ALREADY TAKEN TWO YEARS AND AN EXPANDED G-10 MAY BE SEVERAL YEARS OFF AND STILL NOT BE AS FUNCTIONAL AS DESIRED.

RECOMMENDATION - PROCEED AT ALL POSSIBLE SPEED WITH LAND ACQUISITION AND/OR INTERVENE AT WASHINGTON LEVEL TO EXPEDITE ENVIRONMENTAL ASSESSMENT PROCESS. CONTINUE TO FUND STUDY OF TRNG IMPACT ON THE RCW IN HOPES OF REDUCING OR ELIMINATING THE RESTRICTIONS.

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B. CATEGORY - RANGES

RESTRICTION - LACK OF APPROPRIATE FIELD TARGETS, STATIONARY AND MOVING FOR ALL WEAPONS SYSTEMS.

DISCUSSION/TRAINING IMPACT - MCB RANGES ARE ILL EQUIPPED FOR COMBAT MARKSMANSHIP. ELECTRONIC FIELD TARGETS ARE OBSOLETE AND VIRTUALLY BEYOND USEFUL LIFE. REPLACEMENT SYSTEMS ARE EXPENSIVE AND REQUIRE SOPHISTICATED CONSTRUCTION SUPPORT. INFANTRYMEN ARE NOT BEING CHALLENGED WITH RANGES/TARGET ARRAYS WHICH DEVELOP SOUND COMBAT FIRING SKILLS. TARGET SYSTEMS FOR MECHANIZED UNITS ARE EVEN POORER. TARGETS APPROPRIATE FOR NEWLY INTRODUCED WEAPONS ARE LEFT TO THE IMAGINATION OF THE INDIVIDUAL BASE.

RECOMMENDATION - ENSURE TARGET SYSTEMS ACQUIRED TO MEET TRAINING REQUIREMENTS.

C. CATEGORY - SAFETY

RESTRICTION - LACK OF POSITIVE CONTROL OF AIRCRAFT WITHIN CLIC RESTRICTED AIRSPACE.

DISCUSSION/TRAINING IMPACT - CURRENTLY AIRCRAFT WITHIN CLIC RESTRICTED AIRSPACE ARE CONTROLLED BY RANGE CONTROL DUTY OFFICERS (RCDD) IN THE FOLLOWING MANNER:

1. A/C REQUEST PERMISSION TO ENTER/TRANSIT/DEPART THE AIRSPACE.
2. HELOS AND F/W ARE SEPARATED VERTICALLY. NO HELOS ABOVE 300 FT, F/W REMAIN ABOVE 700 FT EXCEPT OVER IMPACT AREAS WHERE THEY ARE PERMITTED TO DESCEND TO 500 FT.
3. ONLY ONE F/W MISSION ALLOWED IN THE RESTRICTED AIRSPACE AT ONE TIME. EXCEPTIONS ARE MADE FOR C-130 PARACHUTE MSMS AND RPV OPS.
4. ALL A/C ARE CONTROLLED BY ONE AGENCY (RCDD, DASC, OR TACRON).

5. NO RADAR IS AVAILABLE FOR POSITIVE FIX ON AIRCRAFT. COMPLIANCE WITH ROUTING/ALTITUDE INSTRUCTIONS IS ON THE HONOR SYSTEM. GIVEN THE HIGH VOLUME OF AIRCRAFT TRAFFIC AND HIGH ORDNATE FIRE, THE CONSTRAINED AREA OF RESTRICTED AIRSPACE, THE SPEED/TURNING RADIUS OF F/W AIRCRAFT, THE PROXIMITY TO MCAS, NEW RIVER, AND THE EVER INCREASING USE OF RPV'S, A MORE POSITIVE FIX ON AIRCRAFT IS REQUIRED.

6. ANY UNCERTAINTY IS RESOLVED ON THE SIDE OF SAFETY BY THE RCDD--AN ORO2 LIEUTENANT ASSIGNED FAP FOR SIX MONTHS--AND FREQUENTLY RANGES ARE SHUT DOWN OR AIR MISSIONS LOST UNNECESSARILY!

RECOMMENDATION - UPGRADE AIR CONTROL CAPABILITY OF MCB RANGE CONTROL.

D. CATEGORY - POLITICAL/SAFETY/RANGES

RESTRICTION - CLOSURE OF ATLANTIC INTRACOSTAL WATERWAY (AIW)

DISCUSSION/TRAINING IMPACT - THE ONLY RANGES CAPABLE OF 105MM TANK, 25MM, .50, AND DIRECT FIRE ARTILLERY AT CLIC ARE G-5, G-6, G-7 WHICH FIRE ACROSS THE AIW. RANGE USE REQUIRES NOTICE TO

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CG MCB CAMP LE

ROUTINE

R 041804Z SEP 87

FM CG MCB CAMP LEJEUNE NC//TRNG//

TO CMC WASHINGTON DC//TDG-32//

INFO CG FMFLANT  
CG SECOND MARDIV  
CG SECOND FSSG  
CG SIXTH MAB

CG II MAF  
CG SECOND MAW  
CG FOURTH MAB

UNCLAS  
SECTION 02 OF 03 //NO1500//

MARINERS, CLOSING THE AIWW WITH NAVY SAFETY BOATS FOR MAY ONE HOUR. PASSAGE FROM ONE END OF RANGE TO THE OTHER CAN KEEP THE RANGE SHUT DOWN FOR UP TO AN HOUR. INCREASING THE CLOSURE TO TWO HOURS AND IN LIMITED INSTANCES FOUR HOURS WOULD IMPROVE THE EFFICIENCY OF THESE CRITICAL RANGES. ACTUALLY, MCB HAS NO AUTHORITY TO CLOSE THE AIWW FOR ONE HOUR ALTHOUGH THE CORPS OF ENGINEERS HAS INDICATED THEY WILL CONTINUE TO SUPPORT THIS LONG-STANDING PROCEDURE.

RECOMMENDATION - PURSUE LAND ACQUISITION WITH ALL POSSIBLE SPEED AND EXPEDITE CONSTRUCTION OF RANGES TO HANDLE THESE LONG RANGE DIRECT FIRE WEAPONS. IN INTERIM, PROPOSE CHANGE TO CODE OF FEDERAL REGULATIONS (CFR) TO ESTABLISH AUTHORITY TO CLOSE AIWW FOR ONE HOUR AS CURRENTLY PRACTICED AND TO ALLOW LIMITED CLOSURE FOR 2-4 HOURS.

E. CATEGORY - SAFETY

RESTRICTION - REQUIREMENT FOR AN OIC AND RSO FOR A FIRING DETAIL  
REFERENCE - MCD 2570.1A

DISCUSSION - THE REFERENCE REQUIRES COMMANDERS OF USING UNITS TO APPOINT AN OFFICER-IN-CHARGE (OIC) E-7 OR ABOVE, AND RANGE SAFETY OFFICER (RSO) E-4 OR ABOVE, FOR EACH RANGE IN USE. DUE TO THE COM-

DLVR:CG SIXTH MAB(7)...INFO

TRNG(2)...BRIG FOR CG MCB CAMP LEJEUNE(8) /13/  
TFAC(1) RFAC(1) BCDS(1) BSDB(1) BTCP(1) CEBA(1)

G-3(2)...INFO FOR CG II MAF(11) 01500/ 1/0162  
ADJ(1) CEB(1) CFU(1) G-1(1) G-2(1) G-4(1) G-5(1) SUG(1) S-S(1)  
ADJ(1) CEB(1) CFU(1) G-1(1) G-2(1) G-4(1) G-5(1) SUG(1) S-S(1)

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041804Z SEP 87  
CG MCB CAMP LE

MAND AND CONTROL, LOGISTICAL, AND ADMINISTRATIVE REQUIREMENTS ASSO-  
CIATED WITH RUNNING A FIRING RANGE, BOTH AN DIC AND RSO ARE NECESSARY  
TO ENSURE POSITIVE CONTROL. HOWEVER, TO INCREASE THE NUMBER OF  
MARINES ELIGIBLE TO ACT AS RSO'S, THE FOLLOWING IS RECOMMENDED.

RECOMMENDATION - THAT MCO 3570.1A BE CHANGED TO PERMIT SERGEANTS  
TO BE CERTIFIED BY THE USING UNIT, PREFERABLY AT MAJOR COMMAND LEVEL,  
AS QUALIFIED RSO'S. THIS MODIFICATION WOULD ALSO RELAX THE LOCAL RE-  
QUIREMENT TO HAVE A SNCO IN EACH THROWING PIT ON GRENADE RANGES.

F. CATEGORY - SAFETY

RESTRICTION - RESTRICTIONS PLACED ON INDIVIDUAL WPNS OR SYSTEMS  
REFERENCE - N/A

DISCUSSION - REQUESTS TO INTRODUCE NEW WEAPONS, DELIVERY TECH-  
NIQUES, ETC., TO CLNC ARE NECESSARILY DELAYED OR DENIED DUE TO THE  
ABSENCE OF PUBLISHED SAFETY DATA. EXAMPLES INCLUDE REQUESTS TO DROP  
NEW ENVIRONMENTALLY APPROVED NAPALM AND CONTROL/CONDUCT DAY AND NIGHT  
FIRING OF C-130 GUNSHIPS. MARINE CORPS SOURCES HAVE NOT PRODUCED  
CEP'S, DANGER ZONES, AND SAFETY DIAGRAMS TO COMPARE WITH OUR RANGE  
CAPABILITIES.

RECOMMENDATION - ACQUIRE AND PUBLISH SAFETY DATA ON ALL WEAPONS  
USED BY OR IN SUPPORT OF MAGTFS.

G. CATEGORY - TRAINING CAPABILITY

RESTRICTION - LACK OF RIVER CROSSING CAPABILITY FOR ROUTINE MOVE-  
MENT OF TANKS.

DISCUSSION/TRAINING IMPACT - BASE HAS ONE, CURRENTLY IMPERABLE,  
LCM-8 TO EFFECT TANK RIVER CROSSINGS. THIS SERIOUSLY DEGRADES TANK  
BN'S ALREADY MINIMAL ABILITY TO MANEUVER ON BASE.

RECOMMENDATION - ACQUIRE TWO POWERED CAUSEWAY SECTIONS WITH  
NECESSARY ACB SUPPORT ON PERMANENT BASIS. CAUSEWAYS HAVE CONSIDER-  
ABLY LESS DRAFT THAN LANDING CRAFT, THEREBY REDUCING DREDGING OPERA-  
TIONS AND THEIR ATTENDANT ENVIRONMENTAL PAPERWORK. EXPEDITIOUS LIFT  
OF TANKS, ENGR EQUIPMENT, TRACKED ARTILLERY, AND TROOPS TO VERONA  
TRAINING AREAS WILL EXPAND TRNG OPPORTUNITIES.

H. CATEGORY - SAFETY

RESTRICTION - FIRING MORTARS OVER THE HEADS OF UNPROTECTED TROOPS  
REFERENCE - MCO 3570.1A

DISCUSSION - THE REF PROHIBITS THE FIRING OF MORTARS OVER THE  
HEADS OF UNPROTECTED TROOPS. WITH THE INTRODUCTION OF NEW MORTARS  
AND AMMUNITION THIS PROHIBITION SHOULD BE REVIEWED.

RECOMMENDATION - THAT CMC REVIEW THIS PROHIBITION IN VIEW OF  
CURRENT TRAINING OBJECTIVES AND PUBLISH DANGER AREA DIAGRAM SIMILAR  
TO THOSE FOR ARTILLERY INDIRECT FIRE.

I. CATEGORY - ENVIRONMENTAL

RESTRICTION - DISPOSITION OF GRADE THREE AMMUNITION  
(POTENTIAL)







UNCLASSIFIED

ROUTINE

R 041804Z SEP 87

FM CG MCB CAMP LEJEUNE NC//TRNG//

TO CMC WASHINGTON DC//TDB-32//

INFO CG FMFLANT  
CG SECOND MARDIV  
CG SECOND FSSG  
CG SIXTH MAB

CG II MAF  
CG SECOND MAW  
CG FOURTH MAB

UNCLAS  
FINAL SECTION OF O3 //N01500//

REFERENCE - MCR 2570.1A POLICIES AND PROCEDURES FOR FIRING AMMUNITION FOR TRNG, TARGET PRACTICE AND COMBAT.

DISCUSSION - THE REFERENCE IS THE GOVERNING AUTHORITY FOR POLICIES AND PROCEDURES ON ARMY AND MARINE CORPS RANGES. THE COMMANDING GENERALS OF MAJOR MARINE CORPS BASES WHO ARE ULTIMATELY RESPONSIBLE FOR SAFETY ARE NOT LISTED WHILE FIVE TENANT COMMANDS AND OTHER MARINE INSTALLATIONS ARE LISTED. THE RANGE CONTROL/RANGE SAFETY FUNCTION IS A BASE RESPONSIBILITY AT ALL MARINE CORPS BASES.

RECOMMENDATION - THAT CMC DELEGATE WAIVER AUTHORITY TO THE COMMANDING GENERALS OF MARINE CORPS BASES.

N. CATEGORY - SAFETY

RESTRICTION - RESTRICTIONS IMPOSED ON INDIVIDUAL WPNS OR SYSTEMS  
REFERENCE - PD 11102.1

DISCUSSION - THE REFERENCE PROHIBITS MOST AVIATION ORDNANCE, RESTRICTS MASSED ARTY FIRES TO A DEGREE, AND LIMITS DEMO SHOTS UNDER CERTAIN CONDITIONS. IN THE PAST MANY SIMILAR RESTRICTIONS HAVE BEEN BLAMED ON BLAST FOCUS/PLAST FORECAST. WITH FEW EXCEPTIONS THE CURRENT RESTRICTIONS ARE BASED ON PUBLISHED SAFETY DATA NOT BLAST FORE-

DLVR:CG SIXTH MAB(7)...INFO

TRNG(2)...ORIG FRM CG MCB CAMP LEJEUNE(8) /13/  
TFAC(1) BFAC(1) BCDS(1) BSDN(1) DTCR(1) CEDA(1)

G-3(2)...INFO FOR CG II MAF(11) 01500/ 1/0162  
ADJ(1) CED(1) CFU(1) G-1(1) G-2(1) G-4(1) G-5(1) SDG(1) S-S(1)  
ADJ(1) CED(1) CFU(1) G-1(1) G-2(1) G-4(1) G-5(1) SDG(1) S-S(1)

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CG MCB CAMP LE

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RESTRICTION - WAIVER AUTHORITY FOR MARINE CORPS CASES. COM-  
MANDING GENERALS NOT LISTED IN MCO 3570.1A (PAR 1-5).

BT

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CSN:RXIA00043

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CG MCB CAMP LE

U N C L A S S I F I E D

ROUTINE

R 041804Z SEP 87

FM CG MCB CAMP LEJEUNE NC//TRNG//

TO CMC WASHINGTON DC//TDC-32//

INFO CG FMFLANT  
CG SECOND MARDIV  
CG SECOND FSSG  
CG SIXTH MAB

CG II MAF  
CG SECOND MAW  
CG FOURTH MAB

UNCLAS  
FINAL SECTION OF 03 //N01500//

REFERENCE - MCR 2570.1A POLICIES AND PROCEDURES FOR FIRING AMMUNITION FOR TRNG, TARGET PRACTICE AND COMBAT.

DISCUSSION - THE REFERENCE IS THE GOVERNING AUTHORITY FOR POLICIES AND PROCEDURES ON ARMY AND MARINE CORPS RANGES. THE COMMANDING GENERALS OF MAJOR MARINE CORPS BASES WHO ARE ULTIMATELY RESPONSIBLE FOR SAFETY ARE NOT LISTED WHILE FMF TENANT COMMANDS AND OTHER MARINE INSTALLATIONS ARE LISTED. THE RANGE CONTROL/RANGE SAFETY FUNCTION IS A BASE RESPONSIBILITY AT ALL MARINE CORPS BASES.

RECOMMENDATION - THAT CMC DELEGATE WAIVER AUTHORITY TO THE COMMANDING GENERALS OF MARINE CORPS BASES.

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TRNG(2)...ORIG FOR CG MCB CAMP LEJEUNE(8) /13/  
TFAC(1) BFAC(1) BCDS(1) BSDD(1) BTCP(1) CECA(1)

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041804Z SEP 87  
CG MCB CAMP LE

CAST. EXAMPLES: AVIATION ORDNANCE CEP'S AND DANGER AREAS EXCEED LIMITS OF IMPACT AREAS AND DOWN RANGE DANGER AREA FOR BUCKET COMPONENT OF M-58 LINE CHARGE EXCEEDS RANGE CAPABILITY.

RECOMMENDATION - NONE. EXISTING WEAPONS RESTRICTIONS ARE BASED ON PUBLISHED SAFETY DATA OR ABSENCE OF SUCH DATA.

D. CATEGORY - SAFETY

RESTRICTION - WEARING OF HELMETS AND FLACK JACKETS DURING LIVE FIRE TRAINING.

REFERENCE - PD P11102.1

DISCUSSION - THE REQUIREMENT FOR HELMETS AND FLACK JACKETS IN THE REFERENCE WAS DETERMINED TO BE SOUND PRACTICE IN A TRAINING ENVIRONMENT. UNITS AFFECTED BY THIS REQUIREMENT THAT DO NOT NORMALLY WEAR THESE ITEMS IN COMBAT WILL BE EXEMPTED LOCALLY FROM THE REQUIREMENT.

P. CATEGORY - SAFETY

RESTRICTION - REQUIREMENT FOR TWO MEANS OF COMM BETWEEN ACTIVE RANGES AND RANGE CONTROL

REFERENCE - PD P11102.1

DISCUSSION - TWO MEANS OF COMM ARE NECESSARY IN ORDER FOR A RANGE TO COMMENCE FIRING. WHEN ONE MEANS GOES DOWN SOME UNITS AND SOME RANGE CONTROL PERSONNEL HAVE REQUESTED FIRING TO CEASE. THIS IS NOT THE INTENT OF THE REQUIREMENT NOR IS IT PROPER PROCEDURE.

RECOMMENDATION - NONE. MCB WILL CORRECT THIS ERRONEOUS INTERPRETATION LOCALLY.

BT

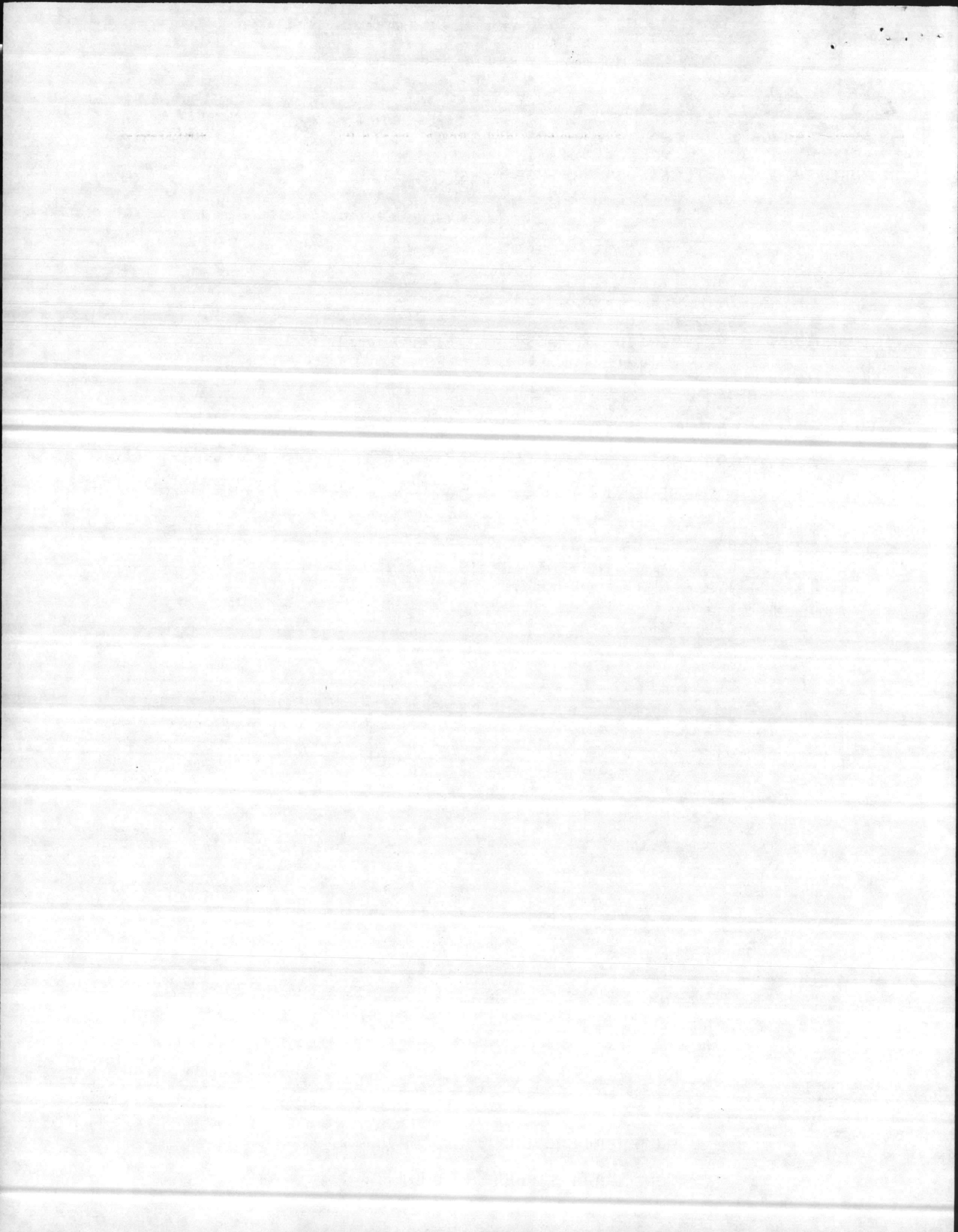
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MATA0154 248/03:59Z

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CG MCF CAMP LE





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UNITED STATES MARINE CORPS  
2d Marine Division, Fleet Marine Force  
Camp Lejeune, North Carolina 28542-5500

IN REPLY REFER TO

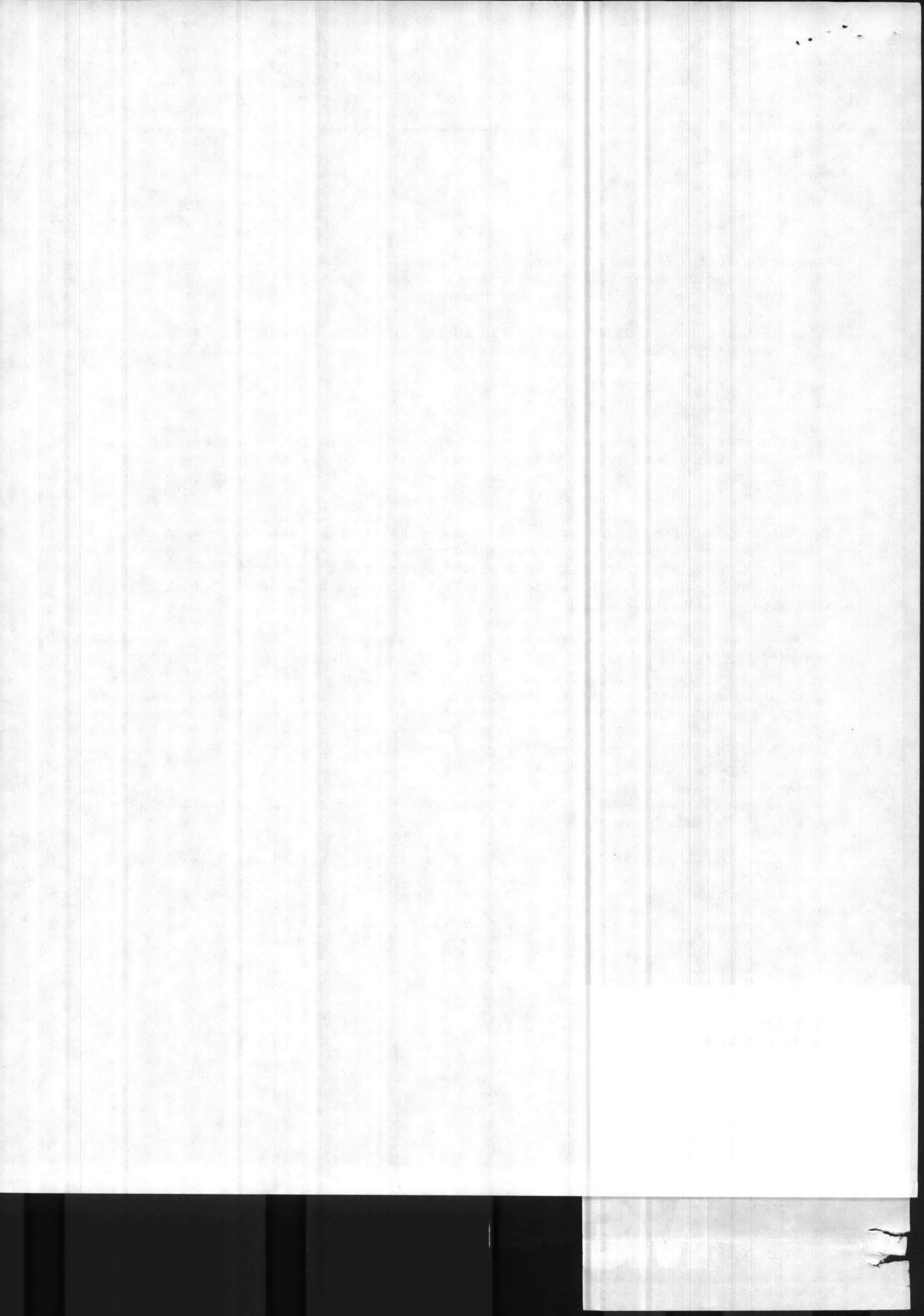
11102  
DivSCols/I  
24 May 1988

From: Commanding General, 2d Marine Division, FMF  
To: Commanding General, Marine Corps Base, Camp Lejeune, NC (Attn: AC/S,  
Training, and Operations/Range Control)  
Subj: REQUEST FOR GRADE WAIVER FOR FIRING RANGE OFFICER'S-IN-CHARGE (OIC) AND RANGE  
SAFETY OFFICERS (RSO)  
Ref: (a) CG 2d MarDiv 170016Z May 88  
(b) BaseO P11102.1K w/Ch 1

1. Reference (a) outlined the results of a comprehensive review and reorganization of Division Schools to better meet the combat readiness training requirements of this Division. Also included was a directed 35 percent cut back in staff/instructors and a reduction in T/O grade for several of the remaining billets.
2. The tempo of operations supported by the Schools will, however, remain essentially the same and, if anything, increase in the near future. Another subtle, and yet critical staffing criteria decision approved for implementation was the requirement for "quality" personnel to fill instructors billets - not just those who were available/ expendable.
3. The grade requirements established in reference (b) for OIC's (GySgt and above) and RSO's (SSgt and above) will severely inhibit the flexibility of Division Schools to accomplish its assigned mission. In view of lesser numbers of GySgt's/SSgt's on board and the quality of the Marine assigned, it is requested Division Schools be granted a grade waiver for OIC's to Staff Sergeant and above and RSO's to Sergeant and above. The case made here is for the belief that it is not necessarily a "pure" requirement to possess the currently prescribed grades in order to professionally and safely carry out the assigned duties of the OIC/RSO.
4. The undersigned accepts complete responsibility for ensuring only the highest caliber of Marines be assigned to these critical duties.
5. POC at Division Schools is the Operations Officer (Capt Romans) at X5516/2085.

*[Handwritten signature]*  
J. D. HUMBLE  
By direction

Div Schools LTR  
(C)





1988 MAY 26 PM 1 52

*[Handwritten initials]*



UNITED STATES MARINE CORPS  
2d Marine Division, Fleet Marine Force  
Camp Lejeune, North Carolina 28542-5500

IN REPLY REFER TO

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*[Handwritten signature of J. D. Humble]*  
J. D. HUMBLE  
By direction

Copy to:  
Ops0, DivScols

