



DEPARTMENT OF THE NAVY

NAVAL SEA SYSTEMS COMMAND
WASHINGTON D.C. 20362

IN REPLY REFER TO
NAVSEAINST 8031.1A
SEA-6421/HDD
Ser 148
20 April 1984

NAVSEA INSTRUCTION 8031.1A

From: Commander, Naval Sea Systems Command

Subj: 20MM, 25MM and 40MM cartridges for firing through muzzle covers in emergencies; information concerning

1. Purpose. To authorize US ships having deck guns to fire 20MM, 25MM and 40MM cartridges with non-explosive projectiles through muzzle covers in emergencies.

2. Cancellation. This instruction cancels and supersedes NAVSEAINST 8031.1 of 18 December 1974.

3. Information. In order to eliminate the danger of a premature burst upon opening fire with 20MM, 25MM and 40MM shipboard guns, the first two rounds fired should be non-explosive. This is necessary since there is an almost 100% certainty of fuze action being initiated by the muzzle cover or other possible initiator such as ice.

4. Action

a. Authority is hereby granted to fire 20MM, 25MM and 40MM inert loaded projectiles, specifically AP, AP-T, TP, TP-T, BL-P and BL-T, through painted or unpainted canvas or thin rubber muzzle covers in emergencies. Cartridges with explosive loaded projectiles SHALL NOT be fired as the first two cartridges through muzzle covers in any circumstances.

b. All loading belts and clips aboard ship for 20MM, 25MM and 40MM (clip fed) guns shall be loaded so that the first two cartridges to be fired are inert is to be continued.

c. Commanding Officers are authorized to draw subject ammunition for the purpose stated above from the nearest naval ammunition activity without reference to the Naval Sea Systems Command as follows:

(1) 20MM guns 30 cartridges with non-explosive projectile per mounted gun barrel.

(2) 25MM guns 30 cartridges with non-explosive projectile per mounted gun barrel.

S-066



0 6 9 3 - L D - 0 5 2 - 0 9 0 0

NAVSEAINST-8031.1A
20 April 1984

(3) 40MM guns 24 cartridges with non-explosive projectile per mounted gun barrel.

The foregoing is in addition to the ships service allowance. Although AP type projectiles have been included for firing through muzzle covers, the less expensive BL type should be given preference for intended use.

W.E. Meyer

W.E. MEYER
Deputy Commander for
Weapons and Combat
Systems

Distribution: (2 copies each)

SNDL	B5	(U. S. COAST GUARD)
	21A	(Fleet Commanders in Chief)
	22A	(Fleet Commanders)
	23A	(Naval Force Commanders)
	24	(Type Commanders (less 24J))
	26A	(COMPHIBGRU)
	26E	(Amphibious Units)
	26F	(COMOPTEVFOR, OPTEVFORDET)
	26G	(FBM OPTESTSUPPU)
	26H	(COMFLETRAGRU)
	26J	(FLETRAN)
	26R	(COMNRIUWGRU)
	26CC	(FLTCOORDGRU)
	26HH	(COMBINED SVCSUPPSCOL)
	28A	(COMCARGRU)
	28C1	(COMSURFWARDEVGRU)
	28D	(COMDESRON)
	28J	(COMSERVGRU)
	28L	(COMPHIBRON)
	29	(Warships (less 29M, N, P, Q and S))
	30	(Mine Warfare Ships)
	31	(Amphibious Warfare Ships)
	32	(Auxiliary Ships (AE, AFS, AG, AR, ARS, AS, ASR, AGF and ATS only))
	41J	(MSC Military Departments)
	C5	(MAAG)
	C6B	(Military Groups)
	FA7	(NAVSTAs Guantanamo and Roosevelt Roads only)
	FB31	(NAVMAGs Guam and Subic Bay)
	FB34	(COMFLEACT)
	FKM13	(SPCC)
	FKP1B	(WPNSTA)
	FKP1E	(NAVUSEAWARENGSTA)

Copy to:
(See page 3)

NAVSEAINST 8031.1A
20 April 1984

Copy to: (2 copies each unless otherwise indicated)

SNDL A3 (CNO (OP-411, OP-09B1))
A4A (CHNAVMAT)
C37E4 (NPPSDO NDW)
C37F3 (NAVMATDATASYSGRU)
FKM22 (NAVPUBFORMCEN (200 and negatives))
FKP1M (NAVWPNSUPPCEN)
FT88 (EDOSCOL)

SEA-62Y
62Y1
642
6422
6423
643
09B354 (100)

Stocked:
Commanding Officer
Naval Publications and Forms Center
5801 Tabor Avenue
Philadelphia, PA 19120

