MILITARY STANDARD

LOADING OF HAZARDOUS MATERIALS AND ASSOCIATED ITEMS

IN MILVAN CONTAINERS MINE, UNDERWATER MK 52 AND MODS

IN CRATE MK 52 FLEET ISSUE UNIT LOAD MIL-STD-1386-47

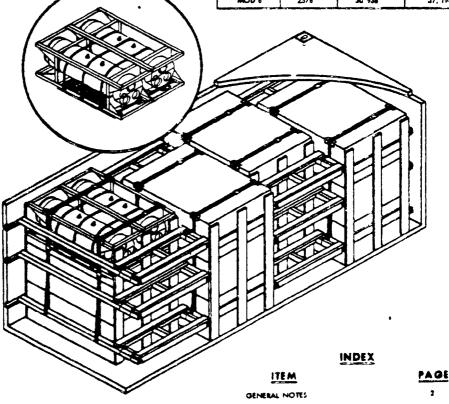
(NAVY)

24 FEBRUARY 1975

UNIT LOAD DATA

HAZARD CLSS A CLARENH DOT - EXPLUSIVES A CG - CLASS X-A TABLE I

| MK 52 MINE UNDERHATER | WT (LBS) | CONTAINER LOAD WEIGHT (L3\$) | CONTAINER GROSS WEIGHT (LES) |
|--------------------------|-------------|------------------------------------|------------------------------|
| MOD 1 | 2 1889 | 29, 334 | 35, 114 |
| MOD ≀ | 2588 | 31,954 | 37, 314 |
| AO0 1 | 2612 | 31,344 | 37, 402 |
| WOD 4 | 2524 | 30, 286 | 36, 546 |
| MOD 5 | 2608 | 31 294 | 37, 354 |
| MOD 6 | 2578 | 30 734 | 37, 194 |



NOTES

- I UNLESS OTTERWISE SPECIFIED BLYEZISTONS ARE IN INCHES.
- 2 FOR CROSS 遊灣運用CE TO ASSOCIATED PALLETIZING, TRUCKLOADING AND CARLOADING MILITARY \$1 >> ○○ASS, 遊河R TO THE INGEX TO STANDARJS, NIL→100K-204 (NAVY).

COPC, TOPC CONTAINER-SHIP & HIGHWAY

243

PSC 8140

AUTHORIZED FOR TRAILER-ON-FLAT-CAR (TOFC), CONTAINER-OM-FLAT-CAR (COFC), CONTAINERSHIP AMD HIGHWAY STAPMENTS

SIGMATURE INCOMENTATION STATEMENT DATE

SHOWATURE NAVSEAS/ACOM BY SHECTION DATE

APPROVED BY US COAST GUARD

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APPROVED BY BUREAU OF EXPLOSIVES

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ORIGINATOR

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TROTAROBLE DRIDGIAN CHARLER TRACES

NAD SAPLE NEW JERSEY

PAGE 1 OF \$

23.4-STD-1386-47 (NAVY)

GENERAL NOTES

1 THIS DOOUNENT ON'ES OFFINED INSTRUCTIONS FOR LOADING THE MILVAN CONTAINER WITH THE UNDERWATER MINE MK 52 AND MODS IN CRATE MY 52 WHEN THE MINES ARE PALLETIZED IN ACCORDANCE WITH WX-54/2008

- 3. THE MILYAN SHALL & EQUIPTED WITH A MECHY NICAL LOAD-BEACING SYSTEM THAT MEETS THE REQUIREMENTS OF THE BUREAU OF EXPLOSIVES PAMPILET IL
- IN ADDITION TO THE BELT RAILS REQUIRED BY PAMPHLET 6C THE MILVAN CONTAINER HAS SELT RAILS AT THE 72" AND 80" HEIGHTS FROM THE CONTAINER FLOOF.
- 4 CONTAINERS ARE EQUIPPED WITH 25 CRUSSMEMBERS. UNUSED CROSSMEMBERS MUST REMAIN WITH THE CONTAINER AND SHALL BE FASTENED INTO ML. 194LS FOR SHIPMENT

CAUTION

WHEN POSITIONING CROSSMENSES MAKE A VISUAL CHECK TO ENSURE THAT CROSSMENSESS SEE LOCKED SECURITY IN 71 MCE.

- 3 WIRN THE LONGITUDIPSAL SLACK BETWEEN A CROSSMEMBER AND THE UNIT LOAD IS GREATER THAN ONE INCH, INSTALL, JHM. HECE P TO THE CROSSMEMBER TO PILL THE YORK. THIS TIE WITH THREE PIECES OF 16 GAUGE SOFT ANNEALED IRON WIRE, AS SHOWN IN DETAIL A THIS SHIM STRIP MAY BE ADDED OR OMITTED AS REQUIRED.
- 4. SWAY MACE, GETAIL D, IS TWIST TIED TO THE CROSSME-MERS AT BOTH ENDS WITH 16 GAUGE SOFT ANNIALED IRON WIRE "LENGTH OF STRUT, MECE 4, SHALL DE OF SUFFICIENT THICKNESS TO CAUSE THE SWAY BRACE TO FILL THE VOID BETWEEN THE UNIT LOAD AND THE CONTAINER SIDE WALL
- 7 EACH BAY OF UNIT LOADS IS TOWNED DOWN WITH TWO 1 1/4x .995 STEEL STEAPS. STEAPS ARE ATTACHED TO THE CROSSMEMBERS AS SHOWN IN SECTION 3-6. SECURE EACH END OF STRAP WITH ONE SEAL WITH TWO PAIR OF NOTCHES PER SEAL OR TWO SEALS, BUTTED TOGETHER WITH TWO PAIR OF CRIMPS PER SEAL.
- 3 APPLICABLE MATERIAL SPECIFICATIONS:
 - DUNNAGE LUMBER PED, SPEC, MM-L-751.
 - NAILS FED SPEC FF-N-106, TYPE II, STYLE IG, COMMON MIGHT.
 - STRAP PED. SPEC. QQ-5-781, TYPE I, CLASS A.
- 9 AFTER BLOCKING AND BRACING HAS BEEN INSPECTED, ATTACH SHIPPING DOCUMENTS INSIDE THE CONTINUER IN AN ACCESSIBLE ABEA, CLOSE AND SEAL CONTAINER DOORS AND ATTACH APPLICABLE PLACARDS TO THE OUTSIDE OF THE CONTAINER FOR THE APPROPRIATE MODE OF TRANSPORTATION AS PRESCRIBED IN OP 2165 (VOL. 1).

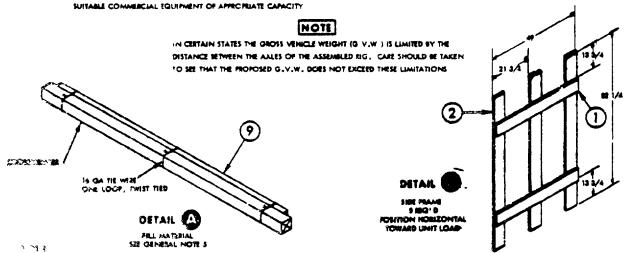
TOFC/COFC, CONTAINERSHIP AND HIGHWAY

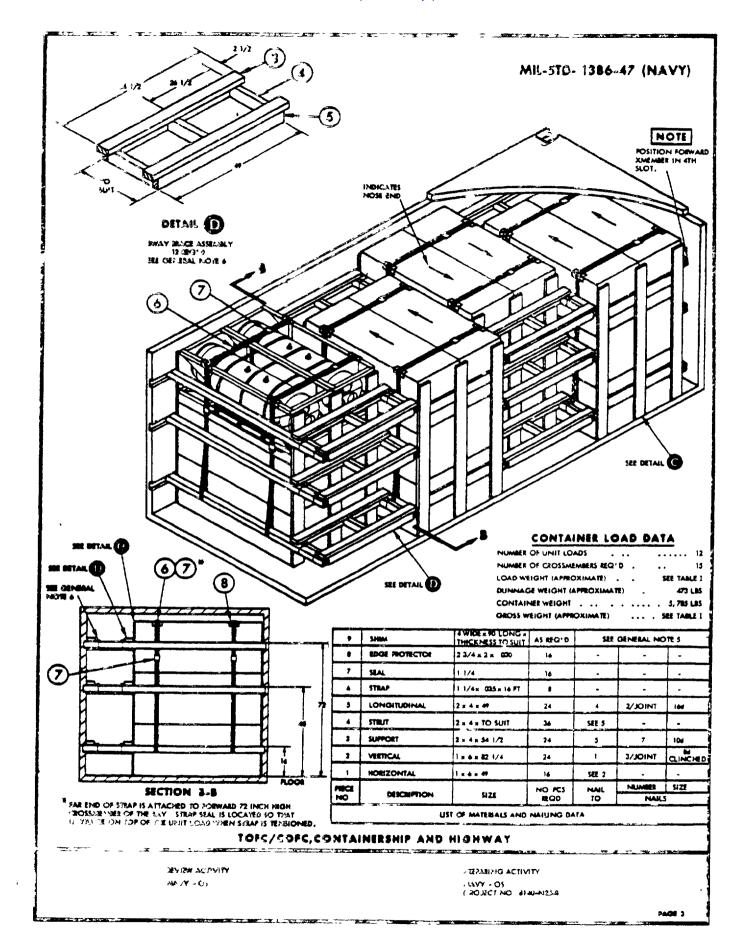
1. THE CONTAINER LOAD CONSISTS OF 12 UNIT LOADS WHICH MUST BE LOADED AND DUNMAGED IN ACCORDANCE WITH THIS DOCUMENT

HOTE

THE TOP LAYER OF THE LAST BAY MAY BE OMITTED IF CONTAINER HEIGHT PREVENTS LOADING. REMAINING MINES IN THE BAY ARE TOMMED BOWN USING A CROSS-MEMBER ON THE 60" HEIGHT, SHIM BETWEEN CROSSMEMBER AND MINE CRATE "SECULATED.

- 2. THE LOADED MILYAN CONTAINER SHALL SE ON A 20 PT MILYAN CHASSIS EQUIPPED WITH DOUBLE BOGIES WHEN SEIMS WOVED IN FORCE SERVICE.
- 2. WHEN THE LOADED CONTAINER IS IN TOPC OR COPC SERVICE, IT SHALL BE ON FLAT BAILCARS THAT COMPLY WITH BUREAU OF EXPLOSIVES PAMPRILET 4C.
- THE LICADED MILYAM MAY BE TRANSPORTED OVER PUBLIC HIGHWAYS ON A MILYAM CHASSIS EQUIPPED WITH DOUBLE BOGIES OR ON SUITABLE COMMERCIAL EQUIPMENT OF APPROPRIATE CAPACITY





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