





☑ Identify Shipper's Responsibilities

☑ Identify Carrier's Responsibilities

☑ Identify Coast Guard's Responsibility







Stringent Vessel Requirements

HAZMAT requirements by Vessel are tougher to:

- Keep the public safe;
- Keep crewmembers safe;
- Protect other shipper's cargo;
- Protect the vessel;
- Keep all commerce flowing







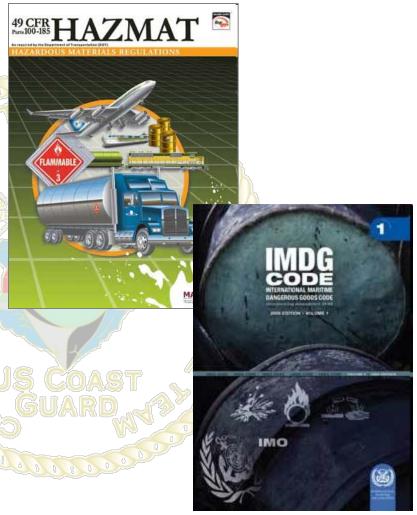
Vessel Shipment Regulations

Domestic

➤ 49 CFR Subchapter C (Vessel Specific §176)

International

International Maritime
 Dangerous Goods Code &
 49 CFR 171.22-25









Domestic vs. International

49 CFR 171.22

Allows shippers to use the IMDG Code

Extra conditions and limitations apply

IMDG Code

- IMO requires shippers to use the IMDG Code when one of the countries involved is party to SOLAS
- > U.S. is party to SOLAS







Vessel Requirements





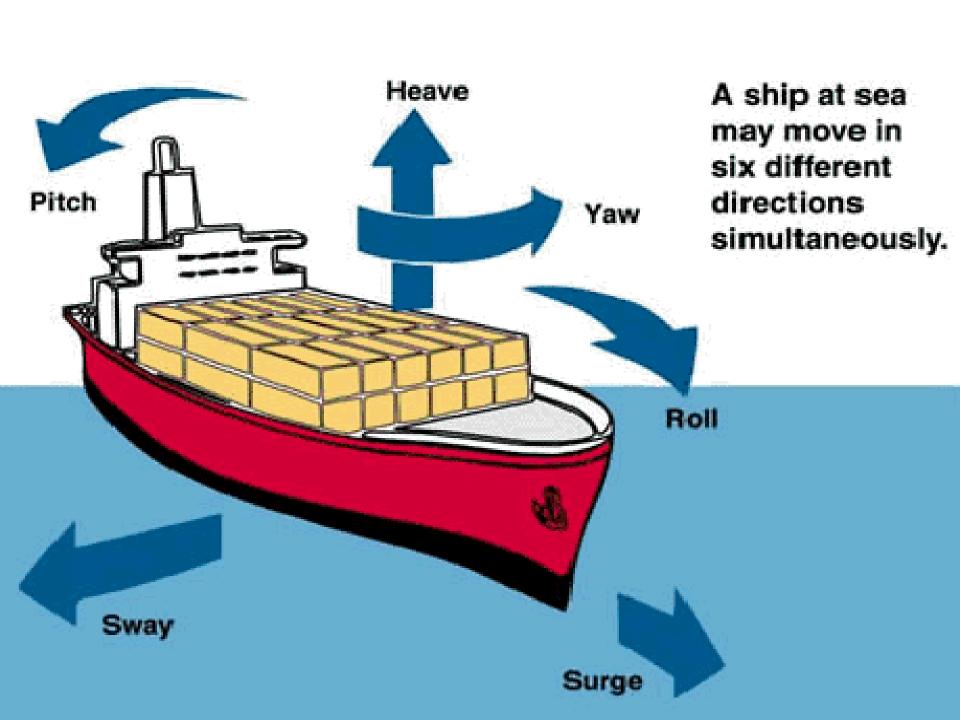






Vessel Requirements







Vessel Shipments

Shipments by vessel are unique. One container may have items from several different shippers and each vessel carries several thousand containers.

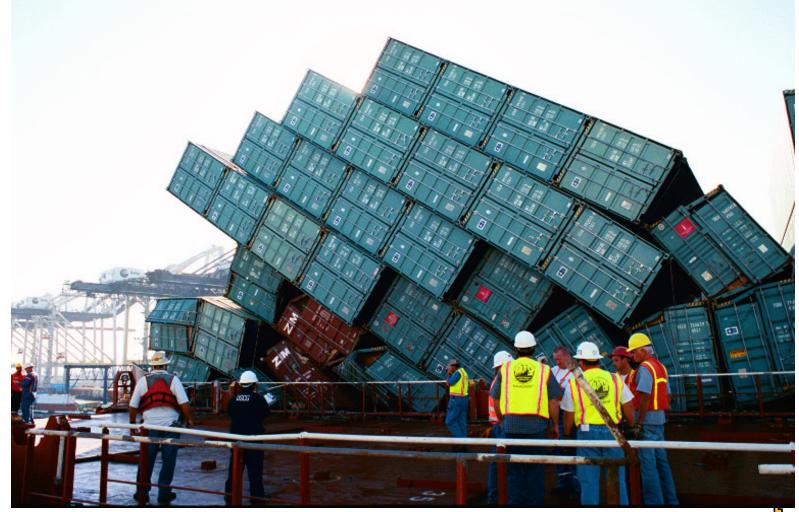








Where is your cargo?







Yes, they can float!































Maritime Transportation of Hazardous Materials











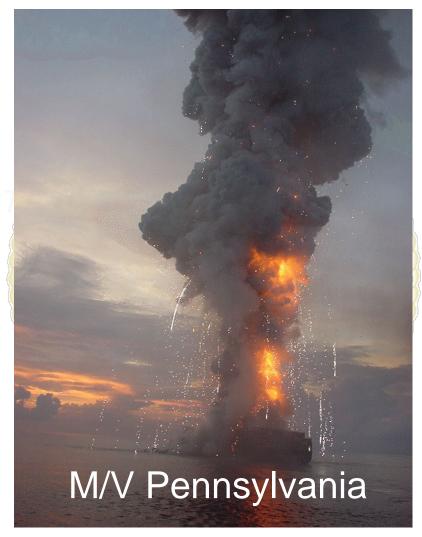




Maritime Transportation of Hazardous Materials

































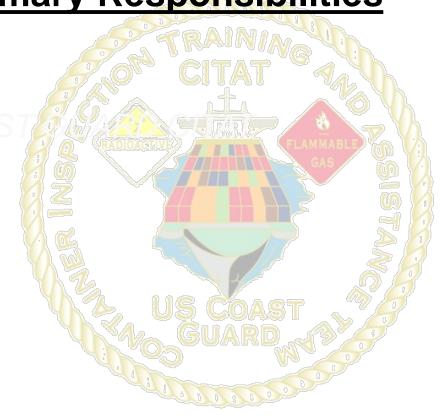






Five Primary Responsibilities

- ✓ Classify
- √ Communicate
- ✓ Package
- ✓ Stow
- √ Segregate









Classification

§172.101

- Regulated by Water (W)
- Proper Shipping Name (PSM)
- Hazardous Substance (RQ)
- Marine Pollutant (p, pp)







Communication

§172.203

- Hazardous Substance (RQ)
- Name of Shipper
- Minimum Flash Point if 61°C or below
- Segregation group for n.o.s. entries
- Marine Pollutant







Packaging

§173 & §178

No differences for vessel shipments











Stowage

§176.69

- Stowed in accordance with orientation markings
- Packages blocked, braced, dunnaged and protected to prevent shifting in any direction or any damage







Stowage

§176.76

 Detailed containerized cargo blocking, bracing, dunnage, and stowage requirements outlined









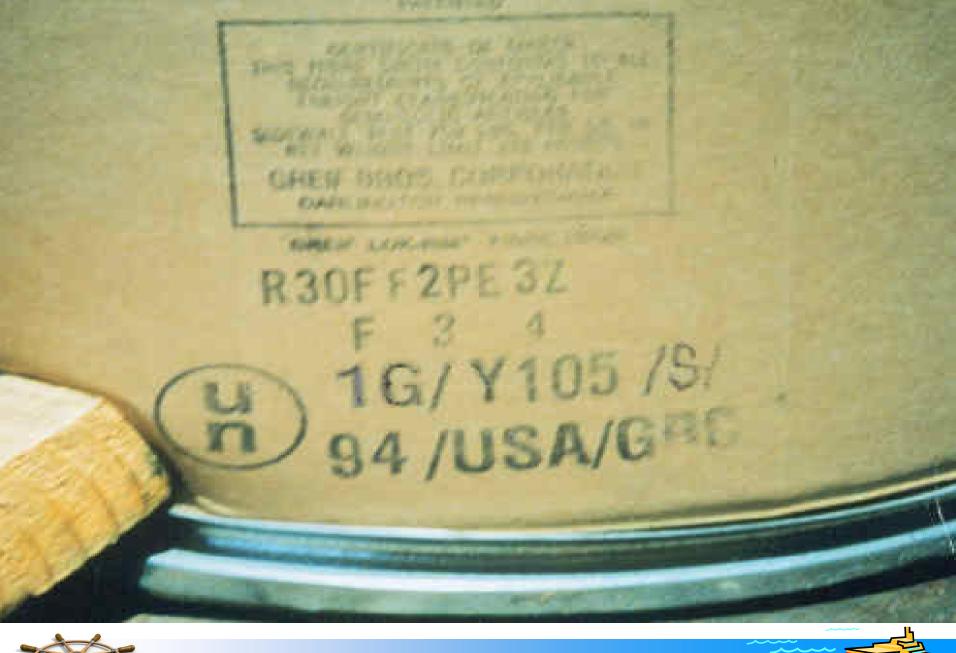


















Segregation

§176.83

 Segregations requirements more restrictive by vessel than highway or rail





Table 176.83(b)—General Segregation Requirements for Hazardous Materials [Segregation must also take account of a single secondary hazard label, as required by paragraph (a)(6) of this section.]

| Class | 1.1 1.2 1.5 | 1.3 | 1.4 1.6 | 2.1 | 2.2 | 2.3 | з | 4.1 | 4.2 | 4.3 | 5.1 | 5.2 | 6.1 | 6.2 | 7 | 8 | 9 |
|--|------------------------|------------------------|------------------------|------------------|------------------|------------------|------------------|------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------|
| Explosives, 1.1, 1.2, 1.5 Explosives, 1.3 Explosives, 1.4, 1.6 Flammable gases 2.1 Non-toxic, non-flam- | (*) (*) (*) 4 | (*) (*) (*) 4 | (*) (*) (*) 2 | 4 4 2 X | 2 2 1 X | 2 2 1 X | 4 4 2 2 | 4 3 2 1 | 4 3 2 2 | 4 4 2 X | 4 4 2 2 | 4 4 2 2 | 2 2 X X | 4 4 4 4 | 2222 | 4 2 2 1 | X X X |
| mable gases 2.2 Poisonous gases 2.3 Flammable liquids 3 Flammable solids 4.1 | 2 2 4 | 2 2 4 3 | 1 1 2 2 | X X 2 | X X 1 X | X X 2 X | 1 2 X X | X X X | 1 2 2 1 | X X 1 X | X X 2 | 1 2 2 2 | X X X | 2 2 3 | 1 1 2 2 | X X X | X X X |
| Spontaneously com- bustible substances 4.2 | 4 | 3 | 2 | 2 | 1 | 2 | 2 | 1 | x | 1 | 2 | 2 | 1 | 3 | 2 | 1 | × |
| Substances which are dangerous when wet 4.3 | 4 | 4 | 2 | × | х | х | 1 | х | 1 | х | 2 | 2 | х | 2 | 2 | 1 | х |
| 5.1 | 4 4 2 | 4 4 2 | 2 2 X | 2 2 X | X 1 X | X 2 X | 2 2 X | 1 2 X | 2 2 1 | 2 2 X | X 2 1 | 2 X 1 | 1 1 X | 3 1 | 1 2 X | 2 2 X | X X X |
| 6.2 Radioactive materials 7 | 4 2 | 4 2 | 4 2 | 4 | 2 1 | 2 | 3 | 3 2 | 3 | 2 | 3 | 3 2 | 1 X | X 3 | 3 X | 3 | X X |
| Corrosives 8 Miscellaneous dan- gerous substances 9 | 4 X | 2 X | 2 X | 1 X | X X | X X | X X | 1 X | 1 X | 1 X | 2 X | 2 X | X X | 3 X | 2 X | X X | X X |

Numbers and symbols relate to the following terms as defined in this section:

X—The segregation, if any, is shown in the § 172.101 table.

*—See § 176.144 of this part for segregation within Class 1.





^{1—&}quot;Away from."

^{2—&}quot;Separated from."

^{3—&}quot;Separated by a complete compartment or hold from."
4—"Separated longitudinally by an intervening complete compartment or hold from."



Segregation

 Example: A shipment of Division 2.2 non-flammable gasses and Class 3 flammable liquids must be segregated "Away from" each other

§176.83(c)(2)(ii)

"Away from" = horizontal separation of 3 meters (10 feet)







Segregation

§176.83(d)

 No HAZMAT can be stowed in the same container for which any segregation is required







Container Packing Certificate

§176.27

The person responsible for loading a freight container with HAZMAT for transportation onboard a manned vessel must complete a signed certificate and supply it to the carrier/vessel.







Container Packing Certificate

§176.27(c)(1)

Certificate addresses:

- Structural serviceability of container
- Segregation requirements
- Freight container HAZCOM requirements
- Packages inspected and in good condition







Shipper's Responsibility

§176.27(c)(2)

• Certification may simply state:

"It is declared that the packing of the container has been carried out in accordance with the applicable provisions of 49 CFR and the IMDG Code"

OR VEHICLE PACKING DECLARATION

| NAME | e/Statum, company/creakeation of sign ziegler chemical | 11-11-05 | |
|-----------------|---|------------------------------------|----------------------|
| <u> </u> | DANGEROUS GOODS CONSIGNANT PAG | KIED ONTO OR IN THE CANSO TRANS | PORT UNET. |
| | "DANGEROUS COS GAS (DRY 100) WARDS THE DANGEROUS GOODS TRANSPORT D | ABBUTATE IMPROPRIET INTO CHE | an manage |
| 1 | WHEN SOUR CARBON DICTORS, (CO2 - BRY KE | | |
| ¥, | THE CARGO TRANSPORT USET AND THE PACK | | |
| Ţľ | WHEN DANGEROUS GOOD ARE TRANSPORTED | IN SULK PACKAGINES, THE GARBO HAS | MEN EVENELY DISTREM |
| Ч | ALL PACKAGES HAVE HERM PROPERLY PACK | ED ONTO OR IN THE CARGO TRANSPORT | UNIT AND SECURED. |
| [~1 | DRUMS HAVE BEEN STONED IN AN LIPTIGHT | POSITION, UNLESS OTHERWISE AUTHO | MANUEL BY THE COMPA |
| 4 | all packages have been externally di packages have been loaded. | ispected for Dakase, Leakage or | MITME, AND CHLY BO |
| -1 | UNIT, WHERES APPROVED BY THE COMPATED | IT AUTHORITY CONCERNIED IN ACCORDA | NGE WITH 7. 2, 2, 8) |
| 4 | STRUCTURALLY SERVICEABLE IN CONFORMED | Y WITH SECTION 7.4.4. | |
| 7. | THE CARDO TRANSPORT UNIT WAS CLEAN, OF THE CONSIGNMENTS INCLUDES GOODS OF | | |







Shipper's Responsibility

The shipper must provide the vessel a copy of the shipping paper, shipper's certification and a container packing certificate to guarantee to the vessel's crew that all requirements have been followed.





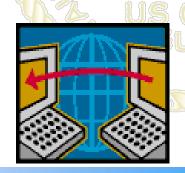




§171.22

- DOT allows the use of the IMDG code within the United States
- Establishes additional requirements to be met when using the IMDG Code











Basic Requirements

§171.22(c)

If 49 CFR regulates the commodity, but IMDG does not, 49 CFR must be used

§171.22(d)

If IMDG regulates the commodity but 49 CFR does not, it may be shipped as a Hazardous Material in the US







Basic Requirements

§171.22(e)

 Materials that are <u>forbidden</u> under 49 CFR <u>cannot</u> be shipped under the IMDG Code







Basic Requirements

§171.22(f)

- Importers are required to notify foreign shippers of additional U.S. requirements
- All shipping paper entries and package markings must be in English. Additional languages are permitted.







Basic Requirements

§171.22(g)

- Emergency response information
- Incident reporting requirements
- Packaging requirements for export shipments
- Training and Security requirements







Additional Requirements- General

§171.25

- Shipment must conform to §176
- Shipment must comply with all other subsequent modal regulations (§174, §175, & §177) for intended U.S. route





Additional Requirements-Packages

§171.23(a)

Cylinders

§171.25(c)

Bulk packages & Tanks







Additional Requirements-Materials

§171.23(b)

- Class 1 Explosives
- Class 2 Aerosols
- Division 5.2 Organic Peroxides
- Class 6 Poisons and PIHs
- Class 7 Radioactives







Additional Requirements-Materials

§171.23(b)

- Air bag inflators/ seat belt pretensioners
- Chemical oxygen generators
- Self-reactive materials
- Hazardous Substances
- Hazardous Wastes
- Marine Pollutants















49 CFR 176 Applicability

§176.5 states "This subchapter (49 CFR) applies to all vessels, foreign or domestic, when in the navigable waters of the United









Carrier's Responsibility

Three Primary Responsibilities

- ✓ Stow
- √ Segregate
- √ Communicate









§172.101 (HMT) Column 10A

General vessel stowage requirement codes-

A, B, C, 01, 02, etc.

§172.101 (k)

Defines stowage codes

§176.63

Defines physical stowage locations







§ 172.101 HAZARDOUS MATERIALS TABLE

| | | | | | | | (8) | | (9) | | (1 Vesse | | |
|--------------|--|----------------------------------|----------------------------------|---------|----------------|--|-------------|--------------------------|------------|-----------------------------|-----------------------------|---------------|-------------------|
| Sym- bols | Hazardous materials descrip- tions and proper shipping names | Hazard class or Di- vision | Identifica- tion Num- bers | PG | Label Codes | Special provisions (§ 172.102) | | Packaging (§ 173.***) | | Quantity I (see §§ 173.2 | imitations 7 and 175.75) | ag | je |
| | names | VISION | bers | | | (g 172.102) E: | | Non- bulk | Bulk | Passenger aircraft/rail | Cargo air- craft only | Loca- tion | Other |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8A) | (8B) | (8C) | (9A) | (9B) | (10A) | (10B) |
| | Accellerene, see p- Nitrosodimethylaniline. | | | | | | | | | | | | |
| | Accumulators, electric, see Bat- teries, wet etc. | | | | | | | | | | | | |
| | Accumulators, pressurized, pneumatic or hydraulic (con- | | | | | | | | | | | | |
| | taining non-flamable gas), see Articles pressurized, pneu- | | | | | | | | | | | | |
| | matic or hydraulic (containing non-flamable gas). | | | | | | | | | | | | |
| | Acetal | 3 3 | UN1088 UN1089 | II I | 3 | A3, B16, T11, | | | | 5 L Forbidden | 60 L 30 L | E E | |
| Α | Acetaldehyde ammonia | 9 | UN1841 | Ш | 9 | TP2, TP7 IB8, IP3, IP7, T1, | 155 | 204 | 240 | 200 kg | 200 kg | А | 34 |
| | Acetaldehyde oxime | 3 | UN2332 | III | 3 | | | | | 60 L | 220 L | A | |
| | Acetic acid, glacial or Acetic acid solution, with more than 80 percent acid, by mass. | 8 | UN2789 | " | 8, 3 | A3, A6, A7, A10, B2, IB2, T7, TP2 | 154 | 202 | 243 | 1 L | 30 L | A | |
| | Acetic acid solution, not less than 50 percent but not more | 8 | UN2790 | п | 8 | A3, A6, A7, A10, B2, IB2, T7, TP2 | 154 | 202 | 242 | 1 L | 30 L | А | |
| | than 80 percent acid, by mass. Acetic acid solution, with more | 8 | UN2790 | | 8 | IB3, T4, TP1 | 154 | 203 | 242 | 5 L | 60 L | A | |
| | than 10 percent and less than 50 percent acid, by mass. | , | ONLIVE | | | 120, 14, 11 1 | 107 | 200 | | 3 | 50 2 | | |
| | Acetic anhydride | 8 | UN1715 | П | 8, 3 | A3, A6, A7, A10, B2, IB2, T7, TP2 | 154 | 202 | 243 | 1 L | 30 L | Α | 40 |
| | Acetone | 3 6.1 | UN1090 UN1541 | 1 | 3 6.1 | IB2, T4, TP1 2, B9, B14, B32, B76, B77, N34, | 150 None | 202 227 | 242 244 | 5 L Forbidden | 60 L Forbidden | B D | 25, 40, 52, 53 |
| | | | | | | T20, TP2, TP13, TP38, TP45 | | | | | | | 52, 53 |
| | Acetone oils | 3 | UN1091 | П | 3 | | 150 | 202 | 242 | 5 L | 60 L | В | |







§172.101 (HMT) Column 10A

- Identifies where on the ship the cargo may be stowed
- "A" means on deck or under deck on a passenger or cargo vessel







ON DECK!?







§172.101 (HMT) Column 10B

- Special vessel stowage and segregation requirement codes
- 1 through 141
- 1E through 28E

§176.84

Table of provisions









§ 172.101 HAZARDOUS MATERIALS TABLE

| | | | | | | | (8) | | (9) | | (1 Vessel | | |
|--------------|---|----------------------------------|----------------------------------|------|----------------|--|-----------------|--------------------------|------------|-----------------------------|--|---------------|-------------------|
| Sym- bols | Hazardous materials descrip- tions and proper shipping names | Hazard class or Di- vision | Identifica- tion Num- bers | PG | Label Codes | Special provisions sions (§ 172.102) | | Packaging (§ 173.***) | | Quantity I (see §§ 173.2 | antity limitations 173.27 and 175.75) | | ge |
| | names | VISION | bers | | | (9 172.102) | Excep- tions | Non- bulk | Bulk | Passenger aircraft/rail | Cargo air- craft only | Loca- tion | Other |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8A) | (8B) | (8C) | (9A) | (9B) | (10A) | (10B) |
| | Accellerene, see p- Nitrosodimethylaniline. | | | | | | | | | | | | |
| | Accumulators, electric, see Bat- teries, wet etc. | | | | | | | | | | | | |
| | Accumulators, pressurized, pneumatic or hydraulic (con- | | | | | | | | | | | | |
| | taining non-flamable gas), see Articles pressurized, pneu- matic or hydraulic (containing | | | | | | | | | | | | |
| | non-flamable gas). | 3 | UN1088 | | 3 | IB2. T4. TP1 | 150 | 202 | 242 | 5 L | 60 L | E | |
| | Acetaldehyde | 3 | UN1089 | ï | 3 | A3, B16, T11, TP2, TP7 | | | 243 | Forbidden | 30 L | E | |
| Α | Acetaldehyde ammonia | 9 | UN1841 | III | 9 | IB8, IP3, IP7, T1, TP33 | 155 | 204 | 240 | 200 kg | 200 kg | Α | 34 |
| | Acetaldehyde oxime | 3 8 | UN2332 UN2789 | | 3 8. 3 | B1, IB3, T4, TP1 A3, A6, A7, A10, | | | 242 243 | 60 L 1 L | 220 L 30 L | A A | |
| | Acetic acid, glacial or Acetic acid solution, with more than 80 percent acid, by mass. | ٥ | UNZ788 | " | 0, 3 | B2, IB2, T7, TP2 | 104 | 202 | 243 | 11 | 30 L | Α | |
| | Acetic acid solution, not less than 50 percent but not more | 8 | UN2790 | II | 8 | A3, A6, A7, A10, B2, IB2, T7, TP2 | 154 | 202 | 242 | 1 L | 30 L | Α | |
| | than 80 percent acid, by mass. Acetic acid solution, with more | 8 | UN2790 | Ш | 8 | IB3, T4, TP1 | 154 | 203 | 242 | 5 L | 60 L | Α | |
| | than 10 percent and less than 50 percent acid, by mass | | | | | | | | | | | | |
| | Acetic anhydride | 8 | UN1715 | Ш | 8, 3 | A3, A6, A7, A10, B2, IB2, T7, TP2 | 154 | 202 | 243 | 1 L | 30 L | Α | 40 |
| | Acetone cyanohydrin, stabilized | 3 6.1 | UN1090 UN1541 | ı, | 3 6.1 | IB2, T4, TP1 2, B9, B14, B32, B76, B77, N34, | 150 None | 202 227 | 242 244 | 5 L Forbidden | 60 L Forbidden | B D | 25, 40, 52, 53 |
| | | | | | | T20, TP2, TP13, TP38, TP45 | | | | | | | 32, 20 |
| | Acetone oils | 3 | UN1091 | l II | 3 | IB2, T4, TP1, TP8 | | 202 | 242 | 5 L | 60 L | В | |







§172.101 (HMT) Column 10B

- Identifies special provisions for loading and stowage
- 40- Stow "clear of living quarters"

Other §176.84 codes:

- 73- Stow "separated from" chlorates
- 103- Only to be loaded under dry conditions







Communication

§176.24 & 27

A vessel may not accept a hazardous material for transport unless they receive

- Shipping Papers w/ Shippers Declaration
- Container Packing Certificate





Communication

§176.30

- The carrier shall prepare a dangerous cargo manifest, list, or stow plan to include only material regulated by 49 CFR or IMDG Code
- Contains same information as found on shipping papers
- Includes stowage and segregation information
- Each carrier shall retain a copy for at least one year









M/V Decreed

Dangerous Cargo Manifest (DCM)



MANGE OF CUID ...

DANGEROUS GOODS MANIFEST

1148168

(Final Page

CALL SIGN :

| | TOODS MANIFEST | |
|----|--------------------------|--|
| Or | Single Page Submission) | |

IMONO / MD REFERENCE NO (ontional) :

PAGE NO: 01

| NAME OF | | 11/ V E | equou | - CALL | JOIGIN. | | | | | O IVO. / IVIL | ALI LILLIVE. | E IVO. (option | | | |
|-------------------|--------|--------------------------------|-------------------|--------|-------------------------------------|------|------------------|----------------------------|--|---------------------|---------------------------------|--------------------------------|---------------------|--------------------|----------------------|
| VOYAGE REFEREN | CE : | 048-0 |)9 | | MATED : | | 200 | 9 Jun | | RTH: L | ong Beac | h, CA, U | SA Delta | ı- 4 0 | |
| CONTA | | NO. AND KIND OF PACKAGES | PROPER SHIPPING N | | IMO CLASS (PRIMARY HAZARD) | | PACKING GROUP | SUB- SIDIARY RISK(S) | FLASH POINT (IN C.C.) IF 60°C or BELOW | MARINE POLLUTANT | DG NET/GROSS MASS (Kg) | N.E.Q. (EXPLOSIVES) (Kg) | STOWAGE LOCATION | PORT OF LOADING | PORT OF DISCHARGE |
| (1) | | (2) | (3) | | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) |
| HDMU23 | 324309 | 300 1A | BENZALDER | HYDE | 9 | 1990 | III | | 64C | | 81,90 | 0 | 020106 | Dubai | L.B. |
| AZPU33 | 34305 | 200 4G | Kerosene Sol | lutio | n 3 | 1223 | III | | 58C | | 716 | | 210780 | PRK | L.B. |
| AZPU09 | 955876 | 200 4G | Kerosene Sol | lutio | n 3 | 1223 | III | | 58C | | 716 | | 210782 | PRK | L.B. |
| OHSE2 | 30991 | 2160 4 | G ADHESIVES | S | 3 | 1133 | III | | (-23C) |) | 10,54 | 9 | 070988 | ROK | OAK |

To: Director of Marine

Dangerous Goods Declaration
I CERTIFY THAT THIS DANGEROUS GOODS MANIFEST CONSISTS OF 01
PAGE(S

Declaration to be made in respect of cargoes being exported from Hong Kong

HEREBY DECLARE THAT THE CONTENTS OF THE CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY THE PROPER SHIPPING NAME(S); THAT THE SHIPMENT IS PACKAGED IN SUCH A MANNER AS TO WITHSTAND THE ORDINARY RISKS OF HANDLING AND TRANSPORT BY SEA HAVING REGARD TO THE PROPERTIES OF THE GOODS TO BE CARRIED AND THAT THE GOODS ARE CLASSIFIED, DOCUMENTED, PACKAGED, MARKED, LABELLED/PLACARDED, STOWED AND SEGREGATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MERCHANT SHIPPING (SAFETY) (DANGEROUS GOODS AND MARINE POLLUTION), STOWED UNDER THE MERCHANT SHIPPING (PREVENTION AND CONTROL OF POLLUTION) ORDINANCE, CAP 413.

Declaration to be made in respect of cargoes being brought into Hong Kong as either Import Cargoes or Transit Cargoes

I HEREBY DECLARE THAT I HAVE RECEIVED FROM THE SHIPMASTER A DECLARATION THAT THE GOODS ARE CLASSIFIED, DOCUMENTED, PACKAGED, MARKED, LABELLED/PLACARDED, STOWED AND SEGREGATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE INTERNATIONAL MARITIME DANGEROUS GOODS CODE. (Note: The Director of Marine may call for the production of this declaration.)

| NAME OF COMPANY: | Harper & Brothers | Shipping Co. | NAME & SIGNATURE OF PERSON: | H. Melville |
|-------------------|-------------------|--------------|--|---------------|
| FAX NUMBER : | | | MAKING THIS DECLARATION (Block Capitals) | |
| TELEPHONE NUMBER: | | | | W |
| E-MAIL ADDRESS: | | | TITLE OF DECLARANT: | vessel Agent |
| | | | DATE: | 10 Terre 0000 |





Bays, Rows, Tiers

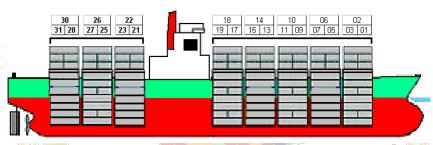
Bays

Even numbers are 40' container

| 02 | | | | | | | | |
|----|---|----|--|--|--|--|--|--|
| 03 | å | 01 | | | | | | |

Odd numbers are 20' Container

Note that every other even number is omitted (DO NOT count these when doing stowage) 16 12 08 04

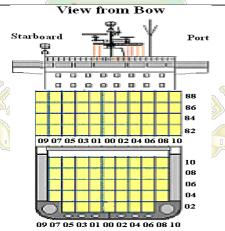


Rows and Tiers

Row Numbers Odd numbers are on the starboard side Even numbers

are on the

port side



Tier Numbers

Below deck are numbered 02, 04, 06

Above deck are numbered 82, 84, 86



Maritime Transportation of Hazardous Materials







Detailed Requirements for

Class 1 Materials

§176.100



- Subpart G contains detailed requirements for vessel shipments of explosives
 - Permits to load or off-load 1.1 and 1.2 materials
 - Permits to load or off-load certain 1.5 and 5.1 materials
 - Supervisory Details
 - Magazine types and requirements







Detailed Requirements for

Class 2 Materials

§176.200



- Cylinders prevented from making direct contact with vessel's deck
- Specific blocking and bracing requirements
- On-deck only stowage for flammable gasses (2.1)





GAS





Other Detailed Requirements

§176.400- Class 4 & 5, Division 1.5 materials

§176.600- Division 2.3 and 6.1 materials

§176.700- Class 7 materials

§176.800- Class 8 materials

§176.900- Cotton & Vegetable fibers, Motor vehicles, Asbestos













USCG's Responsibility

Primary Responsibilities

- ✓ Protect the maritime community
- ✓ Protect the American public
- ✓ Protect the environment
- ✓ Standardize enforcement
- ✓ Eliminate delays
- Educate shippers and carriers
- ✓ Ensure cooperation







- Federal Hazardous Materials Safety Act
- Ports & Waterways Safety Act
- Executive Order 10173
- International Safe Container Act







Hazardous Material Transportation Law
49 CFR 100-185

The basic statute regulating hazardous materials transportation in the United States. Coast Guard has authority to enforce regulations pertaining to hazardous materials carried by vessel.







Ports & Waterways Safety Act 33 CFR 160

Allows the Coast Guard to:

"to insure the safety of vessels and waterfront facilities, and the protection of the navigable waters and resources"









To ensure the 4th Amendment of the constitution is protected, the Coast Guard must follow strict guidelines when inspecting containers that are not identified as carrying Hazardous Materials.

Coast Guard Policy provides legal guidance to field units







International Safe Container Act
49 CFR 450-453

Covers freight containers used in international service, not domestic, and used to validate structural serviceability standards





This presentation was developed to educate shippers and carriers of hazardous materials who utilize America's maritime transportation system. This presentation should not be used as regulatory reference. Always refer to 49 CFR and IMDG Code when offering or transporting hazardous materials.

Any questions, comments, or concerns can be addressed to the U.S. Coast Guard Container Inspection Training and Assistance Team (CITAT) at:

USCG CITAT Supervisor 6500 S. MacArthur Blvd, RTI-120 Oklahoma City, OK 73169 (405) 954-8985

U.S. Coast Guard CITAT website, www.uscg.mil/hq/citat









Questions?





