STATUTORY INSTRUMENTS

1977 No. 890

EXPLOSIVES

The Conveyance in Harbours of Military Explosives Regulations 1977

Made - - - - 23*rd May* 1977

Coming into Operation 1*st July* 1977

The Secretary of State, after consultation with the Health & Safety Commission, under Section 50(1) of the Health & Safety at Work, etc Act 1974**(a)** (as amended by paragraph 16 of Schedule 15 of the Employment Protection Act 1975**(b)** and in exercise of the powers conferred by the provisions of Section 97(5) of the Explosives Act 1875**(c)**, as extended by section 2 of, and paragraph 4 of Schedule 2 to, the Emergency Laws (Miscellaneous Provisions) Act 1947**(d)** and of the powers conferred by the said provisions (extended as aforesaid) as the same have effect by virtue of the Visiting Forces and International Headquarters (Application of Law) Order 1965**(e)**, and all other powers enabling him in that behalf, hereby makes the following Regulations.

Citation, Commencement and Revocation

1.—(1) These Regulations may be cited as the Conveyance in Harbours of Military Explosives Regulations 1977 and shall come into operation on 1st July 1977.

(2) The Conveyance in Harbours of Military Explosives Regulations 1969**(f)** and the Conveyance in Harbours of Military Explosives (Amendment) Regulations 1972**(g)** and the Conveyance in Harbours of Military Explosives (Amendment) Regulations 1974**(h)** are hereby revoked.

(3) Where any conveyance of military explosives has been commenced before the date of the coming into operation of these Regulations and has not been completed by that date, those explosives may be conveyed for the rest of that conveyance either in accordance with these Regulations, or in accordance with the provisions of the said revoked regulations.

Scope

2. These Regulations apply to the conveyance in harbour areas in Great Britain and Northern Ireland of:

(*a*) any explosive:

(i) which, not being under the control of the Secretary of State, is otherwise held for the service of the Crown for the purpose of the Ministry of Defence

(ii) the conveyance of which is certified by the Secretary of State to be in connection with the execution of a contract with the Secretary of State; and

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(a) 1974 c. 37.
(b) 1975 c. 71.
(c) 1875 c. 17.
(d) 11 and 12 Geo. 6. c. 10.
(e) S.I. 1965/1536 (1965 II, p. 4462).
(f) S.I. 1969/18 (1969 I, p. 19).
(g) S.I. 1972/1502 (1972 III, p. 4420).
(h) S.I. 1974/479 (1974 I, p. 1668).

(*b*) any explosive

(i) which, not being under the control of a headquarters or of the service authorities of a visiting force, is otherwise held for the service of a headquarters or of a visiting force, or

(ii) the conveyance of which is certified by the Secretary of State to be in connection with the execution of a contract with a headquarters or of a contract with the service authorities of a visiting force;

and in these regulations "military explosive" means any explosive specified in sub-paragraph (*a*) or (*b*) above, "Government explosive" means any explosive specified in sub-paragraph (*a*) above and "explosive of a headquarters or a visiting force" means any explosive specified in sub-paragraph (*b*) above.

Interpretation

3. The Interpretation Act 1899**(a)** shall apply for the interpretation of these Regulations as it applies for the interpretation of an Act of Parliament.

(2) In these Regulations, except where the context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say;

"authorised representative", in the application of these Regulations to the conveyance of any military explosive, means a person duly authorised—

(*a*) by the responsible authority, or

(*b*) in default of an authorisation by the responsible authority (where the explosive is an explosive of a headquarters or visiting force), by the Secretary of State

to do anything in connection with such conveyance which an authorised representative is required or authorised to do by these Regulations;

"Class" in any provision means Class 1 in respect of explosives or the classification of dangerous goods contained in the Recommendation prepared by the United Nations Committee of Experts on the Transport of Dangerous Goods.

"Compatibility Group" in any provision means one of the 12 compatibility groups in Class 1 of the United Nations classification of dangerous goods;

"Division" in any provision means one of the five divisions into which Class 1 of the United Nations classification of dangerous goods is divided;

"Dock" includes any pier, jetty or other place in or at which goods can be shipped or unshipped or can lie whilst waiting to be shipped or unshipped;

"Harbour area" means any area in Great Britain or Northern Ireland within which the conveyance, loading and unloading of gunpowder is required to be regulated by byelaws made under Section 34 of the Explosives Act 1875 as amended by any other enactment, and "harbour master" in relation to any such area including any person for the time being authorised by the harbour authority of that area to exercise as respects that area the functions conferred upon harbour masters by these Regulations;

Provided that where the harbour authority of a harbour area have for the time being authorised a person who is not the harbour master of that area to exercise the said functions in respect of a dock in that area, these Regulations shall apply to the conveyance in that dock of any military explosive as if

(a) 1899 c. 63.

references in these Regulations to the harbour master were references to the person for the time being authorised as aforesaid to exercise the said functions in respect of that dock, and for the purpose of Regulations 5 and 6 hereof, that dock shall be treated as a separate harbour area;

"headquarters" means an international headquarters or defence organisation set up in pursuance of any arrangements for common defence to which Her Majesty's Government in the United Kingdom are a party being a headquarters or defence organisation on or in relation to which the exemptions and immunities contained in section 97 of the Explosives Act 1865, as extended by paragraph 4 of Schedule 2 to the Emergency Laws (Miscellaneous Provisions) Act 1947, are for the time being conferred by virtue of the provisions of Article 12 of, and Schedule 3 to, the Visiting Forces and International Headquarters (Application of Law) Order 1965;

"master", in relation to a vessel, includes any person (other than a pilot) having charge of that vessel;

"military explosive", "Government explosive" and "Explosive of a headquarters or a visiting force" have the meanings respectively assigned to them by Regulation 2 hereof;

"responsible authority" means—

(*a*) in relation to the conveyance of any Government explosive the Secretary of State; and

(*b*) in relation to the conveyance of any explosive of a headquarters or a visiting force—

(i) where the conveyance is not one which has been certified as hereinafter mentioned, the headquarters or, as the case may be, the service authorities of the visiting force, for the service of which that explosive is held, and

(ii) where the conveyance has been certified by the Secretary of State to be in connection with the execution of a contract with a headquarters or of a contract with the service authorities of a visiting force, that headquarters or, as the case may be, those service authorities;

"Secretary of State" means the Secretary of State for Defence;

"Service authorities" means naval, military, air force, or Ministry of Defence (Procurement Executive) authorities;

"vehicle" includes any carriage, waggon, cart, truck, vehicle or other means of conveying goods or passengers by land, in whatever manner the same may be propelled;

"vessel" includes any ship or boat and any other description of vessel used in navigation; and

"visiting force" means any body, contingent or detachment of the forces of any country, being a body, contingent or detachment on or in relation to which the exemptions and immunities contained in section 97 of the Explosives Act 1875, as extended by paragraph 4 of Schedule 2 to the Emergency Laws (Miscellaneous Provisions) Act 1947, are for the time being conferred by virtue of the provisions of Article 12 of, and Schedule 3 to, the Visiting Forces and International Headquarters (Application of Law) Order 1965.

(3) Any reference in these Regulations to the weight of any explosive shall be construed as a reference to the net weight of the explosive substance therein contained (excluding any envelope, case, or contrivance forming part of the explosive).

(4) For the purposes of these Regulations—

(*a*) any area on any part of the coast of the United Kingdom or in any tidal water for which there is no harbour authority, but for which there are in force (as if it were a harbour) byelaws made under section 34 of the Explosives Act 1875, as amended by any other enactment, being the area defined by those byelaws as the area within which they are to be observed, shall be deemed to be a harbour area, and the authority defined by those byelaws as the authority by whom they are to be enforced and carried into effect within such area, shall be deemed to be the harbour authority of that harbour area; and

(*b*) each portion of the area (comprising the lower estuary of the Clyde) within which there are in force (as if it were a harbour) byelaws made under section 115 of the Explosives Act 1875, being a portion for which the Secretary of State has under that section defined the authority by whom such byelaws are to be enforced and carried into effect within that portion, shall be deemed to be a harbour area, and the authority so defined shall be deemed to be the harbour authority of that harbour area.

Classification of Explosives

4.—(1) For the purposes of these Regulations, military explosives are assigned hazard classification codes, comprising two numbers corresponding to the Class and Division, and a letter indicating the Compatibility Group, as described in Schedule 1 to these Regulations. Schedule 2 to these Regulations contains descriptions of explosive substances or articles, with their Class, Division, Serial Numbers and Compatibility Groups and references in these Regulations to explosives belonging to a Class or Division described by a number, or a Compatibility Group described by a letter should be construed by reference to that Schedule.

Preliminary Notice

5. Before any military explosive is brought into a harbour area for conveyance, notice in writing shall be given by the responsible authority to the harbour master of the harbour area of—

(*a*) the nature and quantity of the explosives comprised in the consignment

(*b*) the Hazard Code to which the explosive belongs

(*c*) the name of the vessel which will bring the explosive into or take it out of the harbour area, and

(*d*) the time when it is proposed or expected to load or unload the explosive into or out of any vessel.

General Responsibilities of Harbour Master and Authorised Representative

6.—(1) For the purpose of securing the safety of any harbour area in which any military explosive is conveyed, the harbour master of such harbour area may from time to time direct where any vessel or vehicle carrying the explosive may be while it is in that area and at what place or places in that area the explosive may be loaded or unloaded into or out of a vessel or vehicle.

(2) Where any military explosive is conveyed within a harbour area then the harbour master shall, after consulting the authorised representative determine what precautions are to be taken for the safety of the harbour

area, and the authorised representative shall give technical advice to the harbour master and to the master of any vessel which may be affected by such conveyance

Packing and Marking

7.—(1) Except as otherwise provided in this Regulation, where a military explosive is packed for conveyance that explosive shall not be conveyed in a harbour area unless the package containing it complies with the following requirements, that is to say:—

(*a*) each package shall bear a label indicating that the explosive in the package is a military explosive, and stating the hazard classification code to which the explosive in the package belongs.

(*b*) the package shall be sealed and the seal on it shall be on which, in accordance with instructions issued by the responsible authority, is put on packages containing explosives to indicate that they have been properly packed for conveyance.

(*c*) each package shall be marked with the Service Designation or authorised short name of the explosive, and the United Nations Serial Number.

(2) The provisions of paragraph (1)(*a*) of this Regulation shall not apply to military explosives belonging to Compatibility Group S which are to bear a stencil label or brand stating SAFETY EXPLOSIVE (1.4S) and military explosives on a pallet which are to bear a label as required by paragraph (1)(*a*) of this Regulation on each of the four vertical faces of the pallet load.

(3) Where an explosive is not required to be packed for conveyance, that explosive shall only bear a mark of label stating its identity.

Conveyance of Explosives Belonging to Compatibility Group L

8. Explosives belonging to Compatibility Group L shall not be conveyed in a harbour area unless specially authorised by the harbour master and only when any special precautions have been agreed between the harbour master and the responsible authority for the explosives.

Flags and Lights

9. The master of any vessel in a harbour area which has on board any military explosive, other than a vessel which has explosives belonging to Compatibility Group S only or less than 50 kg of explosives, shall secure that that vessel shall at all times display—

(*a*) between sunrise and sunset, a red burgee or a red flag not less than 1 metre square; and

(*b*) between sunset and sunrise, solely when moored or anchored a red light so constructed as to give, in conditions of normal visibility, a clear uniform and unbroken light visible all round the horizon for a distance of at least 2 nautical miles.

The said burgee, flag or light, as the case may be, shall be displayed on the masthead of the vessel or, if the vessel has no mast, on a staff which shall be fixed at such a place as may best secure the visibility of the burgee, flag or light; and the said light shall be so displayed at a height above that of any other light; other than the masthead navigational lights, which the vessel may carry:

Provided that where any such vessel is moored or secured alongside another

vessel which is required (whether under this regulation or otherwise) to display any such light as aforesaid by reason of carrying explosives, it shall be sufficient for the purposes of this Regulation if the said light is displayed as aforesaid on the larger of the two vessels only.

Loading and Unloading

10—(1) The following provisions of this Regulation shall apply to the loading and unloading of military explosives into or out of any vessel or vehicle in a harbour area.

(2) Subject to Regulation 6 hereof, loading or unloading may take place, in the case of both vessels and vehicles, at any place in the harbour area, including a dock.

(3) Where the explosives are loaded into or unloaded out of a vessel, then subject to paragraph (15) of this Regulation—

(*a*) an officer of the vessel especially charged with that duty shall supervise and be present throughout the operation;

(*b*) the operation shall not begin until the authorised representative has inspected both the proposed stowage area in the vessel and either the explosives or, where they are in a package, the package containing them; and

(*c*) the authorised representative shall be available throughout the operation to give advice.

(4) Where the unloading of a vessel or vehicle takes place at a dock, the unloading shall, subject to paragraph (5) of this Regulation, begin as soon as possible after the vessel or vehicle comes into the dock or upon the dock side.

(5) Loading or unloading shall not, unless the consent of the harbour master has first been obtained, be carried out at any time during the period commencing one hour after sunset and ending one hour before sunrise.

(6) Subject to paragraph (5) of this Regulation, when loading or unloading has begun it shall be carried through to completion with diligence and despatch.

(7) When explosives are being unloaded from vehicles and loaded into a vessel, there shall not be a greater number of the vehicles alongside the vessel at any time than is, in the opinion of the harbour master, necessary to secure that the operation does not have to be interrupted merely in order to bring another of the vehicles alongside the vessel.

(8) When loading is completed the loaded vessel or vehicle shall, as soon as is reasonably practicable, be taken out of the harbour area.

(9) Before the commencement of and at all times during loading or unloading the master of any vessel which is affected by this operation and, subject to paragraph (15) of this Regulation, the authorised representative shall each (after consulting, where necessary, the harbour master) secure so far as possible that all due precautions are taken to reduce the risk of fire or explosion in the course of the operation.

(10) No vessel shall be used for the purpose of assisting in the loading or unloading of any explosive substances belonging to Compatibility Groups C or D into or out of any other vessel in a harbour area unless it is, when used for that purpose a vessel which has been approved for such use by the authorised representative after consulting the harbour master.

(11) No explosive, or package containing an explosive, shall be thrown down or roughly handled.

(12) Where an explosive, or a package containing an explosive, is loaded or unloaded by means of a sling, due precautions shall be taken to sling it in such a manner as effectually to prevent any risk of its falling.

(13) No intoxicated person shall be allowed to be in the hold of any vessel or in any vehicle into or out of which explosives are being loaded or unloaded or to approach the explosives while they are being loaded or unloaded.

(14) Without prejudice to any of the foregoing provisions of this Regulation, all persons taking part in the loading or unloading of explosives shall throughout the operation observe all due precautions for the prevention of accidents by fire or explosion and, in particular, shall abstain from any act which tends to cause fire or explosion and is not reasonably necessary for the purposes of the operation, and all such persons shall use every reasonable endeavour to prevent any other person from committing any such act, and also to prevent any person unauthorised from approaching or being near the explosives.

(15) The provision of paragraphs (3)(*b*) and (*c*) and, so far as they relate to duties of the authorised representative, of paragraph (9) of this Regulation, shall not apply where explosives are being or are to be loaded into or unloaded from a vessel or vehicle and those explosives and any explosives which—

(*a*) are already contained in the vessel or vehicle which is being or is to be loaded, or

(*b*) remain or are to remain in the vessel or vehicle which is being or is to be unloaded,

are explosives carried for safety or signalling purposes, or excepted commercial explosives as defined by regulation 12(2) hereof.

Smoking

11. No person shall smoke whilst engaged in handling or moving in a harbour area any military explosive or whilst in the vicinity of any such explosive which is being handled or moved in such an area.

Quantity and Other Restrictions on Explosives to be Carried in a Vessel

12.—(1) Subject to paragraph (5) of this Regulation, no vessel containing any military explosive may be in a harbour area if, in addition to any such explosive, it contains any explosive other than explosive of any of the following kinds:—

(*a*) explosive which is under the control of the Secretary of State,

(*b*) explosive which is under the control of a headquarters or of the service authorities of a visiting force,

(*c*) explosive carried by the vessel for safety or signalling purposes, and

(*d*) excepted commercial explosives.

(2) For the purpose of the foregoing paragraph excepted commercial explosives are:—

(*a*) any quantities of explosives which are included in Division I of Class 6 of the classes into which explosives are divided by the Order in Council

made under Section 106 of the Explosives Act 1875 on the 5th August 1875**(a)**

(*b*) not more than 10 kg gross in weight in the aggregate of explosives which are included in any of the classes into which explosives are divided by the said Order in Council, excluding explosives which are included in Class 5 or Division 2 or 3 of Class 6 of those classes,

(*c*) any quantities of explosives which are included in the expression "Shop Goods" by the order in Council made under the Explosives Act 1875 on the 11th May 1906**(b)**, amending an Order in Council made under the said Act on the 26th October, 1896**(c)**, relating to premises registered for mixed explosives, and

(*d*) not more than 1 tonne gross in weight of explosives which are designed for use in ships or aircraft as distress signals,

(*e*) any quantities of the explosives specified in Schedule 3 to these Regulations including any variation in the classification thereof as certified by the Secretary of State.

(3) Where any vessel is in a harbour area, the following rules shall (subject to paragraphs (4) and (5) of this Regulation) be observed as regards the quantities of military explosive which may at any one time be in that vessel, that is to say:—

(*a*) there shall not be in the vessel more than 125 tonnes net of explosives belonging to Hazard Division 1.1,

(*b*) there shall not be in the vessel more than 500 tonnes net of explosives belonging to hazard divisions other than 1.1,

(*c*) where there is in the vessel explosives belonging to Hazard Divisions 1.2 or 1.3, (or 1.5) and also explosives belonging to Hazard Division 1.1 then the aggregate shall be deemed to belong to Hazard Division 1.1 and the limit of 125 tonnes shall apply,

(*d*) where there is in the vessel any explosive which is under the control of the Secretary of State, a headquarters, or the service authorities of a visiting force, then, for the purpose only of ascertaining what (if any) quantities of military explosive are under the foregoing provisions of this paragraph in that vessel at the same time, the explosive which is under such control as aforesaid shall be reckoned as military explosive.

(4) If—

(*a*) the Secretary of State certifies that it is essential in the national interest that for the purposes of the application of these Regulations to any particular conveyance in a harbour area which may be specified in the certificate, sub-paragraphs (*b*) and (*c*) of paragraph (3) of this Regulation should be modified in the manner permitted by this paragraph, and

(*b*) a person duly authorised in that behalf by the harbour authority of the harbour area specified in that certificate has consented in writing to such modification of the said sub-paragraphs (*b*) and (*c*) for the aforesaid purposes,

then the said sub-paragraphs (*b*) and (*c*) shall in their application to the conveyance specified in the said certificate have effect as if for the figures 500 and 125 where those figures occur in those sub-paragraphs, there were substituted respectively the figures, 1000 and 250.

(a) Rev. VII, p. 1.
(b) S.R. & O. 1906/380 (Rev. VII, p. 55: 1906 p. 172).
(c) S.R. & O. 1896/964 (Rev. VII, p. 48: 1896 p. 95).

(5) This Regulation shall not apply to any vessel which is at a place in a harbour area which has been designated by the Secretary of State (with the approval of the harbour authority of that area) as a place in relation to which the requirement of this Regulation need not be observed or to any vessel which is proceeding with due dispatch through a harbour area to or from a place which has been so designated as aforesaid in that harbour area.

Berthing

13.—(1) Whenever a vessel containing military explosive is in or at a dock and any of such explosive belongs to Hazard Division 1.1 then (except as provided in paragraph (3) of this Regulation) there shall at all times be a distance of not less than 300 metres between that vessel and—

(*a*) any other vessel containing any explosive which belongs to Hazard Division 1.1,

(*b*) any vehicle containing any explosive which belongs to Hazard Division 1.1.

In sub-paragraphs (*a*) and (*b*) of this paragraph the phrase "explosive which belongs to Hazard Division 1.1" includes, in addition to any military explosive which belongs to that Hazard Division any explosive which is under the control of the Secretary of State, a headquarters, or the service authorities of a visiting force and which would belong to that hazard division for the purposes of these Regulations if it were military explosive.

(2) Without prejudice to the requirements of paragraph (1) of this Regulation, whenever any vessel containing military explosive is in or at a dock and any of such explosive belongs to Hazard Division 1.1 then (except as provided in paragraph (3) of this Regulation) there shall at all times be a distance of not less than 100 metres between that vessel and—

(*a*) any other vessel which contains any explosive whatsoever, other than excepted explosive, or

(*b*) any vehicle which contains any explosive whatsoever, other than excepted explosive.

In this paragraph the phrase "excepted explosive" means any explosive belonging to Compatibility Group S, any explosive which would be explosive belonging to Compatibility Group S for the purposes of these Regulations if it were military explosive, any explosive which is carried by a vessel for safety or signalling purposes, and any explosives which are excepted commercial explosives as defined in Regulation 12(2) hereof.

(3) Vessels or vehicles may be within such a distance of each other as, but for this paragraph, would be contrary to the provisions of this Regulation, in the following cases—

(*a*) where one or more of those vessels or vehicles is in course of movement from one place to another,

(*b*) where explosives are being moved to or from any one of those vessels or vehicles from or to the other or others, and the explosives which are in all the vessels and vehicles concerned in the movement are of such kinds and quantities that the presence of all those explosives in any one of those vessels at the same time would not contravene any of the foregoing provisions of these Regulations, and

(*c*) where the amount of explosive belonging to Hazard Division 1.1 contained in any vessel together with the amount of such explosive in any other vessel, or any vehicle, within such a distance as, but for this para-

graph, would be contrary to the provisions of this Regulation, does not exceed 12 tonnes net.

Mobility of Vessels

14. The master of any vessel containing military explosives for conveyance in a harbour area shall—

(*a*) secure that at all times while it is in that area the vessel shall be kept afloat and otherwise so situated and maintained as to be capable of being moved at any time when that vessel is required to be moved; and

(*b*) provide and have available for immediate use at all times while the vessel is berthed in the harbour area, adequate towing wires properly turned up and secured to mooring bits and have the towing eyes passed outboard and maintained at or about water level;

Provided that the provisions of this Regulation shall not apply to a vessel carrying explosives belonging to Compatibility Group S only or less than 50 kg of explosives.

Hatches

15. Where there is in a hold of any vessel any military explosive, the master of the vessel shall secure that the hatches of that hold are kept closed and securely covered except at such times as he may consider it necessary that they shall be opened for the purpose of enabling the contents of that hold to be removed therefrom, or things to be stowed in it, or for any other necessary purpose.

Watch on Vessels

16. Any vessel carrying military explosives shall be constantly watched by some competent person appointed for that purpose by the master of the vessel, and the person so appointed to watch any vessel shall at all times keep a good look-out.

Repair Work

17.—(1) No repair work of any kind shall be carried out in a hold of any vessel in which there is any military explosive if there is any explosive whatsoever in that hold.

(2) Repair work which involves welding, burning or rivetting, or any other operation creating a risk of fire, shall not be carried out on board any vessel when there is in the vessel any military explosive:

Provided that if a person duly authorised by the harbour authority of the harbour area is satisfied that circumstances make it essential for such work to be carried out, he may authorise it to be carried out subject to such conditions as he may impose, and in that case the work may be carried out subject to the observance of those conditions.

Precautions Against Fire and Other Emergencies

18. The harbour authority of a harbour area and the authorised representative shall respectively satisfy themselves that throughout the conveyance in that area of any military explosive satisfactory arrangements are in existence for dealing with any fire which may break out or with any other emergency which may arise during that conveyance:

Provided that the duty imposed upon the authorised representative by this

Regulation shall not apply where the conveyance is of explosive belonging to the Compatibility Group S only.

Special Safety Precautions

19. The authorised representative shall be responsible for securing as regards any explosive to which his authority relates:—

(*a*) that if, in the course of conveyance of the explosive in a harbour area, the explosive, or any package containing the explosive, or the seal of any such package, appears to be damaged, the explosive or package, as the case may be, shall be set aside for examination, and any such explosive or package (including any undamaged contents of any such package) shall be disposed of safely;

(*b*) that any of the explosive which may escape from any package in the course of its conveyance in a harbour area shall be carefully collected and disposed of safely; and

(*c*) that if, in the course of its conveyance in a harbour area, any of the explosive is dropped overboard or otherwise lost, the occurence shall be reported forthwith to the harbour authority with such information as may be available of the time and place of the loss and of the quantity and type of the explosive lost, and such steps shall be taken to recover the explosive as the authorised representative, after consulting the harbour master, may consider to be practicable.

Conveyance of Deteriorated Explosives

20. If any military explosive has for any reason undergone such deterioration or change of condition as materially to increase the risks likely to attend its conveyance in a harbour area, that explosive shall not be consigned for conveyance in a harbour area until the responsible authority has notified the appropriate harbour authority in writing of the fact of such deterioration or change and has agreed with the harbour authority what precautions (if any) in addition to those prescribed by the foregoing provisions of these Regulations, shall be taken in relation to its conveyance.

Dated this 23rd day of May 1977

Fred Mulley,
One of Her Majesty's Principal
Secretaries of State

Regulation 4

SCHEDULE 1

THE UNITED NATIONS CLASSIFICATION SYSTEM FOR EXPLOSIVES

1. Explosives are included in Class 1 of the Recommendations prepared by the United Nations Committee of Experts on the transport of dangerous goods.

Class 1 is divided into five divisions, namely:—

Division 1.1—Substances and articles which have a mass explosion hazard.

Division 1.2—Substances and articles which have a projection hazard but not a mass explosion hazard.

Division 1.3—Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard.

Division 1.4—Substances and articles which present no significant hazard.

Division 1.5—Very insensitive substances.

2. Explosives are considered to be "compatible" if they may be stowed or conveyed together without significantly increasing either the probability of an accident or, for a given quantity, the magnitude of the effects of such an accident. The explosives Compatibility Groups, and their associated Classification Codes, are set out in the table hereunder. The determination of the correct hazard division, and thus of the corresponding classification code, is a function of the responsible national authority.

DESCRIPTION OF SUBSTANCE OR ARTICLE	COMPATIBILITY GROUP	CLASSIFICATION CODE
Primary explosive substance	A	1.1 A
Article containing a primary explosive substance	B	1.1 B 1.2 B 1.4 B
Propellant explosive substance or other secondary deflagrating explosive substance or article containing such explosive substance	C	1.1 C 1.2 C 1.3 C 1.4 C
Secondary detonating explosive substance or black powder or article containing a secondary detonating explosive substance, in each case *without means of initiation* and without a propelling charge	D	1.1 D 1.2 D 1.4 D 1.5 D
Article containing a secondary detonating explosive substance, *without means of initiation*, with a propelling charge	E	1.1 E 1.2 E
Article containing a secondary detonating explosive substance, *with means of initiation*, with or without a propelling charge	F	1.1 F 1.2 F 1.3 F 1.4 F
Pyrotechnic substance, or article containing a pyrotechnic substance, or article containing both an explosive substance and an illuminating, incendiary, lachrymatory or smoke-producing substance (other than a water-activated article or one containing white phosphorus, phosphide or an inflammable liquid or gel)	G	1.1 G 1.2 G 1.3 G 1.4 G
Article containing both an explosive substance and white phosphorus	H	1.2 H 1.3 H
Article containing both an explosive substance and an inflammable liquid or gel	J	1.3 J
Article containing both an explosive substance and a toxic chemical agent	K	1.2 K 1.3 K
Explosive substance or article containing an explosive substance and presenting a special risk needing isolation of each type	L	1.1 L 1.2 L 1.3 L
Substance or article so packed or designed that any hazardous effects arising from accidental functioning are confined within the package unless the package has been degraded by fire, in which case all blast or projection effects are limited to the extent that they do not significantly hinder or prohibit fire fighting or other emergency response efforts in the immediate vicinity of the package	S	1.4 S

Regulation 4

SCHEDULE 2

CLASSIFICATION OF MILITARY EXPLOSIVES

Editorial Notes

1. Capital letters for a name, or for part of a name, indicate the authorised short name.
2. Capital letters in parentheses indicate an authorised alternative word or words in the short name.
3. Words in lower case letters are for clarification and are not a necessary part of the authorised name.
4. A star printed against a description indicates that the term has been formally described either because it may not be well known or because it is used in a sense which may be at variance with previous usage.
5. The abbreviation "n.o.s." means "not otherwise specified".
6. Stowage conditions are indicated by symbols which refer to conditions recommended by the Department of Trade as follows:

ASCNA: As specified by the competent national authority
COTL: Container or the like
NOSTO: Not overstowed
ODS: On deck, secured
PMC: Portable magazine, Type C
WCOTL: Waterproof container or the like.
I, IIA, IIB, IIC, III and IV Stowage categories.

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number	Stowage on Deck	Stowage under Deck
	Class/ Division	Compatibility Group			
ALARM DEVICES, automatic (Auto alarms), EXPLOSIVE*	1.4	S	0001	COTL	I
AMMONIUM NITRATE containing more than 0·2% of combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	1.1	D	0222	COTL	IIB
AMMONIUM NITRATE FERTILIZER which is more liable to explode than ammonium nitrate containing 0·2% of combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	1.1	D	0223	COTL	IIB
AMMONIUM PICRATE dry or containing, by weight, less than 10% water	1.1	D	0004	COTL	IIB lead free
AMMUNITION, ILLUMINATING*, with or without burster, expelling charge or propelling charge	1.2	G	0171	COTL	I
AMMUNITION, ILLUMINATING*, with or without burster, expelling charge or propelling charge	1.3	G	0254	COTL	I
AMMUNITION, ILLUMINATING*, with or without burster, expelling charge or propelling charge	1.4	G	0297	COTL	I
AMMUNITION, INCENDIARY* (other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge	1.2	G	0009	COTL	I
AMMUNITION, INCENDIARY* (other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge, or propelling charge	1.3	G	0010	COTL	I
AMMUNITION, INCENDIARY*, liquid or gel with burster, expelling charge or propelling charge	1.3	J	0247	COTL	I but segregated
AMMUNITION, INCENDIARY* (other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge	1.4	G	0300	COTL	I
AMMUNITION, INCENDIARY*, WHITE PHOSPHORUS, with burster, expelling charge or propelling charge	1.2	H	0243	COTL	IV
AMMUNITION, INCENDIARY, WHITE PHOSPHORUS, with burster, expelling charge or propelling charge	1.3	H	0244	COTL	IV
AMMUNITION, PRACTICE	1.4	G	0362	COTL	I

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number	Stowage on Deck	Stowage under Deck
	Class/ Division	Compatibility Group			
AMMUNITION, PROOF	1.4	G	0363	COTL	I
AMMUNITION, SMOKE* (other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge	1.2	G	0015	COTL	IV
AMMUNITION, SMOKE* (other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge	1.3	G	0016	COTL	IV
AMMUNITION, SMOKE* (other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge	1.4	G	0303	COTL	IV
AMMUNITION, SMOKE* (other than water-activated ammunition), WHITE PHOSPHORUS, with burster, expelling charge or propelling charge	1.2	H	0245	COTL	IV
AMMUNITION, SMOKE* (other than water-activated ammunition), WHITE PHOSPHORUS, with burster, expelling charge or propelling charge	1.3	H	0246	COTL	IV
AMMUNITION, TEAR-PRODUCING*, with burster, expelling charge or propelling charge	1.2	G	0018	COTL	IV
AMMUNITION, TEAR-PRODUCING*, with burster, expelling charge or propelling charge	1.3	G	0019	COTL	IV
AMMUNITION, TEAR-PRODUCING*, with burster, expelling charge or propelling charge	1.4	G	0301	COTL	IV
AMMUNITION, TOXIC* (other than water-activated ammunition), with burster, expelling charge or propelling charge	1.2	K	0020	Not permitted	IV
AMMUNITION TOXIC* (other than water-activated ammunition), with burster, expelling charge or propelling charge	1.3	K	0021	Not permitted	IV
ARTICLES, EXPLOSIVE, n.o.s.	1.1	L	0354	ASCNA	ASCNA
ARTICLES, EXPLOSIVE, n.o.s.	1.2	L	0355	ASCNA	ASCNA
ARTICLES, EXPLOSIVE, n.o.s.	1.3	L	0356	ASCNA	ASCNA
ARTICLES, EXPLOSIVE, n.o.s.	1.4	B	0350	COTL	I
ARTICLES, EXPLOSIVE, n.o.s.	1.4	C	0351	COTL	I
ARTICLES, EXPLOSIVE, n.o.s.	1.4	D	0352	COTL	I
ARTICLES, EXPLOSIVE, n.o.s.	1.4	G	0353	COTL	IV
ARTICLES, EXPLOSIVE, n.o.s.	1·4	S	0349	COTL	I
ARTICLES PYROPHORIC*	1.2	L	0380	ASCNA	ASCNA
BARIUM AZIDE, dry or containing, by weight, less than 50% water or alcohol	1.1	A	0224	PMC	IIC

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number	Stowage on Deck	Stowage under Deck
	Class/ Division	Compatibility Group			
BLACK POWDER (GUNPOWDER)*, granular, flake or as meal.	1.1	D	0027	COTL	IIB if dust-tight IIA otherwise
BLACK POWDER (GUNPOWDER)*, COMPRESSED (IN PELLETS)	1.1	D	0028	COTL	IIB if dust-tight IIA otherwise
BLASTING CAPS (DETONATORS FOR BLASTING)*, ELECTRIC	1.1	B	0030	PMC	IIC
BLASTING CAPS (DETONATORS FOR BLASTING)* ELECTRIC	1.4	B	0255	COTL	I
BLASTING CAPS (DETONATORS FOR BLASTING)*, NONELECTRIC	1.1	B	0029	COTL	IIC
BLASTING CAPS (DETONATORS FOR BLASTING)* NONELECTRIC	1.4	B	0267	COTL	I
BLASTING CAP ASSEMBLIES (DETONATOR ASSEMBLIES FOR BLASTING)* NONELECTRIC	1.1	B	0360	COTL	IIC
BLASTING CAP ASSEMBLIES (DETONATOR ASSEMBLIES FOR BLASTING)* NONELECTRIC	1.4	B	0361	COTL	I
BOMBS, with bursting charge	1.1	D	0034	ODS	I
BOMBS, with bursting charge	1.1	F	0033	ODS	I
BOMBS, with bursting charge	1.2	D	0035	ODS	I
BOMBS, with bursting charge	1.2	F	0291	ODS	I
BOMBS, PHOTO-FLASH*	1.1	D	0038	WCOTL	I
BOMBS, PHOTO-FLASH*	1.1	F	0037	WCOTL	I
BOMBS, PHOTO-FLASH*	1.2	G	0039	WCOTL	I
BOMBS, PHOTO-FLASH*	1.3	G	0299	WCOTL	I
BOOSTERS (GAINES)*, without detonator	1.1	D	0042	COTL	I
BOOSTERS (GAINES)*, without detonator	1.2	D	0283	COTL	I
BOOSTERS (GAINES)*, with DETONATOR	1.1	B	0225	COTL	I
BOOSTERS (GAINES)*, with DETONATOR	1.2	B	0268	COTL	I
BURSTERS*, explosive	1.1	D	0043	COTL	I
CARTRIDGES, FLASH*	1.1	G	0049	WCOTL-NOSTO	III
CARTRIDGES, FLASH*	1.3	G	0050	WCOTL-NOSTO	III
CARTRIDGES* FOR WEAPONS, with bursting charge	1.1	E	0006	COTL	I
CARTRIDGES* FOR WEAPONS, with bursting charge	1.1	F	0005	COTL	I
CARTRIDGES* FOR WEAPONS, with bursting charge	1·2	E	0321	COTL	I
CARTRIDGES* FOR WEAPONS, with bursting charge	1.2	F	0007	COTL	I
CARTRIDGES* FOR WEAPONS, with bursting charge	1.4	F	0348	COTL	I

Substance (or Group of Substances Article (or Group of Articles)	Classification Code		UN Serial Number	Stowage on Deck	Stowage under Deck
	Class/ Division	Compatibility Group			
CARTRIDGES* FOR WEAPONS, other than blank (CARTRIDGES, SAFETY*)	1.4	S	0012	COTL	I
CARTRIDGES* FOR WEAPONS, BLANK	1.1	C	0326	COTL	I
CARTRIDGES* FOR WEAPONS, BLANK	1.3	C	0327	COTL	I
CARTRIDGES* FOR WEAPONS, BLANK	1.4	C	0338	COTL	I
CARTRIDGES* FOR WEAPONS, BLANK (CARTRIDGES, SAFETY*)	1.4	S	0014	COTL	I
CARTRIDGES* FOR WEAPONS, with INERT PROJECTILE	1.2	C	0328	COTL	I
CARTRIDGES* FOR WEAPONS, with INERT PROJECTILE	1.4	C	0339	COTL	I
CARTRIDGES, OIL WELL*	1.3	C	0277	COTL	I
CARTRIDGES, OIL WELL*	1.4	C	0278	COTL	I
CARTRIDGES, POWER DEVICE*	1.2	C	0381	COTL	I
CARTRIDGES, POWER DEVICE*	1.3	C	0275	COTL	I
CARTRIDGES, POWER DEVICE*	1.4	C	0276	COTL	I
CARTRIDGES, POWER DEVICE* (CARTRIDGES, SAFETY*)	1.4	S	0323	COTL	I
CARTRIDGES, SIGNAL*	1.3	G	0054	WCOTL NOSTO	III
CARTRIDGES, SIGNAL*	1.4	G	0312	WCOTL NOSTO	III
CASES, CARTRIDGE, EMPTY, WITH PRIMER	1.4	C	0379	COTL	I
CASES, CARTRIDGE, EMPTY, WITH PRIMER	1.4	S	0055	COTL	I
CHARGES, DEMOLITION	1.1	D	0048	COTL	I
CHARGES, DEPTH	1.1	D	0056	ODS	I
CHARGES, PROPELLING*, FOR CANNON	1.1	C	0279	COTL	IIB
CHARGES, PROPELLING*, FOR CANNON	1.3	C	0242	COTL	IIB
CHARGES, PROPELLING* FOR ROCKET MOTORS (PROPELLANT, SOLID, ROCKET MOTOR)	1.1	C	0271	COTL	IIB
CHARGES, PROPELLING*, FOR ROCKET MOTORS (PROPELLANT, SOLID, ROCKET MOTOR, composite mixture	1.1	C	0273	COTL	IIB
CHARGES, PROPELLING*, FOR ROCKET MOTORS (PROPELLANT, SOLID, ROCKET MOTOR)	1.3	C	0272	COTL	IIB
CHARGES, PROPELLING*, FOR ROCKET MOTORS (PROPELLANT, SOLID, ROCKET MOTOR), composite mixture	1.3	C	0274	COTL	IIB
CHARGES, SHAPED, commercial*, without detonator	1.1	D	0059	COTL	I
CHARGES, SHAPED, FLEXIBLE, LINEAR, metal clad*	1.1	D	0288	COTL	I
CHARGES, SHAPED, FLEXIBLE, LINEAR, metal clad*	1.4	D	0237	COTL	I

Substances (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number	Stowage on Deck	Stowage under Deck
	Class/ Division	Compatibility Group			
CHARGES, SUPPLEMENTARY, EXPLOSIVE*	1.1	D	0060	COTL	IIB
COMPONENTS, EXPLOSIVE TRAIN*, n.o.s.	1.2	B	0382	COTL	1
COMPONENTS, EXPLOSIVE TRAIN*, n.o.s.	1.4	B	0383	COTL	I
COMPONENTS, EXPLOSIVE TRAIN*, n.o.s.	1.4	S	0384	COTL	I
Contrivances, water-activated*, with burster, expelling charge or propelling charge (1)	1.2	L	0248	WCOTL	IV
Contrivances, water-activated*, with burster, expelling charge or propelling charge (1)	1.3	L	0249	WCOTL	IV
CORD, DETONATING, flexible*	1.1	D	0065	COTL	I
CORD, DETONATING, flexible*	1.4	D	0289	COTL	I
CORD (FUSE), DETONATING, metal clad*	1.1	D	0290	COTL	I
CORD (FUSE), DETONATING, metal clad	1.2	D	0102	COTL	I
CORD (FUSE), DETONATING, metal clad*, MILD EFFECT	1.4	D	0104	COTL	I
CORD, IGNITER*	1.4	G	0066	COTL	I
CUTTERS, CABLE, EXPLOSIVE	1.4	S	0070	COTL	I
CYCLOTETRAMETHYLENETETRANITRAMINE (HMX or OCTOGENE) containing, by weight, at least 15% water or at least 10% phlegmatiser*	1.1	D	0226	COTL	IIB
CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE or HEXOGENE or RDX) containing, by weight at least 15% water or at least 10% phlegmatiser*	1.1	D	0072	COTL	IIB
CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE or HEXOGENE or RDX) mixed WITH CYCLOTETRAMETHYLENETETTRANITRAMINE (HMX or OCTOGENE), containing, by weight, at least 15% water or at least 10% phlegmatiser*	1.1	D	0391	COTL	IIB
Deflagrating metal salts of aromatic nitroderivatives, n.o.s.(2)	1.3	C	0132	COTL	IIB
DETONATORS FOR AMMUNITION*	1.1	B	0073	PMC	IIC
DETONATORS FOR AMMUNITION*	1.2	B	0364	PMC	IIC
DETONATORS FOR AMMUNITION*	1.4	B	0365	COTL	I
DETONATORS FOR AMMUNITION*	1.4	S	0366	COTL	I
DIAZODINITROPHENOL containing, by weight, at least 40% water or mixture of alcohol and water	1.1	A	0074	PMC	IIC

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(2) The correct technical name of the particular metal salt should be specified.

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number	Stowage on Deck	Stowage under Deck
	Class/ Division	Compatibility Group			
DIETHYLENEGLYCOLDINITRATE containing, by weight, at least 25% non-volatile water-insoluble phlegmatiser*	1.1	D	0075	COTL	IIA
DINITROPHENATES (alkali metals), dry or containing, by weight, less than 15% water (1)	1.3	C	0077	COTL	IIB
DINITROPHENOL, dry or containing, by weight, less than 15% water	1.1	D	0076	COTL	IIB lead free
DINITRORESORCINOL, dry or containing, by weight, less than 15% water	1.1	D	0078	COTL	IIB lead free
EXPLOSIVES, BLASTING, TYPE A*	1.1	D	0081	COTL	IIB
EXPLOSIVES, BLASTING, TYPE B*	1.1	D	0082	COTL	IIB
EXPLOSIVES, BLASTING, TYPE B*	1.5	D	0331	COTL	IIB
EXPLOSIVES, BLASTING, TYPE C*	1.1	D	0083	COTL	IIB
EXPLOSIVES, BLASTING, TYPE D*	1.1	D	0084	COTL	IIB
EXPLOSIVES, BLASTING, TYPE E*	1.1	D	0241	COTL	IIB
EXPLOSIVES, BLASTING, TYPE E*	1.5	D	0332	COTL	IIB
FIREWORKS, TYPE A*	1.1	G	0333	WCOTL-NOSTO	III
FIREWORKS, TYPE B*	1.2	G	0334	WCOTL-NOSTO	III
FIREWORKS, TYPE C*	1.3	G	0335	WCOTL-NOSTO	III
FIREWORKS, TYPE D*	1.4	G	0336	WCOTL-NOSTO	III
FIREWORKS, TYPE D*	1.4	S	0337	WCOTL-NOSTO	III
FLARES, AERIAL	1.3	G	0093	WCOTL-NOSTO	III
FLARES, SURFACE (other than water-activated flares)	1.3	G	0092	WCOTL-NOSTO	III
FRACTURING DEVICES, for oil wells*, EXPLOSIVE	1.1	D	0099	COTL	I
FUSE, IGNITER, tubular, metal clad	1.4	G	0103	COTL	I
FUSE, INSTANTANEOUS, NON-DETONATING*	1.3	G	0101	COTL	III
FUSE, SAFETY*	1.4	S	0105	COTL	I
FUZES, DETONATING*	1.1	B	0106	COTL	I
FUZES, DETONATING*	1.2	B	0107	COTL	I
FUZES, DETONATING*	1.4	B	0257	COTL	I
FUZES, DETONATING*	1.4	S	0367	COTL	I
FUZES, IGNITING*	1.3	G	0316	COTL	I
FUZES, IGNITING*	1.4	G	0317	COTL	I
FUZES, IGNITING*	1.4	S	0368	COTL	I
GRENADES, hand or rifle, with bursting charge	1.1	D	0284	COTL	I
GRENADES, hand or rifle, with bursting charge	1.1	F	0292	COTL	I

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Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number	Stowage on Deck	Stowage under Deck
	Class/ Division	Compatibility Group			
GRENADES, hand or rifle, with bursting, charge	1.2	D	0285	COTL	I
GRENADES, hand or rifle, with bursting charge	1.2	F	0293	COTL	I
GRENADES, PRACTICE, hand or rifle	1.2	G	0372	COTL	I
GRENADES, PRACTICE, hand or rifle	1.3	G	0318	COTL	I
GRENADES, PRACTICE, hand or rifle	1.4	S	0110	COTL	I
GUANYL NITROSAMINOGUANYLIDENE HYDRAZINE containing, by weight, at least 30% water	1.1	A	0113	PMC	IIC
GUANYL NITROSAMINOGUANYL TETRAZENE (TETRAZENE) containing, by weight, at least 30% water or mixture of alcohol and water	1.1	A	0114	PMC	IIC
HEXANITRODIPHENYLAMINE (DIPICRYLAMINE or HEXYL)	1.1	D	0079	COTL	IIB
HEXANITROSTILBENE	1.1	D	0392	COTL	IIB if dust-tight IIA otherwise
HEXATONAL, CAST	1.1	D	0393	COTL	IIB
HEXOLITE*, dry or containing, by weight, less than 15% water	1.1	D	0118	COTL	IIB
IGNITERS*	1.1	G	0121	WCOTL	III
IGNITERS*	1.2	G	0314	WCOTL	III
IGNITERS*	1.3	G	0315	WCOTL	III
IGNITERS*	1.4	G	0325	WCOTL	III
JET PERFORATING GUNS, oil well CHARGED*, without detonator	1.1	D	0124	COTL	I
LEAD AZIDE containing, by weight, at least 20% water or mixture of alcohol and water	1.1	A	0129	PMC	IIC
LEAD STYPHNATE (LEAD TRINITRORESORCINATE) containing, by weight, at least 20% water or mixture of alchohol and water	1.1	A	0130	PMC	IIC
LIGHTERS FUSE*	1.4	S	0131	COTL	I
MANNITOL HEXANITRATE (NITROMANNITE) containing, by weight, at least 40% water or mixture of alcohol and water	1.1	D	0133	COTL	IIB
MERCURY FULMINATE containing, by weight, at least 20% water or mixture of alcohol and water	1.1	A	0135	PMC	IIC
MINES, with bursting charge	1.1	D	0137	ODS	I
MINES, with bursting charge	1.1	F	0136	ODS	I
MINES, with bursting charge	1.2	D	0138	ODS	I
MINES, with bursting charge	1.2	F	0294	ODS	I
5-NITROBENZOTRIAZOL	1.1	D	0385	COTL	IIB
NITROCELLULOSE* WITH less than 18% PLASTICIZING SUBSTANCE, by weight	1.1	D	0341	COTL	IIB

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NITROCELLULOSE* WITH less than 25% WATER (or ALCOHOL), by weight	1.1	D	0340	COTL	IIB
NITROCELLULOSE* WITH not less than 25% ALCOHOL by weight	1.3	C	0342	COTL	IIB
NITROCELLULOSE* WITH not less than 18% PLASTICIZING SUBSTANCE by weight	1.3	C	0343	COTL	IIB
NITROGLYCERIN, DESENSITIZED with at least 40%, by weight, non-volatile, water-insoluble phlegmatiser*	1.1	D	0143	COTL	IIA
NITROGLYCERIN, SPIRIT OF, containing more than 1% but not more than 10% nitroglycerin in solution in alcohol	1.1	D	0144	COTL	IIB
NITROGUANIDINE (PICRITE), dry or containing, by weight, less than 20% water	1.1	D	0282	COTL	IIB
NITROSTARCH, dry or containing, by weight, less than 20% water	1.1	D	0146	COTL	IIB
NITRO UREA	1.1	D	0147	COTL	IIB
OCTOLITE* (Octol), dry or containing, by weight, less than 15% water	1.1	D	0266	COTL	IIB
PENTAERYTHRITE TETRANITRATE (PENTAERYTHRITOL TETRANITRATE or PETN) containing, by weight, at least 25% water or at least 15% phlegmatiser*	1.1	D	0150	COTL	IIB
PENTOLITE*, dry or containing, by weight, less than 15% water	1.1	D	0151	COTL	IIB
PHOTO-FLASH POWDER in units	1.1	G	0094	WCOTL-NOSTO	III
PHOTO-FLASH POWDER in units	1.2	G	0096	WCOTL-NOSTO	III
PHOTO-FLASH POWDER in units	1.3	G	0395	WCOTL-NOSTO	III
POTASSIUM SALTS OF NITRO-AROMATIC DERIVATIVES, explosive (1)	1.3	C	0158	COTL	IIB
POWDER CAKE (POWDER PASTE) containing, by weight, at least 35% water	1.3	C	0159	COTL	IIB
POWDER, SMOKELESS*	1.1	C	0160	COTL	IIB
POWDER, SMOKELESS*	1.3	C	0161	COTL	IIB
PRIMERS*, CAP TYPE	1.1	B	0377	COTL	IIC
PRIMERS*, CAP TYPE	1.4	B	0378	COTL	I
PRIMERS*, CAP TYPE	1.4	S	0044	COTL	I
PRIMERS*, TUBULAR	1.3	G	0319	COTL	I
PRIMERS*, TUBULAR	1.4	G	0320	COTL	I
PRIMERS*, TUBULAR	1.4	S	0376	COTL	I
PROJECTILES*, with burster or expelling charge	1.2	D	0346	COTL	I
PROJECTILES*, with burster or expelling charge	1.4	D	0347	CTOL	I

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PROJECTILES*, with bursting charge	1.1	D	0168	COTL	I
PROJECTILES*, with bursting charge	1.1	F	0167	COTL	I
PROJECTILES*, with bursting charge	1.2	D	0169	COTL	I
PROJECTILES*, with bursting charge	1.2	F	0324	COTL	I
PROJECTILES* with bursting charge	1·4	D	0344	COTL	I
PROJECTILES*, inert with tracer*	1.4	S	0345	COTL	I
RELEASE DEVICES, EXPLOSIVE*	1.4	S	0173	COTL	I
RIVETS, EXPLOSIVE*	1.4	S	0174	COTL	I
ROCKETS*, with bursting charge	1.1	E	0181	COTL	I
ROCKETS*, with bursting charge	1.1	F	0180	COTL	I
ROCKETS*, with bursting charge	1.2	E	0182	COTL	I
ROCKETS*, with bursting charge	1.2	F	0295	COTL	I
ROCKETS*, with inert head	1.3	C	0183	COTL	I
ROCKETS, LINE THROWING	1.2	G	0238	WCOTL-NOSTO	III
ROCKETS, LINE THROWING	1.3	G	0240	WCOTL-NOSTO	III
ROCKET MOTORS*	1.1	C	0280	COTL	I
ROCKET MOTORS*	1.2	C	0281	COTL	I
ROCKET MOTORS*	1.3	C	0186	COTL	I
ROCKET MOTORS*, containing hypergolic liquids with or without an expelling charge	1.2	L	0322	Containers or sheeted stacks	I but segregated
ROCKET MOTORS*, containing hypergolic liquids with or without an expelling charge	1.3	L	0250	Containers or sheeted stacks	I but segregated
SAMPLES, EXPLOSIVE SUBSTANCE, other than primary explosive substance	as appropriate	as appropriate	0190	COTL	ASCNA
SIGNAL DEVICES, HAND*	1.4	G	0191	WCOTL-NOSTO	III
SIGNAL DEVICES, HAND*	1.4	S	0373	COTL	I
SIGNALS, ship DISTRESS, (other than water-activated contrivances)	1.1	G	0194	WCOTL-NOSTO	III
SIGNALS, ship DISTRESS, (other than water-activated contrivances)	1.3	G	0195	WCOTL-NOSTO	III
SIGNALS, RAILWAY TRACK, EXPLOSIVE*	1.1	G	0192	WCOTL-NOSTO	III
SIGNALS, RAILWAY TRACK, EXPLOSIVE*	1.4	S	0193	COTL	I
SIGNALS, SMOKE, with explosive sound unit	1.1	G	0196	WCOTL-NOSTO	III
SIGNALS, SMOKE, with explosive sound unit	1.2	G	0313	WCOTL-NOSTO	III
SIGNALS, SMOKE, without explosive sound unit	1.4	G	0197	WCOTL-NOSTO	III
SODIUM DINITRO-ORTHO-CRESOLATE, dry or containing, by weight, less than 15% water	1.3	C	0234	COTL	IIB
SODIUM PICRAMATE, dry or containing, by weight, less than 20% water	1.3	C	0235	COTL	IIB

(1) The correct technical name of the particular metal salt should be specified.

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number	Stowage on Deck	Stowage under Deck
	Class/ Division	Compatibility Group			
SODIUM SALTS OF NITRO-AROMATIC DERIVATIVES, explosive (1)	1.3	C	0203	COTL	IIB
SOUNDING DEVICES, EXPLOSIVE	1.1	E	0374	COTL	I
SOUNDING DEVICES, EXPLOSIVE	1.1	F	0296	COTL	I
SOUNDING DEVICES, EXPLOSIVE	1.2	E	0375	COTL	I
SOUNDING DEVICES, EXPLOSIVE	1.2	F	0204	COTL	I
SQUIBS*, including electric squibs and safety squibs	1.4	S	0206	COTL	I
SUBSTANCES, EXPLOSIVE, n.o.s.	1.1	L	0357	ASCNA	ASCNA
SUBSTANCES, EXPLOSIVE, n.o.s.	1.2	L	0358	ASCNA	ASCNA
SUBSTANCES, EXPLOSIVE, n.o.s.	1.3	L	0359	ASCNA	ASCNA
TETRANITROANILINE	1.1	D	0207	COTL	IIB
TORPEDOES, with bursting charge	1.1	E	0329	COTL	I
TORPEDOES, with bursting charge	1.1	F	0330	COTL	I
TRACERS FOR AMMUNITION*	1.3	G	0212	WCOTL	III
TRACERS FOR AMMUNITION*	1.4	G	0306	WCOTL	III
TRINITRO-ANILINE (PICRAMIDE)	1.1	D	0153	COTL	IIB
TRINITRO-ANISOLE	1.1	D	0213	COTL	IIB
TRINITROBENZENE, dry or containing, by weight, less than 35% water	1.1	D	0214	COTL	IIB
TRINITROBENZENESULFONIC ACID	1.1	L	0386	ASCNA	ASCNA
TRINITROBENZOIC ACID, dry or containing, by weight, less than 30% water	1.1	D	0215	COTL	IIB
TRINITROCHLOROBENZENE (PICRYL CHLORIDE)	1.1	D	0155	COTL	IIB
TRINITROFLUORENONE	1.1	D	0387	COTL	IIB
TRINITROMETACRESOL	1.1	D	0216	COTL	11B lead free
TRINITRONAPHTHALENE	1.1	D	0217	COTL	IIB
TRINITROPHENETOLE	1.1	D	0218	COTL	IIB
TRINITROPHENOL (PICRIC ACID), dry or containing, by weight, less than 30% water	1.1	D	0154	COTL	IIB lead free
TRINITROPHENYLMETHYLNITRAMINE (TETRYL)	1.1	D	0208	COTL	IIB if dust-tight IIA otherwise
TRINITRORESORCINOL (STYPHNIC ACID), dry or containing, by weight, less than 20% water	1.1	D	0219	COTL	IIB lead free
TRINITRORESORCINOL (STYPHNIC ACID) containing, by weight, not less than 20 per cent water (or mixture of alcohol and water)	1.1	D	0394	COTL	IIB lead free
TRINITROTOLUENE (TNT), dry or containing, by weight, less than 30% water	1.1	D	0209	COTL	IIB

(1) The correct technical name of the particular metal salt should be specified.

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number	Stowage on Deck	Stowage under Deck
	Class/ Division	Compatibility Group			
TRINITROTOLUENE (TNT) mixed WITH TRINITROBENZENE or WITH HEXANITROSTILBENE	1.1	D	0388	COTL	IIB
TRINITROTOLUENE (TNT) mixed WITH TRINITROBENZENE and HEXANITROSTILBENE	1.1	D	0389	COTL	IIB
TRITONAL (TNT mixed with aluminium	1.1	D	0390	COTL	IIB
UREA NITRATE, dry or containing, by weight, less than 20% water	1.1	D	0220	COTL	IIB
WARHEADS, ROCKET, with burster* or expelling charge	1.4	D	0370	COTL	I
WARHEADS, ROCKET, with burster* or expelling charge	1.4	F	0371	COTL	I
WARHEADS, ROCKET, with bursting charge	1.1	D	0286	COTL	I
WARHEADS, ROCKET, with bursting charge	1.1	F	0369	COTL	I
WARHEADS, ROCKET, with bursting charge	1.2	D	0287	COTL	I
WARHEADS, TORPEDO, with bursting charge	1.1	D	0221	COTL	I
ZIRCONIUM PICRAMATE, dry or containing, by weight, less than 20% water	1.1	C	0236	COTL	IIB

Regulation 12

SCHEDULE 3

EXCEPTED COMMERCIAL EXPLOSIVES

Bloodhound Mk. 2 Ramjet Igniters
Pyrotechnic Delay Unit
5″ A/C Reconnaissance Flare
Flares GMK 10A2
Flares GMK 15A1
Cartridge Type 400 No. 1 Mk I.
Flares Target (Visual) No. 2 Mk. 2
Flares Target (Visual) No. 3 Mk 2
Flares Target (Visual) No. 2 Mk. 3
Flares Target (Visual) No. 3 Mk. 3
Non Toxic Smoke Generator
Cartridges Ejector Release Unit No. 200 Mk I
4″ A/C Reconnaissance Flare No. 2 Mk. I
Recce Flares 4″ No. 1 Mk. 2
Cartridges Illuminating 1¾″ No. 1 Mk. 2
CS Pellets for Respirator Testing
CS Grenade L1A2 and Cartridge L2A2
Canister Pressurised Irritant Hand Held (CS) L1A1
Grenade Hand No. 83 Coloured Smoke
Float Smoke and Flame 3½lb. No. 1 Mk. 3
Cartridges Signal 1½″ Yellow and Green Mk. 7
1″ Red L5A1, Green L4A1, Illuminating L3A1
Grenade, Hand, Anti-Riot Irritant L1A2
Cartridge 1½″ Anit-Riot Irritant L2A2
1½″Aluminium Anti-Riot Cartridge CS
Hand Generator CS Mk. 2
Signal Distress Day and Night No. 1 Mk. 1
(Licence for an associate Company to manufacture in USA)
Grenade Discharger Anti-Riot Irritant L6A1
Round Anti-Riot 1·5″ Baton XL 2E2
Round Anti-Riot Baton 1½″ L1A1
Cartridge Signal, Red 1″ Mk. 13T
Cartridge Signal, Green 1″ Mk. 12T
Cartridge Signal, Illuminating 1″ J Mk. 1T
Cartridge Signal, 1½″ Red Mk. 7T
Cartridge Signal, 1½″ Green Mk. 7T

EXPLANATORY NOTE

(This Note is not part of the Regulations.)

These Regulations supersede the Conveyance in Harbours of Military Explosives Regulations 1969, as amended by the Conveyance in Harbours of Military Explosives (Amendment) Regulations 1972 and 1974. They lay down the rules to be observed when Government explosives or explosives of visiting forces or international headquarters or defence organisations (together referred to as "military explosives", and defined by Regulation 2) are being conveyed in a harbour area.

The Regulations classify military explosives into a classification code as shown in the Schedules (Regulation 4), provide for the harbour master to be notified before any conveyance takes place (Regulation 5), define the general responsibility of the harbour master for securing the safety of the harbour area Regulation 6), require the explosives to be identified by specified marking (Regulation 7), provide for the conditions under which loading and unloading may be carried out (Regulation 10), place limits on the quantities of the explosives which may be in a vessel, except at an approved place (Regulation 12), and provide for other safety precautions to be observed during loading and unloading and while the explosives are in a harbour area (Regulations 8, 9, 11 and 13-20).

The principal changes in the new Regulations are as follows:—

(*a*) Changes have been made in the method of classification of explosives in the Schedules;

(*b*) There are changes in the provisions about warning flags and lights (Regulation 9).

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