

## APPENDIX B

### GLOSSARY OF TERMS

**Warning:** Explanations in this glossary are for information only and may not be Used for risk classification purposes.

#### ***ACCESSORIES***

Articles containing one or more explosive substances, used to Start the explosion of an explosive chain. Chemical, electrical or mechanical Mechanically. The term excludes the following articles, which are listed separately: CORDEL, ACENDEDOR; STOPPING, IGNITION; STOPPY, NON-DETONANT; COTTON, IGNITION; ACENDEDOR, ESTOPIM; INITIATORS, CAPSULE TYPE; INITIATORS, TUBULARS.

#### ***ACCOMMODATION, ESTOPIM***

Assorted projects, driven by friction, percussion or electricity, Used to light safety fuses.

#### ***ARTICLES, EXPLOSIVE, EXTREMELY INSENSIBLE (ARTICLES, ERA)***

Articles that contain only extremely detonating substances Insensitive; Present negligible probability of accidental initiation or propagation (Under normal conditions of transport); And have been approved in Test Series 7.

***ARTICLES, PYROPHORICS***

Articles containing a pyrophoric substance (capable of spontaneous ignition in contact with air) and an explosive substance or component. The term does not include articles containing white *phosphorus*.

***ARTICLES, PYROTECHNICAL for technical purposes***

Articles which contain pyrotechnic substances and are used for such as heat generation, gas generation, theatrical effects, etc. The expression excludes the following articles, which are listed separately: all ammunition; CARTRIDGES, SIGNALING; CUTTING, EXPLOSIVES; FIREWORKS;

795

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**Page 2**

SIGNAL FACES, AIRCRAFT; SIGNAL FACES, SURFACE;  
RELIEF DEVICES, EXPLOSIVES; REBITES, EXPLOSIVES; SIGNALS,  
MANUALS; SIGNALS, EMERGENCY; SIGNALING, RAILWAYS,  
EXPLOSIVES; SIGNALS, SMOKE.

***Pumps***

Flammable liquid with bursting charge, photo-illuminating composition or bursting charge. O  
Includes torpedoes (aerial) and includes:

- PUMPS, illuminating PHOTO;
- PUMPS with breaking load;
- BOMBS WITH FLAMMABLE LIQUID with breaking load.

***CANNONS FOR JET-DRILLING in oil wells, LOADED, without detonator***

Articles consisting of a steel tube or sheet metal where

Inserted molded loads, connected by detonating cord, without initiation means.

***LOADS, DEMOLITION***

Articles that contain a charge of explosive detonating in a Cardboard, plastic, metal or other material. The expression excludes the following articles, which are Listed separately: pumps, mines, etc.

***LOADS, DEPTH***

Articles consisting of a charge of explosive detonating contained in Drum or projectile, designed to detonate under water.

***Loads, break***

Articles that consist of a detonating explosive charge, such as hexolite, Octolite or explosive with plastic binder, designed to produce explosive effect Or fragmentation.

796

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**Page 3**

***Loads, ejectors***

Explosive explosive loads designed to eject Source articles without causing damage.

***LOADS, EXPLOSIVE, COMMERCIAL without detonator***

Articles consisting of a detonating explosive charge, without means of Welding, seam making, modeling and other processes Metallurgical industries.

***LOADS, FRAMED, without detonator***

Articles consisting of a case of detonating explosive charge, with a cavity coated with rigid material, without initiation means. They are designed to produce a powerful jet-drilling effect.

***LOADS, FRAMES, FLEXIBLE, LINEARS***

Articles consisting of a detonating explosive core in the form of V, coated with a flexible metal sheath.

***LOADS, PROPELLERS***

Articles consisting of a propelling charge in any physical form, with or without a case, for use as a component of rocket engines, or to reduce resistance to projectile advancement.

***LOADS, PROPELLERS, FOR CANNON***

Articles consisting of a propelling charge in any physical form, with or without case, for use in cannons.

***LOADS, SUPPLEMENTARY, EXPLOSIVE***

Articles consisting of a small removable reinforcer, used in the cavity of a projectile between the fence and the breaking load.

***Cartridges, feasts***

Articles consisting of a cartridge case, with a fire initiator central or annular and a confined black powder or no-smoke charge, but without projectile. Used for training, greeting or pistol to start matches, etc.

***CARTRIDGES, ILLUMINATING***

Articles which consist of an enveloping, initiating and illuminating gunpowder, Assembled in one piece, ready for firing.

***Cartridges for weapons***

1) Partially or fully assembled ammunition, designed for

Weapons. Each cartridge contains all the components necessary to

Make the gun work once. The name and description apply to

Cartridges that can not be described as

"Cartridges, handguns." Separate loading ammunition

Is included in this name and description when the propellant

Are packed together. (See also "Cartridges,

feast".)

2) incendiary, toxic, and tear gas cartridges are

Described in this Glossary under the name: AMMUNITION, INCENDIARY, etc.

***CARTRIDGES, PORTABLE WEAPONS***

An ammunition consisting of a case provided with a central fire initiator or a Propellant charge and solid projectile. They are designed for firing

Caliper up to 19.1 mm. Cartridges of hunting rifles of any caliber are included

In this description. The name excludes CARTRIDGES, PORTABLE ARMS, FESTIM, related

Separately on the List of Hazardous Products, and some light weapons cartridges

Covered by CARTUCHOS PARA ARMAS, PROJÉTEIS INERTES.

***CARTRIDGES FOR WEAPONS, INTEGRATED PROJETS***

Ammunition consisting of a projectile with no bursting charge, but with a load propellant. The presence of plotter may be ignored for classification purposes, provided that

The predominant risk is that of the propellant charge.

***CARTRIDGES, MECHANICAL DEVICE***

Articles designed to obtain mechanical actions. They consist of

Carrying case of explosive explosive and means of ignition. The gaseous products of Deflagration produce expansion, linear or rotary motion, or activate diaphragms, Valves or switches, or trigger fixtures or extinguishing agents.

798

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**Page 6*****CARTRIDGES, PETROLEUM WELLS***

Articles made of thin wrapping of cardboard, metal or other material, Containing only propellant, which release a hardened projectile. The name excludes LOADS, MOLDED, described separately.

***CARTRIDGES, SIGNALING***

Articles designed to fire colored beads or other signs, by means of Signaling guns, etc.

***ILLUMINATING COMPOSITION***

A pyrotechnic substance that, when ignited, produces intense light.

***CORDEL, ACENDEDOR***

Article consisting of textile yarn covered by black powder or other Pyrotechnic composition and a flexible protective coating, or Consists of a black powder core surrounded by flexible braided fabric. He burns Progressively, along its length, with external flame, and is used to Transmitting the ignition of a device to a load or a starter.

***CORDEL, DETONANTE, flexible***

Article consisting of a detonating explosive core wrapped by tissue Braided, with a plastic coating or other type of cover, unless the braided fabric Is dustproof.

***CORDEL, detonating, metal*** framed

Article consisting of a detonating, tube-coated explosive core Flexible metal, with or without protective cover. When the core contains Explosive, the expression "SOFT EFFECT" is added.

***CUTTERS, EXPLOSIVES***

Articles consisting of a cutting device which is driven by Small charge of explosive explosive.

***Detonators***

Articles consisting of a small metal or plastic tube with Explosives such as lead azide, PETN or combinations of explosives. Are designed

799

To start a detonation chain. Can be prepared to detonate Instantaneously or contain a delay element. The term includes:

- DETONATORS FOR AMMUNITION; and
- DETONATORS for demolition, ELECTRIC and NON-ELECTRIC.

Included are detonating relays without flexible detonating cord.

***ASSEMBLED, NON-ELECTRIC JOINT DETONATORS for demolition***

Non-electric detonators mounted with a component that drives them, such as Such as a safety fuse, detonating cord, impact tube or spark plug. They can Be of the instantaneous type or incorporate elements of delay. Included are detonating relays Which incorporate detonating cord. Other detonating relays are included in "Detonators, not electric."

***DEVICES, WATER-RELATED DEVICES with breaker, ejector or load propellant***

Articles whose functioning depends on the physico-chemical reaction of their Water.

***RELIEF DEVICES, EXPLOSIVES***

Articles consisting of a small charge of explosive with means of initiation. Sections rods or links to relieve equipment quickly.

***EXPLOSIVES, SURVEYING DEVICES***

Articles that consist of a charge of explosive detonating. Launched Sea, of a ship, operate upon reaching a predetermined depth or the bottom of the sea.

***EXPLOSIVE DEVICES FOR FRACTURING OF detonator***

Articles consisting of a charge of explosive detonating contained in a Without initiation means. They are used to fracture the rock around the drill shaft, To aid the flow of crude oil through the rock.

***STABILIZED (A)***

800

Stabilized (a) means that the substance is in a Uncontrolled reaction. This may be obtained by methods such as addition of an inhibitor Degasifying the substance to remove dissolved oxygen and rendering it inert. Space in the volume, or keeping the substance under temperature control.

***COVERS, FUELS, BLINDS, WITHOUT INITIATOR***

Articles consisting of cartridges made entirely or partially,



Of nitrocellulose.

***CARTOONS, CARTRIDGES, EMPTY, WITH INITIATOR***

Articles consisting of cartridge cases made of metal, plastic or  
Another non-flammable material, the only explosive component of which is the initiator.

***Fuses (Fuses)***

Articles designed to start detonation or deflagration in ammunition.  
They incorporate mechanical, electrical, chemical or hydrostatic components and, in general,  
Protection devices. The term includes:

- ESTOPILHAS, DETONAÇÃO;
- ESTOPILHAS, DETONAÇÃO with protection device;
- CUTTING, IGNITION.

***ESTOPIM, SINENDO, tubular, with metallic coating***

Article consisting of a metal tube with explosive core  
Deflator

***STOPPY, SECURITY***

Article which consists of a black granulated black powder core,  
Wrapped by flexible fabric with one or more outer protective covers. When  
Ignited, burns at a preset speed, without any external explosive effect.

***STOPPY, FAST, NON-DETONANT***

Article consisting of cotton yarn impregnated with black powder,  
Finely pulverized. Burning with external flame and is used in the ignition of  
Fireworks, etc.

***Explode***

Verb used to indicate explosive effects due to bursts, heat and projection of Missiles capable of endangering lives or property. It encompasses both deflagration and detonation. How much detonation.

***Bulk explosion***

Explosion that affects almost all of the cargo, practically instantaneous.

***Explosion of all content***

This expression is used in the test of a single article or volume, or a small stack of articles or volumes.

**EXPLOSIVES, CHAIN COMPONENTS, NE**

Articles containing an explosive, designed to impart detonation or deflagration in an explosive chain.

***Auxiliary explosive component, isolated***

An "isolated auxiliary explosive component" is a small device that explosively performs an operation related to the function of the object, other than those the main explosive charges perform. The operation of the explosive component does not cause any reaction of the main explosive charge contained in the object.

***Explosives for demolition***

Explosive detonating substances used in mining, construction and demolition activities. They are allocated to one of five types. Beyond the components, demolition explosives may contain also inert materials such as *kieselguhr*, and minor ingredients such as coloring agents and stabilizers.

***EXPLOSIVE, DEMOLITION, TYPE A***

Substances composed of liquid organic nitrates, such as nitroglycerin,  
Or a mixture of these substances with one or more of the following: nitrocellulose,  
Ammonium nitrate or other inorganic nitrates, aromatic nitroderivatives or materials

802

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**Page 9**

Fuels (such as sawdust and powdered aluminum). They may be in the form of powder, elastic or Gelatinous.

The name includes dynamite, explosive gelatin and gelatinous dynamite.

***EXPLOSIVES, DEMOLITION, TYPE B***

Substances composed of:

(A) mixing of ammonium nitrate or other inorganic nitrates with a  
Explosive, such as trinitrotoluene, with or without other substances such as sawdust and aluminum  
in powder; or

(B) mixing of ammonium nitrate or other inorganic nitrates with other  
Substances other than explosive ingredients. These  
Nitroglycerin, similar liquid organic nitrates or chlorates.

***EXPLOSIVES, DEMOLITION, TYPE C***

Substances composed of a mixture of potassium or sodium chlorate  
Or of potassium, sodium or ammonium perchlorate with organic nitroderivatives or materials  
Such as sawdust, aluminum powder or a hydrocarbon. These  
Nitroglycerin or similar liquid organic nitrates.

***EXPLOSIVES, DEMOLITION, TYPE D***

Substances composed of a mixture of organic nitro compounds

With combustible materials such as hydrocarbons and aluminum powder. These Nitroglycerin, similar liquid organic nitrates, chlorates or ammonium. Plastic explosives are usually included in this designation.

### ***EXPLOSIVES, DEMOLITION, TYPE E***

Substances composed of water as essential ingredient and high Proportions of ammonium nitrate or other oxidants, all or some of which solution. The other constituents may include nitroderivatives such as trinitrotoluene, Hydrocarbons or aluminum powder.

The designation includes explosive emulsions, *watergel* and explosive sludge.

803

#### ***Explosive, deflagrating***

A substance - propellant, for example - which, when ignited and Used in the normal way, reacts by deflagration, not by detonation.

#### ***Explosive, detonating***

A substance that reacts by detonation rather than by deflagration, when Started and used in the normal way.

#### ***Explosive, primary***

Explosive substance manufactured to produce practical effect Explosive, being very sensitive to heat, impact or friction and that, even in Very small, detonate or burn very quickly. It is capable of transmitting detonation Case of explosive initiator) or explosion to nearby secondary explosives. The Primary primary explosives are mercury fulminate, lead azide and styphnate

Of lead.

***Explosive, secondary***

Explosive substance relatively insensitive (compared to Primary explosives) usually initiated by primary explosives, with or without the aid of Reinforcers or additional loads. It may react as a blast explosive or as a Explosive detonating.

***EXPLOSIVE, EXTREMELY INSENSITIVE SUBSTANCE (SEI)***

Substance which has demonstrated by means of tests to be so insensitive That the probability of accidental initiation is very small.

***Signal blocks***

Articles containing pyrotechnic substances, designed to illuminate, Identify, signal or warn. The expression includes:

- SIGNAL FACES, AIRCRAFT;
- SIGNALING FACES, SURFACE.

804

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**Page 11**

***FIREWORKS***

Pyrotechnic articles designed for entertainment.

***ROCKETS***

Articles consisting of a rocket motor and a load, which may be An explosive warhead or other device. The name includes guided missiles and:

- RUNNING BURGLARS;

- ROLLERS with ejector load;
- FLUSHINGS, LIQUID FUEL with bursting load;
- FROGS with inert warhead;
- ROLLERS, LINE LAUNCH (cable launcher).

### ***OXYGEN, CHEMICAL GENERATORS***

Devices containing chemical substances which, when activated, Release oxygen as a chemical reaction product. Chemical oxygen generators Are used to generate oxygen for respiratory support, for example in Aircraft, submarines, spaceships, air raid shelters and respirators. Oxidizing salts, Such as lithium, sodium and potassium chlorates and perchlorates, which are used in generators Oxygen chemicals, give off oxygen when heated. These salts are mixed (Compounds) with a fuel, generally iron powder, to form a chlorate candle, Which produces oxygen by continuous reaction. The fuel is used to generate heat for oxidation. Once the reaction has started, the oxygen is released from the hot salt by Thermal decomposition (a heat shield is placed around the generator). A part Of the oxygen reacts with the fuel to produce more heat, which produces more oxygen and so on. The reaction can be initiated by a percussion or friction device Or by an electric wire.

### ***GRENADES, manual or rifle***

Articles designed to be thrown manually or to be Designed by a rifle. The term includes:

- GRENADES, manual or rifles, with bursting loads;
- GRENADES, EXERCISE, manuals or rifles.

The name excludes smoke grenades, included in AMMUNITION, FUMIGEN.

**INFLATORS FOR AIR PURSUIT, PYROTECHNICS OR MODULES FOR BAG OF  
AIR, PYROTECHNIC or PRETENSORS FOR SAFETY BELT,  
PYROTECHNICS**

Articles containing pyrotechnic substances used as safety belts or  
Air bags in vehicles.

***INITIATORS, CAPSULE TYPE (Starter Fuses)***

Articles consisting of a metal or plastic capsule. Contains  
Small amount of primary explosive mixture which is readily  
impact. Serves as ignition element in cartridges of handguns and initiators  
Percussion of propellant charges.

***INITIATORS, TUBULARS***

Articles consisting of an initiator for ignition and an auxiliary load of  
Explosive, such as black powder, used to ignite the  
A cannon cartridge case, etc.

***Means of ignition***

Generic expression used in connection with the method used to  
Igniting an explosive chain of explosive or pyrotechnic substances (for example,  
A propellant charge primer, a rocket motor lighter, or a  
ignition).

***Means of initiation***

(1) A device intended to cause the detonation of an explosive (eg  
Example, detonator, ammunition detonator, detonation fuse).

2) The expression "with its own means of initiation" means that the  
Device is mounted on the device and that  
Significant risk during transport, but not so great a risk as to be  
unacceptable. The expression, however, does not apply to artifacts packaged together with

Their means of initiation, provided that the device is packed in such a way as to avoid the risk of Detonation of the artifact, in the event of accidental operation of the initiation. The initiation means may even be mounted on the artefact, provided there is

806

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**Page 13**

Protective devices that make the artifact detonation very unlikely due to causes Associated with transport.

3) For purposes of classification:

- Any means of initiation, without two protective devices  
Should be considered in Compatibility Group B;
- Articles with their own means of initiation, without two  
Should be from Compatibility Group F;
- If they have two effective protection devices, they must be  
Compatibility Group D or E.

In order to consider that certain means of initiation has two devices  
Have been approved by the competent authority.

A simple and effective way to obtain the required level of protection is to  
Using initiation means incorporating two or more  
Protection.

***MINES***

Articles normally consisting of containers of metal or of material  
And a bursting load. They are designed to be  
Ships, vehicles or people. The name includes "Bangalore Torpedoes".



***ROTOR MOTORS***

Articles consisting of a solid, liquid or hypergolic fuel,  
Placed in a cylinder equipped with one or more nozzles. They are designed to  
Propulsion of rockets or guided missiles. The expression includes:

- ROCK MOTORS;
- ROTOR ENGINES, LIQUID FUEL;
- RUBBER MOTORS WITH HYPERPROOFIC LIQUIDS with or  
Without ejector load.

807

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**Page 14*****Ammunition***

Generic term relating mainly to articles of military application,  
Including all types of bombs, grenades, rockets, mines, projectiles and other  
And similar articles and parts thereof.

***AMMUNITION, FUMIGEN***

Ammunition containing a smoke-producing substance as a mixture of  
Chlorosulfonic acid, titanium tetrachloride or white phosphorus; Or pyrotechnic composition  
Producing smoke based on hexachloroethane or red phosphorus. Unless the substance  
Is itself an explosive, the ammunition further includes one or more of the following  
Components: propellant charge with initiator and ignition charge; Fuse with breaker or  
Ejector load. The name excludes SIGNALS, SMOKE, listed separately, but  
Includes smoke grenades and:

- AMMUNITION, SMOKE with or without breaker, ejector load or load

- propellant;  
 - AMMUNITION, FUMIGENOUS, WHITE PHOSPHORUS BASE with breaker,  
 Ejector load or propellant charge.

***AMMUNITION, LIGHTING with or without breaker, ejector load or propelling charge***

Ammunition designed to produce a single source of intense light for Lighting an area. The name includes projectiles, grenades and illuminating cartridges and Lighting pumps and target identification, but excludes the following articles, which Of other descriptions: CARTRIDGES, SIGNALING; SIGNALS, MANUALS; SIGNALS, EMERGENCY; SIGNAL FACES, AIRCRAFT; And FACHOS DE SIGNALING, SURFACE.

***AMMUNITION, INCENDIARY***

Ammunition containing an incendiary substance, which may be solid, liquid or Gel, including white phosphorus. Unless the composition itself is an explosive, the Ammunition includes one or more of the following components: propellant charge with initiator and Ignition charge; Fuse with breaker or ejector load. The name includes:

- AMMUNITION, INCENDIARY, liquid or gel, with breaker, ejector load or  
 Propellant load;

808

- AMMUNITION, INCENDIARY with or without breaker, ejector load or load  
 propellant;  
 - AMMUNITION, INCENDIARY, BASED ON WHITE PHOSPHORUS  
 Breaker, ejector load or propellant charge.

***AMMUNITION, LACRIMOGENEA with breaker, ejector charge or propellant charge***

Ammunition containing tear gas. It also contains one or more of the following: pyrotechnic substance; Charge with initiator and charge of ignition; Fuse with breaker or ejector load.

***AMMUNITION, EXERCISE***

Ammunition with a main rupture load but containing a breaker or load Ejector. It usually also includes fuse and propellant charge. The name excludes the GRANADES, EXERCISE, LISTED SEPARATELY.

***AMMUNITION, PROOF***

Ammunition containing pyrotechnic substances, used to test the Performance of new ammunition, weapon components or Mounted.

***AMMUNITION, TOXIC with breaker, ejector load or propellant charge***

Ammunition containing toxic agent. It also contains one or more of the Following: pyrotechnic substance; Charge with initiator and charge of ignition; Fuse with breaker or ejector load.

***Warheads***

Articles containing explosive detonators. They are designed to be Adapted to rockets, guided missiles or torpedoes. May contain a breaker, or load Ejector, or burst load. The term includes:

- OGIVAS, ROCKER with bursting load;
- OGIVAS, ROCKER with breaker or ejector load;
- OGIVAS, TORPEDO with bursting load.

***PULVICE IN PASTE, UMEDECIDA***

Substance composed of nitrocellulose impregnated with up to 60% of Nitroglycerin or other liquid organic nitrates or mixtures thereof.

***BLACK POLLVORA***

A substance consisting of an intimate mixture of charcoal (or Other carbon) and potassium nitrate or sodium nitrate, with or without sulfur. Can be in Powder, granulated, compressed or pastilles.

***PULLEY, SMOKE FREE***

Substance based on nitrocellulose, used as a propellant. The name includes Single-base propellants (nitrocellulose only), double base propellants (such as Nitrocellulose and nitroglycerin) and triple base propellants (such as nitrocellulose, nitroglycerin And nitroguanidine). Loads of non-smokable, cast, pressed or bagged powders Include: LOADS, PROPELLERS or LOADS, CANNON PROPELLANTS.

***PROJECTS***

Articles such as a capsule or bullet, which are designed from a cannon or Another piece of artillery, a rifle or another handgun. They may be inert with or Without tracer, or may contain rupturing or ejecting charge or bursting charge. The name includes:

- PROJECTILE, inert, with tracer;
- PROJECTS with breaker or ejector load;
- PROJECTS with bursting load.

***PROPELLERS***

Explosive blowers used for propulsion or to reduce Resistance to projectile advancement.

***PROPELLERS, LIQUIDS***

Substances consisting of a liquid explosive explosive used For propulsion.

***PROPELLERS, SOLIDS***

Substances consisting of a solid explosive For propulsion.

***REINFORCERS***

Articles consisting of a detonating explosive charge, with or without Means of initiation. They are used to increase the power of initiation of detonators or Detonating cords.

810

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**Page 17*****RUPTORS, explosives***

Articles consisting of small charge of explosive, used to break Projectiles or other ammunition in order to disperse its contents.

***SIGNALING***

Articles containing pyrotechnic substances, designed to produce signs By sound, flame or smoke, or any combination of these effects. The name Includes:

- SIGNALING, EMERGENCY, VESSELS;
- SIGNALS, SMOKE;
- SIGNALS, EXPLOSIVES, RAILWAYS;
- SIGNALS, MANUALS.

***SUBSTANCES, EXPLOSIVE, VERY UNSENSIBLE (SUBSTANCES, EMI), NE***

Substances which present a risk of mass explosion but are so Insensitive that the probability of initiation, or transition from burning to detonation (Under normal conditions of carriage), is very small and has been approved in the Test Series 5.

***All cargo and all content***

The terms "full load" and "all content" mean a That in practice the risk should be assessed in the light of the explosion

Explosive content of the load or volume.

### ***TORPEDOS***

Articles containing propellant systems, whether or not explosive, designed to be propelled into the water. They may contain a warhead, inert or not. The name includes:

- TORPEDOS with bursting load;
- TORPEDOS, WITH LIQUID FUEL with inert warhead;
- TORPEDOS, WITH LIQUID FUEL with or without  
break.

811

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**Page 18**

### ***AMMUNITION DRILLS***

Encapsulated articles containing pyrotechnic substances, designed to reveal the trajectory of a projectile.

812