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ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on the Transport of Dangerous Goods

Joint Meeting of Experts on the Regulations annexed to the
European Agreement concerning the International Carriage
of Dangerous Goods by Inland Waterways (ADN)
(ADN Safety Committee)

Fifteenth session
Geneva, 24-28 August 2009
Item 5 of the provisional agenda

CATALOGUE OF QUESTIONS

Transport by dry cargo vessels, objective 6

Transmitted by the Central Commission for the Navigation of the Rhine (CCNR)¹

1. At its fourteenth session, the ADN Safety Committee, recalling that, under 8.2.2.7.2.3 of the Regulations annexed to ADN, the ADN Administrative Committee was required to prepare a catalogue of questions for the ADN examinations, decided that the item should be put on the agenda for future sessions, in order to enable lists of questions to be translated and adopted progressively (ECE/TRANS/WP.15/AC.2/30, paras. 38 and 40).
2. This document contains the lists of questions proposed by CCNR in respect of dry cargo vessels and the following objective:
 - Examination objective 6: Loading, unloading and transport.

¹ Distributed in German by the Central Commission for the Navigation of the Rhine under the symbol CCNR/ZKR/ADN/WP.15/AC.2/2009/15.

TRANSPORT BY DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6001 5.2.2.2.2 D



(yellow/white/black)

What does the above label mean?

- A The dangerous goods in question are flammable (liquid substances)
- B The dangerous goods in question are flammable (solid substances)
- C The dangerous goods in question are corrosive
- D The dangerous goods in question are radioactive

DC 6002 3.3.1 Special provision 800 C

A vessel is transporting oil seeds, crushed seeds and seedcake containing vegetable oil, treated with solvents, not subject to spontaneous combustion. Are these goods subject to ADN?

- A Plant products are not dangerous goods since they are not mentioned in ADN
- B Yes, in all cases, even if they have been prepared or treated to ensure that they cannot give off dangerous gases in dangerous quantities (no risk of explosion) during transport
- C In principle, yes, unless they have been prepared or treated to ensure that they cannot give off dangerous gases in dangerous quantities (no risk of explosion) during transport. If this is mentioned in the transport document, they are not subject to ADN
- D Yes, unless prior to loading they have been stored in dry air for at least three days

DC 6003 5.2.2.2.2, 5.3.2.2.3, 5.3.4 C

Packages may bear RID, ADR or IMDG Code danger labels. Where would you find the meaning of these danger labels?

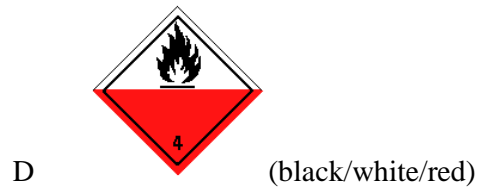
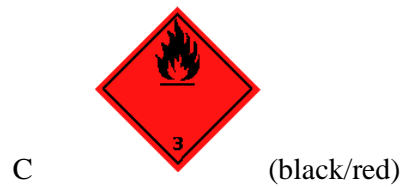
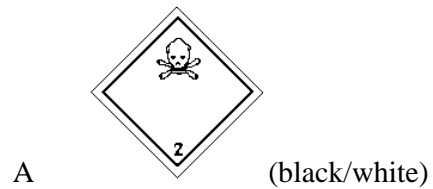
- A In CEVNI, annex 3
- B In the instructions in writing contained in 5.4.3
- C In ADN, Part 5
- D In the approval certificate

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6004 5.2.2.2.2 C

Which danger label does a package containing flammable liquids of Class 3 bear?







TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6005 5.2.2.2.2 C

Which danger label is used for dangerous goods of Class 4.3?

- A  (black/orange)
- B  (black/white/red)
- C  (white or black/blue)
- D  (black/white/red)

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
--------	--------	----------------

DC 6006 5.2.2.2.2 D

What does the danger label below mean?



(black/red/yellow)

- A Explosive
- B Flammable (flammable solids)
- C Liable to spontaneous combustion
- D Organic peroxide

DC 6007 1.1.3.6.1 A

A vessel is transporting packages of UN No. 1428 SODIUM, Class 4.3, Packing Group I. What is the maximum mass of such packages for which ADN is not applicable?

- A 300 kg
- B For this substance, there is no exempted quantity
- C 3,000 kg
- D 30,000 kg

DC 6008 1.1.3.6.1, 3.2, Table A B

A vessel is transporting packages of UN No. 3102 ORGANIC PEROXIDE TYPE B, SOLID, Class 5.2. What is the maximum mass of such packages for which ADN is not applicable?

- A 300 kg
- B For this substance, there is no exempted quantity
- C 3,000 kg
- D For Class 5.2, there is no quantity limitation

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6009 1.1.3.6.1 A

A vessel is transporting packages of corrosive substances of Class 8, Packing Group III. What is the maximum mass of such packages for which ADN is not applicable?

- A 3,000 kg
- B 300 kg
- C 30,000 kg
- D For Class 8, there is no exempted quantity

DC 6010 8.3.1 D

In addition to 1,000 tonnes of steel coils, your cargo contains 30 tonnes of UN No. 1830 SULPHURIC ACID in packages (Class 8). May you take on board persons who are not members of the crew, do not normally live on board or are not on board for official reasons?

- A In this case, yes, since no approval certificate is needed to transport sulphuric acid anyway, the acid being neither flammable nor explosive
- B Yes, but only with the vessel owner's agreement
- C Yes, subject to special authorization by the competent authority
- D Transport of such persons is prohibited

DC 6011 7.1.5.4.3 B

Your vessel is displaying three blue cones. What is the minimum distance you are required to keep while waiting in front of a lock or bridge?

- A 50 m
- B 100 m
- C 500 m
- D 1,000 m

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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- | | | |
|---|-----------|---|
| DC 6012 | 7.1.4.3.1 | A |
| May goods of Classes 6.1 and 8 be stowed together in the same hold? | | |
| A Yes, provided they are separated by a minimum horizontal distance of 3 m and are not stowed one on top of the other | | |
| B Yes, they may be stowed together without any conditions | | |
| C No, goods of these two classes must be separated by a watertight cargo bulkhead | | |
| D No, goods of Class 6.1 must never be stowed in the same hold together with goods of other classes | | |
| DC 6013 | 7.1.4.3.4 | A |
| May goods of Class 1 of different compatibility groups be stowed together in the same hold? | | |
| A Yes, as long as this is in accordance with the table in 7.1.4.3.4 | | |
| B No | | |
| C There is no prohibition on mixed loading, but the stacking requirements must be respected | | |
| D Only with the agreement of an expert on explosives | | |
| DC 6014 | 7.1.4.3.3 | D |
| A vessel is transporting goods of Class 1 for which marking with three blue cones or three blue lights is prescribed in Table A of Chapter 3.2. May goods of Class 6.2 be stowed together in the same hold? | | |
| A No, goods of these two classes may not be transported on the same vessel | | |
| B Yes, as long as the compatibility groups permit it | | |
| C No, only with the agreement of an expert | | |
| D Yes, but only if they are separated by a distance of not less than 12 m | | |

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
DC 6015	7.1.4.3.2	C
	<p>May packages containing UN No. 1614 HYDROGEN CYANIDE, STABILIZED, and packages containing UN No. 2309 OCTADIENE be stowed together in the same hold?</p> <p>A No, goods of these two classes may not be transported on the same vessel B Yes, as long as the minimum horizontal distance of 3 m is respected C No, irrespective of the quantity, dangerous goods for which marking with two blue cones or two blue lights is prescribed in column (12) of Table A of Chapter 3.2 must not be stowed in the same hold together with flammable goods for which marking with one blue cone or one blue light is prescribed in column (12) of Table A of Chapter 3.2 D Yes, there is absolutely no prohibition on mixed loading of these two goods</p>	
DC 6016	7.1.4.3, 7.1.4.4, 7.1.4.5	C
	<p>In ADN, where are the prohibitions on mixed loading for the transport of dangerous goods of any class found?</p> <p>A In 3.2, Table A B In 3.2, Table C C In 7.1.4.3 to 7.1.4.5 D In 1.1.3.1 to 1.1.3.6</p>	
DC 6017	7.1.4.3	D
	<p>May packages containing different dangerous goods be loaded side by side?</p> <p>A Yes, but the danger labels must be visible B In principle, no C Yes, only the prohibition on stacking packages applies D Yes, but only if the prohibition on mixed loading is respected</p>	

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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- | | | |
|---------|-----------|---|
| DC 6018 | 7.1.4.1.3 | B |
|---------|-----------|---|
- Your vessel has an approval certificate. You receive the order to take on board the following substances and articles in accordance with ADN:
- 20 tonnes of UN No. 0340 NITROCELLULOSE (Classification Code 1.1D)
 - 5 tonnes of UN No. 0131 LIGHTERS, FUSE (Classification Code 1.4S)
 - 10 tonnes of UN No. 0238 ROCKETS, LINE-THROWING (Classification Code 1.2G)
- Can you transport this cargo while respecting the quantity limitations prescribed?
- A Yes, in accordance with the table of quantity limitations for Class 1, the maximum quantity permitted has not been exceeded
 - B No, one of the three cargoes exceeds the maximum net mass
 - C Yes, if the nitrocellulose is loaded in the hold at the front extremity and the fuse lighters are loaded in the hold at the rear extremity
 - D Yes, there are no quantity limitations for these substances
- | | | |
|---------|---------|---|
| DC 6019 | 7.1.5.2 | A |
|---------|---------|---|
- A vessel is loaded with explosive substances and articles. What distance is such a vessel required to keep from other vessels when under way, if possible?
- A 50 m
 - B 100 m
 - C 10 m
 - D 20 m

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
DC 6020	1.1.3.6.1, 3.2, Table A	A
	<p>On your dry cargo vessel, your cargo includes 25 tonnes of UN No. 1223 KEROSENE in packages (steel drums). Is your vessel required to be marked with one blue cone or one blue light because of this cargo of dangerous goods?</p> <p>A No, for KEROSENE no marking is prescribed B No, since the gross mass of the cargo does not exceed 25 tonnes C Yes, all vessels transporting goods of Class 3 are required to be marked with one blue cone or one blue light D Yes, since the gross mass of 3,000 kg has been exceeded</p>	
DC 6021	1.1.3.6.1, 3.2, Table A	A
	<p>On your dry cargo vessel, your cargo includes 30 tonnes of UN No. 1263 PAINT or PAINT RELATED MATERIAL, Packing Group I, in packages (steel drums). Is your vessel required to be marked with of one blue cone or one blue light because of this cargo of dangerous goods?</p> <p>A Yes, since the gross mass of this cargo exceeds 300 kg B Yes, all vessels transporting goods of Class 3 are required to be marked with one blue cone or one blue light C No, no particular marking is required on account of this additional cargo D No, marking with one blue cone or one blue light is only required for tank vessels</p>	
DC 6022	7.1.4.1.3	D
	<p>You are transporting only UN No. 3101 ORGANIC PEROXIDE TYPE B, LIQUID, in a single-hull dry cargo vessel. What is the maximum quantity permitted?</p> <p>A 300,000 kg B 100,000 kg C 50,000 kg D 15,000 kg</p>	

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6023 Basic general knowledge A

What is the purpose of marking packages with danger labels?

- A The symbols enable the hazards presented by a dangerous cargo to be recognized
- B The consignee needs to know which package is intended for him
- C The master needs to know to load all packages with danger labels only on the deck
- D Packages are marked with danger labels above all in order to facilitate customs clearance of frontier-crossing traffic

DC 6024 5.2.2.2.2 B

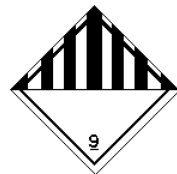
Which of these danger labels means that a package poses a corrosive hazard?



A (black/white)



B (black/white)



C (black/white)



D (black/yellow)

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6025 5.2.2.2.2 A

Which of these danger labels means that a package poses a toxic hazard?



A (black/white)



B (black/yellow)



C (black/white/red)



D (black/white)

DC 6026 5.2.2.2.2, 5.3 C

In ADN, where are the danger label models prescribed by the international regulations found?

- A In Part 1, 1.2.1
- B In Part 3, Table B
- C In Part 5, 5.2 and 5.3
- D In Part 7, 7.1.5.0.2

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
DC 6027	5.2.2, 3.2, Table A	A
	What does it mean when two different labels are affixed to the same package?	
	A The package poses several hazards	
	B The package may only be transported within port areas and not on the open river	
	C Mixed loading with other dangerous goods is always prohibited	
	D The police must be informed that dangerous goods are being transported	
DC 6028	Basic general knowledge	A
	Certain goods of Class 3 present another hazard in addition to a fire hazard. In the case of packages, how can attention be drawn to this other hazard?	
	A By marking the packages with additional danger labels	
	B By including a statement in the transport document	
	C By adding the UN number of the dangerous goods above the danger label in print at least 3 cm high	
	D By highlighting (underlining in red) the additional hazard in the instructions in writing	
DC 6029	7.1.4.4.2	B
	Under which conditions may goods of Classes 6.1 and 8 stowed in separate containers with complete metal walls be loaded in the same hold?	
	A In no circumstances may they be loaded in the same hold	
	B Always, without any conditions	
	C Goods of different classes must be separated by a horizontal distance of at least 3 m	
	D They may be loaded in the same hold, but not stacked	

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6030 7.1.4.3 C

You are required to load UN No. 1716 ACETYL BROMIDE in packages. Which of the following statements is **false**?

- A Packages containing ACETYL BROMIDE must be separated by not less than 1 m from the accommodation, the engine rooms, the wheelhouse and any sources of heat
- B The packages must not be stowed in the same hold together with dangerous goods for which marking with three blue cones or three blue lights is prescribed
- C Packages containing ACETYL BROMIDE must be separated from packages not containing dangerous goods
- D The packages must be protected against the effects of weather

DC 6031 1.1.3.6.1, 3.2, Table A C

What is the maximum quantity of UN No. 1428 SODIUM in packages that you may transport on a vessel without being subject to ADN?

- A 50 kg
- B For Class 4.3, there is no exempted quantity
- C 300 kg
- D 5,000 kg

DC 6032 7.1.4.1.3 B

You are required to transport in packages one type of dangerous goods only, of Class 2, "TF". What is the maximum gross mass permitted if the vessel is **not** a double-hull vessel within the meaning of ADN?

- A 50,000 kg
- B 120,000 kg
- C 300,000 kg
- D Unlimited

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6033 5.2.2.2.2 B



(red, white, black)

What does the danger label reproduced here mean?

- A The dangerous goods in question are flammable (liquid substances)
- B The dangerous goods in question are flammable (solid substances)
- C The dangerous goods in question emit flammable gases in contact with water
- D The dangerous goods in question are explosive

DC 6034 5.2.2.2.2 A



(green, black)

What does the danger label reproduced here mean?

- A The dangerous goods in question are a non-flammable gas
- B The dangerous goods in question are an organic peroxide
- C The dangerous goods in question are a corrosive substance
- D The dangerous goods in question are a toxic substance

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6035 5.2.2.2.2 B



(black, white)

What does the danger label reproduced here mean?

- A The dangerous goods in question are a non-flammable gas
- B The dangerous goods in question are a corrosive substance
- C The dangerous goods in question are an organic peroxide
- D The dangerous goods in question are a toxic substance

DC 6036 5.2.2.2.2 B



(white, black)

What does the danger label reproduced here mean?





- A The dangerous goods in question emit flammable gases in contact with water
- B The dangerous goods in question are an infectious substance
- C The dangerous goods in question are a toxic substance
- D The dangerous goods in question must not be loaded together with other substances in the same vessel

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6037 5.2.2.2.2 D

Which danger label indicates that a package contains substances liable to spontaneous combustion?

- A  (orange/black)
- B  (red/black)
- C  (red/white/black)
- D  (red/white/black)

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6038

5.2.2.2.2

D

Which danger label should a package containing corrosive substances bear?



A (orange/black)



B (red/white/black)



C (white/black)




D (white/black)

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6039 5.2.2.2.2 B

Which danger label should packages containing oxidizing substances bear?

A  (red/white/black)

B  (yellow/black)

C  (white/black)

D  (white/black)

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport





Number	Source	Correct answer
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DC 6040

5.2.2.2.2

C

Which danger label should packages containing flammable solids bear?





- A  (white/black)
- B  (white/black)
- C  (red/white/black)
- D  (red/white/black)

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6041 5.2.2.2.2 B

Which danger label should packages containing flammable gases bear?

- A  (orange/black)
- B  (red/black)
- C  (blue/white or black)
- D  (yellow/black)

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6042 5.2.2.2.2 A

Which danger label should packages containing explosive substances bear?

A  (orange/black)

B  (red/black)

C  (red/white/black)

D  (red/white/black)

DC 6043 7.1.4.3.3 A

May packages containing goods of Class 6.1 be loaded in the same hold together with packages containing goods of Class 5.2 for which marking with three blue cones or three blue lights is prescribed in Table A of Chapter 3.2?

- A Yes, but the packages must be separated by a distance of not less than 12 m
- B No, this is prohibited, since for packages containing goods of Class 6.1, marking with at least two blue cones or two blue lights is prescribed
- C Yes, but the packages must be placed in metal containers with complete walls
- D No, goods of Classes 6.1 and 5.2 are not permitted on board the same vessel

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
DC 6044	7.1.4.3.1	A
	Can goods of Classes 6.1 and 6.2 be loaded together?	
	A Yes, but they must be separated by a minimum horizontal distance of 3 m	
	B Yes, but they must be stacked	
	C No, this is not permitted	
	D Yes, but not in the same hold	
DC 6045	7.1.4.3.1	D
	Can goods of Classes 3 and 6.1 be loaded together if no marking with cones is prescribed for either?	
	A Yes, but they must be stacked	
	B Yes, but not in the same hold	
	C No, this is not permitted	
	D Yes, but they must be separated by a minimum horizontal distance of 3 m	
DC 6046	5.2.2.2.2	A
	What does it mean when two different danger labels are affixed to the same package?	
	A The package poses several hazards	
	B The package may only be transported within port areas and not on the open river	
	C Mixed loading with other dangerous goods is always prohibited	
	D The police must be informed that dangerous goods are being transported	
DC 6047	7.1.4.1	C
	Maximum permissible gross masses are applicable to the transport of certain dangerous goods (limitation of quantities carried). In which paragraph of ADN are the relevant provisions found?	
	A 1.2.2.2.2	
	B 3.2	
	C 7.1.4.1	
	D 9.3.2.23	

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6048 7.1 B

Which chapter of ADN contains requirement for the loading, unloading and handling of cargo applicable to dangerous goods of any class in dry cargo vessels?

- A Chapter 1.1
- B Chapter 7.1
- C Chapter 7.2
- D Chapter 8.2

DC 6049 7.1.3.42 B

What does ADN prescribe in respect of heating of holds?

- A The heating of holds is always permitted
- B The heating of holds is prohibited
- C The heating of holds is prescribed in certain cases
- D The heating of holds is only permitted with the agreement of the loader

DC 6050 5.2.2.2.2 D



(orange/black)

What does the danger label reproduced here mean?

- A The substance in question is flammable (liquid substance)
- B The substance in question is flammable (solid substance)
- C The substance in question emits flammable gases in contact with water
- D The substance in question is explosive

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
DC 6051	7.1.4.7.1	A
	Where may dangerous goods in packages for which marking with one blue cone or one blue light is prescribed be loaded or unloaded?	
	A At the places approved for this purpose by the competent authority	
	B At any place situated away from inhabited areas	
	C At oil terminals	
	D At any place the master considers appropriate	
DC 6052	7.1.4.3.4	A
	In which class must the compatibility group be taken into account in order to respect the prohibitions on mixed loading of cargoes in packages?	
	A Class 1	
	B Class 2	
	C Class 3	
	D Class 6.1	
DC 6053	7.1.4.3.2	D
	May packages containing goods of Class 6.1 for which marking with two blue cones or two blue lights is prescribed in Table A of Chapter 3.2 be loaded in the same hold together with other goods?	
	A No, they may only be loaded in the same hold with goods of Class 6.1	
	B Yes, they may be loaded in the same hold together with all other goods except for foodstuffs, other articles of consumption and animal feeds	
	C No, they may not be loaded in the same hold together with any other dangerous goods	
	D Yes, they may be loaded in the same hold together with all other goods apart from flammable goods for which marking with one blue cone or one blue light is prescribed in Table A of Chapter 3.2	

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
DC 6054	7.1.4.4.2	A
	<p>You wish to load goods of Classes 6.1 and 8 contained in closed metal containers with complete walls. What horizontal separation distance must you respect?</p> <p>A Minimum separation distances are not prescribed B 3 m C 2 m D 2.5 m</p>	
DC 6055	7.1.4.3.1	D
	<p>You wish to transport goods of Classes 6.1 and 6.2 on pallets. By what horizontal distance must they be separated?</p> <p>A 2.4 m B 2.6 m C 2.8 m D 3 m</p>	
DC 6056	7.1.4.3.3	B
	<p>May goods of Class 1 for which marking with three blue cones or three blue lights is prescribed be loaded together with packages containing goods of Class 6?</p> <p>A Yes, if they are separated by a horizontal distance of at least 3 m B Yes, if they are separated by a horizontal distance of at least 12 m C No D Yes, if they are stacked</p>	
DC 6057	7.1.4.3	A
	<p>You are required to transport substances of Classes 6.1 and 8 for which no marking is prescribed in Table A of Chapter 3.2. Can these substances be loaded in the same hold?</p> <p>A Yes B No, they must be loaded on deck C No, they may not be transported together on the same vessel D No, they must be placed in separate holds</p>	

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
DC 6058	7.1.4.9	B
	When is cargo trans-shipment permitted outside the places approved for this purpose?	
	A There are no specific requirements	
	B When authorized by the competent authority	
	C During trans-shipment while at anchor	
	D Away from built-up areas	
DC 6059	7.1.4.4.2	A
	Two metal containers with complete walls are stacked. One is loaded with toxic substances of Class 6.1, the other with corrosive substances of Class 8. Is this permitted?	
	A Yes	
	B No	
	C Yes, but only if they are stowed above deck	
	D Yes, but only if they are stowed below deck	
DC 6060	7.1.4.4.3	B
	You receive the following containers for transportation:	
	– A container covered with tarpaulins (no closed metal roof) loaded with substances of Class 3	
	– A container covered with tarpaulins (no closed metal roof) loaded with substances of Class 5.1	
	What is the minimum separation distance required between the two containers?	
	A 5 m	
	B 2.4 m	
	C 4.8 m	
	D 10 m	

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
DC 6061	3.2, Table A, 7.1.5.0.2	C
	<p>On your vessel, you are transporting, in addition to goods for which no blue cone marking is prescribed, two containers of UN No. 1397 ALUMINIUM PHOSPHIDE with a total mass of 50,000 kg. Which marking is the vessel required to display?</p> <p>A No marking B One blue cone/one blue light C Two blue cones/two blue lights D Three blue cones/three blue lights</p>	
DC 6062	7.1.5.0.2	A
	<p>On your vessel, you are transporting a container with 5,200 kg of UN No. 1950 AEROSOLS, flammable, Class 2, Classification Code 5F. Which marking is the vessel required to display?</p> <p>A No marking B One blue cone/one blue light C Two blue cones/two blue lights D Three blue cones/three blue lights</p>	
DC 6063	7.1.4.1.3	C
	<p>In which paragraph of ADN are the permissible gross masses (limitation of quantities carried) for the transport of certain dangerous goods found?</p> <p>A 1.1.3.6.1 B 3.2.1 C 7.1.4.1.3 D 7.1.5.0.2</p>	
DC 6064	1.1.3.6.1, 3.2, Table A	B
	<p>You are transporting 2,500 kg of UN No. 1159 DIISOPROPYL ETHER on a dry cargo vessel. Which marking is the vessel required to display?</p> <p>A One blue cone or one blue light B For the transport of these dangerous goods, the vessel is not required to display any marking C Two blue cones or two blue lights D An orange-coloured plate in accordance with RID/ADR</p>	

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
DC 6065	7.1.5.0.2	D
<p>On your vessel, you are transporting the following dangerous goods in closed containers:</p> <ul style="list-style-type: none">– 50 steel drums, each containing 200 litres of UN No. 1100 ALLYL CHLORIDE, Class 3 (6.1), Packing Group I, total mass 11,000 kg; and– 100 plastic jerrycans each containing 20 litres of UN No. 2256 CYCLOHEXENE, Class 3, Packing Group II, total mass 1,850 kg <p>Which marking is your vessel required to display?</p> <ul style="list-style-type: none">A Two blue cones/two blue lightsB One blue cone/one blue lightC This is decided by the principalD No marking		
DC 6066	7.1.5.0.2	A
<p>On your vessel, you are transporting the following dangerous goods in closed containers:</p> <ul style="list-style-type: none">– 500 steel drums, each containing 200 litres of UN No. 1100 ALLYL CHLORIDE, Class 3 (6.1), Packing Group I, total mass 110,000 kg <p>Which marking is your vessel required to display?</p> <ul style="list-style-type: none">A Two blue cones/two blue lightsB One blue cone/one blue lightC This is decided by the principalD No marking		
DC 6067	7.1.5.0.1	B
<p>On your vessel, you are transporting 10 tank-containers, each containing 24 tonnes of UN No. 1203 MOTOR SPIRIT or GASOLINE or PETROL, Class 3, Packing Group II.</p> <p>Which marking is your vessel required to display?</p> <ul style="list-style-type: none">A Two blue cones/two blue lightsB One blue cone/one blue lightC This is decided by the principalD No marking		

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6068	7.1.5.0.2	D
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On your vessel, you are transporting the following dangerous goods in closed containers:

- 500 steel drums, each containing 200 litres of UN No. 1230 METHANOL, Class 3 (6.1), Packing Group II, total mass 85,000 kg

Which marking is your vessel required to display?

- A Two blue cones/two blue lights
- B One blue cone/one blue light
- C This is decided by the principal
- D No marking

DC 6069	7.1.4.4	B
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On your vessel, you load a container with complete metal walls containing:

- 10 drums, each holding 200 litres of UN No. 1100 ALLYL CHLORIDE, Class 3 (6.1), Packing Group I;

and another container with complete metal walls containing:

- 100 plastic jerrycans, each holding 20 litres of UN No. 2256 CYCLOHEXENE, Class 3, Packing Group II

May these two containers be placed side-by-side in the same hold?

- A No, since substances for which marking with one blue cone is prescribed may not be loaded in the same hold together with substances for which marking with two blue cones is prescribed
- B Yes, since the two substances are in containers with complete metal walls
- C No, since dangerous substances of different classes should never be loaded together in the same hold
- D Yes, the containers may be loaded in the same hold, but only if a separation distance of 3 m is maintained

TRANSPORT OF DRY CARGO VESSELS
Examination objective 6: Loading, unloading and transport

Number	Source	Correct answer
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DC 6070 5.2.1.8.3 D

How are environmentally hazardous substances marked?

A  (white/black)

B  (red/black)

C  (white, black)

D  (white/black)
