

JOINT MEETING OF EXPERTS ON THE REGULATIONS ANNEXED TO THE AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS (ADN) (SAFETY COMMITTEE)

(Forty-first meeting, Geneva, 23 – 27 January 2023)
Item 4 (d) of the provisional agenda

Implementation of the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN): Training of experts

Summary document for the catalogue of questions "Gas"

Transmitted by the Central Commission for the Navigation of the Rhine

Number	Source	Response	Remarks	Dealt with on
Knowledge of physics and chemistry				
Objective 1.1				
231 01.1-01	Boyle-Mariotte law: $pV=\text{constant}$	C		28.09.2016
231 01.1-02	Boyle-Mariotte law: $pV=\text{constant}$	C		10.12.2020
231 01.1-03	Boyle-Mariotte law: $pV=\text{constant}$	B	Modification only in German	10.12.2020
231 01.1-04	Boyle-Mariotte law: $pV=\text{constant}$	A		28.09.2016
231 01.1-05	Boyle-Mariotte law: $pV=\text{constant}$	B		28.09.2016
231 01.1-06	Gay-Lussac law: $p/T=\text{constant}$	C		28.09.2016
231 01.1-07	Gay-Lussac law: $p/T=\text{constant}$	D		10.12.2020 22.09.2022
231 01.1-08	Gay-Lussac law: $p/T=\text{constant}$	B		22.09.2022 20.09.2018
231 01.1-09	Gay-Lussac law: $p/T=\text{constant}$	C		22.09.2022 20.09.2018
231 01.1-10	Gay-Lussac law: $p/T=\text{constant}$	B		28.09.2016
Objective 1.2				
231 01.2-01	Fundamental law of gases: $pV/T=\text{constant}$	A		22.09.2022 28.09.2016
231 01.2-02	Fundamental law of gases: $pV/T=\text{constant}$	B	Modification only in German	22.09.2022 10.12.2020
231 01.2-03	Fundamental law of gases: $pV/T=\text{constant}$	D	Modification only in German	10.12.2020
231 01.2-04	Fundamental law of gases: $pV/T=\text{constant}$	C		22.09.2022 20.09.2018
231 01.2-05	Fundamental law of gases: $pV/T=\text{constant}$	D		28.09.2016
231 01.2-06	Fundamental law of gases: $pV/T=\text{constant}$	B		28.09.2016
231 01.2-07	Fundamental law of gases: $pV/T=\text{constant}$	A		28.09.2016
231 01.2-08	Fundamental law of gases: $pV/T=\text{constant}$	B		28.09.2016
231 01.2-09	Fundamental law of gases: $pV/T=\text{constant}$	A		28.09.2016
231 01.2-10	Fundamental law of gases: $pV/T=\text{constant}$	C		28.09.2016
Objective 2.1				
231 02.1-01	Partial pressure – definitions	B		10.12.2020
231 02.1-02	Partial pressure – definitions	C		10.12.2020
231 02.1-03	$p_{\text{tot}} = \sum p_i$ and Vol.-% = $p_i \times 100 / p_{\text{tot}}$	D		20.09.2018
231 02.1-04	$p_{\text{tot}} = \sum p_i$ and Vol.-% = $p_i \times 100 / p_{\text{tot}}$	C		28.09.2016

Number	Source	Response	Remarks	Dealt with on
231 02.1-05	$p_{tot} = \sum p_i$ and Vol.-% = $p_i \times 100 / p_{tot}$	B		28.09.2016
231 02.1-06			deleted	06.06.2011
231 02.1-07	$p_{tot} = \sum p_i$ and Vol.-% = $p_i \times 100 / p_{tot}$	B		28.09.2016
231 02.1-08	$p_{tot} = \sum p_i$ and Vol.-% = $p_i \times 100 / p_{tot}$	C		28.09.2016
231 02.1-09	$p_{tot} = \sum p_i$ and Vol.-% = $p_i \times 100 / p_{tot}$	D		28.09.2016
Objective 2.2				
231 02.2-01	$p_{tot} = \sum p_i$ and Vol.-% = $p_i \times 100 / p_{tot}$ and $p * V = constant$	B		22.09.2022 28.09.2016
231 02.2-02	$p_{tot} = \sum p_i$ and Vol.-% = $p_i \times 100 / p_{tot}$ and $p * V = constant$	D		22.09.2022 10.12.2020
231 02.2-03	$p_{tot} = \sum p_i$ and Vol.-% = $p_i \times 100 / p_{tot}$ and $p * V = constant$	B		22.09.2022 10.12.2020
231 02.2-04	$p_{tot} = \sum p_i$ and Vol.-% = $p_i \times 100 / p_{tot}$ and $p * V = constant$	D		22.09.2022 10.12.2020
231 02.2-05	$p_{tot} = \sum p_i$ and Vol.-% = $p_i \times 100 / p_{tot}$ and $p * V = constant$	A		22.09.2022 10.12.2020
231 02.2-06	$p_{tot} = \sum p_i$ and Vol.-% = $p_i \times 100 / p_{tot}$ and $p * V = constant$	C		22.09.2022 28.09.2016
231 02.2-07	$p_{tot} = \sum p_i$ and Vol.-% = $p_i \times 100 / p_{tot}$ and $p * V = constant$	C		22.09.2022 10.12.2020
231 02.2-08	Characteristics of substances	D		28.09.2016
Objective 3.1				
231 03.1-01	1 kmol ideal gas = 24 m ³ at 100 kPa and 25 15 °C, quantity of substance = M *mass [kg]	B		22.09.2022 28.09.2016
231 03.1-02	1 kmol ideal gas = 24 m ³ at 100 kPa and 25 15 °C, quantity of substance = M *mass [kg]	A		22.09.2022 28.09.2016
231 03.1-03	1 kmol ideal gas = 24 m ³ at 100 kPa and 25 15 °C, quantity of substance = M *mass [kg]	B		22.09.2022 28.09.2016
231 03.1-04	1 kmol ideal gas = 24 m ³ at 100 kPa and 25 15 °C, quantity of substance = M *mass [kg]	A		22.09.2022 28.09.2016
231 03.1-05	1 kmol ideal gas = 24 m ³ at 100 kPa and 25 15 °C, quantity of substance = M *mass [kg]	B		22.09.2022 10.12.2020
231 03.1-06	1 kmol ideal gas = 24 m ³ at 100 kPa and 25 15 °C, quantity of substance = M *mass [kg]	C		22.09.2022 10.12.2020
231 03.1-07	1 kmol ideal gas = 24 m ³ at 100 kPa and 25 15 °C, quantity of substance = M *mass [kg]	B		22.09.2022 28.09.2016

Number	Source	Response	Remarks	Dealt with on
231 03.1-08	1 kmol ideal gas = 24 m ³ at 100 kPa and 25 15 °C, quantity of substance = M *mass [kg]	D		22.09.2022 10.12.2020
231 03.1-09	1 kmol ideal gas = 24 m ³ at 100 kPa and 25 15 °C, quantity of substance = M *mass [kg]	C		22.09.2022 28.09.2016
231 03.1-10	1 kmol ideal gas = 24 m ³ at 100 kPa and 25 15 °C, quantity of substance = M *mass [kg]	C		22.09.2022 28.09.2016
Objective 3.2				
231 03.2-01	$m = 0,12 * p * M * V / T$	B		28.09.2016
231 03.2-02	$m = 0,12 * p * M * V / T$	A		22.09.2022 28.09.2016
231 03.2-03	$m = 0,12 * p * M * V / T$	B		28.09.2016
231 03.2-04	$m = 0,12 * p * M * V / T$	C		28.09.2016
231 03.2-05	$m = 0,12 * p * M * V / T$	A		28.09.2016
231 03.2-06	$m = 0,12 * p * M * V / T$ or $p = m * T / (0,12 * M * V)$	D		28.09.2016
231 03.2-07	$m = 0,12 * p * M * V / T$ or $p = m * T / (0,12 * M * V)$	D		28.09.2016
231 03.2-08	$m = 0,12 * p * M * V / T$ or $p = m * T / (0,12 * M * V)$	C		28.09.2016
231 03.2-09	$m = 0,12 * p * M * V / T$ or $p = m * T / (0,12 * M * V)$	D		22.09.2022 28.09.2016
231 03.2-10	$m = 0,12 * p * M * V / T$ or $p = m * T / (0,12 * M * V)$	D		20.09.2018
Objective 4.1				
231 04.1-01	$m = \rho_{t1} * V_{t1} = \rho_{t2} * V_{t2}$ (with tables)	C		10.12.2020
231 04.1-02	$m = \rho_{t1} * V_{t1} = \rho_{t2} * V_{t2}$ (with tables)	B		10.12.2020
231 04.1-03	$m = \rho_{t1} * V_{t1} = \rho_{t2} * V_{t2}$ (with tables)	C		22.09.2022 10.12.2020
231 04.1-04	$m = \rho_{t1} * V_{t1} = \rho_{t2} * V_{t2}$ (with tables)	B		22.09.2022 10.12.2020
231 04.1-05	$m = \rho_{t1} * V_{t1} = \rho_{t2} * V_{t2}$ (with tables)	B		22.09.2022 06.06.2011
231 04.1-06	$m = \rho_{t1} * V_{t1} = \rho_{t2} * V_{t2}$ (with tables)	C		22.09.2022 06.06.2011
231 04.1-07	$m = \rho_{t1} * V_{t1} = \rho_{t2} * V_{t2}$ (with tables)	C		06.06.2011
231 04.1-08	$m = \rho_{t1} * V_{t1} = \rho_{t2} * V_{t2}$ (with tables)	B		06.06.2011
231 04.1-09	$m = \rho_{t1} * V_{t1} = \rho_{t2} * V_{t2}$ (with tables)	C		06.06.2011
231 04.1-10	$m = \rho_{t1} * V_{t1} = \rho_{t2} * V_{t2}$ (with tables)	B		06.06.2011
Objective 4.2				
231 04.2-01			deleted (2011)	06.06.2011
231 04.2-02			deleted (2011)	06.06.2011
231 04.2-03			deleted (2011)	06.06.2011
231 04.2-04			deleted (2011)	06.06.2011

Number	Source	Response	Remarks	Dealt with on
231 04.2-05			deleted (2011)	06.06.2011
231 04.2-06			deleted (2011)	06.06.2011
231 04.2-07			deleted (2011)	06.06.2011
231 04.2-08			deleted (2011)	06.06.2011
231 04.2-09			deleted (2011)	06.06.2011
231 04.2-10			deleted (2011)	06.06.2011
Objective 5				
231 05.0-01	Critical pressure and temperature	A		10.12.2020
231 05.0-02	Critical pressure and temperature	C		10.12.2020
231 05.0-03	Critical pressure and temperature	B		<u>22.09.2022</u> 10.12.2020
231 05.0-04	Critical pressure and temperature	A		10.12.2020
Objective 6.1				
231 06.1-01	Polymerization	C		06.06.2011
231 06.1-02	Polymerization	A		<u>22.09.2022</u> 30.09.2014
231 06.1-03	Polymerization	B		06.06.2011
231 06.1-04	Polymerization	B		30.09.2014
231 06.1-05	Polymerization	D		10.12.2020
Objective 6.2				
231 06.2-01	3.2.3.2, Table C	C		<u>22.09.2022</u> 30.09.2014
231 06.2-02	Polymerization	C		<u>22.09.2022</u> 10.12.2020
231 06.2-03	Polymerization	D		<u>22.09.2022</u> 28.09.2016
231 06.2-04	Polymerization	A		06.06.2011
231 06.2-05	3.2.3.2, Table C	A		<u>22.09.2022</u> 10.12.2020
231 06.2-06	3.2.3.2, Table C	D		<u>22.09.2022</u> 28.09.2016
231 06.2-07	Polymerization	B		10.12.2020
231 06.2-08			deleted (2007)	06.06.2011
231 06.2-09	Polymerization	C		10.12.2020
Objective 7.1				
231 07.1-01	Vapour pressure	A		06.06.2011
231 07.1-02	Vapour pressure	B		30.09.2014
231 07.1-03	Vapour pressure	C		30.09.2014
231 07.1-04	Vapour pressure	D		06.06.2011
231 07.1-05	Vapour pressure	A		06.06.2011
231 07.1-06	Vapour pressure	B		<u>22.09.2022</u> 10.12.2020
231 07.1-07	Vapour pressure	C		06.06.2011
231 07.1-08	Vapour pressure	D		06.06.2011
231 07.1-09	Vapour pressure	A		06.06.2011
231 07.1-10	Vapour pressure	B		28.09.2016

Number	Source	Response	Remarks	Dealt with on
231 07.1-11	Influence on the cargo of an increase in temperature	B		28.09.2016
231 07.1-12	Change in cargo temperature, general knowledge	B		22.09.2022 28.09.2016
231 07.1-13	Characteristics of substances, 1.2.1	A		22.09.2022 30.09.2014
231 07.1-14	Characteristics of substances	B		22.09.2022 30.09.2014
Objective 7.2				
231 07.2-01			deleted (2007)	06.06.2011
231 07.2-02			deleted (2007)	06.06.2011
231 07.2-03	Increase in temperature in the cargo tank	C		28.09.2016
231 07.2-04	Pressure in the cargo tank	D		28.09.2016
231 07.2-05	Behaviour of pressure in the cargo tank	C		20.09.2018
231 07.2-06	Behaviour of pressure in the cargo tank	D		10.12.2020
231 07.2-07			deleted (2007)	06.06.2011
231 07.2-08	Vapour saturation pressure	B		20.09.2018
231 07.2-09	Liquefying of gas	A		20.09.2018
Objective 8.1				
231 08.1-01	Saturation vapour pressure, depending on composition	B		06.06.2011
231 08.1-02	Saturation vapour pressure, depending on composition	C		06.06.2011
231 08.1-03	Saturation vapour pressure, depending on composition	A		06.06.2011
231 08.1-04			deleted (2007)	06.06.2011
231 08.1-05			deleted (2007)	06.06.2011
231 08.1-06			deleted (2007)	06.06.2011
Objective 8.2				
231 08.2-01	Health risks	C		22.09.2022 06.06.2014
231 08.2-02	Health risks	B		22.09.2022 06.06.2014
231 08.2-03	Health risks	B		22.09.2022 10.12.2020
231 08.2-04	Health risks	C		22.09.2022 10.12.2020
231 08.2-05	Health risks	A		13.09.2012
231 08.2-06	Hazard characteristics	C		13.09.2012
231 08.2-07	Hazard characteristics	C		22.09.2022 10.12.2020
231 08.2-08	Hazard characteristics	C		10.12.2020
231 08.2-09	Characteristics of substances	D		30.09.2014
231 08.2-10	Characteristics of substances	C		30.09.2014

Number	Source	Response	Remarks	Dealt with on
231 08.2-11	Characteristics of substances	A		28.09.2016
Objective 9				
231 09.0-01	Polymerization	A		22.09.2022 06.06.2011
231 09.0-02	Molecular mass	D		30.09.2014
231 09.0-03	Molecular mass	C		30.09.2014
231 09.0-04	Molecular mass	B		30.09.2014
231 09.0-05	Molecular mass	A		30.09.2014
231 09.0-06			deleted (2007)	06.06.2011
231 09.0-07			deleted (2007)	06.06.2011
231 09.0-08	Molecular mass	A		30.09.2014
Practice				
Objective 1.1				
232 01.1-01	Flushing in the event of a change of cargo	C		10.12.2020
232 01.1-02	Flushing in the event of a change of cargo	C		10.12.2020
232 01.1-03	Table C, column (20), remark 2	A		22.09.2022 10.12.2020
232 01.1-04	Flushing in the event of a change of cargo	A		10.12.2020
232 01.1-05	Flushing in the event of a change of cargo	D		10.12.2020
232 01.0-06	9.3.1.21.12	C		28.09.2016
Objective 1.2				
232 01.2-01	Table C, column (20), remark 2	D		10.12.2020
232 01.2-02	Table C, column (20), remark 2	C		10.12.2020
232 01.2-03	Table C, column (20), remark 2	B		10.12.2020
232 01.2-04	Table C, column (20), remark 2	B		10.12.2020
232 01.2-05	Table C, column (20), remark 2	C		10.12.2020
Objective 1.3				
232 01.3-01	Methods for flushing (degassing)	D		10.12.2020
232 01.3-02	Methods for flushing (degassing)	D		10.12.2020
232 01.3-03	Methods for flushing (degassing)	C		10.12.2020
232 01.3-04	Methods for flushing (degassing)	A		10.12.2020
232 01.3-05	Flushing (degassing) at the same time as repairs	B		06.06.2011

Number	Source	Response	Remarks	Dealt with on
232 01.3-06	Flushing (degassing) in connection with repair work	C		06.06.2011
232 01.3-07	7.2.3.1.6	B		10.12.2020
232 01.3-08	Longitudinal flushing	C		10.12.2020
232 01.3-09			deleted (2007)	06.06.2011
Objective 2				
232 02.0-01			deleted (2010)	06.06.2011
232 02.0-02			deleted (2010)	06.06.2011
232 02.0-03	Flushing/rinsing of test tubes	D		06.06.2011
232 02.0-04	Flushing/rinsing of test tubes	A		06.06.2011
232 02.0-05	Sampling during longitudinal flushing	C		06.06.2011
232 02.0-06			deleted (2007)	06.06.2011
232 02.0-07	7.2.4.1.1 Storage of samples in test tubes	A		30.09.2014
232 02.0-08	Flushing of the cargo tanks	C		06.06.2011
232 02.0-09			deleted (2007)	06.06.2011
232 02.0-10	Taking of samples	B		06.06.2011
Objective 3				
232 03.0-01	Definition of explosive limit	A		06.06.2011
232 03.0-02	Definition of explosive limit	C		10.12.2020
232 03.0-03	Definition of explosive limit	D		22.09.2022 06.06.2011
232 03.0-04	Definition of explosive limit	D		22.09.2022 28.09.2016
232 03.0-05	Definition of explosive limit	A		22.09.2022 06.06.2011
232 03.0-06	Critical dilution rate	B		20.09.2018
232 03.0-07	Critical dilution rate	C		30.09.2014
232 03.0-08	Risk of explosion	B		06.06.2011
232 03.0-09	Explosive limit and static electricity	D	<u>Modification only in German</u>	22.09.2022 20.09.2018
Objective 4				
232 04.0-01	Imminent hazards	A		22.09.2022 06.06.2011
232 04.0-02	Delayed effect	B	<u>Only in French and English</u>	22.09.2022 10.12.2020
232 04.0-03	Anaesthetizing effect	D		06.06.2011
232 04.0-04	Definition of the maximum workplace concentration	C		06.06.2011
232 04.0-05	Definition of the maximum workplace concentration	C		06.06.2011
232 04.0-06	Exceeding the maximum workplace concentration	B		06.06.2011
232 04.0-07	Maximum workplace concentration – odour threshold	A		06.06.2011

Number	Source	Response	Remarks	Dealt with on
232 04.0-08			deleted (2007)	06.06.2011
232 04.0-09	Asphyxiation	C		06.06.2011
Objective 5.1				
232 05.1-01	Measuring gas concentration	D		06.06.2011
232 05.1-02	Measuring gas concentration	A		06.06.2011
232 05.1-03	Measuring gas concentration	B		06.06.2011
232 05.1-04	Measuring gas concentration	C		06.06.2011
232 05.1-05	Measuring gas concentration	D		13.09.2012
232 05.1-06	Measuring gas concentration	A		06.06.2011
232 05.1-07	Measuring gas concentration	B		10.12.2020
232 05.1-08	Measuring gas concentration	C		10.12.2020
232 05.1-09	Measuring gas concentration	A		20.09.2018
232 05.1-10	Measuring gas concentration	D		22.09.2022 10.12.2020
Objective 5.2				
232 05.2-01	Measuring gas concentration	A		10.12.2020
232 05.2-02	Measuring gas concentration	D		06.06.2011
232 05.2-03	Measuring gas concentration	A		10.12.2020
232 05.2-04	Measuring gas concentration	D		10.12.2020
232 05.2-05	Measuring gas concentration	A		10.12.2020
232 05.2-06	Measuring gas concentration	D		22.09.2022 10.12.2020
232 05.2-07	Measuring gas concentration	A		22.09.2022 10.12.2020
232 05.2-08	Measuring gas concentration	A		22.09.2022 10.12.2020
232 05.2-09	Measuring gas concentration	B		10.12.2020
232 05.2-10			deleted (2007)	06.06.2011
Objective 6				
232 06.0-01	Measuring gas concentration	B		06.06.2011
232 06.0-02	Measuring gas concentration, 7.2.3.1.6	A		22.09.2022 10.12.2020
232 06.0-03			deleted (2007)	06.06.2011
232 06.0-04	Measuring gas concentration	C		30.09.2014
232 06.0-05	Measuring gas concentration	A		20.09.2018
232 06.0-06	7.2.3.1.6	D		22.09.2022 10.12.2020
232 06.0-07	Measuring gas concentration	D		22.09.2022 10.12.2020
232 06.0-08	7.2.3.1.6	C		10.12.2020
232 06.0-09	Measuring gas concentration	C		10.12.2020
232 06.0-10			deleted (2016)	28.09.2016
Objective 7				
232 07.0-01	Measuring gas concentration	B		30.09.2014
232 07.0-02	Measuring gas concentration	B		10.12.2020

Number	Source	Response	Remarks	Dealt with on
232 07.0-03	8.3.5	C		22.09.2022 10.12.2020
232 07.0-04	8.3.5	A		22.09.2022 10.12.2020
232 07.0-05	8.3.5	D		22.09.2022 10.12.2020
232 07.0-06	8.3.5	A		22.09.2022 10.12.2020
232 07.0-07	7.2.3.1.6	A		20.09.2018
232 07.0-08	8.3.5	A		22.09.2022 10.12.2020
232 07.0-09	8.3.5	C		22.09.2022 10.12.2020
232 07.0-10	8.3.5	D		22.09.2022 10.12.2020
Objective 8				
232 08.0-01	1.2.1	C		20.09.2018
232 08.0-02	Degree of filling	D		10.12.2020
232 08.0-03	Degree of filling	C		20.09.2018
232 08.0-04	Degree of filling	A		10.12.2020
232 08.0-05	Degree of filling	B		10.12.2020
232 08.0-06	Degree of filling	A		10.12.2020
232 08.0-07	Overfilling	C		06.06.2011
232 08.0-08	9.3.1.21.1	D		28.09.2016
232 08.0-09	9.3.1.21.1	A		06.06.2011
232 08.0-10	Degree of filling	B		10.12.2020
232 08.0-11	7.2.4.16.16	B		20.09.2018
232 08.0-12	7.2.4.16.17	A		28.09.2016
232 08.0-13	7.2.4.16.17	C		22.09.2022 28.09.2016
Objective 9				
232 09.0-01	Safety against bursts in the piping	A		13.09.2012
232 09.0-02	Safety against bursts in the piping	C		06.06.2011
232 09.0-03	Safety against bursts in the piping	D		06.06.2011
232 09.0-04	Safety against bursts in the piping	B		06.06.2011
232 09.0-05	Safety against bursts in the piping	A		10.12.2020
232 09.0-06	9.3.1.21.9	A		20.09.2018
232 09.0-07	7.2.2.21	B		20.09.2018
232 09.0-08	7.2.2.21	C		20.09.2018
232 09.0-09	Rapid closing system	C		10.12.2020
232 09.0-10	Rapid closing system	A		13.09.2012
232 09.0-11	9.3.1.21.11	D		28.09.2016
232 09.0-12	Treatment of the cargo, 9.3.1.24.1 (a)	B		10.12.2020
Objective 10				
232 10.0-01	<u>Basic general knowledge,</u> Unloading of the cargo	C		22.09.2022 06.06.2014
232 10.0-02	<u>Basic general knowledge,</u> Unloading of the cargo	D		22.09.2022 06.06.2014

Number	Source	Response	Remarks	Dealt with on
232 10.0-03	<u>Basic general knowledge,</u> Unloading of the cargo	A		22.09.2022 06.06.2014
232 10.0-04	<u>Basic general knowledge,</u> Deck pumps	B		22.09.2022 06.06.2014
232 10.0-05	<u>Basic general knowledge,</u> Compressors	C		22.09.2022 06.06.2014
232 10.0-06	<u>Basic general knowledge,</u> Compressors	D		22.09.2022 06.06.2014
232 10.0-07	<u>Basic general knowledge,</u> Deck pumps	A		22.09.2022 06.06.2014
232 10.0-08	<u>Basic general knowledge,</u> Compressors	C		22.09.2022 06.06.2014
232 10.0-09	<u>Basic general knowledge,</u> Compressors	B		22.09.2022 20.09.2018
Emergency measures				
Objective 1.1				
233 01.1-01	Liquefied gas on skin	B		22.09.2022 10.12.2020
233 01.1-02	Liquefied gas on skin	A		22.09.2022 10.12.2020
233 01.1-03	Liquefied gas on skin	C		10.12.2020
233 01.1-04	Liquefied gas on skin	D		22.09.2022 10.12.2020
Objective 1.2				
233 01.2-01	Breathing in gas	C		22.09.2022 10.12.2020
233 01.2-02	Breathing in gas	D		22.09.2022 10.12.2020
233 01.2-03	Breathing in gas	A		22.09.2022 10.12.2020
233 01.2-04	Breathing in gas	B		22.09.2022 10.12.2020
233 01.2-05	Breathing in gas	B		10.12.2020
Objective 1.3				
233 01.3-01	Emergency assistance, general	A		22.09.2022 10.12.2020
233 01.3-02	Emergency assistance, general	C		22.09.2022 10.12.2020
233 01.3-03	Emergency assistance, general	C		10.12.2020
233 01.3-04	Emergency assistance, general	D		22.09.2022 10.12.2020
Objective 2.1				
233 02.1-01	Leak in a connection	A		22.09.2022 10.12.2020
233 02.1-02	Leak in a connection	B		22.09.2022 10.12.2020
233 02.1-03	Leak in a connection	C		22.09.2022 10.12.2020

Number	Source	Response	Remarks	Dealt with on
Objective 2.2				
233 02.2-01	Fire in the engine room	C		10.12.2020
233 02.2-02	Fire in the engine room	A		10.12.2020
233 02.2-03	Fire in the engine room	C		10.12.2020
Objective 2.3				
233 02.3-01	Hazards that might arise in the vicinity of the vessel	B		10.12.2020
233 02.3-02	Hazards that might arise in the vicinity of the vessel	A		22.09.2022 10.12.2020
233 02.3-03	Hazards that might arise in the vicinity of the vessel	B		22.09.2022 20.09.2018
233 02.3-04	Safety requirements, 7.2.4.16.17	A		30.09.2014
Objective 2.4				
233 02.4-01	Over-filling	A		22.09.2022 10.12.2020
233 02.4-02	Over-filling	A		22.09.2022 10.12.2020
233 02.4-03	Over-filling	D		22.09.2022 10.12.2020
Objective 2.5				
233 02.5-01	Polymerization	C		22.09.2022 10.12.2020
233 02.5-02	Polymerization	B		22.09.2022 10.12.2020
233 02.5-03	Polymerization	D		22.09.2022 10.12.2020
