



Economic and Social Council

Distr.: General
25 July 2017

Original: English

Economic Commission for Europe

Inland Transport Committee

Working Party on Inland Water Transport

Sixty-first session

Geneva, 4-6 October 2017

Item 6 (c) of the provisional agenda

**Standardization of technical and safety requirements in inland navigation:
Recommendations on Harmonized Europe-Wide Technical Requirements
for Inland Navigation Vessels (Resolution No. 61, revised)**

Answers to the questionnaire on the technical prescriptions for vessels*

Note of the secretariat

I. Mandate

1. This document is submitted in line with cluster 5: Inland Waterway Transport, para. 5.1 of the programme of work 2016-2017 (ECE/TRANS/2016/28/Add.1) adopted by the Inland Transport Committee at its seventy-eighth session on 26 February 2016.
2. At its fiftieth session, the Working Party on the Standardization of Technical and Safety Requirements in Inland Navigation (SC.3/WP.3) asked the secretariat to prepare a detailed overview of the answers to the questionnaire circulated during the workshop on vessel safety regulations in the UNECE region (ECE/TRANS/SC.3/WP.3/100, para. 36). The overview of the answers received during the workshop is available in the report of the fiftieth session of SC.3/WP.3 (ECE/TRANS/SC.3/WP.3/100, paras. 32-35).
3. This document presents an analysis of the answers and, in the annex, the detailed answers (in their original language, English and Russian).

II. Analysis of the answers to the questionnaire

4. Fifteen participants replied, at least partially, to the questionnaire.

* Annex remains in English and Russian only.

5. As far as the hull material is concerned (Question 2), the Rules and Regulations are applied the most often for the hull made of steel and light alloys, while the regulations for hulls made of plastics (4 respondents) and reinforced concrete (1) need further development.
6. Rules and Regulations also cover such vessel types as tankers, vessels for the carriage of dangerous goods, tugs and pushers, passenger vessels, floating equipment (Question 3). There is a need for further development in relation to oil platforms and drilling units, traditional craft, floating hotels, restaurants, landing stages, etc., vessels over 110 m in length, gas carriers and sailing vessels.
7. According to most of the participants, the major themes that would need the improvement of the Rules and Regulations — operating instructions and instructions for surveyors, the Rules for surveys of vessels in operation and the Rules for repair and modernization of vessels (Question 4).
8. The situation regarding mandatory classification for inland vessels varies a lot; it seems that there is no common scheme on this subject (Question 5).
9. Concerning the authority that can assign and confirm the class to a vessel (Question 6), half of the answers pointed out that classification societies recognized by the Administration are in charge of this activity.
10. Concerning the preferable structure of the Rules and Regulations for vessels (Question 7), there is no clear trend, but “traditional” Rules and Regulations seem to fit with the majority of the respondents.
11. At the pan-European level, a majority of respondents consider that the Rules and Regulations for vessels should be fully harmonized (Question 8).
12. The topics that gathered the highest vote concerning the regulations that should be partly harmonized at the pan-European level (Question 9), were the freeboard and safety distance, and radio and navigation equipment.
13. A majority of respondents to Question 10 answered that international and/or basin regulations for vessels were applied, but with exemptions for particular types of vessels and/or particular rivers.
14. National regulations are applied the most often; they complete or replace international regulations (Question 11).
15. A majority of respondents to Question 12 answered that there were restrictions for the operation of older vessels.
16. For Questions 13 and 14, more answers would be necessary to get a first analysis on the topics of maximum age of vessels permitted for operation and how it is applied.

Annex

Results of the questionnaire on vessel safety regulations in the ECE region

[English and Russian only]

Workshop on "Vessel safety regulations in the UNECE region"

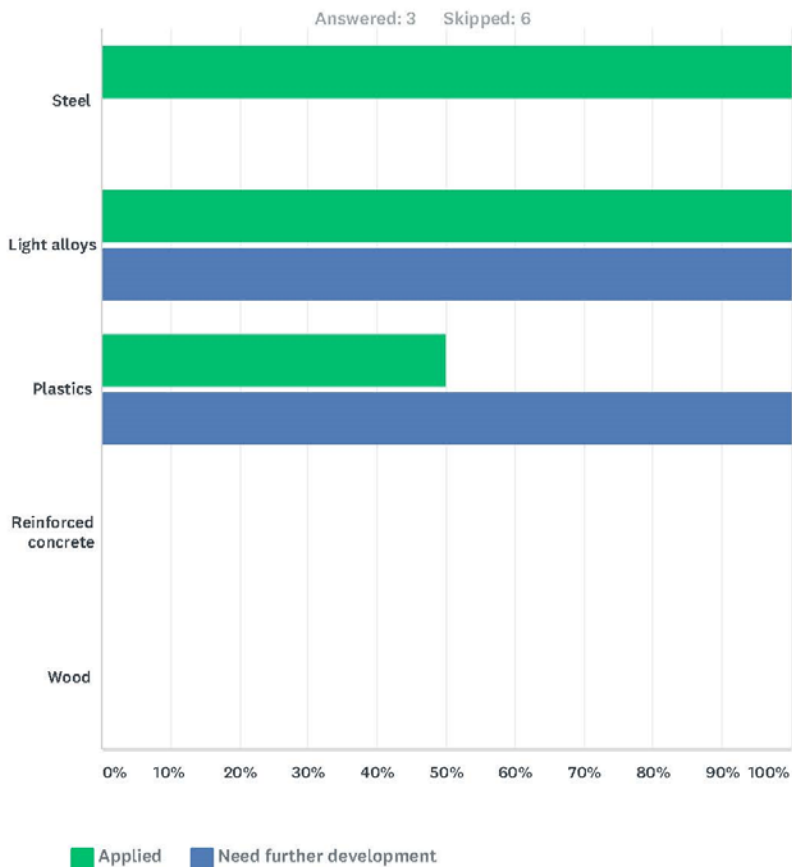
Q1 Please enter your contact details

Answered: 9 Skipped: 0

Answer Choices	Responses	
First Name Last Name	100.00%	9
Organisation/Company	100.00%	9
Address	0.00%	0
Address 2	0.00%	0
City/Town	0.00%	0
State/Province	0.00%	0
ZIP/Postal Code	0.00%	0
Country	77.78%	7
Email Address	100.00%	9
Phone Number	0.00%	0

Workshop on "Vessel safety regulations in the UNECE region"

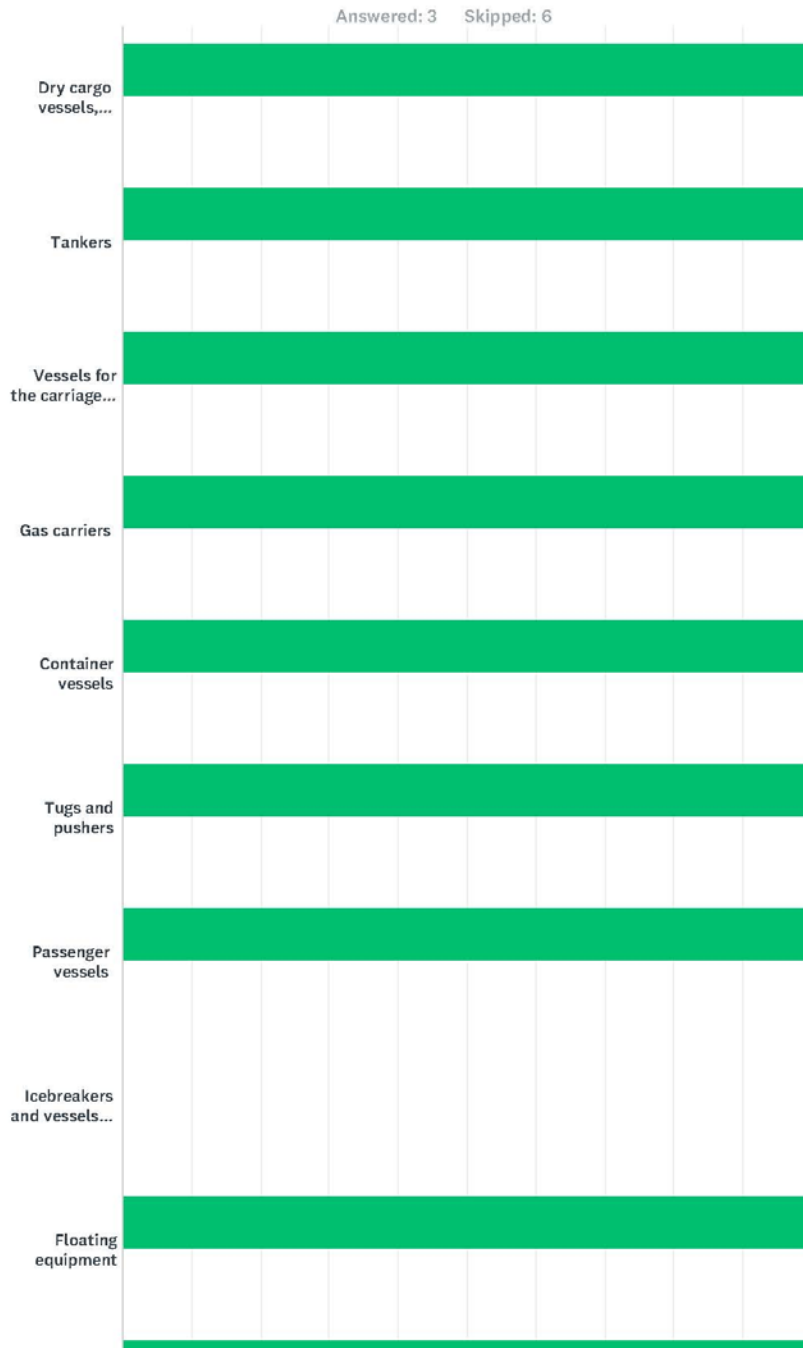
Q2 In your opinion, which Rules and Regulations are the most relevant for your national fleet, regarding hull material? Which Rules should be elaborated/further developed?

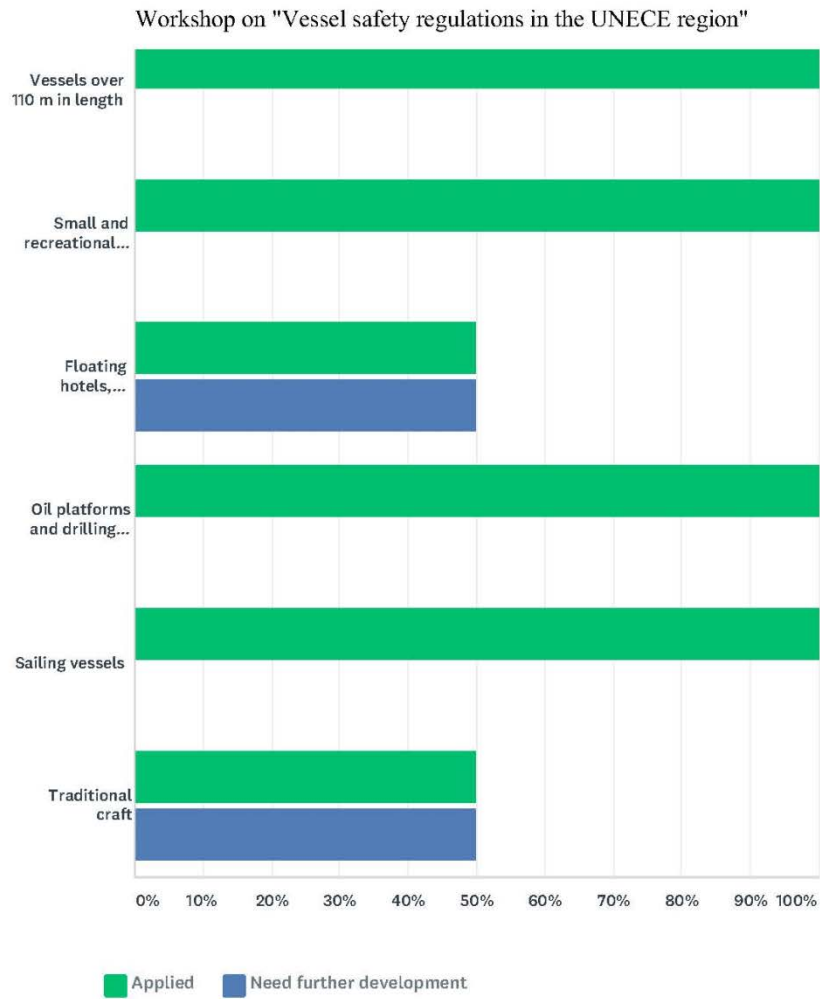


	Applied	Need further development	Total Respondents
Steel	100.00% 3	0.00% 0	3
Light alloys	100.00% 1	0.00% 0	1
Plastics	50.00% 1	50.00% 2	3
Reinforced concrete	0.00% 0	0.00% 0	0
Wood	0.00% 0	0.00% 0	0

Workshop on "Vessel safety regulations in the UNECE region"

Q3 In your opinion, which Rules and Regulations are the most relevant for your national fleet? Which Rules should be elaborated/further developed? Regarding:





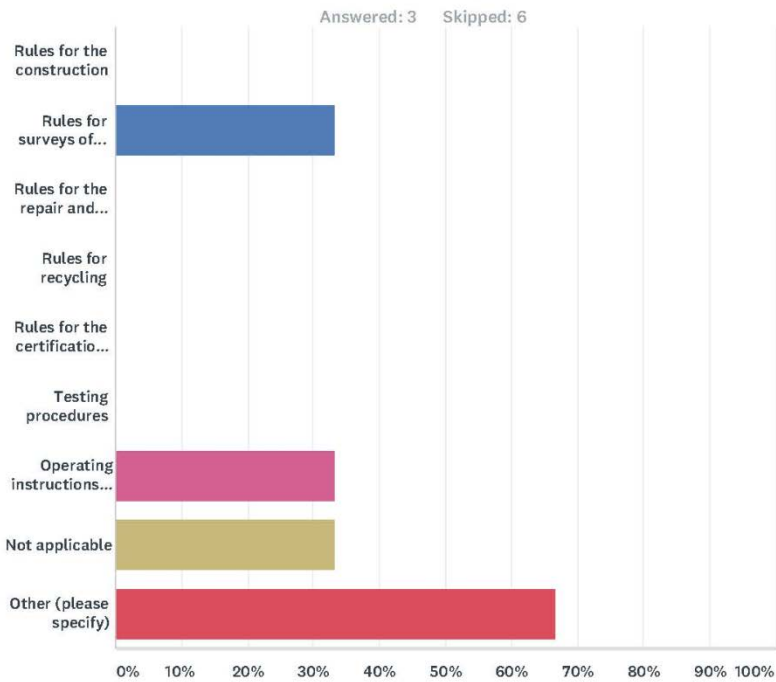
	Applied	Need further development	Total Respondents
Dry cargo vessels, bulkers	100.00% 1	0.00% 0	1
Tankers	100.00% 2	0.00% 0	2
Vessels for the carriage of dangerous goods	100.00% 2	0.00% 0	2
Gas carriers	100.00% 1	0.00% 0	1
Container vessels	100.00% 1	0.00% 0	1
Tugs and pushers	100.00% 2	0.00% 0	2
Passenger vessels	100.00% 2	0.00% 0	2

Workshop on "Vessel safety regulations in the UNECE region"

Icebreakers and vessels with ice reinforcements	0.00% 0	0.00% 0	0
Floating equipment	100.00% 2	0.00% 0	2
Vessels over 110 m in length	100.00% 2	0.00% 0	2
Small and recreational craft	100.00% 1	0.00% 0	1
Floating hotels, restaurants, landing stages, etc.	50.00% 1	50.00% 1	2
Oil platforms and drilling units	100.00% 1	0.00% 0	1
Sailing vessels	100.00% 1	0.00% 0	1
Traditional craft	50.00% 1	50.00% 1	2

Workshop on "Vessel safety regulations in the UNECE region"

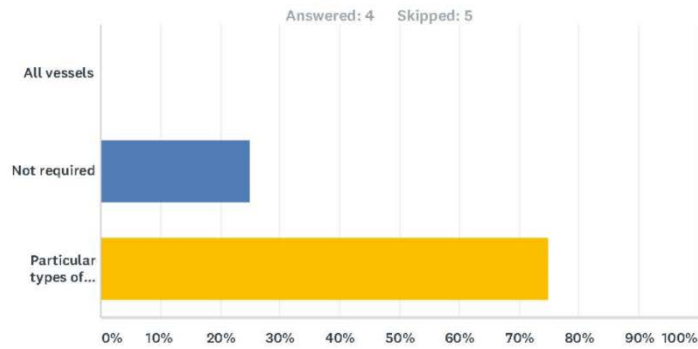
Q4 In your opinion, which Rules and Regulations for vessels need further development:



Answer Choices	Responses	
Rules for the construction	0.00%	0
Rules for surveys of vessels in operation	33.33%	1
Rules for the repair and modernization	0.00%	0
Rules for recycling	0.00%	0
Rules for the certification of materials and equipment	0.00%	0
Testing procedures	0.00%	0
Operating instructions, instructions for surveyors	33.33%	1
Not applicable	33.33%	1
Other (please specify)	66.67%	2
Total Respondents: 3		

Workshop on "Vessel safety regulations in the UNECE region"

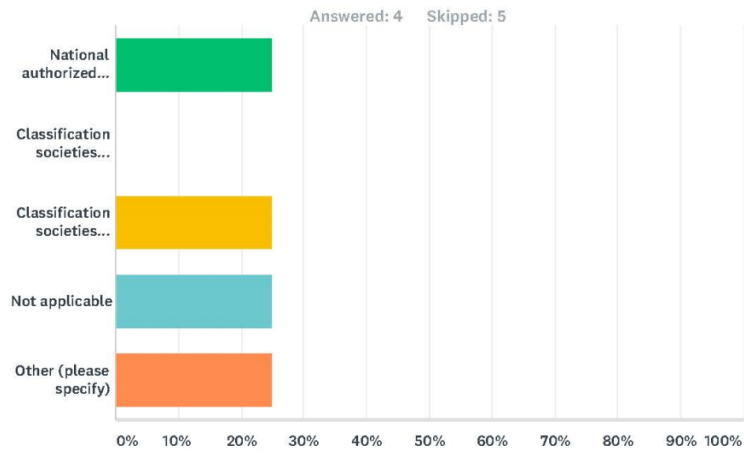
Q5 Do inland vessels require mandatory classification in your country/river basin?



Answer Choices	Responses	
All vessels	0.00%	0
Not required	25.00%	1
Particular types of vessels (please specify)	75.00%	3
Total		4

Workshop on "Vessel safety regulations in the UNECE region"

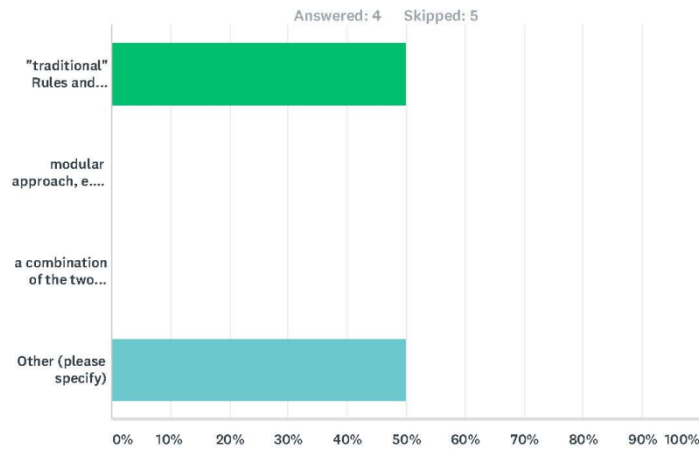
Q6 Who is authorized to assign and confirm the class to a vessel?



Answer Choices	Responses	
National authorized classification body (bodies)	25.00%	1
Classification societies recommended by the ADN Administrative Committee	0.00%	0
Classification societies recognized by the Administration	25.00%	1
Not applicable	25.00%	1
Other (please specify)	25.00%	1
Total		4

Workshop on "Vessel safety regulations in the UNECE region"

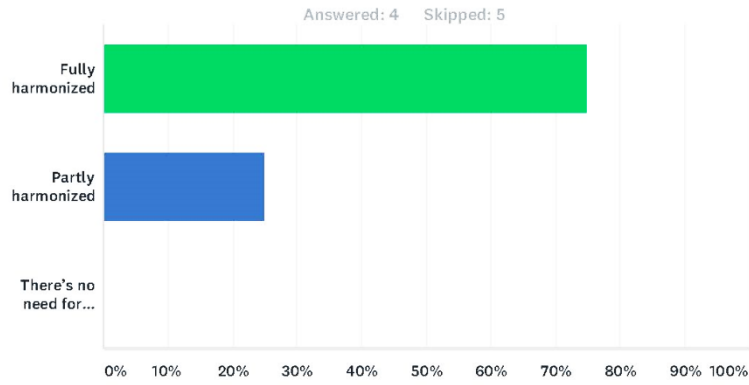
Q7 In your opinion, what structure of Rules and Regulations for vessels would be preferable:



Answer Choices	Responses
"traditional" Rules and Regulations	50.00% 2
modular approach, e.g. a basic set of minimal safety requirements and supplementary modules for particular navigation zones, particular vessel types, etc.	0.00% 0
a combination of the two approaches	0.00% 0
Other (please specify)	50.00% 2
Total	4

Workshop on "Vessel safety regulations in the UNECE region"

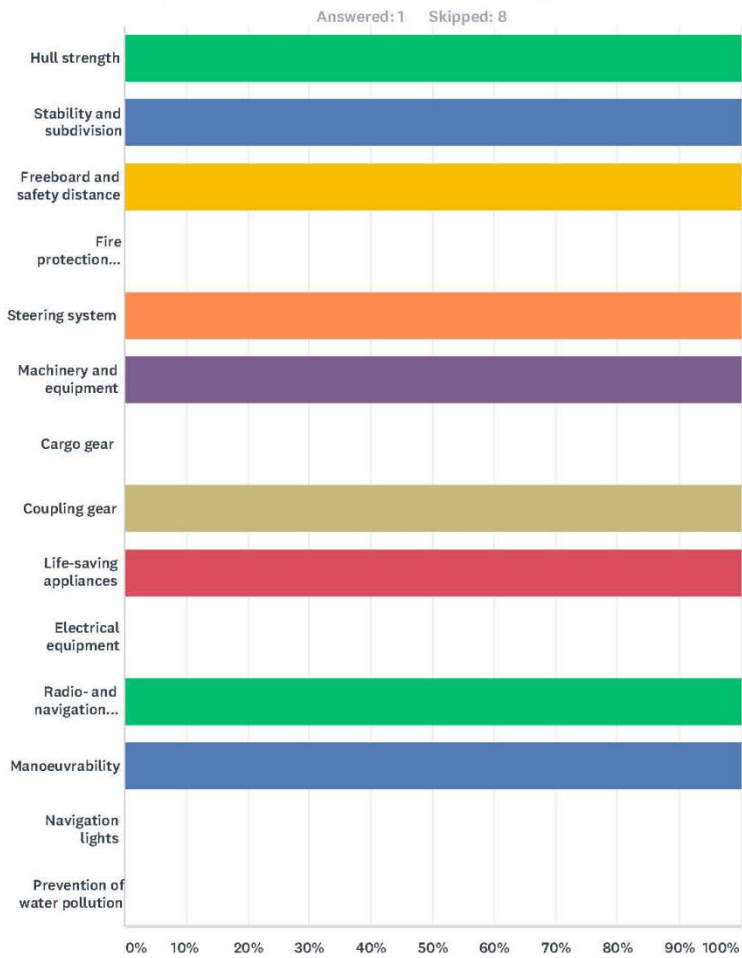
Q8 In your opinion, at the pan-European level, the Rules and Regulations for vessels should be:



Answer Choices	Responses	
Fully harmonized	75.00%	3
Partly harmonized	25.00%	1
There's no need for harmonization	0.00%	0
Total		4

Workshop on "Vessel safety regulations in the UNECE region"

Q9 In your opinion, should the Rules be partly harmonized at the pan-European level in regard of:



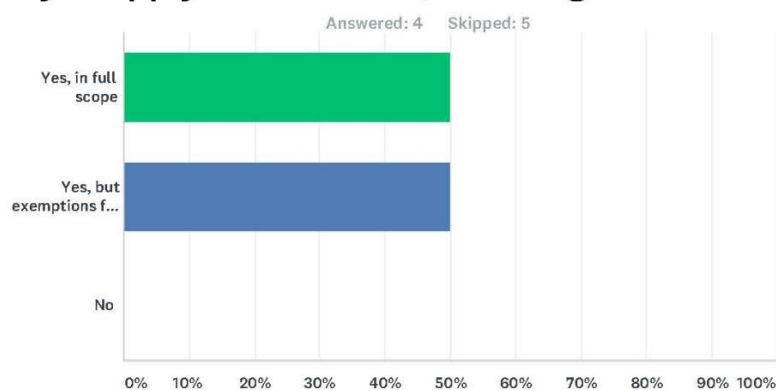
Answer Choices	Responses
Hull strength	100.00% 1
Stability and subdivision	100.00% 1
Freeboard and safety distance	100.00% 1
Fire protection (structural and equipment)	0.00% 0
Steering system	100.00% 1

Workshop on "Vessel safety regulations in the UNECE region"

Machinery and equipment	100.00%	1
Cargo gear	0.00%	0
Coupling gear	100.00%	1
Life-saving appliances	100.00%	1
Electrical equipment	0.00%	0
Radio- and navigation equipment	100.00%	1
Manoeuvrability	100.00%	1
Navigation lights	0.00%	0
Prevention of water pollution	0.00%	0
Total Respondents: 1		

Workshop on "Vessel safety regulations in the UNECE region"

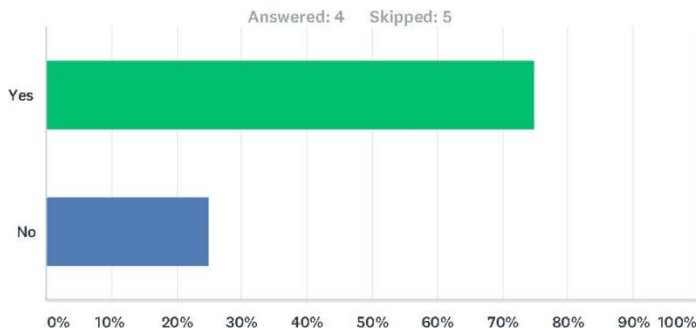
Q10 Do you apply international/basin regulations for vessels?



Answer Choices	Responses
Yes, in full scope	50.00% 2
Yes, but exemptions for particular types of vessels/particular rivers are made	50.00% 2
No	0.00% 0
Total	4

Workshop on "Vessel safety regulations in the UNECE region"

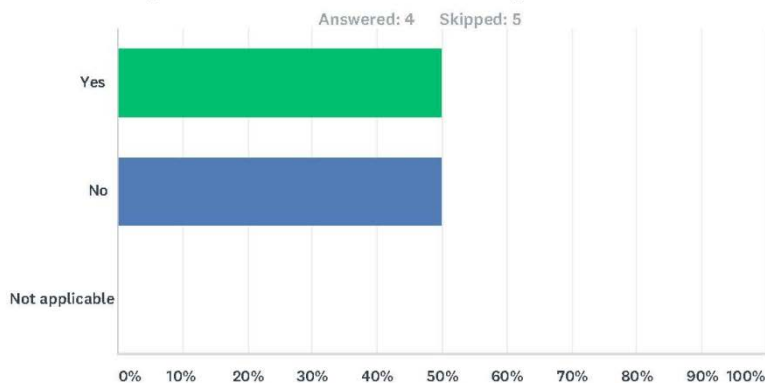
Q11 Do you apply national regulations, instead of or in addition to international regulations?



Answer Choices	Responses	
Yes	75.00%	3
No	25.00%	1
Total		4

Workshop on "Vessel safety regulations in the UNECE region"

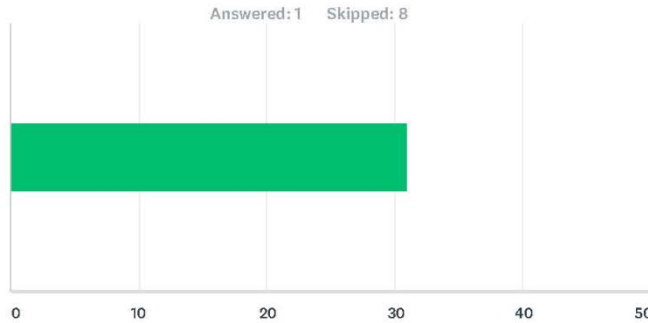
Q12 Are there any restrictions for the operation of the aged fleet?



Answer Choices	Responses	
Yes	50.00%	2
No	50.00%	2
Not applicable	0.00%	0
Total		4

Workshop on "Vessel safety regulations in the UNECE region"

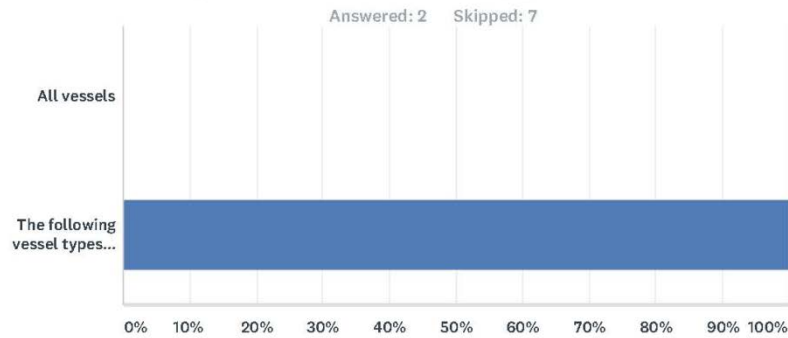
Q13 What is the maximum age of vessels permitted for operation (if applicable)?



Answer Choices	Average Number	Total Number	Responses
	31	31	1
Total Respondents: 1			

Workshop on "Vessel safety regulations in the UNECE region"

Q14 The maximum age of vessels permitted for operation specified above is applied for:



Answer Choices	Responses
All vessels	0.00% 0
The following vessel types only (please specify):	100.00% 2
Total	2