

**Working Group on the Development of a new Strategic Framework**

**2nd session**

**29 June – 1 July 2016**

**Table 1: Summary of discussion**

	Does the development fit with the IMO mission areas? If so, how?	Does the development significantly impact the Member States? If so, how?	Is the development likely to occur in the next six-year period? If so, when?	If IMO were to address the development, would it be able to make a significant difference? If so, how?
1. Development and review of IMO regulations	✓	✓	Ongoing	IMO is the leading entity – internal issue
2. Assessing the effectiveness of IMO regulations	✓	✓	Ongoing with increasing need	IMO is the leading entity – internal issue
3. Improving the IMO's working practices	✓	✓	Ongoing	IMO is the leading entity – internal issue
4. Uniform Implementation	✓	✓	Ongoing with increasing need	IMO is the leading entity – internal issue
5. Reduction of administrative burdens	✓	✓	Ongoing	IMO is the leading entity – internal issue
6. Electronic transmission of information, including electronic certificates	✓	✓	Ongoing development	IMO can have a significant impact on the development – IMO is the leading entity
7. Single Window Approach	✓	✓	Ongoing development	IMO can have a significant impact on the development – IMO is the leading entity
8. Security	✓	✓	Ongoing development	IMO can have some impact on the development – IMO is a supporting entity
9. Infrastructure facilities	✓	✓	Ongoing development	IMO can have limited impact on the development – mainly in the

	Does the development fit with the IMO mission areas? If so, how?	Does the development significantly impact the Member States? If so, how?	Is the development likely to occur in the next six-year period? If so, when?	If IMO were to address the development, would it be able to make a significant difference? If so, how?
				area of capacity building and technical cooperation
10. Safe ship operation and navigation	✓	✓	Ongoing development	IMO can have a significant impact on the development – IMO is the leading entity
11. Utilization of big data	✓	✓	Ongoing development and increasing	IMO can have some impact on the development – overarching topic
12. Automation and remote operations	✓	✓	Ongoing development and development related to autonomous ships likely to increase	IMO could have a significant impact in respect of this issue. IMO will need to monitor the development, in respect of the potential impacts on safety, environmental protection as well as legal and liability issues.
13. <u>Cybersecurity risks</u>	✓	✓	Ongoing development	IMO can have some impact on the development – IMO is a supporting entity
14. Hydrographic surveys and nautical chart	✓	✓	Ongoing development	IMO can have some impact on the development – IMO is a supporting entity and recognises the role of IHO and the Member States
15. Ship design and ship building	✓	✓	Ongoing development	IMO can have a significant impact on the

	Does the development fit with the IMO mission areas? If so, how?	Does the development significantly impact the Member States? If so, how?	Is the development likely to occur in the next six-year period? If so, when?	If IMO were to address the development, would it be able to make a significant difference? If so, how?
				development in particular in the field of emerging and innovative technologies – IMO is the leading entity
16. Propulsion systems and alternative fuels	✓	✓	Ongoing development, but increasing in importance	IMO can have a significant impact on the development in particular in the field of emerging and innovative technologies – IMO is the leading entity
17. Pollution from Maritime Transport Activities Marine pollution	✓	✓	Ongoing development	IMO can have a significant impact – IMO is the leading entity
18. Air pollution and energy efficiency	✓	✓	Ongoing development, but increasing in importance	IMO can have a significant impact on the development – IMO is the leading entity
19. Emerging environmental issues developments	✓	✓	Ongoing issue that can be used as tool to inform issues 17 and 18	IMO can have some impact but recognises that IMO also relies upon and responds to information/ data from external sources
20. Crewing and fatigue	✓	✓	Ongoing development	IMO could have a significant impact – recognising that Member States currently have the leading role

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20 bis. Fatigue	✓	✓	Ongoing development	IMO could have some impact recognising that fatigue is a multi-faceted issue.
21. Seafarer demand and possible manpower gap	✓	✓	Ongoing development	IMO has little impact on the development – IMO has a promotional role to play
22. Seafarer education and training	✓	✓	Ongoing development	IMO can have a significant impact on the development – IMO is the leading entity
23. [Ocean Governance]  [Sustainable development of activities in the marine space]	✓	✓	Ongoing development, but increasing in importance	IMO can have some impact on the development – IMO is a supporting entity
24. Participation in and coordination with UN initiatives	✓	✓	Ongoing development, but increasing in importance	IMO can have some impact on the development – IMO is a supporting entity

**Table 2: Summary of discussion by connected development**

	Does the development fit with the IMO mission areas? If so, how?	Does the development significantly impact the Member States? If so, how?	Is the development likely to occur in the next six-year period? If so, when?	If IMO were to address the development, would it be able to make a significant difference? If so, how?
1. Development and review of IMO regulations	✓	✓	Ongoing	IMO is the leading entity – internal issue
2. Assessing the effectiveness of IMO regulations	✓	✓	Ongoing with increasing need	IMO is the leading entity – internal issue
3. Improving the IMO's working practices	✓	✓	Ongoing	IMO is the leading entity – internal issue
4. Uniform Implementation	✓	✓	Ongoing with increasing need	IMO is the leading entity – internal issue
5. Reduction of administrative burdens	✓	✓	Ongoing	IMO is the leading entity – internal issue
11. Utilization of big data	✓	✓	Ongoing development and increasing	IMO can have some impact on the development – overarching topic
6. Electronic transmission of information, including electronic certificates	✓	✓	Ongoing development	IMO can have a significant impact on the development – IMO is the leading entity
7 Single Window Approach	✓	✓	Ongoing development	IMO can have a significant impact on the development – IMO is the leading entity
8. Security	✓	✓	Ongoing development	IMO can have some impact on the development – IMO is a supporting entity
9. Infrastructure facilities	✓	✓	Ongoing development	IMO can have limited impact on the development

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				– mainly in the area of capacity building and technical cooperation
10. Safe ship operation and navigation	✓	✓	Ongoing development	IMO can have a significant impact on the development – IMO is the leading entity
12. Automation and remote operations	✓	✓	Ongoing development and development related to autonomous ships likely to increase	IMO could have a significant impact in respect of this issue. IMO will need to monitor the development, in respect of the potential impacts on safety, environmental protection as well as legal and liability issues.
12. Automation and remote operations	✓	✓	Ongoing development and development related to autonomous ships likely to increase	IMO could have a significant impact in respect of this issue. IMO will need to monitor the development, in respect of the potential impacts on safety, environmental protection as well as legal and liability issues.
15. Ship design and ship building	✓	✓	Ongoing development	IMO can have a significant impact on the development in particular in the

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				field of emerging and innovative technologies – IMO is the leading entity
16. Propulsion systems and alternative fuels	✓	✓	Ongoing development, but increasing in importance	IMO can have a significant impact on the development in particular in the field of emerging and innovative technologies – IMO is the leading entity
13. <u>Cybersecurity risks</u>	✓	✓	Ongoing development	IMO can have some impact on the development – IMO is a supporting entity
14. Hydrographic surveys and nautical chart	✓	✓	Ongoing development	IMO can have some impact on the development – IMO is a supporting entity and recognises the role of IHO and the Member States
17. Pollution from Maritime Transport Activities <del>Marine pollution</del>	✓	✓	Ongoing development	IMO can have a significant impact – IMO is the leading entity
18. Air pollution and energy efficiency	✓	✓	Ongoing development, but increasing in importance	IMO can have a significant impact on the development – IMO is the leading entity

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19. Emerging environmental issues developments	✓	✓	Ongoing issue that can be used as tool to inform issues 17 and 18	IMO can have some impact but recognises that IMO also relies upon and responds to information/ data from external sources
20. Crewing and fatigue	✓	✓	Ongoing development	IMO could have a significant impact – recognising that Member States currently have the leading role
20 bis. Fatigue	✓	✓	Ongoing development	IMO could have some impact recognising that fatigue is a multi-faceted issue.
21. Seafarer demand and possible manpower gap	✓	✓	Ongoing development	IMO has little impact on the development – IMO has a promotional role to play
22. Seafarer education and training	✓	✓	Ongoing development	IMO can have a significant impact on the development – IMO is the leading entity
23. [Ocean Governance] [Sustainable development of activities in the marine space]	✓	✓	Ongoing development, but increasing in importance	IMO can have some impact on the development – IMO is a supporting entity
24. Participation in and coordination	✓	✓	Ongoing development,	IMO can have some impact on the development



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with UN initiatives			but increasing in importance	– IMO is a supporting entity

**Table 3: Summary of discussion listed into three categories – significant / some/ little impact**

		Does the development fit with the IMO mission areas? If so, how?	Does the development significantly impact the Member States? If so, how?	Is the development likely to occur in the next six-year period? If so, when?	If IMO were to address the development, would it be able to make a significant difference? If so, how?
Significant impact	1. Development and review of IMO regulations	✓	✓	Ongoing	IMO is the leading entity – internal issue
	2. Assessing the effectiveness of IMO regulations	✓	✓	Ongoing with increasing need	IMO is the leading entity – internal issue
	3. Improving the IMO's working practices	✓	✓	Ongoing	IMO is the leading entity – internal issue
	4. Uniform Implementation	✓	✓	Ongoing with increasing need	IMO is the leading entity – internal issue
	5. Reduction of administrative burdens	✓	✓	Ongoing	IMO is the leading entity – internal issue
	6. Electronic transmission of information, including electronic certificates	✓	✓	Ongoing development	IMO can have a significant impact on the development – IMO is the leading entity
	7 Single Window Approach	✓	✓	Ongoing development	IMO can have a significant impact on the development – IMO is the leading entity
	10. Safe ship operation and navigation	✓	✓	Ongoing development	IMO can have a significant impact on the development – IMO is the leading entity
	12. Automation and remote operations	✓	✓	Ongoing development and development	IMO could have a significant impact in

		Does the development fit with the IMO mission areas? If so, how?	Does the development significantly impact the Member States? If so, how?	Is the development likely to occur in the next six-year period? If so, when?	If IMO were to address the development, would it be able to make a significant difference? If so, how?
				related to autonomous ships likely to increase	respect of this issue. IMO will need to monitor the development, in respect of the potential impacts on safety, environmental protection as well as legal and liability issues.
	15. Ship design and ship building	✓	✓	Ongoing development	IMO can have a significant impact on the development in particular in the field of emerging and innovative technologies – IMO is the leading entity
	16. Propulsion systems and alternative fuels	✓	✓	Ongoing development, but increasing in importance	IMO can have a significant impact on the development in particular in the field of emerging and innovative technologies – IMO is the leading entity
	17. Pollution from Maritime Transport Activities <del>Marine pollution</del>	✓	✓	Ongoing development	IMO can have a significant impact – IMO is the leading entity
	18. Air pollution and energy efficiency	✓	✓	Ongoing development, but increasing in importance	IMO can have a significant impact on the development –

		Does the development fit with the IMO mission areas? If so, how?	Does the development significantly impact the Member States? If so, how?	Is the development likely to occur in the next six-year period? If so, when?	If IMO were to address the development, would it be able to make a significant difference? If so, how?
					IMO is the leading entity
	20. Crewing and fatigue	✓	✓	Ongoing development	IMO could have a significant impact – recognising that Member States currently have the leading role
	22. Seafarer education and training	✓	✓	Ongoing development	IMO can have a significant impact on the development – IMO is the leading entity
Some impact	8. Security	✓	✓	Ongoing development	IMO can have some impact on the development – IMO is a supporting entity
	11. Utilization of big data	✓	✓	Ongoing development and increasing	IMO can have some impact on the development – overarching topic
	13. Cybersecurity risks	✓	✓	Ongoing development	IMO can have some impact on the development – IMO is a supporting entity
	14. Hydrographic surveys and nautical chart	✓	✓	Ongoing development	IMO can have some impact on the development – IMO is a supporting entity and

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					recognises the role of IHO and the Member States
	19. Emerging environmental issues developments	✓	✓	Ongoing issue that can be used as tool to inform issues 17 and 18	IMO can have some impact but recognises that IMO also relies upon and responds to information/data from external sources
	20 bis. Fatigue	✓	✓	Ongoing development	IMO could have some impact recognising that fatigue is a multi-faceted issue.
	23. [Ocean Governance] [Sustainable development of activities in the marine space]	✓	✓	Ongoing development, but increasing in importance	IMO can have some impact on the development – IMO is a supporting entity
	24. Participation in and coordination with UN initiatives	✓	✓	Ongoing development, but increasing in importance	IMO can have some impact on the development – IMO is a supporting entity
Little impact	9. Infrastructure facilities	✓	✓	Ongoing development	IMO can have limited impact on the development – mainly in the area of capacity building and technical cooperation

		Does the development fit with the IMO mission areas? If so, how?	Does the development significantly impact the Member States? If so, how?	Is the development likely to occur in the next six-year period? If so, when?	If IMO were to address the development, would it be able to make a significant difference? If so, how?
	21. Seafarer demand and possible manpower gap	✓	✓	Ongoing development	IMO has little impact on the development – IMO has a promotional role to play