

### Annex III – Output table

S/N	Subject Matter	Regulation (ISBA/25/C/WP.1)	Reference sources	Priority <sup>4</sup>	Indicative timeline
<b>PERFORMANCE STANDARDS</b>					
1.	<p><b>Assessment framework</b></p> <p>Guidelines (generic) for a risk-based approach to the development and assessment of environmental thresholds and indicators</p>	Annex VII	<p>EU updated BREF upstream hydrocarbons (<a href="http://ec.europa.eu/environment/integration/energy/hydrocarbons_extraction_en.htm">http://ec.europa.eu/environment/integration/energy/hydrocarbons_extraction_en.htm</a>) + gap analysis (document provided in attachment), useful also for definitions of BAT, BIP etc.</p> <p>EU updated BREF Mining waste, from extractive industry (<a href="https://ec.europa.eu/jrc/en/publication/euro-scientific-and-technical-research-reports/best-available-techniques-bat-reference-document-management-waste-extractive-industries">https://ec.europa.eu/jrc/en/publication/euro-scientific-and-technical-research-reports/best-available-techniques-bat-reference-document-management-waste-extractive-industries</a>)</p>	[1]	
<b>PLAN OF WORK / EXPLOITATION CONTRACT</b>					
2.	<p><b>Preparation of an application</b></p> <p>Guidelines for the preparation and assessment of an application for the approval of a plan of work for exploitation</p>	DR7, DR13–16, DR25 and annexes I–III	Derive from applications for exploration	[1]	
3.	<p><b>Use of exploitation contract as security</b></p> <p>Guidelines for the application and assessment for use of an exploitation contract as security</p>	DR22		[2]	
4.	<p><b>Insurance</b></p> <p>Guidelines for insurance requirements under an exploitation contract and placing of insurance risk</p>	DR 36		[1]	
5.	<p><b>Modification</b></p> <p>Guidelines for the process modifying a plan of work and on the meaning of material change</p>	DR 25 and DR 57	<p>DIRECTIVE 2013/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 12 June 2013 on safety of offshore oil and gas operations and amending Directive 2004/35/EC <b>art 30</b></p>	[2]	

6.	<b>Training</b> Guidelines for the preparation of training plans and capacity-building	DR 7(3)(g)	Derive from training in exploration plans of work + consider <b>IMO STWC</b> convention for training of trainees before going onboard a vessel	Ongoing	
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<sup>4</sup> Indicative development priority:

- [1] Documents to be put in place (or largely complete) by the time of the adoption of the draft regulations (July 2020);
- [2] Documents to be put in place prior to the receipt of and consideration of a plan of work for exploitation; and
- [3] Documents to be put in place before monitoring or mining activities commence in the Area.

<b>SAFETY, LABOUR AND HEALTH<sup>5</sup></b>					
7.	<b>Management systems</b> Guidelines for the application of health and safety management systems	DR 30(6)	Health and safety Executive International Marine Contractors Association <a href="https://www.imca-int.com/">https://www.imca-int.com/</a>	[1]	
8.	<b>Safe operation</b> Guidelines for the safe management and operation of mining support vessels	DR 30 and DR 32		[1]	
9.	<b>Maritime security</b> Health, safety and maritime security plan	Annex VI	HSE best practices	[1]	
<b>SEABED MAPPING</b>					
10.	<b>Mapping</b> Guidelines for mapping seabed habitats and resources in the Area	Not applicable	No standardized classification. Consider existing guidelines and documentation from Geohab Group <a href="http://geohab.org/">http://geohab.org/</a> and ICES WG on habitat mapping ( <a href="http://ices.dk/sites/pub/Publication%20Reports/Expert%20Group%20Report/SSGEPI/2017/01%20WGMHM%20-%20Report%20of%20the%20Working%20Group%20on%20Marine%20Habitat%20Mapping.pdf">http://ices.dk/sites/pub/Publication%20Reports/Expert%20Group%20Report/SSGEPI/2017/01%20WGMHM%20-%20Report%20of%20the%20Working%20Group%20on%20Marine%20Habitat%20Mapping.pdf</a> ) or AORA <a href="https://www.atlanticresource.org/aora/site-area/research-themes/habitat-mapping/seabed-and-benthic-habitat-mapping">https://www.atlanticresource.org/aora/site-area/research-themes/habitat-mapping/seabed-and-benthic-habitat-mapping</a>	[2 but relevant?]	
<b>ENVIRONMENTAL ASSESSMENT</b>					
11.	<b>Scoping reports</b> Guidelines for the preparation of scoping reports	Not applicable		N/A	
12.	<b>Baseline data</b> Guidelines on the expected scope and standard of baseline data collection	Annex IV	OGC standards for metadata and data services <a href="https://www.opengeospatial.org/standards">https://www.opengeospatial.org/standards</a>	[1]	

15.	<b>Risk assessment</b> Guidelines on tools and techniques for hazard identification and risk assessment	Not applicable	See HAZID, e.g. <a href="https://www.nopsema.gov.au/assets/Guidance-notes/A462124.pdf">https://www.nopsema.gov.au/assets/Guidance-notes/A462124.pdf</a>	[1]	
16.	<b>Impact assessment</b> Guidelines for environmental impact assessment and preparation of an environmental impact statement	DR 47 and Annex IV	See ENVID, e.g. <a href="https://www.iema.net/assets/uploads/EIA%20Q%20Mark%20Presentations/rebecca20hewlett-xodus20group.pdf">https://www.iema.net/assets/uploads/EIA%20Q%20Mark%20Presentations/rebecca20hewlett-xodus20group.pdf</a>	[1]	
<b>ENVIRONMENTAL MANAGEMENT AND MONITORING</b>					
17.	<b>Management system</b> Guidelines for the development and application of environmental management systems	DR 46 and Annex VII		[2]	
18.	<b>Management plan</b> Guidelines for the preparation of environmental management and monitoring plans	DR 48 and Annex VII		[2]	
19.	<b>Monitoring</b> Guidelines for the monitoring and evaluation of and reporting of results for the environmental effects of activities in the Area	DR 51(a) and Annex VII		[3]	
20.	<b>Pollution</b> Guidelines for the control of pollution	DR 49	MARPOL, HELCOM Conventions, London Protocol DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions (integrated pollution prevention and control)	IMO discussion	
21.	<b>Closure</b> Guidelines for the preparation of closure plans and post-closure monitoring and evaluation	Part VI	DIRECTIVE 2013/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 12 June 2013 on safety of offshore oil and gas operations and amending Directive 2004/35/EC and national applications such as UK ( <a href="https://www.ogauthority.co.uk/decommissioning/">https://www.ogauthority.co.uk/decommissioning/</a> ), Italy (in Italian, provided in attachment, if needed translation will be offered)	[3]	

22.	<b>Environmental guarantee</b> Guidelines for the form and calculation of an environmental performance guarantee	DR 26		[3]	
<b>TRANSPARENCY IN ENVIRONMENTAL DECISION MAKING</b>					
23.	<b>Access to data</b> Guidelines for access to environmental data and information	DR 2(e)(v)	OGS standards as before, NOAA guidelines ( <a href="https://www.nap.edu/catalog/12017/environmental-data-management-at-noaa-archiving-stewardship-and-access">https://www.nap.edu/catalog/12017/environmental-data-management-at-noaa-archiving-stewardship-and-access</a> ), INSPIRE EU Directive ( <a href="https://inspire.ec.europa.eu/quick-overview-implementers/57528">https://inspire.ec.europa.eu/quick-overview-implementers/57528</a> ) – very hard to follow compliance	[1]	
24.	<b>Participation</b> Guidelines for procedures for stakeholder participation in activities in the Area	DR 2(e)(vii) and DR 11(1)(a)		[2]	

<b>OTHER USERS OF THE MARINE ENVIRONMENT</b>					
25.	<b>Reasonable regard</b> Guidelines for the practical application of reasonable regard for other activities in the marine environment	DR 31	See principles contained in <b>DIRECTIVE 2014/89/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL</b> of 23 July 2014 establishing a framework for maritime spatial planning	[2]	
26.	<b>Marine Scientific Research</b> Guidelines on protocols for the conduct of marine scientific research in the Area	DR 1(4)	InterRidge code of conduct <a href="https://www.interridge.org/node/16908">https://www.interridge.org/node/16908</a>	[2]	
<b>EMERGENCY RESPONSE AND INCIDENTS</b>					
27.	<b>Emergency response plans</b> Guidelines for the preparation and implementation of an emergency response and contingency plan	DR 33, DR 53 and Annex V		[1]	
<b>BOOKS, RECORDS AND SAMPLES</b>					
28.	<b>Records and samples</b> Guidelines for the keeping of books, records and samples	DR 39 and DR 74	<b>IMO SOLAS Annex II IODP for sediment samples</b> ( <a href="https://www.iodp.org/top-resources/program-documents/policies-and-guidelines/519-iodp-sample-data-and-obligations-policy-implementation-guidelines-may-2018-for-expeditions-starting-october-2018-and-later/file">https://www.iodp.org/top-resources/program-documents/policies-and-guidelines/519-iodp-sample-data-and-obligations-policy-implementation-guidelines-may-2018-for-expeditions-starting-october-2018-and-later/file</a> ) Industry does not have good best practices for data conservation and preservation	[3]	
29.	<b>Accounting principles</b> Guidelines on internationally accepted accounting principles	DR 74(2)		[3]	
<b>CONCEPTS AND DEFINITIONS</b>					
30.	<b>Good industry practice</b> Guidelines for the application of good industry practice	Schedule 1		[1]	
31.	<b>Best available techniques</b> Guidelines on the application of best available techniques	DR 44(b) and Schedule 1		[2]	

32.	<b>Best environmental practice</b> Guidelines on the application of best environmental practice	DR 44(b) and Schedule 1		[2]	
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33.	<b>Best available scientific evidence</b> Guidelines on the application of best available scientific evidence	DR 44(c) and Schedule 1		[2]	
34.	<b>Commercial production</b> Guidelines on criteria for determining the date of commercial production	Schedule 1		[1]	
35.	<b>Serious harm</b> Guidelines on the interpretation of serious harm	Schedule 1		[3]	
36.	<b>Change of control</b> Guidelines on a change of control	DR 24		[3]	
37.	<b>Risk of incidents</b> Guidelines on the interpretation of “as much as reasonably practicable”	DR 32		[2]	
<b>PLAN OF WORK/EXPLOITATION CONTRACT</b>					
38.	<b>Renewal</b> Guidelines for the preparation and assessment of an application to renew an exploitation contract	DR 20		[3]	
39.	<b>Transfer of rights and obligations</b> Guidelines for the application and assessment on the transfer of rights and obligations under an exploitation contract	DR 23		[3]	
40.	<b>Annual and other reporting</b> Guidelines for annual and other reporting requirements under an exploitation contract	DR 38		[3]	
41.	<b>Review</b> Guidelines for the review of activities under a plan of work	DR 58		[3]	



42.	<b>Expiration of contract</b> Guidelines on information to be submitted upon expiration of an exploitation contract	DR 91		[3]	
<b>LABOUR</b>					
43.	<b>Labour</b> Guidelines for the adoption of international labour rules and standards	DR 30		To advance with IMO/ILO	
<b>SAFETY, LABOUR AND HEALTH</b>					
44.	<b>Safety assessment</b> Guidelines for formal safety assessment	Not applicable		[2] to advance with IMO	
<b>ENVIRONMENTAL MANAGEMENT AND MONITORING</b>					
45.	<b>Technology</b> Guidelines for the use of remote monitoring technology	DR 102		[3]	
46.	<b>Performance Assessment</b> Guidelines on the conduct of performance assessments	DR 52		[3]	
47.	<b>Adaptive management</b> Guidelines on the use of adaptive management measures	Annex VII		[2]	
<b>EMERGENCY RESPONSE AND INCIDENTS</b>					
48.	<b>Notifiable events</b> Guidelines for protocols relating to notifiable events	DR 34		[3]	
<b>FINANCIAL TERMS</b>					
49.	<b>Royalty returns</b> Guidelines for the preparation and processing of royalty returns	DR 64 and Appendix IV		[3]	

**COMPLIANCE AND ENFORCEMENT**

50.	<b>Compliance</b> Guidelines for plan of work compliance			[3]	
51.	<b>Enforcement and penalties</b> Guidelines for enforcement under the regulations and the setting and application of monetary penalties	DR 103(6)		[2]	