
MSP Technical Working Group (TWG)

Meeting #8

Tuesday 5 June 2018

0900-1600 hrs

Location: Savoy Hotel, Beau Vallon, Mahe

Minutes

Meeting Objectives:

1. Inception of new TWGs, confirm new membership and review Terms of Reference
2. To receive an update on the MSP process
3. To identify high priority areas for biodiversity and sectors using participatory mapping
4. To develop draft Allowable Activities Tables and Management Considerations for proposed areas for Phase 2 – Milestone 2

Member Attendance:

Amit Wasserberg- Seychelles Hospitality and Tourism Association- Tourism TWG
Andy Rylance- GoS-UNDP-GEF Protected Areas Finance Project- Financing and Implementation TWG
Ashely Dias- Biodiversity Conservation Section (MEECC)- Terrestrial Ecology TWG
Betty Victor - UNDP Ecosystem Based Adaptation Project- Energy and Infrastructure TWG
Bruno Senterre- Plant Conservation Action Group- Terrestrial Ecology TWG
Chris Mason-Parker- Global Vision International- Marine Ecology TWG
Christian Barbe- Blue Economy Department- Fisheries TWG
Cindy Moka- Seychelles Heritage Foundation- Tourism TWG
Daig Romain- GoS-UNDP-GEF Protected Areas Finance Project- Financing and Implementation TWG
David Rowat- Marine Conservation Society Seychelles- Marine Ecology TWG
Emmanuel Chassot- consultant SFA – Fisheries TWG
Isabelle Ravinia- Seychelles National Parks Authority- Marine Ecology TWG
Jan Robinson- SWIOFISH3- Fisheries TWG
Jeanne Mortimer- Island Conservation Society- Terrestrial Ecology TWG
Joanna Prosper- GoS-UNDP-GEF Outer Islands Project- Marine Ecology TWG
Johan Mendez- UNDP Ecosystem Based Adaptation Project- Energy and Infrastructure TWG
Justin Prosper- Climate Change Department (MEECC)- MSP Core Team
Laura Blamey- Blue Economy Research Institute- Terrestrial TWG
Louis Desnousse- Tourism department- Tourism TWG
Martin Callow – Seychelles Conservation and Climate Adaptation Trust – Financing and Implementation TWG
Michael Betts- consultant- Man plan Alphonse, Desroches, Farquhar & Poivre
Patrick Samson- PetroSeychelles – Energy and Infrastructure TWG
Peter Brinn- Global Climate Change Alliance+ Project- Energy and infrastructure TWG
Peter Purvis- Industrial Tuna Purse Seine Fishing Fleet Representative- Fisheries TWG
Philianne Albert– Blue Economy Department- Fisheries TWG
Pierre-Andre Adam- Island Conservation Society- Marine Ecology TWG
Rowana Walton- Blue Economy Research Institute- Marine Ecology TWG
Sabrena Lawrence- SWIOFISH3- Fisheries TWG

Sindu Parekh- Hire Craft Association of Seychelles- Tourism/Fisheries TWG
 Veronique Nibourette- Seychelles Maritime Safety Administration- Maritime security TWG
 Wilna Accouche- Green Islands Foundation – Fisheries TWG

MSP Core Team:

Helena Sims- MSP Project Manager, TNC Africa
 Joanna Smith- MSP Science & Process lead, TNC Canada
 Richard Tingey- GIS Consultant for the Seychelles MSP
 Vania Robert- SeyCCAT/MSP Executive Admin Assistant

Minutes:

Agenda Item #	Agenda Item	Comment/Advice	Action_Response (with initials)
1.0	Opening	The MEECC opened the meeting and welcomed all participants to the meeting	
1.1	Agenda Review	The agenda was reviewed and adopted (Annex I)	
2.0	Introductions	There was a roundtable of introductions where members introduced themselves, their affiliations and respective TWG Group (See attendance list).	
	Review of ToR	There was a brief review of the ToR as all members present had received a copy prior to the meeting.	
		Specific objectives for each TWG was requested.	J.S., H.S.
	Nominations of Chair and Vice Chair	<p>The members of each of the TWG groups present were requested to nominate a Chair and a Vice Chair (VC) to represent the group on the MSP Steering Committee. Nominations received were;</p> <p>Marine Ecology TWG- Chair; David Rowat, VC- Pierre-Andre Adam. Terrestrial Ecology TWG- Chair; Lyndsay Chong-Seng (nominated but not present), VC- Ashley Dias Maritime Security TWG – Chair- Capt. Valmont (nominated but not present). Energy & Infrastructure TWG- Chair; Patrick Samson, VC- Peter Brinn Fisheries TWG- TBC Tourism TWG- Chair- Sindu Parekh, VC- Amit Wasseberg</p>	The proposed Chair and Vice Chair of each TWG will be presented to the MSP Executive Committee for approval to sit on the MSP SC.

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		Finance TWG- Chair; A member from Ministry of Finance (nominated), VC -TBC	
3.1, 3.2	Summary of Phase 1 and; Launch of Phase 2 and recap of inception workshop.	<p>A summary of the MSP Phase 1 was provided to the TWG members as there were a number of new members present in the room. Summary points included an overview of the;</p> <ul style="list-style-type: none"> - Seychelles MSP Phases and milestones, - Stakeholder feedback from 2014 to 2016, - Areas of support and/or agreement in Oct 2017, - MSP Phase 1 areas that were gazetted in Feb 2018, - MSP Governance Framework Organogram, - Phase 1 MSP Outputs, - Integration with Seychelles legislation, regulation, policy and strategy 	
	MSP Output; Atlas	By show of hands there were 20 requested printed MSP Atlas'.	
<i>Coffee Break</i>			
3.3	Proposals for Z1 & Z2 areas for Phase 2	A review of SMSM Best Practices in terms of MSP Network design and implementation principles was provided to TWG members in preparation of the selection of new areas in Phase 2.	A pdf of the presentation will be shared with all TWG members. H.S.
		It was pointed out that the MSP principles are broad/open and members would prefer to see more specific principles in terms of implementation and enforcement.	
		TWG members were presented with a review of the MSP Zoning Framework (Apr 2015), as well as the MSP compatibility matrix, planning unit grid and the stakeholder preferences layers. The objectives of each zone was described and that of each of the areas proposed;	
	Review of each areas proposed in Zoning design V4.0	Discussions and points were raised on the areas which may be considered in Phase 2.	
		It was pointed out that area 2 is an important Frigate Bird Roost.	

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		Area 5 is ranked 13 in terms of number of the features. However, this area (same as area 15) has very limited data in terms of research.	Agreed. Area prioritised as features present qualify as Z1. J.S.
		A proposal was made to add Sports fishing as an important socio-economic values in area 10 Farquhar Group and in area 12 Cosmoledo and Astove.	J.S.
		It was re-iterated that it is important to have the economic value of the activities in the areas to determine the allowable activities in the areas (economic return vs biodiversity impact).	Spatially represented tourism value data remains a challenge for the MSP team and with limited capacity to develop the layer. J.S.
		Members expressed that the value doesn't have to be spatially explicit but that the value of the activity for the area is what is required (comparing across sectors).	MSP team to work with other projects to develop some information material on these areas. J.S., H.S., R.T.
		It was pointed out that the description for Area 16 needs to be re-worded to – All Seychelles Flagged Purse Seiners can fish outside EEZ and on seamounts.	J.S.
4	High Priority areas in Phase 2- Break out Groups	After the milestone 2 priority areas suggestions were presented, there were break-out groups to work on the priority areas and allowable activities tables for Phase 2, milestone 1 to identify the next 7.5% of the EEZ for protections.	
		Summary of the areas that the groups are working on- Group 1; Area 5,8,10,11,15 Group 2; Area 2,7,8,10,14 Group 3; Area 2,5,11,14 Group 4; Area 2, 8, 11, 12, 16 Group 5; Area 2, 5, 12,14, 15, 16	
5	Allowable Activities Tables and Management Considerations	The Groups were also tasked with addressing the allowable activities (AA) for the priority areas they had selected as well as the management considerations (MC) for these areas.	
Presentation of group work by area;			
5	Area 2- Bird and Denis	Group 1; NA	

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	Area 2- Bird and Denis	Group 2; Changed to Z2. Primarily used the Amirantes to Fortune Bank conditions but some have changed (see Annex 3 for summary of Group work).	See Annex III for AA.
	Area 2- Bird and Denis	Group 3; Changed this area to zone 2 and potential to merge with area 6 to create one large area. Rationale; there is already tourism and fishing in this area hence cannot keep as a Z1.	See Annex III for AA.
	Area 2- Bird and Denis	Group 4; Kept as a Z1.	See Annex III for AA.
	Area 2- Bird and Denis	Group 5; Kept as Z1 and same AA and MC as area 13 that is gazetted.	See Annex III for AA.
	Q	Is area 2 within an area of interest for petroleum?	Yes, Denis island is an area of interest. J.S.
	Q	The query was raised as to whether the zones change according to a season/monsoons as these islands are important shelter areas in the SE monsoon?	
	Area 5: Mascarene Ridge	Group 1; kept as Z1. Rationale; Objective similar and agreed to.	See Annex IV for AA.
		Group 2; NA	
		Group 3; Kept as Z1.	See Annex IV for AA.
		Group 4; NA- but prefer to keep as Z1	
		Group 5; Kept as Z1.	See Annex IV for AA.
	Area 8: Alphonse Group	Group 1; Keep as Z1. Note through OIP Conservation Management Plan process; shallow areas may be "sustainable use zone" and may be extended through consultations.	See Annex V for AA.
		Group 2; Kept as Z1 with a few changes to AA.	See Annex V for AA.
		Group 3; NA	
		Group 4; Keep as Z1	See Annex V for AA.
		Group 5; NA	
	Area 11: Aldabra East	Group 1; Kept as Z1	See Annex VI for AA.
		Group 2; NA	
		Group 3; Kept as zone 1	See Annex VI for AA.
		Group 4; Kept as Zone 1. Rationale; close to Aldabra for MCS.	See Annex VI for AA.
		Group 5; NA	
		Group1; NA	

Agenda Item #	Agenda Item	Comment/Advice	Action_Response (with initials)
	Area 14: Aldabra North	Group 2; Changed the area to Z1. Rationale: two main sectors; high biodiversity protection and Petroleum. PetroSeychelles agrees to the change to Zone 1 as long as geophysical surveys allowable (e.g., determination of the continental shelf).	See Annex VII for AA.
		Group 3; Changed to a Z1 Justification; proximity to Aldabra and the area has less overlapping activities/conflicts compared to other areas	See Annex VII for AA.
		Group 4; NA	
		Group 5; Changed to Z1; only two sectors affected; high biodiversity protection, no reps from fisheries to provide their input.	See Annex VII for AA.
	Area 16: Coco de Mer	Group 1; did not do this area as no rep from Industrial fishery.	
		Group 2 & 3; NA	
		Group 4; Keep as Z1. Rationale; The conservation of biodiversity around the seamount.	See Annex VIII for AA.
	Summary Milestone priority areas	Group 5; Keep as Z1. Rationale; important to protect the benthos but allow pelagic fishing. (N.B: No fishing rep in the group hence further discussions are needed).	See Annex VII for AA.
		Bird and Denis (Z1) - 3 groups Aldabra East (Z1) – 3 Groups Aldabra North (Z1)- 3 Groups	
	6	Wrap up and next steps	An summary of the main outputs of discussions as per the agenda items was provided. The MSP Core Team and MEECC thanked all participants for their invaluable input.
Next round of meetings will be communicated to members at a minimum of 2 weeks before the meeting.			
<i>Meeting adjourned at 1600 hrs.</i>			

Minutes submitted by: Helena Sims on 25th June 2018

Annex I: Meeting Agenda

MSP Technical Working Group (TWG)

Meeting #8

Tuesday 5 June 2018

0900-1600 hrs

Location: Savoy Hotel, Beau Vallon, Mahe

Agenda

Meeting Objectives:

5. Inception of new TWGs, confirm new membership and review Terms of Reference
6. To receive an update on the MSP process
7. To identify high priority areas for biodiversity and sectors using participatory mapping
8. To develop draft Allowable Activities Tables and Management Considerations for proposed areas for Phase 2 – Milestone 2

#	Time	Topic
1	0900	Welcome MSP Technical Working Group – Ms. Helena Sims <ul style="list-style-type: none"> – Agenda review – Draft minutes from TWG7 (May 2017)
2	0915	Inception of Phase 1 Technical Working Groups – Helena Sims (and MEECC?) <ul style="list-style-type: none"> – Confirm groups, new members, review TOR, nominations for Chair and Vice-Chair
	1015	Coffee Break
3	1030	MSP Process Update and Review – Dr. Joanna Smith, Helena Sims, and Rick Tingey <ul style="list-style-type: none"> – Summary of Phase 1 – Launch of Phase 2 and recap of inception workshop(s) – Proposals for Zone 1 and Zone 2 areas for Phase 2 – Milestone 2
	1200	LUNCH
4	1300	Participatory Mapping and High Priority Areas in Phase 2 – Break out groups <ul style="list-style-type: none"> - New data sets or information to contribute to proposed zoning design
	1500	Coffee Break
5	1515	Allowable Activities Tables and Management Considerations – Break out groups
6	1545	Wrap up and next steps
	1600	Adjourn

Annex II: List of documents provided for the meeting.

- SEYMSP_TWG8_Agenda_5Jun2018_Draft2_20180531
- SEYMSP_Phase1_Designation_Areas_v2.1_21Feb2018_excerpt
- SEYMSP_Phase1_Designation_Areas_v2.1_21Feb2018_excerpt
- SEYMSP_Phase1_Zoning_Design_V40_26March2018
- SeyMSP_Phase2_SmartObjectives_2018029
- SEYMSP_TWG8_ActivitiesTable_BLANK_Map4_20180604
- SEYMSP_TWG8_Biodiversity_Representation_x_feature_20180531
- SEYMSP_TWG8_Handout_Consolidated_Workplan2018_05March2018
- SEYMSP_TWG8_PPT1_Phase2_Areas_20180604
- SEYMSP_TWG8_RVI_Zone_Areas_x_Biodiversity_v4_21May2018
- SEYMSP_TWG8_Zone_x_Biodiversity_summary_20180531
- SEYMSP_TWG8_ZoneStatsSummaryTables_v4.0_Map4.0_20180530

Annex III: Compiled DRAFT Allowable Activities Table for Area 2 from TWG Group work (05.05.2018)

Sector	Marine Activity	G2 (Z2)	G3 (Z2)	G4 (Z1)	A2 (Z1)
Fisheries	<i>Artisanal Fishing (Phase 2: table for each gear type)</i>	C1,5	√	√	
	<i>Big game fishing</i>	C1,5,12	C12	C1,2,5,7,12,13	
	<i>Demersal Trawl Fishing</i>	X	X	X	
	<i>Fly Fishing, blue water</i>	C1,5,12	√	C1,3,45,7,12	
	<i>Fly Fishing, lagoon</i>	C1,5,12	√	X	
	<i>Industrial Purse Seine (free school)</i>	X	X	X	
	<i>Industrial Purse Seine (floating objects, FADs)</i>	X	X	X	
	<i>Industrial Purse Seine Supply Vessel</i>	X	C14	X	
	<i>Industrial Pelagic Longline</i>	X	X	X	C12
	<i>Aquaculture Development Zone (ADZ)</i>	X	C1,5	X	
	<i>Aquaculture Inshore Zone</i>	X	C1,5	X	
	<i>Aquaculture Land-Based Zone</i>	X	C1,5	X	
	<i>Aquaculture Offshore Zone</i>	X	C1,5	X	
	<i>Recreational Fishing</i>	C1,5,12	C1,5	C1,3,4,5, 7,12	C4,5,7,11,12,16
	<i>Semi-industrial Longline</i>	C1,5,12	√	X	
<i>Spear Fishing</i>	X	X	X		
<i>Sport Fishing</i>	C1,5,7,12	√	C1,3,5,7,12	C4,5,7,12,16	
<i>Subsistence Fishing</i>	C1,2,5,12	√	C1,3,5,7,12		
Infrastructure & Maritime Security	<i>Ballast and Bilge Dumping</i>	X	X	X	
	<i>Commercial shipping</i>	X	X	X	
	<i>Desalination</i>	C1,3,5	√	X	
	<i>Disposal and Dumping</i>	C1,3,5	X	X	
	<i>Dredging</i>	C1,2,3,5	X	X	
	<i>Ferries and Transportation</i>	C1,5	√	C1,3,5,6	
	<i>Fisheries Patrols and Surveillance (Coast Guard)</i>	C15	√	C1,3,5,6,15	
	<i>Ocean Thermal Energy Conversion (OTEC)</i>	X	X	X	
	<i>Ports, Marinas, Wharves, Jetties</i>	C1,2,3,5	C1	C1,3,5,6	
	<i>Reclamation</i>	X	X	X	
	<i>Renewable Energy, tidal</i>	C1,2,3,5	C1	C1,3,5,6	
	<i>Renewable Energy, wind (offshore)</i>	C1,2,3,5	C1	C1,3,5,6	

	<i>Renewable Energy, wave</i>	C1,2,3,5	C1	C1,3,5,6	
	<i>Renewable Energy, solar (marine)</i>	C1,2,3,5	C1	C1,3,5,6	
	<i>Underwater Cables</i>	C1,3,5	C1	C1,3,5,6	
<i>Non-renewable Resources & Bioprospecting</i>	<i>Bioprospecting Development</i>	C1,3,5,6	C1	C1,3,5,6,10	
	<i>Deep-sea Mining</i>	X	X/NA	X	
	<i>Methane Gas Exploration, Development & Production</i>	X	X	X	
	<i>Petroleum Exploration Geophysical Surveys</i>	C1,3,8	C1	X	
	<i>Petroleum Exploration Drilling</i>	C1,3,5	C1	X	
	<i>Petroleum Development, Production</i>	C1,3,5	C1	X	
	<i>Petroleum Shipping, during Extraction</i>	C1,3,5	C1	X	
	<i>Sand Mining</i>	X	X	X	
<i>Tourism & Recreation</i>	<i>Anchorage and Mooring Buoys</i>	C1,2,4,5	C1,4,5,16	C1,3,5,6	C1,2,4,5
	<i>Cruise ships</i>	C1, 3	C1	C1,3,5,6	X
	<i>Floating structure, residential, commercial, non-profit</i>	C1,3,5	√	X	X
	<i>Marine charters, licensed hire craft</i>	C1,2,5,16	√	C1,3,5,6, 16	C1,5,11,16
	<i>Recreational Motorised Activities</i>	C1,2,5,16	√	C1,3,5,6, 11, 16	X
	<i>Recreational Non-Motorised Activities</i>	C1,2,5	√	√	C1,2,5
	<i>Tourism Accommodation, marine</i>	C1,3,5	√	C1,3,5,6	C1,3,5
	<i>Tourism Accommodation, terrestrial</i>	C1,3,5	√	C1,3,5,6	C
<i>Research</i>	<i>Bioprospecting Research</i>	C5,6	√	C6,10	C ^{5,6}
	<i>Scientific Geophysical Surveys</i>	C1,3,5,6, 8	√	C6,10	C ^{1,3,5,6,8}
	<i>Scientific Research and Monitoring</i>	C1,5,6	√	C6,10	C ^{5,6}
	<i>Hydrographic Surveys</i>	C5,6	√	C6,10	C ^{5,6}

Annex IV: Compiled DRAFT Allowable Activities Table for Area 5 from TWG Group work (05.05.2018)

Sector	Marine Activity	G1 (Z1)	G3 (Z1)	G5 (Z1)
Fisheries	<i>Artisanal Fishing (Phase 2: table for each gear type)</i>	X	X	
	<i>Big game fishing</i>	X	X	
	<i>Demersal Trawl Fishing</i>	X	X	
	<i>Fly Fishing, blue water</i>	X	X	
	<i>Fly Fishing, lagoon</i>	X	X	
	<i>Industrial Purse Seine (free school)</i>	X	X	
	<i>Industrial Purse Seine (floating objects, FADs)</i>	X	X	
	<i>Industrial Purse Seine Supply Vessel</i>	X	C14	
	<i>Industrial Pelagic Longline</i>	X	X	C12
	<i>Aquaculture Development Zone (ADZ)</i>	X	X	
	<i>Aquaculture Inshore Zone</i>	X	X	
	<i>Aquaculture Land-Based Zone</i>	X	X	
	<i>Aquaculture Offshore Zone</i>	X	X	
	<i>Recreational Fishing</i>	X	X	
	<i>Semi-industrial Longline</i>	X	X	
	<i>Spear Fishing</i>	X	X	
<i>Sport Fishing</i>	X	X		
<i>Subsistence Fishing</i>	X	X		
Infrastructure & Maritime Security	<i>Ballast and Bilge Dumping</i>	X	X	
	<i>Commercial shipping</i>	√	√	C17
	<i>Desalination</i>	X	X	
	<i>Disposal and Dumping</i>	X	X	
	<i>Dredging</i>	x	X	
	<i>Ferries and Transportation</i>	x	X	
	<i>Fisheries Patrols and Surveillance (Coast Guard)</i>	√	√	
	<i>Ocean Thermal Energy Conversion (OTEC)</i>	X	X	
	<i>Ports, Marinas, Wharves, Jetties</i>	X	X	
	<i>Reclamation</i>	X	X	
	<i>Renewable Energy, tidal</i>	X	X	
	<i>Renewable Energy, wind (offshore)</i>	X	X	
	<i>Renewable Energy, wave</i>	X	X	
<i>Renewable Energy, solar (marine)</i>	X	X		
<i>Underwater Cables</i>	X	X		
Non-renewable Resources & Bioprospecting	<i>Bioprospecting Development</i>	X	X	
	<i>Deep-sea Mining</i>	X	X	
	<i>Methane Gas Exploration, Development & Production</i>	X	X	
	<i>Petroleum Exploration Geophysical Surveys</i>	X	X	
	<i>Petroleum Exploration Drilling</i>	X	X	
	<i>Petroleum Development, Production</i>	X	X	
	<i>Petroleum Shipping, during Extraction</i>	X	X	
<i>Sand Mining</i>	X	X		
Tourism & Recreation	<i>Anchorage and Mooring Buoys</i>	X	X	
	<i>Cruise ships</i>	C1, 5,8	C	
	<i>Floating structure, residential, commercial, non-profit</i>	X	X	
	<i>Marine charters, licensed hire craft</i>	C 1,5,16	C	
	<i>Recreational Motorised Activities</i>	X	X	
	<i>Recreational Non-Motorised Activities</i>	X	C	
	<i>Tourism Accommodation, marine</i>	X	C	
<i>Tourism Accommodation, terrestrial</i>	X	NA		
Research	<i>Bioprospecting Research</i>	C5,6,7	C	C 5,6
	<i>Scientific Geophysical Surveys</i>	C5,6,7	C	C 1,3,5,6,8

	<i>Scientific Research and Monitoring</i>	C5,6,7	C	C ^{5,6}
	<i>Hydrographic Surveys</i>	C5,6,7	C	C ^{5,6}

Annex V: Compiled Allowable Activities Table for Area 8 from TWG Group work (05.05.2018)

Sector	Marine Activity	G1 (Z1)	G2 (Z1)	G4 (Z1)
Fisheries	<i>Artisanal Fishing (Phase 2: table for each gear type)</i>	X	C1,5	v
	<i>Big game fishing</i>	X	C1,5,12	C1,3,4,5,7,12
	<i>Demersal Trawl Fishing</i>	X	X	X
	<i>Fly Fishing, blue water</i>	X	C1,5,12	C1,3,4,5,7,12
	<i>Fly Fishing, lagoon</i>	X	C1,5,12	C
	<i>Industrial Purse Seine (free school)</i>	X	C14	X
	<i>Industrial Purse Seine (floating objects, FADs)</i>	X	C14	X
	<i>Industrial Purse Seine Supply Vessel</i>	X	C14	X
	<i>Industrial Pelagic Longline</i>	X	C14	X
	<i>Aquaculture Development Zone (ADZ)</i>	X	X	X
	<i>Aquaculture Inshore Zone</i>	X	X	X
	<i>Aquaculture Land-Based Zone</i>	X	X	X
	<i>Aquaculture Offshore Zone</i>	X	X	X
	<i>Recreational Fishing</i>	X	C1,5,12	C1,3,5,7,12
	<i>Semi-industrial Longline</i>	X	C1,5,12	X
	<i>Spear Fishing</i>	X	X	X
	<i>Sport Fishing</i>	X	C1,5,7,12	C1,3,5,7,12
<i>Subsistence Fishing</i>	X	C1,2,5,12	C1,3,5,7,12	
Infrastructure & Maritime Security	<i>Ballast and Bilge Dumping</i>	X	X	X
	<i>Commercial shipping</i>	X	X	X
	<i>Desalination</i>	X	C1,3,5	X
	<i>Disposal and Dumping</i>	X	C1,3,5	X
	<i>Dredging</i>	X	C1,2,3,5	X
	<i>Ferries and Transportation</i>	v	C1,5	C1,3,5,6
	<i>Fisheries Patrols and Surveillance (Coast Guard)</i>	v	C15	C1,3,5,6,15
	<i>Ocean Thermal Energy Conversion (OTEC)</i>	X	X	X
	<i>Ports, Marinas, Wharves, Jetties</i>	X	C1,2,3,5	C1,3,5,6
	<i>Reclamation</i>	X	X	X
	<i>Renewable Energy, tidal</i>	X	C1,2,3,5	X
	<i>Renewable Energy, wind (offshore)</i>	X	C1,2,3,5	C1,3,5,6
	<i>Renewable Energy, wave</i>	X	C1,2,3,5	C1,3,5,6
	<i>Renewable Energy, solar (marine)</i>	X	C1,2,3,5	C1,3,5,6
<i>Underwater Cables</i>	X	C1,3,5	C1,3,5,6	
Non-renewable Resources & Bioprospecting	<i>Bioprospecting Development</i>	X	C1,3,5,6	C1,3,5,6, 10
	<i>Deep-sea Mining</i>	X	X	X
	<i>Methane Gas Exploration, Development & Production</i>	X	X	X
	<i>Petroleum Exploration Geophysical Surveys</i>	X	X	X
	<i>Petroleum Exploration Drilling</i>	X	X	X
	<i>Petroleum Development, Production</i>	X	X	X
	<i>Petroleum Shipping, during Extraction</i>	X	X	X
	<i>Sand Mining</i>	X	X	X
Tourism & Recreation	<i>Anchorage and Mooring Buoys</i>	X	C1,2,4,5	C1,3,5,6
	<i>Cruise ships</i>	C5,8	C1, 3	C1,3,5,6
	<i>Floating structure, residential, commercial, non-profit</i>	X	C1,3,5	X

	<i>Marine charters, licensed hire craft</i>	C1,5,16	C 1,2,5,16	C1,3,5,6, 16
	<i>Recreational Motorised Activities</i>	X	C1,2,5,16	C1,3,5,6, 11,16
	<i>Recreational Non-Motorised Activities</i>	X	C1,2,5	v
	<i>Tourism Accommodation, marine</i>	X	C1,3,5	C1,3,5,6
	<i>Tourism Accommodation, terrestrial</i>	X	C1,3,5	C1,3,5,6
<i>Research</i>	<i>Bioprospecting Research</i>	C5,6,7	C5,6	C6,10
	<i>Scientific Geophysical Surveys</i>	C5,6,7	C1,3,5,6,8	C6,10
	<i>Scientific Research and Monitoring</i>	C5,6,7	C1,5,6	C6,10
	<i>Hydrographic Surveys</i>	C5,6,7	C5,6	C6,10

Annex VI: Compiled Allowable Activities Table for Area 11 from TWG Group work (05.05.2018)

Sector	Marine Activity	G1 (Z1)	G3 (Z1)	G4 (Z1)
<i>Fisheries</i>	<i>Artisanal Fishing (Phase 2: table for each gear type)</i>	X	X	C1,3,5,7,11
	<i>Big game fishing</i>	X	X	C1,5,7
	<i>Demersal Trawl Fishing</i>	X	X	X
	<i>Fly Fishing, blue water</i>	X	X	X
	<i>Fly Fishing, lagoon</i>	X	X	X
	<i>Industrial Purse Seine (free school)</i>	X	X	X
	<i>Industrial Purse Seine (floating objects, FADs)</i>	X	X	X
	<i>Industrial Purse Seine Supply Vessel</i>	X	C14	X
	<i>Industrial Pelagic Longline</i>	X	X	X
	<i>Aquaculture Development Zone (ADZ)</i>	X	X	X
	<i>Aquaculture Inshore Zone</i>	X	X	X
	<i>Aquaculture Land-Based Zone</i>	X	X	X
	<i>Aquaculture Offshore Zone</i>	X	X	X
	<i>Recreational Fishing</i>	X	X	C1,3,5,7
	<i>Semi-industrial Longline</i>	X	X	C1,3,5,7,13
	<i>Spear Fishing</i>	X	X	X
	<i>Sport Fishing</i>	X	X	X
	<i>Subsistence Fishing</i>	X	X	X
<i>Infrastructure & Maritime Security</i>	<i>Ballast and Bilge Dumping</i>	X	X	X
	<i>Commercial shipping</i>	v	C5,8	C1,3,5
	<i>Desalination</i>	X	X	X
	<i>Disposal and Dumping</i>	X	X	X
	<i>Dredging</i>	x	C1,2,3,5	X
	<i>Ferries and Transportation</i>	x	C2,5	v
	<i>Fisheries Patrols and Surveillance (Coast Guard)</i>	v	v	v
	<i>Ocean Thermal Energy Conversion (OTEC)</i>	X	X	X
	<i>Ports, Marinas, Wharves, Jetties</i>	X	C1,2,3,5	X
	<i>Reclamation</i>	X	X	X
	<i>Renewable Energy, tidal</i>	X	X	X
	<i>Renewable Energy, wind (offshore)</i>	X	X	X
	<i>Renewable Energy, wave</i>	X	X	X
	<i>Renewable Energy, solar (marine)</i>	X	X	X
	<i>Underwater Cables</i>	X	C2	C1,3,5
<i>Non-renewable Resources & Bioprospecting</i>	<i>Bioprospecting Development</i>	X	X	C1,3,5,10
	<i>Deep-sea Mining</i>	X	X	X
	<i>Methane Gas Exploration, Development & Production</i>	X	X	X
	<i>Petroleum Exploration Geophysical Surveys</i>	X	X	X
	<i>Petroleum Exploration Drilling</i>	X	X	X

	<i>Petroleum Development, Production</i>	X	X	X
	<i>Petroleum Shipping, during Extraction</i>	X	X	X
	<i>Sand Mining</i>	X	X	X
<i>Tourism & Recreation</i>	<i>Anchorage and Mooring Buoys</i>	X	C1,2,4,5	C1,3,5
	<i>Cruise ships</i>	C1, 5,8	C1,2,3,4	C1,3,5
	<i>Floating structure, residential, commercial, non-profit</i>	X	X	X
	<i>Marine charters, licensed hire craft</i>	C 1,5,16	C1,5,11,16	C1,3,5
	<i>Recreational Motorised Activities</i>	X	C1,5,11,16	X
	<i>Recreational Non-Motorised Activities</i>	X	C1,2,5	√
	<i>Tourism Accommodation, marine</i>	X	C1,3,5	X
	<i>Tourism Accommodation, terrestrial</i>	X	X	√
<i>Research</i>	<i>Bioprospecting Research</i>	C5,6,7	C5,6	C6,10
	<i>Scientific Geophysical Surveys</i>	C5,6,7	C1,3,5,6,8	C6,10
	<i>Scientific Research and Monitoring</i>	C5,6,7	C5,6	C6,10
	<i>Hydrographic Surveys</i>	C5,6,7	C5,6	C6,10

Annex VII: Compiled Allowable Activities Table for Area 14 from TWG Group work (05.05.2018)

Sector	Marine Activity	G2 (Z1)	G3 (Z1)	G5 (Z1)
<i>Fisheries</i>	<i>Artisanal Fishing (Phase 2: table for each gear type)</i>	X	NA	C 1,5
	<i>Big game fishing</i>	X	NA	C 1,5, 12
	<i>Demersal Trawl Fishing</i>	X	X	X
	<i>Fly Fishing, blue water</i>	X	NA	C 1,5, 12
	<i>Fly Fishing, lagoon</i>	X	NA	C 1,5, 12
	<i>Industrial Purse Seine (free school)</i>	X	√	C 13
	<i>Industrial Purse Seine (floating objects, FADs)</i>	X	X	X
	<i>Industrial Purse Seine Supply Vessel</i>	C 14	√	C 14
	<i>Industrial Pelagic Longline</i>	X	√	C 13
	<i>Aquaculture Development Zone (ADZ)</i>	X	NA	C 1,5
	<i>Aquaculture Inshore Zone</i>	X	NA	C 1,5
	<i>Aquaculture Land-Based Zone</i>	X	NA	C 1,5
	<i>Aquaculture Offshore Zone</i>	X	X	C 1,5
	<i>Recreational Fishing</i>	X	√	C 1,5
	<i>Semi-industrial Longline</i>	X	√	C 1,5
	<i>Spear Fishing</i>	X	X	X
<i>Sport Fishing</i>	X	recreational	C 1,5,7,12	
<i>Subsistence Fishing</i>	C 1,2,5	NA	C 1,2,5	
<i>Infrastructure & Maritime Security</i>	<i>Ballast and Bilge Dumping</i>	X	X	
	<i>Commercial shipping</i>	C 5,8	√	C 5,8,17
	<i>Desalination</i>	X	NA	C 1,3,5
	<i>Disposal and Dumping</i>	X	NA	X
	<i>Dredging</i>	C 1,2,3,5	NA	C 1,2,3,5
	<i>Ferries and Transportation</i>	C 2,5	√	C 1,5
	<i>Fisheries Patrols and Surveillance (Coast Guard)</i>	A ¹⁵	√	A ¹⁵
	<i>Ocean Thermal Energy Conversion (OTEC)</i>	X	NA	X
	<i>Ports, Marinas, Wharves, Jetties</i>	C 1,2,3,5	NA	C 1,2,3,5
	<i>Reclamation</i>	X	NA	X
	<i>Renewable Energy, tidal</i>	X	NA	C 1,2,3,5
	<i>Renewable Energy, wind (offshore)</i>	X	NA	C 1,2,3,5
	<i>Renewable Energy, wave</i>	X	NA	C 1,2,3,5

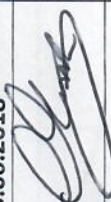
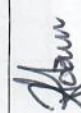
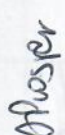

	<i>Renewable Energy, solar (marine)</i>	X	NA	X
	<i>Underwater Cables</i>	C ¹	√	C ¹
<i>Non-renewable Resources & Bioprospecting</i>	<i>Bioprospecting Development</i>	X	X	C ^{1,3,5}
	<i>Deep-sea Mining</i>	X	X	X
	<i>Methane Gas Exploration, Development & Production</i>	X	X	X
	<i>Petroleum Exploration Geophysical Surveys</i>	X	X	C ^{1,3,8}
	<i>Petroleum Exploration Drilling</i>	X	X	C ^{1,3,5}
	<i>Petroleum Development, Production</i>	X	X	C ^{1,3,5}
	<i>Petroleum Shipping, during Extraction</i>	X	X	C ^{1,3,5}
	<i>Sand Mining</i>	X	X	X
	<i>Tourism & Recreation</i>	<i>Anchorage and Mooring Buoys</i>	C ^{1,2,4,5}	X
<i>Cruise ships</i>		C ^{1,3,4,11}	√	C ^{1,3}
<i>Floating structure, residential, commercial, non-profit</i>		X	X	C ^{1,3,4,5}
<i>Marine charters, licensed hire craft</i>		C ^{1,5,11,16}	√	C ^{1,2,5,16}
<i>Recreational Motorised Activities</i>		C ^{1,5,11,16}	X	C ^{1,2,5,16}
<i>Recreational Non-Motorised Activities</i>		C ^{1,2,5}	√	C ^{1,2,5}
<i>Tourism Accommodation, marine</i>		C ^{1,3,5}	√	C ^{1,3,5}
<i>Tourism Accommodation, terrestrial</i>		X	NA	C ^{1,3,5}
<i>Research</i>	<i>Bioprospecting Research</i>	C ^{5,6}	√	C ^{5,6}
	<i>Scientific Geophysical Surveys</i>	C ^{1,3,5,6,8}	√	C ^{1,3,5,6,8}
	<i>Scientific Research and Monitoring</i>	C ^{5,6}	√	C ^{5,6}
	<i>Hydrographic Surveys</i>	C ^{5,6}	√	C ^{5,6}

Annex VIII: Compiled Allowable Activities Table for Area 16 from TWG Group work (05.05.2018)


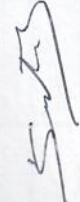
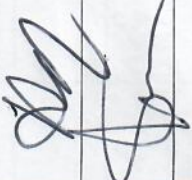
Sector	Marine Activity	G4 (Z1)	G5 (Z1)
<i>Fisheries</i>	<i>Artisanal Fishing (Phase 2: table for each gear type)</i>	C1,3,5,7,11	
	<i>Big game fishing</i>	C1,3,5,7,11	
	<i>Demersal Trawl Fishing</i>	X	
	<i>Fly Fishing, blue water</i>	X	
	<i>Fly Fishing, lagoon</i>	X	
	<i>Industrial Purse Seine (free school)</i>	X	
	<i>Industrial Purse Seine (floating objects, FADs)</i>	X	C1,7,12,14
	<i>Industrial Purse Seine Supply Vessel</i>	X	
	<i>Industrial Pelagic Longline</i>	X	
	<i>Aquaculture Development Zone (ADZ)</i>	X	
	<i>Aquaculture Inshore Zone</i>	X	
	<i>Aquaculture Land-Based Zone</i>	X	
	<i>Aquaculture Offshore Zone</i>	X	
	<i>Recreational Fishing</i>	C1,3,5,7,11	
	<i>Semi-industrial Longline</i>	C1,3,5,8,11,13,14	C1,7,12,14
	<i>Spear Fishing</i>	X	
<i>Sport Fishing</i>	C1,3,5,7,11		
<i>Subsistence Fishing</i>	X		
<i>Infrastructure & Maritime Security</i>	<i>Ballast and Bilge Dumping</i>	X	
	<i>Commercial shipping</i>	C1,3,5,11	
	<i>Desalination</i>	X	
	<i>Disposal and Dumping</i>	X	







	<i>Dredging</i>	X	
	<i>Ferries and Transportation</i>	√	
	<i>Fisheries Patrols and Surveillance (Coast Guard)</i>	√	
	<i>Ocean Thermal Energy Conversion (OTEC)</i>	X	
	<i>Ports, Marinas, Wharves, Jetties</i>	X	
	<i>Reclamation</i>	X	
	<i>Renewable Energy, tidal</i>	X	
	<i>Renewable Energy, wind (offshore)</i>	X	
	<i>Renewable Energy, wave</i>	X	
	<i>Renewable Energy, solar (marine)</i>	X	
	<i>Underwater Cables</i>	C1,3,5,6	
<i>Non-renewable Resources & Bioprospecting</i>	<i>Bioprospecting Development</i>	C1,3,5,6,10	
	<i>Deep-sea Mining</i>	X	
	<i>Methane Gas Exploration, Development & Production</i>	X	
	<i>Petroleum Exploration Geophysical Surveys</i>	X	
	<i>Petroleum Exploration Drilling</i>	X	
	<i>Petroleum Development, Production</i>	X	
	<i>Petroleum Shipping, during Extraction</i>	X	
	<i>Sand Mining</i>	X	
<i>Tourism & Recreation</i>	<i>Anchorage and Mooring Buoys</i>	C1,3,5,6	
	<i>Cruise ships</i>	C1,3,5,6	
	<i>Floating structure, residential, commercial, non-profit</i>	X	
	<i>Marine charters, licensed hire craft</i>	C1,3,5, 16	
	<i>Recreational Motorised Activities</i>	X	
	<i>Recreational Non-Motorised Activities</i>	√	
	<i>Tourism Accommodation, marine</i>	√	
	<i>Tourism Accommodation, terrestrial</i>	X	
<i>Research</i>	<i>Bioprospecting Research</i>	C6,10	
	<i>Scientific Geophysical Surveys</i>	C6	
	<i>Scientific Research and Monitoring</i>	C6	
	<i>Hydrographic Surveys</i>	C6	



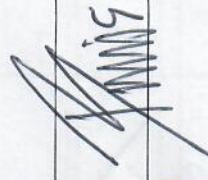

Annex V: Signed attendance form TWG8 Meeting




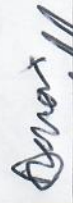

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