



## SEYCHELLES MARINE SPATIAL PLANNING (MSP) INITIATIVE

### Participatory Mapping Advice: August & October 2014

8 January 2015

ROW	Meeting	Zone	Label	Notes or Description	ZoneBound (Y/N)	How_to_Use	ZSMA
1	WS3_POINTS	A	45, 46, 47	45, 46, 47; aquaculture and biodiversity;		Mariculture in conflict with Zone B	
2	WS3_POINTS	A	Artisanal fishing in marine parks	Artisanal fishing in marine parks		Artisanal fishing in conflict with Zone B	
3	WS3_POLY	A	Artisanal fishery / biodiversity MPA	artisanal fishery + biodiversity(MPA); about 1 km out	No	Artisanal fishing in conflict with Zone B	
4	WS3_POLY	A	Artisanal fishery / biodiversity MPA	artisanal fisheries + Biodiversity (MPA)	No	Artisanal fishing in conflict with Zone B	
5	WS3_POLY	A	Artisanal fishery / Diving / shark fishing	Diving + artisanal fisheries + shark fishing	No	Tourim activities in conflict with Zone A	
6	WS3_POLY	A	Artisanal fishery / AREA OF HIGHEST CONCERN	good fishing for artisanal; area of most concern	No	Excellent fishing area for Artisanal	Yes
7	WS3_POLY	A	Artisanal fishery / AREA OF CONCERN / Oil and gas	artisanal fishing + oil/gas - good fishing area	No	Oil & Gas in conflict with Zone A high priority area	Yes
8	WS3_POLY	A	No fishing conflict	no fishing conflict not a very important fishing area	No	no conflict with Zone A	
9	WS3_POLY	A	Industrial fishing on seamounts	85, Industrial fishing on seamounts		Industrial fishing in conflict with Zone B	
10	TWG2_LINE	A	Hotel sustenance fishing Denis Island	bottom fishing for subsistence on Denis Island	No	Area of importance for Denis Island hotel	Yes



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11	TWG2_LINE	A	semi industrial tuna fishery	fishing for seychelles boats only	No		
12	TWG2_LINE	A	industriail tuna fishery	longline	No		
13	TWG2_POLY	A	Mahe Plateau	Potential conflict with oil exploration and exploitation	No	potential conflicts with other zones	
14	TWG2_POLY	A	Mahe Plateau	Fishing Conflict with oil exploration and exploitation (area between plateau and extent of the demarchated fishing zone as marked for artisanal fisheries)	No	potential conflicts with other zones	Yes
15	TWG2_POLY	A	Constant bank	Requires more Fishing Effort	No		
16	TWG2_POLY	A	Central Plateau	Care must be taken in this area due to piracy which might influence fishing effort	No	Care must be taken here for piracy; this could influence the position of Zone D boundaries. Could be used as a cross hatch overlay	Yes
17	TWG2_POLY	A	Outside the Mahe Plateau >200M	Might be travelling (check speed) or semi-industrial vessels (SFA to confirm)	No	this might not be actual fishing points - travel data.	
18	TWG2_POLY	A	Mahe Plateau	Artisanal fishing zone	No	artisanal fishing zone	
19	TWG2_POLY	A	Outside the Mahe Plateau	Semi-Industrial Zone	No	semi-industrial zone outside plateau	
20	TWG2_POLY	A	Platte Island	Artisanal Fishing Zone	No	could be used for sub-zones for sea cucumber harvest; special management area within a zone	
21	TWG2_POLY	A	Farquar and Providence group	Artisanal Fishing Zones	No		
22	TWG2_POLY	A	Farquar Group	Proposed replenishment zone	No	Fisheries Replenishment Area	Yes
23	TWG2_POLY	A	Farquar and Providence Group	Semi-Industrial fishing zones	No		



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24	TWG2_POLY	A	Amirantes Plateau	Artisanal fisheries zone (<200m)	No		
25	TWG2_POLY	A	Alphonse Group	Artisanal Fishing zone	No		
26	TWG2_POLY	A	Amirantes and Alphonse groups	Semi-Industrial fishing zones	No		
27	TWG2_POLY	A	Cosmoledo	Artisanal Fishing zones	No		
28	TWG2_POLY	A	Cosmoledo group	Replenishment zone	No	Fisheries Replenishment Area	Yes
29	TWG2_POLY	A	Astove group	Artisanal Fishing zone	No		
30	TWG2_POLY	A	Astove group	Replenishment zone	No	Fisheries Replenishment Area	Yes
31	TWG2_POLY	A	Astove	Semi-Industrial fishing zones	No		
32	TWG2_POLY	A	Cosmoledo	Semi-Industrial fishing zones 200m *****same for artisanal*****	No		
33	WS3_POINTS	B	High endemism	high endemism around seamounts Coco D' Mer seamount*			
34	WS3_POLY	B	MPA / No subsistence fishing	Local population + MPA - cannot do subsistence fishing; but there is a black pearl oyster	No	potential conflicts with other zones/objectives	
35	TWG2_LINE	B	Illegal fishing	considered high priority for biodiversity as it is illegal to fish within the marine park	No	Management directions	
36	WS3_POINTS	B	Reclamation potential almost everywhere	Reclamation potential almost everywhere			
37	TWG2_LINE	B	Potential protected areas	areas identify as potential protected areas for whale sharks	No		Yes



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38	TWG2_LINE	B	Rat prevention buffer North Island	1 km buffer around North Island as part of the protected area network. Controlled access to ensure vessels entering are certified rat free.	No	create a 1 km buffer around the island, and delete the lines. General management direction for all seabird islands.	
39	TWG2_LINE	B	North Island marine 1km turtle zone	1km ring around North Island for protection of turtles in their interesting habitat. North Island hosts the largest nesting population of green turtles in the inner islands. Area will most likely be proclaimed as protected area in 2015 under PA project	Yes	create a 1 km buffer around the island, and delete the lines	Yes
40	TWG2_LINE	B	1km buffer for prevention of rat invasion Denis Island	1km zone in which every vessel needs to be certified rat free. Will most likely be declared as PA under PA project in 2015	No		
41	TWG2_LINE	B	1km fish/coral/invert conservation zone North Island	1km zone to protect coral, fish and inverts from overfishing, anchoring damage and other impacts. Will most likely be proclaimed in 2015 under PA project. Partly no take zone, partly sustainable use zone	No	create a 1 km buffer around the island, and delete the lines.	
42	TWG2_LINE	B	cetaceans_5	important for sperm whales (foraging)	No		Yes
43	TWG2_LINE	B	High conservation value area around Denis Island	Is being considered for proclamation as PA under PA project to protect megafauna (shark pupping and nursery area, rays, turtle nesting, inter-nesting and foraging area, etc.), high diversity coral reefs, seagrass beds and associated fish assemblages. Being proposed for proclamation in 2015.	No		
44	TWG2_LINE	B	Police_Bay_turtle_nesting_beach	priority turtle nesting beach for hawksbills	No		Yes
45	TWG2_POLY	B	Marianne-Shark_aggregation	Aggregation of grey reef sharks possibly breeding ground.	No	potential conflicts with other zones/objectives	Yes



ROW	Meeting	Zone	Label	Notes or Description	ZoneBound (Y/N)	How_to_Use	ZSMA
46	TWG2_POLY	B	Protected areas _future use	areas for potential protected areas for turtle and sharks. potential attributes: what is there; locations of turtle nesting sites and whale shark sites; potential conflicts with tourism	No	potential conflicts with other zones/objectives	Yes
47	TWG2_POLY	B	Marine_Mammals_4	Bottlenose, Spinners, False Killer Whales, Risso Dolphins	No	potential conflicts with other zones/objectives	
48	TWG2_POLY	B	Shark_Nursery_Site_8	Bullshark foraging site	No	potential conflicts with other zones/objectives	Yes
49	TWG2_POLY	B	wetlands	compatible uses: tourism, environment, construction; there should be a mangement plan to solve these conflicting uses. add more attributes like services, uses, water flow, importance for biodiversity, sea level rise; for the management purpose it is possi	No	potential conflicts with other zones/objectives	
50	TWG2_POLY	B	Conception_Channel_Migratory_corridor	deep water channel between mahe and conception. Important for whale sharks, sharks, manta rays and Cetacea. Identified as a priority whale shark area under PA project for TPA designation.	No	potential conflicts with other zones/objectives	Yes
51	TWG2_POLY	B	Whale_Shark_Turtles1	Foraging, nesting for turtles and feeding agregation for whale sharks	No	potential conflicts with other zones/objectives	Yes
52	TWG2_POLY	B	Brisaire_rocks_dragon's_tooth_reef	Healthy, diverse and high abundance reef area. Good population of IUCN listed humphead (Maori) wrasse. Possible replenishment area.	No	potential conflicts with other zones; possible replenishment area	Yes
53	TWG2_POLY	B	Whale_shark_aggregation_South_Mahe	Identified as a priority whale shark aggregation area by MCSS. Potential for TPA	No	potential conflicts with other zones/objectives	Yes
54	TWG2_POLY	B	D'Arros_IBA	Identified as an IBA under PA Project (Nature Seychelles)	No	potential conflicts with other zones/objectives	
55	TWG2_POLY	B	Port_Glaud_wetland_site	Important Mangrove area and seagrass beds. Also identified as a RAMSAR site.	No	potential conflicts with other zones; already have a RAMSAR	



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						polygon	
56	TWG2_POLY	B	Anse_La_Mouche_Shark_Nursery_Ground	Important nursery ground for sharks; bull sharks, tiger sharks, manta, lemon sharks, hammerhead sharks etc..	No	potential conflicts with other zones	Yes
57	TWG2_POLY	B	Bird_island_IBA_turtle_shark	Important sea bird area, turtle nesting site (one of the highest turtle nesting populations in inner islands), black-tip sharks, nurse sharks and bull sharks	No	potential conflicts with other zones	Yes
58	TWG2_POLY	B	Beach monitoring	Monitoring on all beach through beach profiling for multi user to reduce conflict. what it's used for? identify areas where there are turtle nesting should be clearly demarcated, protected areas, big movement of sands	No	potential conflicts with other zones	
59	TWG2_POLY	B	Shark and turtle area 7	shark nursery and turtle nesting and foraging	No	potential conflicts with other zones	Yes
60	TWG2_POLY	B	cetaceans_6	sperm whales and delphinidae (foraging)	No	potential conflicts with other zones	Yes
61	TWG2_POLY	B	Turtle_Birds_Site_3	Turtle and Bird Areas(foraging)	No	potential conflicts with other zones	Yes
62	TWG2_POLY	B	Whale_Shark_Turtles2	Whale Sharks and Turtle Habitats (foraging)	No	potential conflicts with other zones	Yes
63	WS3_POINTS	C	90,Shipping impacts	90,Shipping impacts			
64	WS3_POINTS	C	opportunistic dredging that occurred	opportunistic dredging that occurred			
65	WS3_POINTS	C	<Null>	ballast water from ships.		Management directions for Zone B - ballast water not exchanged inside MPAs	
66	WS3_LINE	C	SHIPPING TRAFFIC	shipping traffic route NE		potential conflicts with other zones/objectives	



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67	WS3_LINE	C	SHIPPING TRAFFIC	shipping traffic E, NE, to...SE Asia		potential conflicts with other zones/objectives	
68	WS3_LINE	C	SHIPPING TRAFFIC	90, Shipping around Aldabra		potential conflicts with other zones/objectives	
69	WS3_POLY	C	199, 116, 132, Reclamation	199, 116, 132, Reclamation	Yes		
70	TWG2_POLY	C	proposed marina	proposed marina for super yacht	Yes	approval of proposal?	
71	TWG2_POLY	C	Potential future tidal power plant	This project can turn Aldabra into a zero carbon emission island	Yes	Renewable energy in the MPA?	
72	TWG2_LINE	C	Electrical cable	PUC	No	use as overlay	
73	TWG2_LINE	C	Cable line under sea	PUC infrastructure	No	use as overlay	
74	TWG2_LINE	C	water lines	PUC infrastructure	No	use as overlay	
75	TWG2_POLY	C	Potential future renewable energy site	due to scarcity of flat land on Mahe, this lagoon is considered for RE development	Yes		
76	TWG2_POLY	C	Potential future OTECplant	floating plant supplying power to Mahe, Praslin and La Digue through sub-marine cable (long term project)	Yes		
77	TWG2_POLY	C	Potential future tidal power plant	Aldabra tidal	Yes		
78	TWG2_POLY	C	Potential future tidal power plant	Aldabra tidal	Yes		
79	TWG2_POLY	C		polygone around Farquahar (Ahab)	No	don't know what it is	
80	WS3_POLY	D	Sand mining	Sand mining	No	potential conflicts with other zones/objectives	



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81	WS3_POLY	D	Sand Mining	Sand mining in a location in here. MLUH will have coordinates for dredging. Happened once but will likely happen again in the future either here or someplace else. Need to verify coordinates with MLUH	No		
82	WS3_POINTS	E	96, Jet ski areas	96, Jet ski areas			
83	WS3_LINE	E	POTENTIAL IMPACTS TO PELAGIC SPECIES	Potential impacts to pelagic species		potential conflicts with other zones/objectives	
84	WS3_LINE	E	SPORT FISHING / YEAR ROUND	all year round sport fishing targeting different species at different times for sport fishing. Overlaps with Petroleum			
85	WS3_LINE	E	SPORT FISHING / YEAR ROUND	all year round sport fishing targeting different species at different times for sport fishing. Overlaps with Petroleum			
86	WS3_LINE	E	SPORT FISHING / YEAR ROUND	all year round sport fishing targeting different species at different times for sport fishing. Overlaps with Petroleum			
87	WS3_LINE	E	SPORT FISHING / YEAR ROUND	all year round sport fishing targeting different species at different times for sport fishing. Overlaps with Petroleum			
88	WS3_POLY	E	99, 116, 132, Infrastructure, Emirates hotel	99, 116, 132, Infrastructure, Emirates hotel	No		
89	WS3_POLY	E	99, 116, 132, Police Bay marina development	99, 116, 132 Infrastructure, marina ,Police Bay development	No		
90	WS3_POLY	E	99, 116, 132, Proposed marina	99, 116, 132, Proposed marina	Yes		
91	WS3_POLY	E	Tourism operator attracting sharks to diving area	Attracting sharks	Yes		
92	TWG2_LINE	E	Diving locations	Dive sites used by North Island and Silhouette Island guests as well as charters. Mostly on the western side of	No		



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				the island			
93	TWG2_POLY	E	North_SSFC_Tag_Priority	High billfish population identified by SSFC through tagging. Includes Marlin and sailfish	Yes		
94	TWG2_POLY	E	African_Banks_fishery_Area	Important area for sports fishermen. All species.	Yes		
95	TWG2_POLY	E	Potential future offshore windfarm	potential future offshore windfarm to be installed in shallow water of less than 2m depth	Yes		
96	TWG2_POLY	E	SSFC_Priority_Tag	Priority area for billfish identified through tagging by the SSFC for Marlin and Sailfish and other species (bottom fishing)	Yes		
97	TWG2_POLY	E	Constant_Bank_Fishery	Untouched fishing ground. Ideal for sports fishery. All species (Pelagic+bottom)	Yes	Untouched fishing area into sport fishing?	
98	TWG2_LINE	E	fly fishing tourism	either land based or live aboard	Yes		
99	TWG2_POLY	E	fly fishing tourism	also providence and farquhar (square is Cosmoledo and Astove)	No	spatial proxy 10 miles (16 km) from dropoff	
100	TWG2_POLY	E	Marianne_Dive_site	Best dive site for sharks for inner island group	Yes		
101	TWG2_POLY	E	sea level rise	consider identify the areas that sea level rise might affect tourism activities	No		Yes
102	TWG2_POLY	E	sea level rise	consider where there might be sea level rise and where it might affect tourism activities esp. coastal accomation.	No		Yes
103	TWG2_POLY	E	sea level rise	identifies areas that sea level rise could affect tourism activities and development through a mapping exercise	No	climate change impacts to the islands	



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104	TWG2_POLY	E	near shore motorable activities	Near shore motorable activities such as jet ski should not be allow in marine parks and near the beaches. there are loop holes where people are comin in the MNP but reducing their speed, therefore there should be a revision in the law in regards to motoring	No	potential conflicts with other zones	
105	TWG2_POLY	E	future tourism expansion	There might be accomodation in and on the water, things like marine underwater aquarium. these might not be compatible with biodiversity in terms of loss of protected areas or disturbance and also pollution	Yes		
106	TWG2_POLY	E	Dive sites Denis Island Plateau	Used by Denis Island hotel for diving	Yes		

