Appendix P Impact Monitoring Schedule of Next Reporting Month

Impact Monitoring Schedule for IWMF

Dec-18

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
	Impact Coral REA Survey + Coral Post-Translocation Monitoring + Coral Re-tagging + Ecology monitroing for WBSE Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2 & M1 Tidal Period: Ebb Tide: 06:28 - 12:11 Flood Tide: 12:11 - 19:14 Monitoring Time: * Mid-ebb: 08:00 - 11:04 Mid-flood: 13:57 - 17:27 Daytime Noise monitoring for M1, M2 & M3		Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2 & M1 Tidal Period: Ebb Tide: 08:38 - 13:31 Flood Tide: 13:31 - 20:03 Monitoring Time: Mid-ebb: 09:19 - 12:49 Mid-flood: 15:02 - 18:32	Impact Ecology monitoring for Marine Mammals by Vessel-based Line-transect Survey	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3 Tidal Period: Ebb Tide: 10:33 - 14:40 Flood Tide: 14:40 - 20:56 Monitoring Time: Mid-ebb: 10:51 - 14:21 Mid-flood: 16:03 - 19:33	
9	10	11	12	13	14	15
	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3 Tidal Period: Ebb Tide: 12:45 - 16:00 Flood Tide: 05:29 - 12:45 Monitoring Time: Mid-ebb: 12:37 - 16:07 *# Mid-flood: 08:00 - 10:52 Daytime Noise monitoring for M1, M2 & M3		Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3 Tidal Period: Ebb Tide: 14:00 - 17:00 Flood Tide: 06:45 - 14:00 Monitoring Time: #$ Mid-ebb: 14:09 - 16:51 Mid-flood: 08:37 - 12:07			Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3 Tidal Period: Ebb Tide: 17:55 - 20:36 Flood Tide: 09:00 - 17:55 Monitoring Time: #$ Mid-ebb: 18:03 - 20:28 Mid-flood: 11:42 - 15:12
16	17	18	19	20	21	22
	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3 Tidal Period: Ebb Tide: 03:23 - 10:36 Flood Tide: 10:36 - 18:35 Monitoring Time: *# Mid-ebb: 08:00 - 08:44 Mid-flood: 12:50 - 16:20 Daytime Noise monitoring for M1, M2 & M3	Impact Ecology monitroing for WBSE	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3 Tidal Period: Ebb Tide: 06:32 - 11:20 Flood Tode: 11:20 - 18:45 Monitoring Time: *# Mid-ebb: 08:00 - 10:41 Mid-flood: 13:17 - 16:47	Impact Ecology monitoring for Marine Mammals by Vessel-based Line-transect Survey	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3 Tidal Period: Ebb Tide: 08:48 - 13:22 Flood Tide: 13:22 - 19:57 Monitoring Time: Mid-ebb: 09:20 - 12:50 Mid-flood: 14:54 - 18:24	
23	24	25	26	27	28	29
	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3 Tidal Period: Ebb Tide: 11:38 - 15:27 Flood Tide: 05:00 - 11:38 Monitoring Time: Mid-ebb: 11:47 - 15:17 *# Mid-flood: 08:00 - 10:04 Daytime Noise monitoring for M1, M2 & M3			Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3 Tidal Period: Ebb Tide: 11:38 - 15:27 Flood Tode: 05:00 - 11:38 Monitoring Time: Mid-ebb: 14:26 - 17:56 Mid-flood: 08:59 - 12:29		Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3 Tidal Period: Ebb Tide: 16:00 - 20:26 Flood Tide: 08:50 - 16:00 Monitoring Time: Mid-ebb: 16:28 - 19:58 Mid-flood: 10:40 - 14:10
30	31					
	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3 Tidal Period: Ebb Tide: 04:58 - 10:33 Flood Tide: 10:33 - 18:00 Monitoring Time: *# Mid-ebb: 08:00 - 09:30 Mid-flood: 12:31 - 16:00 Daytime Noise monitoring for M1, M2 & M3					

Remarks:
1. Daytime Noise Monitoring (07:00-1900), Evening Time Noise Monitoring (1900-2300), Night Time Noise Monitoring (2300-0700)
2. Water Quality Monitoring for S1,S2 and S3 will only conduct during DCM works, refer to Detailed DCM Plan

Note:
* - as per Marine Department Notice No 107 of 2018, all vessels employed for the works should stay in the works area outside the hours of works (0700 to 2300). Due to safty concern, Water Quality Monitoring would start at 0800 and end at 2200.
# - Prioritized routing: Mid-Ebb: C1→S3→CR2→CR1→H1→Remaining stations and Mid-Flood: C2→CR1→S3→CR2→H1→Remaining stations
$ - Since predicted tide is shorter than 3.5 hours, method of 90% tidal period as monitoring time is approached.