INSURED SITE: GUANAJA BAY ISLANDS NATIONAL MARINE PARK HONDURAS



| Reef data within the insured polygon | | | | |
|---------------------------------------|-----------------|-----------|--|--|
| Insured polygon's area | ha | 21,721.49 | | |
| Coral cover area | ha | 4,406.02 | | |
| Live coral cover area | ha | 850.36 | | |
| Live coral cover area - average value | % | 19.30 | | |
| Live coral cover area - maximum value | % | 40.90 | | |
| Live coral cover area - minimum value | % | 7.30 | | |
| Location related to wind direction | Windward/ Leewa | | | |

| Damage estimate of live coral cover | | | | | |
|-------------------------------------|--------------------------|------|------------------------------------|--|--|
| Wind speed | Initial live coral cover | | Damaged area with live coral cover | | |
| | % | % | ha | | |
| <34 knots | | 2.32 | 102.04 | | |
| 34 a 50 knots | 19.30 | 0.00 | 0.00 | | |
| 50 a 64 knots | 13.30 | 0.00 | 0.00 | | |
| >64 knots | | 7.72 | 340.14 | | |

| Cost estimate to based on area with damaged live coral cover | | | | | |
|--|-----------------|---------------|----------------------------------|---------------------------------|---------------------------------|
| | Intervened area | Required time | Cost for intervention level 100% | Cost for intervention level 50% | Cost for intervention level 25% |
| | ha | Days | USD | USD | USD |
| Rapid damage assessment | 4,406.02 | 17 | 47,755 | 47,755 | 47,755 |
| Primary response | 68.03 | 207 | 1,088,005 | 544,003 | 272,001 |
| Secondary response | 68.03 | 337 | 1,996,498 | 1,008,034 | 513,803 |
| Immediate repair | 4,542.08 | 561 | 3,132,258 | 1,599,792 | 833,559 |
| Mid-term repair | N/A | N/A | 609,606 | 318,706 | 173,256 |

| Cost estimate with response time limit (up to 60 days after the event) and 3 brigades | | | | | |
|---|-----------------|---------------|----------------------------------|---------------------------------|---------------------------------|
| | Intervened area | Required time | Cost for intervention level 100% | Cost for intervention level 50% | Cost for intervention level 25% |
| | ha (nurseries) | Days | USD | USD | USD |
| Rapid damage assessment | 4,406.02 | 5 | 16,552 | 16,552 | 16,552 |
| Primary response | 10.00 | 30 | 157,682 | 78,841 | 39,420 |
| Secondary response (number of nurseries) | 90.00 | 44 | 205,435 | 112,503 | 66,037 |
| Immediate repair | 4,506.02 | 79 | 379,668 | 207,895 | 122,009 |
| Mid-term repair | N/A | N/A | 609,606 | 318,706 | 173,256 |

Note: Estimated response capacity in 3 brigades formed by 18 divers and 12 snorkellers working on 3 boats.