



Tanzania SAM Program - Data Collection

**MONTHLY CORAL REEF SURVEY***Complete Survey at Low Tide during the first 2 weeks of each month.*

Staff Name(s): \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ AM / PM

Location: \_\_\_\_\_

Site Type *Circle One*: Reserve / Core / Specified Use / General UseDay Type *Circle One*: Weekday / Friday / Weekend / HolidayTide Level: *Circle One* Low / Mid / HighTide Type: *Circle One* Spring / Neap

Did you use binoculars: YES / NO

**RECREATION** *Record any that you can see.*

Number of people swimming/snorkeling: \_\_\_\_\_

Total number of people: \_\_\_\_\_

Number of boats by category:

<i>Type</i>	<i>Number</i>	<i>Type</i>	<i>Number</i>
Powerboats:		Kayaks/Canoes (recreational)	
Jet skis:		Windsurfing / Kiteboarding	
Dhows/Sailboats:		Others	

**TRANSPORT VESSELS** *Record any you can see*

Local Ferries: \_\_\_\_\_

Cruise Ships: \_\_\_\_\_

**FISHING** *Record any you can see*Number of fishing vessels (*boat, canoe, surfboard*): \_\_\_\_\_

Number of fishers in vessels (or associated w/vessels): \_\_\_\_\_

Number of fishers swimming/walking (*no vessel*): \_\_\_\_\_Fishing Gear (*If gears are used in a boat, don't try to specify number of gears (e.g. traps or lines). Simply record number of boats*)

<i>Type</i>	<i>Number</i>	<i>Type</i>	<i>Number</i>
Boats using basket traps		Fence Traps (# fences)	
Boats using hook/line		Other nets (gill nets, shark nets)	
Boats using ring nets / mtando		Boats using unknown gear (too far)	
Beach seines (Juya)			

Violations observed: YES / NO Describe: \_\_\_\_\_

Site: \_\_\_\_\_ Date: \_\_\_\_\_

**WATER CLARITY**Secchi Distance \_\_\_\_\_ m \_\_\_\_\_ cm (*distance disc disappears*)**TRANSECT****Triggerfish (*Balistipus undulates* only)** (Number seen as laying out transect): \_\_\_\_\_**Stareyed Parrotfish** (Only for sites with >1 year experience SAM) - Male: \_\_\_\_\_ Female: \_\_\_\_\_ Juvenile: \_\_\_\_\_**Substrate (benthic)***(Make a tick of type at each meter of transect starting at 1 m go to 40 m. You should have 40 ticks total. When you copy the data to paper, please total you tick marks and put total here for each type)*

Hard Coral	Soft Coral	Seaweeds	Sponge	Halimeda	Coralline Algae	Sand	Seagrass	Dead Coral (bare hard substrate)	Rubble	OTHER (anemone etc)

Total Ticks: \_\_\_\_\_

**Reef Sea Urchins:** *one meter circle at start, mid, end*

Meter Mark	# Large Urchins	# Small Urchins
0		
20		
40		

**Crown of Thorns** (*count along 40 m transect, 1 m on either side of transect line*):

Count \_\_\_\_\_

**Coral Bleaching** (*totally white and newly dead*) – **DO ALONG 20 meters.** Count number of corals touching transect line that are healthy, bleached (totally white), or partially bleached (some white areas). The total count should equal the number of corals touching (under) the transect line. Although only part of the coral will be under the transect line, for every coral directly under the line, search the whole coral for bleaching.

Healthy (no white areas)	Some bleaching (white areas)	Whole coral bleached (white)

Photos taken?      YES      NO

**Trash:** Anywhere in reef area

Trash / Foreign Objects	Net	Fishing Line	Plastic	Glass	Other (describe): _____
Number:					

COMMENTS (e.g. broken corals observed, etc)

\_\_\_\_\_

\_\_\_\_\_