Sub- Region Observation Report Monitoring Protocol
July 27, 2012

INCURSION Point
* Collection Date:
The Trimble GEO XM automatically records the year, month, and day.

* Collection Time:
The GEO XM automatically records your time at which data collection began.

* Monitor Last Name:
Last name of the person recording data.

* Team:
You will be assigned a team number. 1, 2, 3, or 4.
Select your number

* Route Number:
The designated route that the incursion departs from- identified by a number or
combination of numbers and letters- follow local standards

* Sub-Region:
Select the sub-Region that your team will be working in.
AC. BL. BM. BS. CG. CL. CM. EM. FP. etc.

* Camera JPEG#:
An identifier (i.e. a jpeg #) for the photo.

* Line of sight Ft.:
Line of Sight: The number of feet that the incursion visibly extends from the branch point
with the designated route.

* Average Width Ft.:
Estimate of the average width of the incursion for the line of sight. Round to the nearest
foot.

* Azimuth:
The direction, in degrees on a compass, that the line of sight of the trail extends in- use
the direction you faced to take the photo, since this should give the best view of the trail.

* Cross Trail: Yes or, No
Indicator for the unauthorized OHV trail traversing the designated OHV trail to extend on
both sides of the designated trail. Does the incursion cross (i.e. enter and leave) the

designated route, extending in two approximately opposite directions? (as opposed to just leaving or entering it)

* Type of Incursion:
Select the most appropriate option. If it fits more than one category, chose the one closest to top of the list.

	Description of the Type of Incursion
1	**Hill climb nearby**: the unauthorized OHV trail unambiguously leads directly to a very steep (challenging) grade within 1000' of the Start Point. Hillclimb: a steep, challenging OHV trail
2	**Hill climb distant:** there is a hillclimb (see definition above) visible on the horizon but beyond the line-of-sight of the incursion, so that the incursion may lead to that hillclimb, but it is not certain
3	**Corner cut**: the unauthorized OHV trail cuts diagonally around a corner greater than 100' from the intersection of two designated OHV trails
4	**Parallel track**: the unauthorized OHV trail parallels a designated OHV trail and often rejoins the designated OHV trail to create a **braided path**
5	**Campsite route**: the unauthorized OHV trail leads to a campsite, which itself may or may not be illegal
6	**Turn-around**: an unauthorized linear or hemispheric area made bare where vehicles have widened authorized OHV trails or extended ends of authorized OHV trails beyond the authorized endpoint
7	**Cross-country**: the unauthorized trail does not fit one of the above incursion types, and it does not re-join the authorized route

* Landform Type:
Find the best option to describe the topography. (Geographic characteristics) of the area the incursion is located in.

		Description of Landform
	1	**Sand Dunes**: hilly terrain where the soil is nearly completely sand and very porous for water, >10° slopes
	2	**Hilly**: hilly terrain not identifiable as sand dunes, with >10° slopes reaching a height at least 3 meters above the level of the surrounding area
	3	**Wash**: low areas, often sandy < 10° slopes, where water flows river- or stream-like during rains or floods; with or without banks on either side
	4	**Pavement**: very sparsely vegetated area with 50 to 100 % cover of rocks over soil
	5	**Playa**: a dry lake bed, convex to flat landform to which multiple watersheds drain during rainstorms
	6	**Flat**: expansive areas < 2° slope, not part of a playa, may be slightly undulating
	7	**Undulating:** terrain that is between flat and hilly
	8	**High-Banked Wash**: a narrow canyon with steep walls >3 m tall and a wash in the bottom (see description above)
	9	**Alluvial fan**: cone- or fan-shaped deposits of sediment that spread outward where a water course leaves/used to leave a hill or mountain. They may be from 100s of meters to 10s of kilometers long at the base

* Past Management:
Any visible indicators of past management.

No evidence apparent
Brown carsonite
Red carsonite sign
Metal sign
Straw bales
Constructed berm
Rock work
Vertical mulching
Horizontal mulching
Other camouflaging
Fencing
Bollards

* Type of OHV use:
Select one of the follwing:
-1-track (i.e. motorcycle tracks)
-2-track if a 4-wheeled vehicle drove there at least once.
-3-Multi- Track
-4-Other

* Frequency Use:
Estimate how heavily the trail has been used in the last few years, based on soil disturbance and presence/absence of vegetation in the tracks.

None or light/Class I	light use, with some natural revegetation occurring 0-10
Moderate/Class II	moderate use, 11-25 vehicle tracks
Heavy/Class III	indicators of heavy use such as widening, noticeable ruts, whoop-de-do's, or gully erosion over 25

* Past Vandalism:

If you observe that past management efforts have been vandalized in the following ways.

No evidence
Restoration trampled
Carsonite broken
Gunshot holes
Fences cut
Barriers damaged

* Resource Impacted:

Options: select the most appropriate. If it fits more than one category, chose the one closest to top of the list. Look at your maps and figure out where that trail might go to. And or just look around.

Riparian/ Spring
AML
Erosion
Cultural
Sensitive Vegetation
Dumping/ Hazmat
None

* Route Type:

Closed
Unauthorized
PermitUser

* Other Remarks:

Note anything that may be of interest, about the sight, including any concerns/special challenges for restoration success.

Kiosk Point
* Condition:
What condition does the Kiosk appear to be in.

Good
Needs Repairs
Shot up
Missing

* Comment:
Text field for any comments you may have about kiosk. Like old map, address & phone are incorrect,

* Map:
Is there a map on this kiosk?

Yes
No

* Other Information:
Is there other information on kiosk? Rules & Regulation, etc.

Yes
No

* Readable:
Can you see the map & or other Information is it readable to the user?

Yes
No

* Panels:
How many panel are on kiosk?

1 Panel
2 Panel
3 Panel

Existing Carsonite Point
* Collection Time:
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* Route Number:

The designated route that the incursion departs from- identified by a number or combination of numbers and letters- follow local standards

* Vandalism:
If you observe that past management efforts have been vandalized in the following ways.

Missing
Shot
Broken
Stickers Gone

Denuded Area
* Comment:
Route proliferation there are numerous routes going in every direction input the nearest open route number then walk or drive the area of proliferation.