

Restoration Advisory Board Meeting

PHASE I Expanded Range Assessment/Site Inspection Status Update

May 2005

Phase I ERA/SI Objectives

- ❖ Conduct a site inspection to gather data on the quantity and types of munitions
- ❖ Identify/confirm potential target areas
- ❖ Prioritize sites for further investigation
- ❖ Identify high risk sites that may require time critical removal actions of munitions because of explosives safety concern
- ❖ Identify sites needing additional site inspections

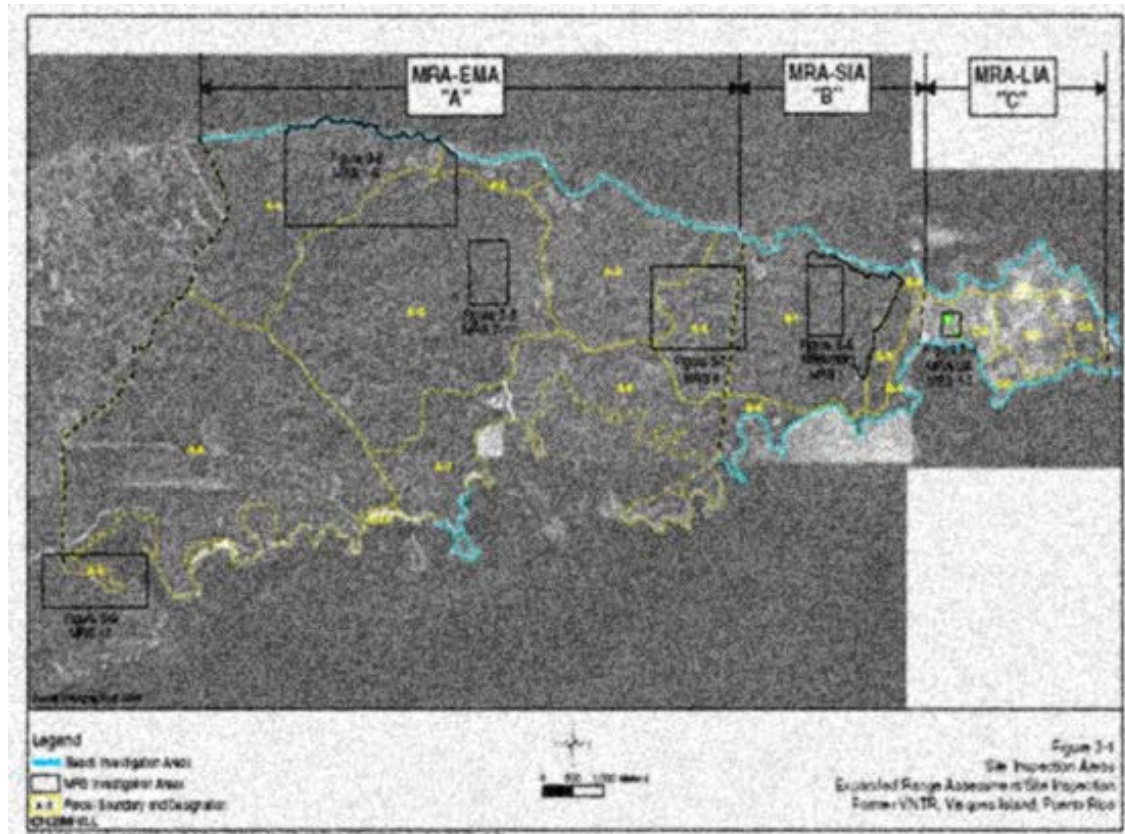
ERA/SI Approach

- ❖ Surface clearance of beaches
- ❖ Inspection of target areas/ranges in EMA
- ❖ Transect inspection of target areas, gun positions, PI-9, and munitions shortfall areas in EMA, SIA and LIA

Recording GIS and GPS Data



Map Of Site Inspection Areas



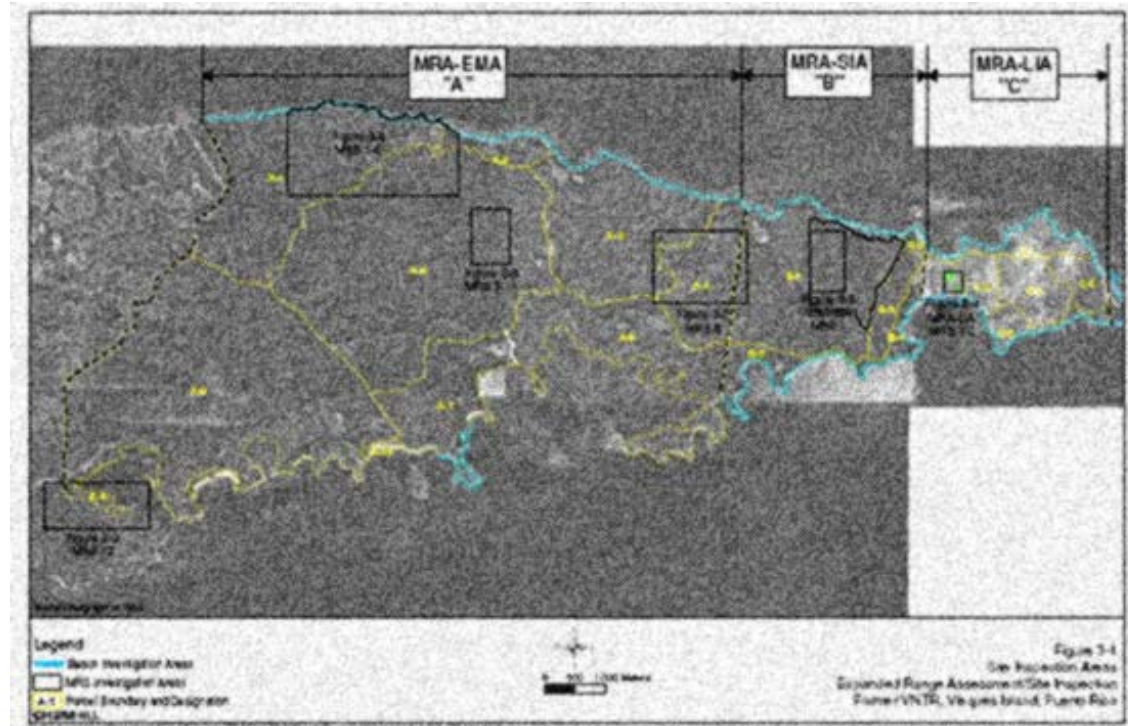
Beach Area Surface Clearance

- ❖ Area inspected
 - 103,000 linear feet (approximate beach area of 50 to 70 acres)
- ❖ UXO items identified- 62
 - all located in LIA with exception of 8" projectile in southeast LIA
- ❖ Metal items detected below the surface - 1,569
- ❖ Munitions related scrap - 3,102 lbs
- ❖ Target related scrap - 1,380 lbs
- ❖ Scrap metal - 200 lbs
- ❖ Performed blow-in-place for all UXO

Surface clearance of MEC from the LIA beaches



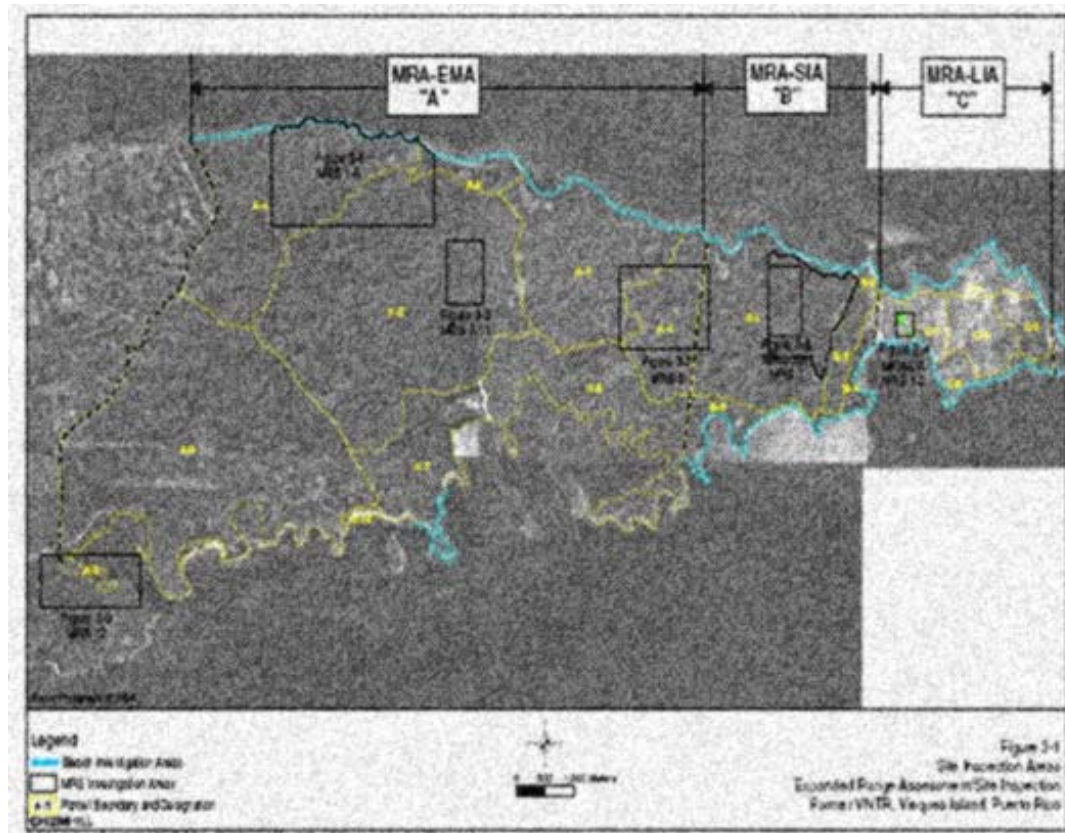
Map Of Site Inspection Areas



EMA Sites

- ❖ Ranges 3, 4, 4A, 4B, 5
 - Area inspected – approximately 10 acres
 - UXO items identified- 3
 - ❖ 40mm projectile, 3.5" rocket, hand grenade
 - Metal items detected below the surface - 671
 - Munitions related scrap - 325 lbs
 - Target related scrap - 9 target vehicles
 - Performed Blow-in-Place for all UXO items
- ❖ Gun Positions 14, 15, 17, 18, and 19
 - Area inspected – approximately 5.2 acres
 - UXO items identified - 0
 - Metal items detected below the surface - 90
 - Munitions related Scrap - 80 lbs

Map Of Site Inspection Areas



EMA Sites

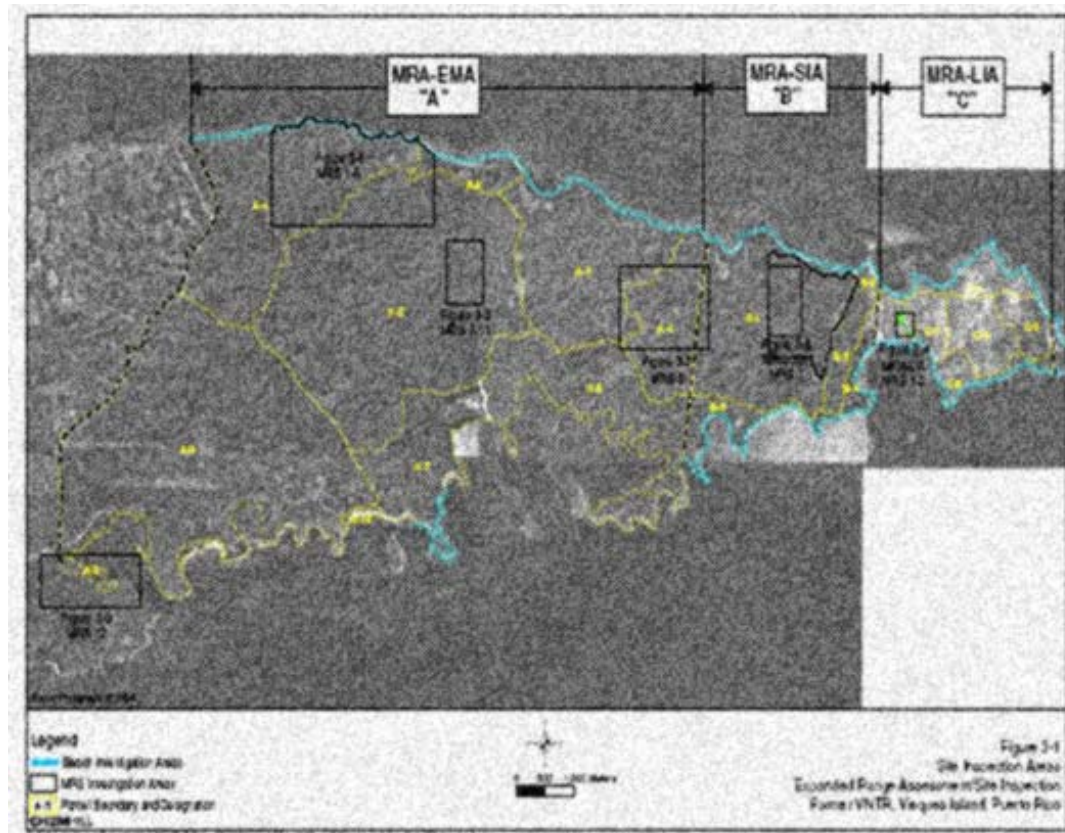
❖ Artillery Shortfall Area

- Area inspected – approximately 2 acres
- UXO items identified- 0
- Metal items detected below the surface - 56
- Munitions related scrap - 75 lbs

❖ Photo-Identified Site 9 (PI-9)

- Area inspected- approximately 3.7 acres
- UXO items identified- 0
- Metal items detected below the surface - 0
- Munitions related scrap - 60 lbs

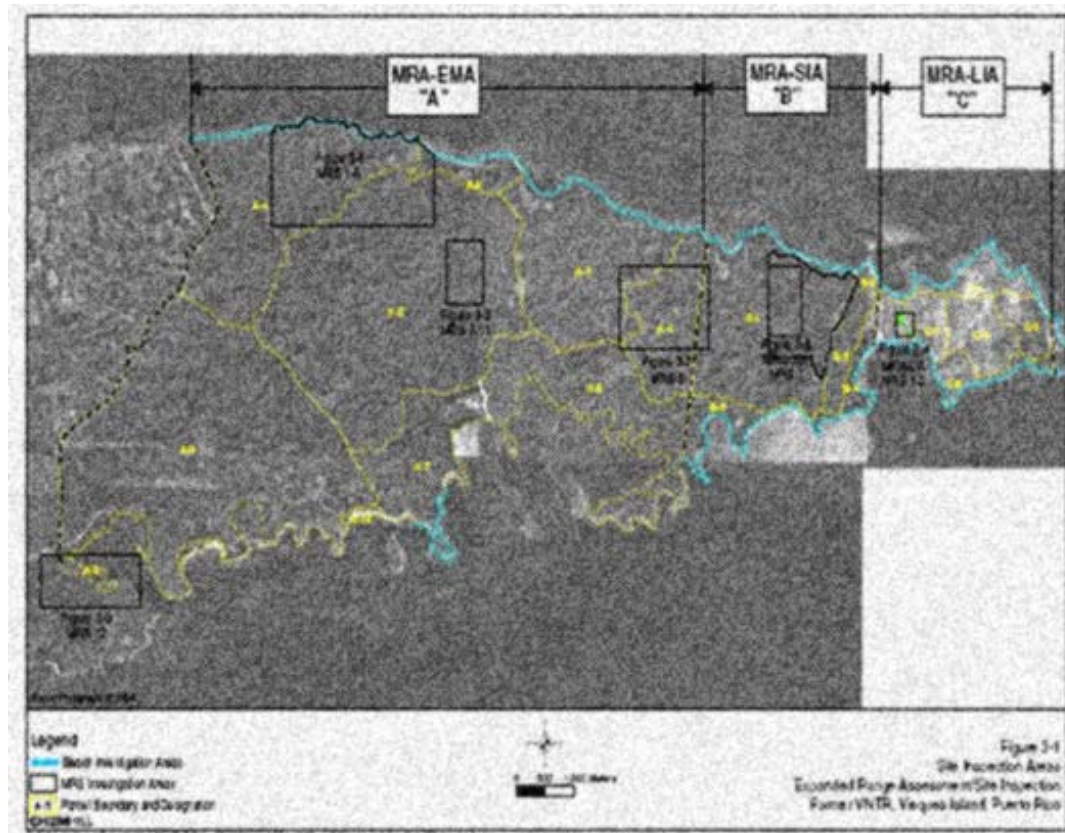
Map Of Site Inspection Areas



SIA - Marine Artillery Targets

- ❖ Area inspected – approximately 15 acres
- ❖ UXO items identified - 65
- ❖ Metal items detected below the surface - 154
- ❖ Munitions related scrap – 1,700 lbs
- ❖ Target related scrap - 25 targets

Map Of Site Inspection Areas



LIA

- ❖ Area inspected – approximately 10 acres
- ❖ UXO items identified
 - Varied types ranging from 20mm to MK83
 - Densities are approximately 185 UXO/acre
- ❖ Metal items detected below the surface
 - Most areas have too much metallic debris on the surface to get accurate subsurface anomaly data
 - Current estimated subsurface metallic item densities are approximately 100 per acre
- ❖ Munitions related Scrap – estimated at 6,000 lbs
- ❖ Target related scrap - 71 targets

MEC in LIA



BIP Set Up at SIA Beach



Blow-In-Place of 8" projectile found on beach at LIA/SIA boundary



Overall Progress

- ❖ Developed approach for conducting BIP activities at turtle nesting areas
- ❖ Public Availability Session held with the community on December 16th
- ❖ Site Inspection of beaches, EMA, and SIA completed
- ❖ Munitions items found on the surface of the beaches of SIA and LIA were removed

ERA/SI Tasks to be completed

- ❖ Inspect remaining areas of the LIA
- ❖ Dispose of scrap
- ❖ Conduct screening
- ❖ Submit Phase II Site Inspection work plan