- A Cooperative Approach -
Future Flight Test Capability & Habitat Preservation

DoD Readiness and Environmental Protection Initiative (REPI)

Desert Managers' Group
April 20, 2006

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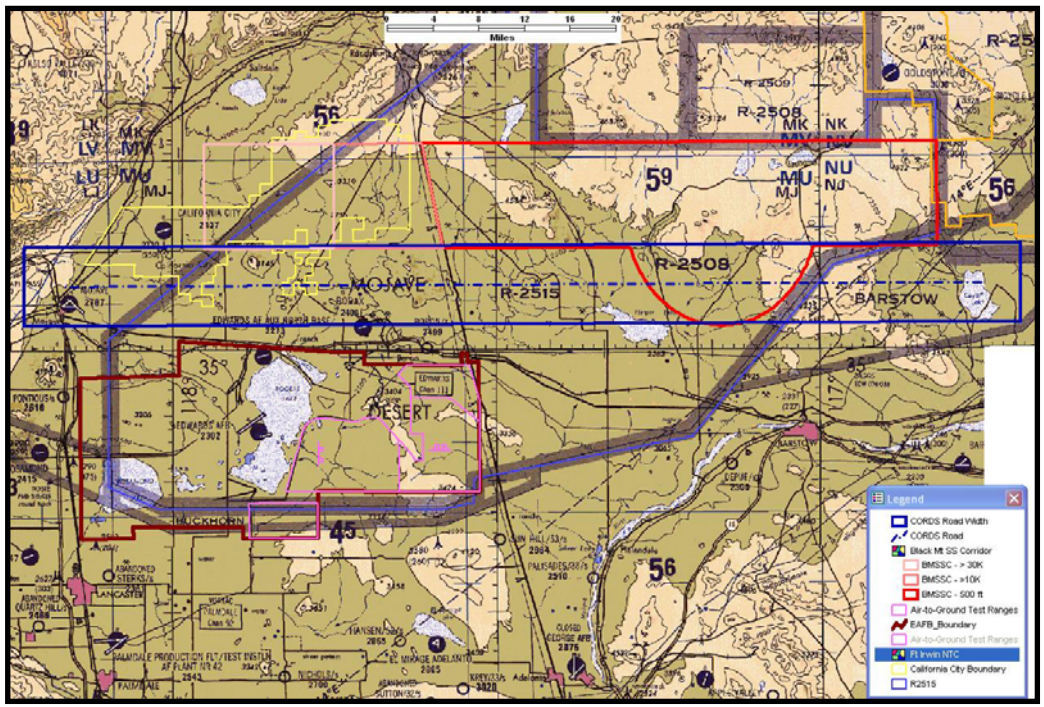
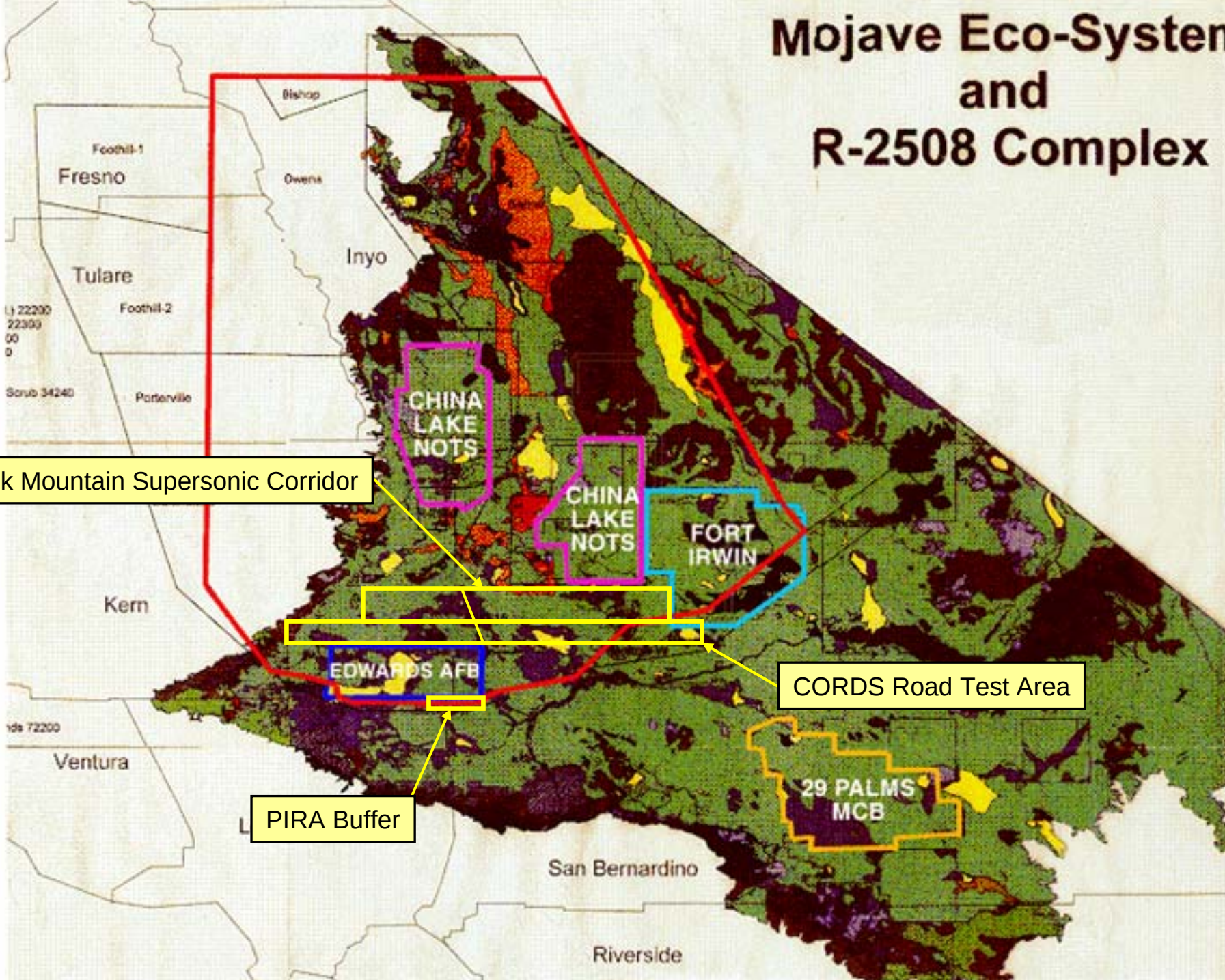
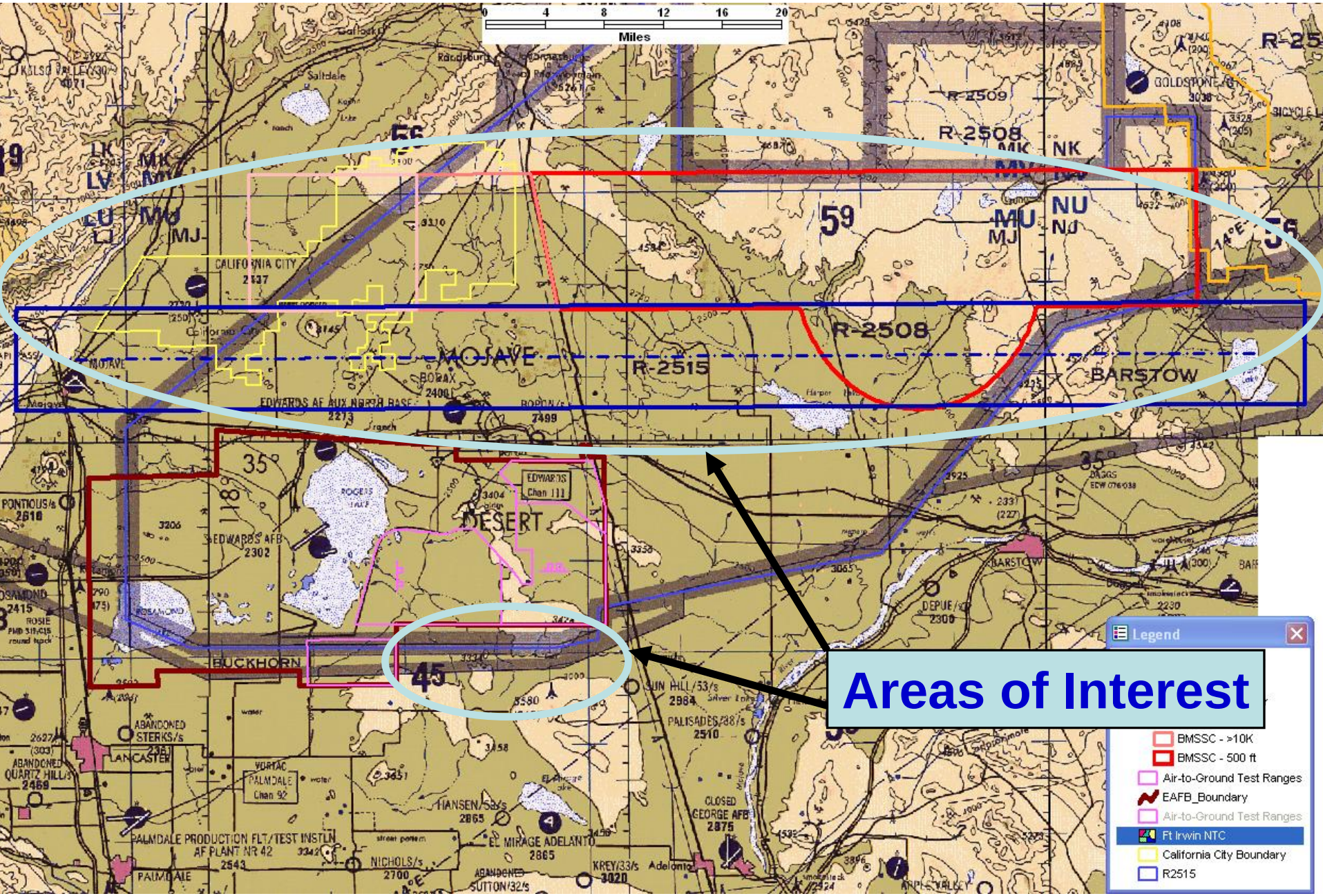
Edwards AFB Environmental Management Division
661.277.9133



Mojave Eco-System and R-2508 Complex





Areas of Interest

2006 CEV Goal #7 – Execute Readiness & Environmental Protection Initiative (REPI) Program

95 ABW

Objective:

- Control incompatible land development on existing private land that would impact the AFFTC flight test mission

Need:

- A weapons test safety footprint can extend beyond the south base border.
- Future development beneath CORDS Road and the BMSSC can limit future flight testing in those areas.

POC: Mr. Larry Hagenauer, (661) 277-9133

- Effort under SE/TA – TYBRIN EMS Task

Performance Objectives for FY06:

- Deliverables for FY06
  - MOU with AVRCD
  - REPI proposal for FY07 and out years
  - Establish PIRA land ownership using $45k Legacy Project

Approach:

- Determine current private land ownership using Legacy and other OSD funding (AFFTC/XPX).
- Establish partnerships with conservation entities (AVRCD and TNC) for REPI funding to establish conservation easements/ownership for control of inappropriate land development.

Schedule/Status for FY06:

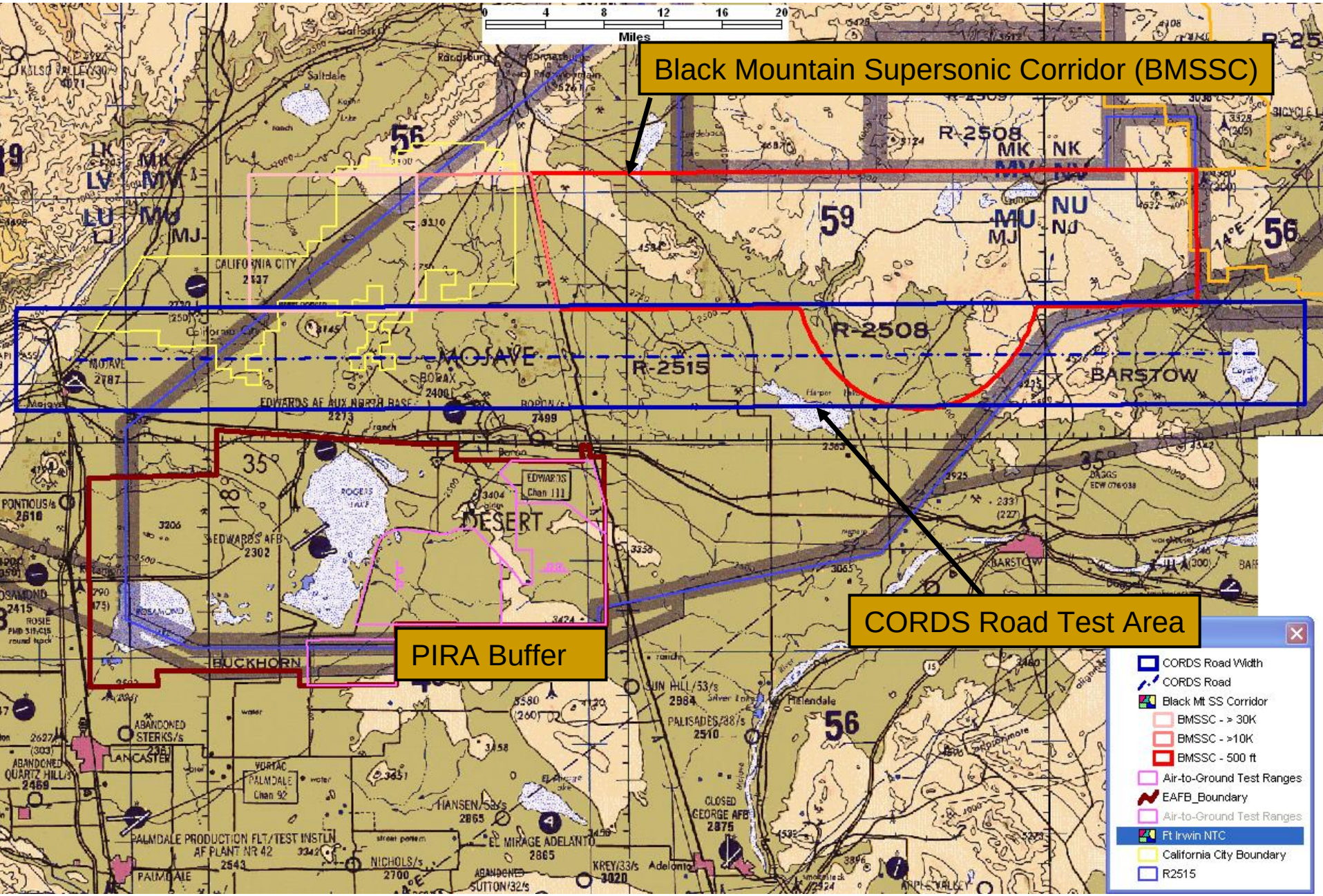
- Draft MOU to AVRCD – Mar 06 (complete)
- Sign MOU – May 06
- Submit REPI Proposal – Jun 06
- Initiate PIRA land research through AVRCD – Jul 06
- Submit Legacy projects for CORDS Rd and BMSSC – Sep 06

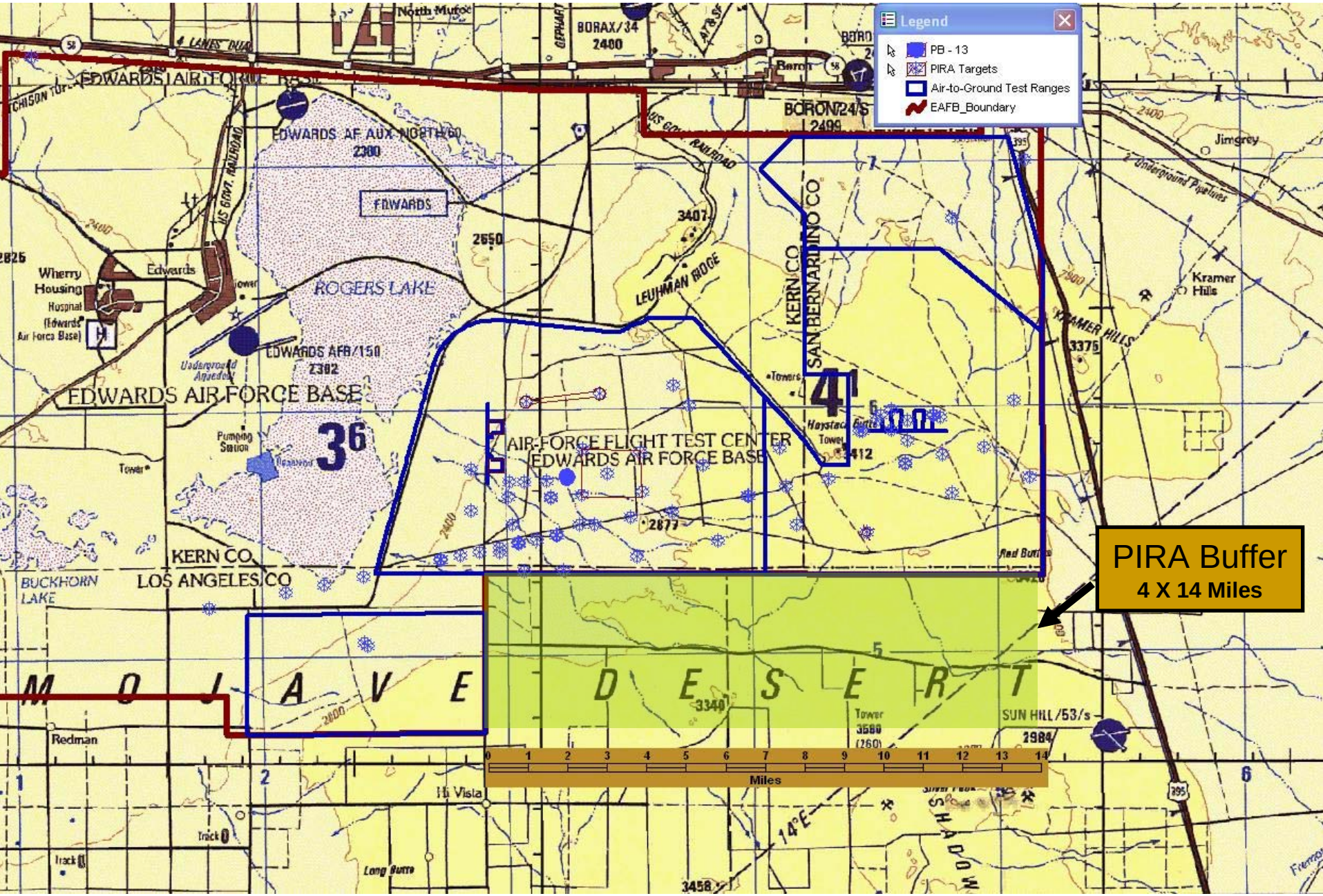
REPI Program Criteria

- 10 U.S.C. §2684a Cooperative Agreement Authority
- Allows Services to enter into cooperative agreements with “eligible entities” to address use or development of property near a military installation
- “Eligible entity” is state government or private organization with specific purpose of land or natural resource conservation
- Purpose of agreements is to limit use or development of property near military bases, or to preserve habitat to relieve environmental restrictions on military operations
- Service and cooperating partner may share costs

Goal #7 – REPI Project Programmatic Details

- **Planning (land ownership research)**
  - DoD Legacy funds ($45k)
  - OSD/AT&L ($50k promised through AFFTC/XPX)
- **Execution (conservation easement/deed)**
  - **Readiness and Environmental Protection Initiative (REPI)**
  - Title 10 Section 2684a (FY03 NDAA)
  - Requires partnering and cost sharing with state agency or private conservation group
  - Partner executes the easement/purchase – Not a DoD property acquisition program
  - FY06 REPI funded at $37M (Army is way ahead in using the program)
- **Partners**
  - Antelope Valley Resource Conservation District (AVRCD)
  - The Nature Conservancy (TNC)


Black Mountain Supersonic Corridor (BMSSC)
CORDS Road Test Area
PIRA Buffer
0 4 8 12 16 20
Miles
R-2508
R-2515
MOJAVE
DESERT
BARSTOW
EDWARDS AF AUX NORTH BASE
EDWARDS AFB
CALIFORNIA CITY
BUCKHORN
LANCASTER
PALMDALE
PALMDALE PRODUCTION FLT/TEST INSTLN
AF PLANT NR 42
EL MIRAGE ADELANTO
CLOSED GEORGE AFB
CORDS Road Width
CORDS Road
Black Mt SS Corridor
BMSSC - > 30K
BMSSC - >10K
BMSSC - 500 ft
Air-to-Ground Test Ranges
EAFB_Boundary
Air-to-Ground Test Ranges
Ft Irwin NTC
California City Boundary
R2515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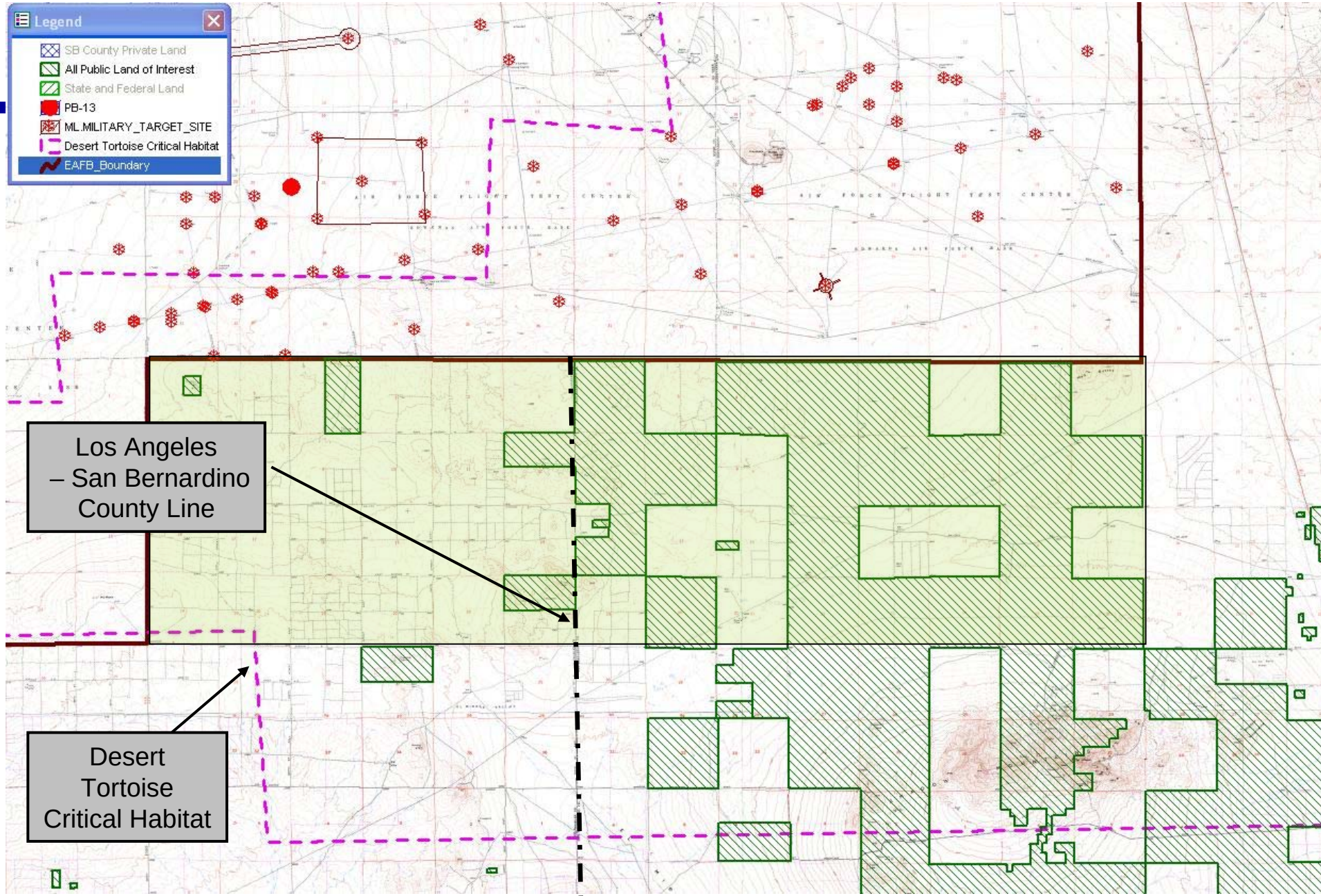
PB - 13
PIRA Targets
Air-to-Ground Test Ranges
EAFB_Boundary
PIRA Buffer
4 X 14 Miles
EDWARDS AIR FORCE BASE
EDWARDS AF AUX NORTH/60
2300
EDWARDS
ROGERS LAKE
EDWARDS AFB/150
2302
EDWARDS AIR FORCE BASE
AIR FORCE FLIGHT TEST CENTER
EDWARDS AIR FORCE BASE
KERN CO
SAN BERNARDINO CO
KERN CO
LOS ANGELES CO
BUCKHORN LAKE
LEUHMAN RIDGE
KRAMER HILLS
Kramer Hills
Jimgrey
Wherry Housing
Hospital (Edwards Air Force Base)
Edwards
Pumping Station
Tower
Redman
Hi Vista
Long Butte
Track
M O J A V E D E S E R T
SUN HILL/53/s
2984
Miles
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14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All Public Land of Interest
State and Federal Land
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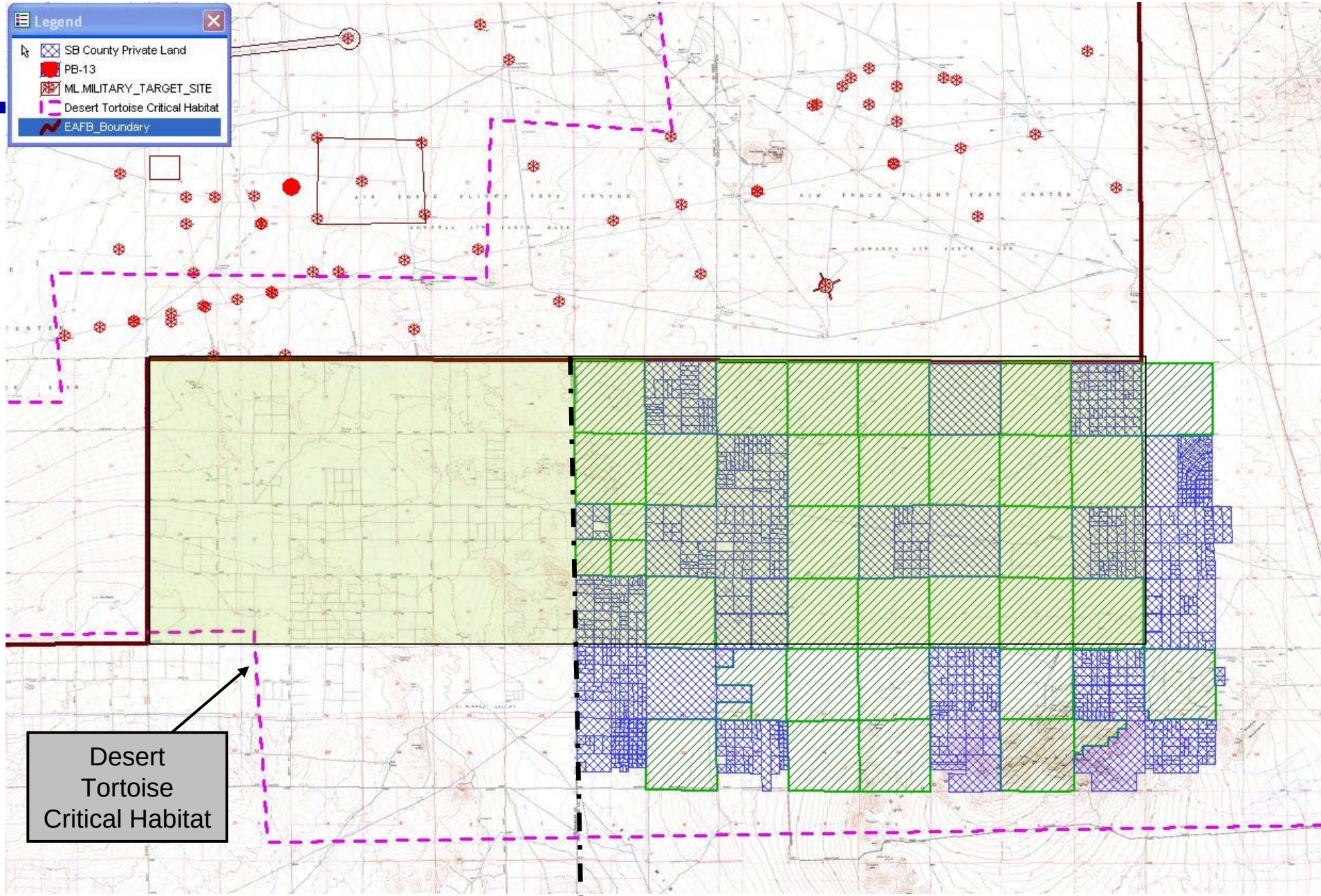
Desert Tortoise Critical Habitat
EAFB_Boundary
Los Angeles – San Bernardino County Line
Desert Tortoise Critical Habitat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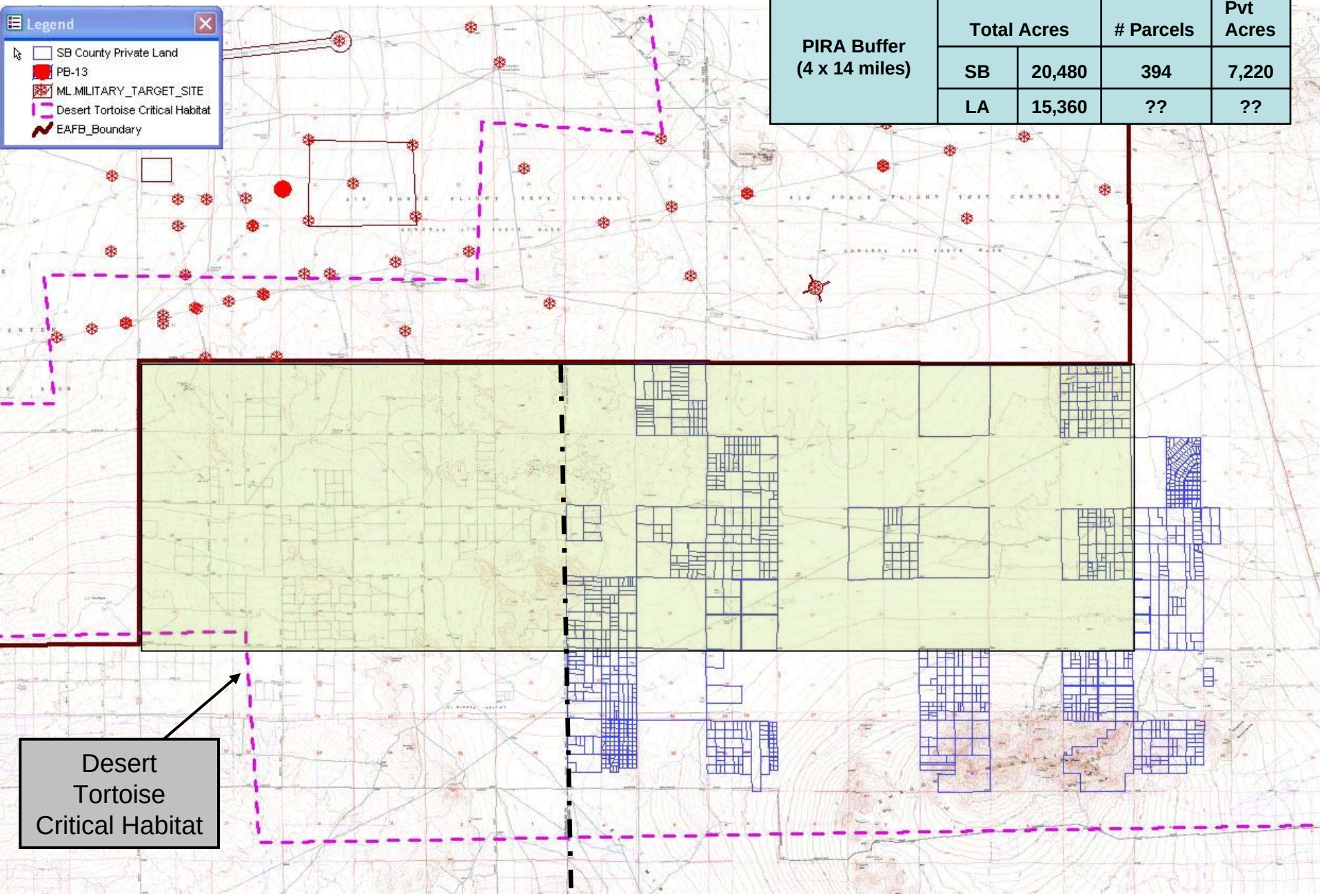
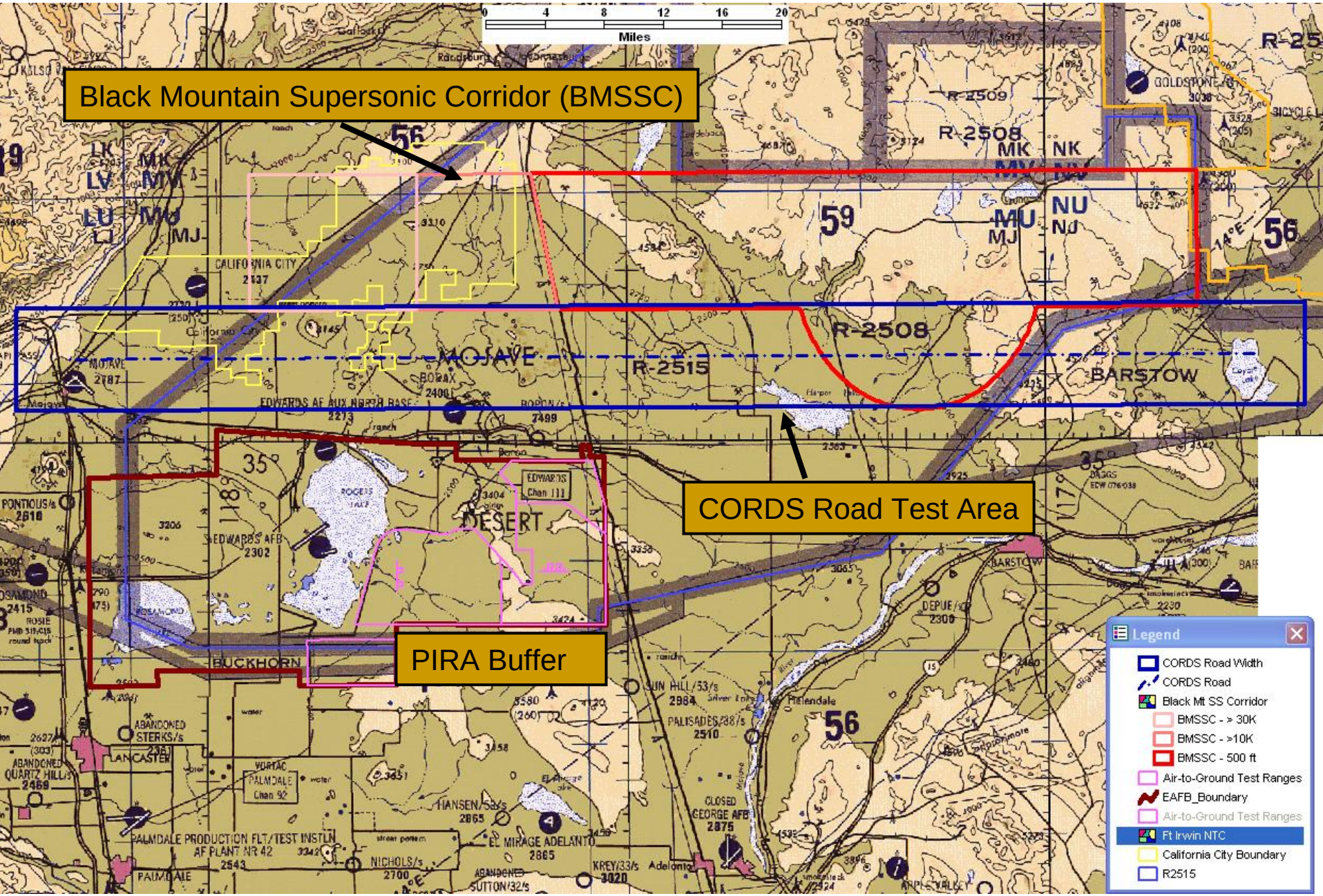
SB County Private Land
PB-13
ML.MILITARY_TARGET_SITE
Desert Tortoise Critical Habitat
EAFB_Boundary
Desert Tortoise Critical Habitat

PIRA Buffer (4 x 14 miles)	Total Acres		# Parcels	Pvt Acres
	SB	20,480	394	7,220
	LA	15,360	??	??




Black Mountain Supersonic Corridor (BMSSC)
CORDS Road Test Area
PIRA Buffer
0 4 8 12 16 20
Miles
R-2509
R-2508
R-2515
MOJAVE
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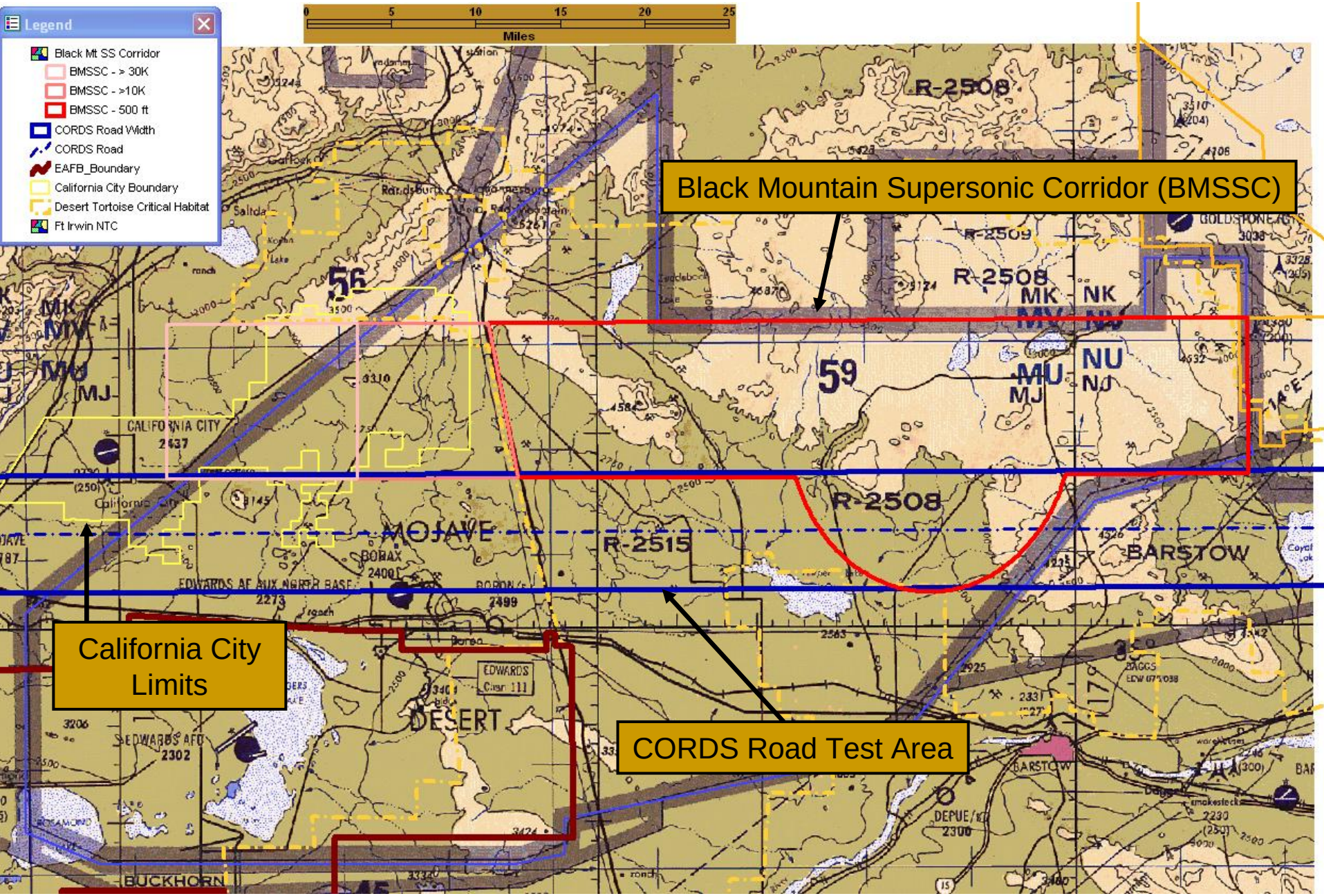
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0 5 10 15 20 25
Miles
Black Mountain Supersonic Corridor (BMSSC)
California City Limits
CORDS Road Test Area
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DEPUE
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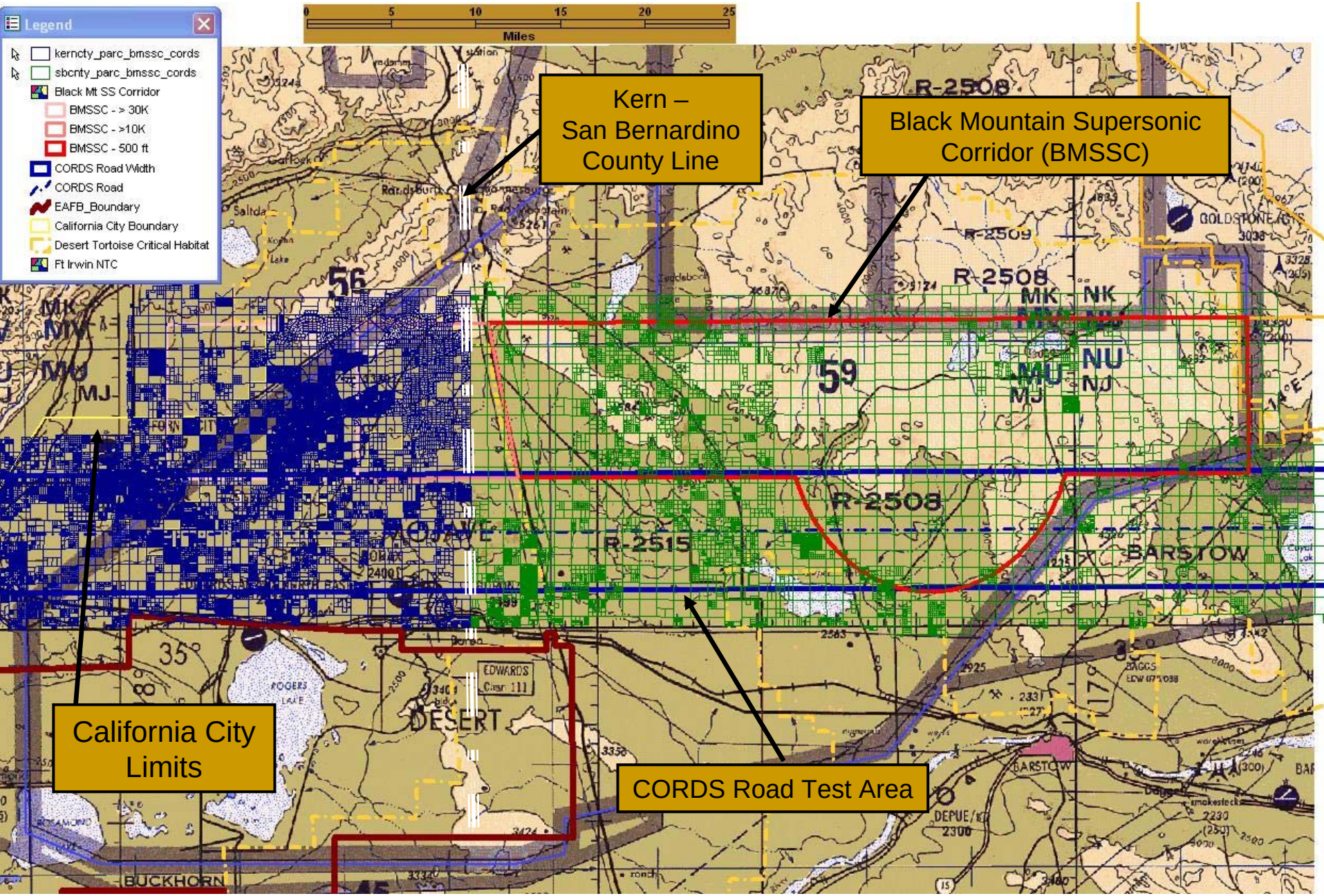
MK
NK
MV
NV
MU
NU
MJ
NJ
56
59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sbcnty_parc_bmssc_cords
Black Mt SS Corridor
BMSSC - > 30K
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0 5 10 15 20 25
Miles
Kern – San Bernardino County Line
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56
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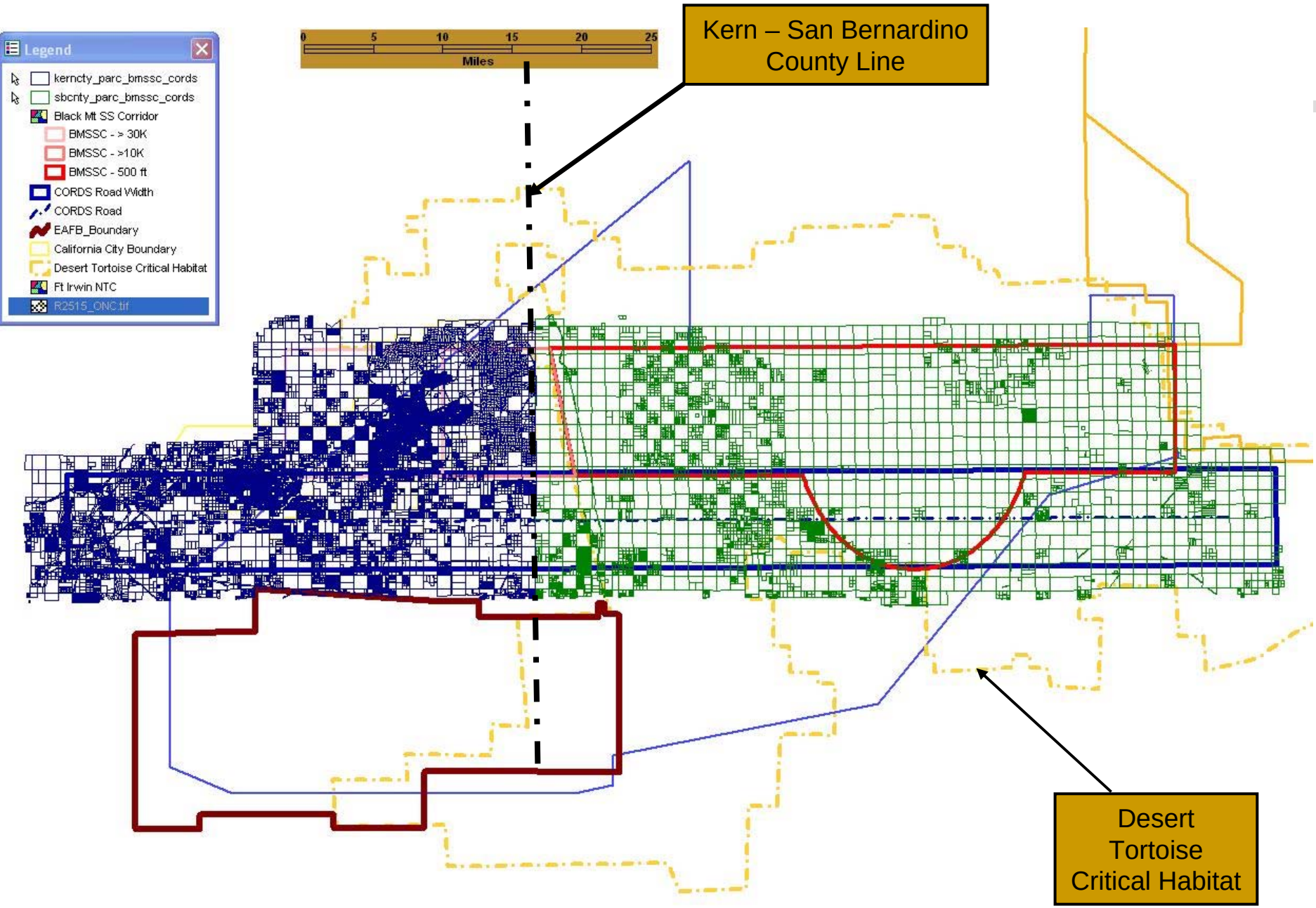
2300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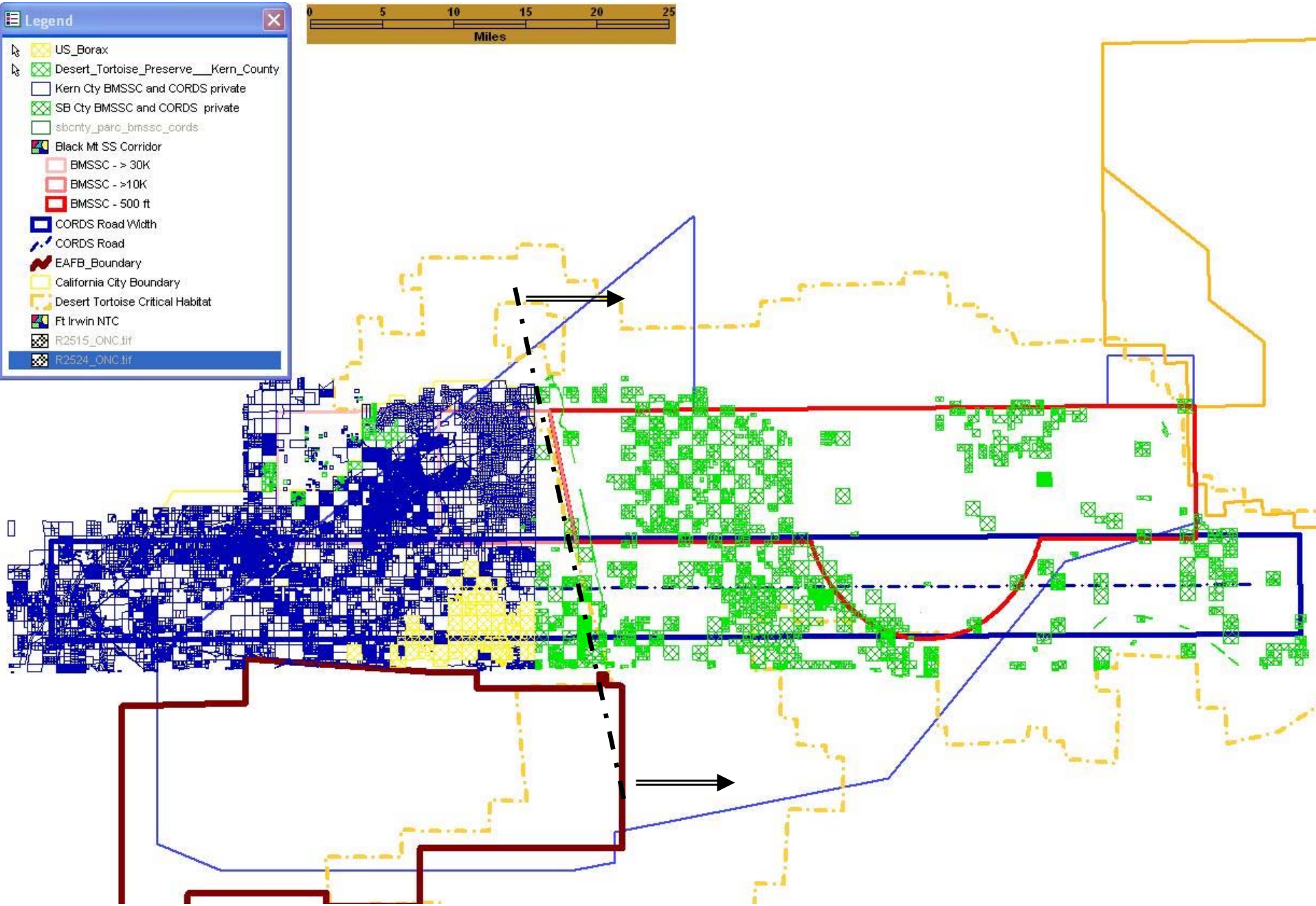
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Kern Cty BMSSC and CORDS private
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sbcnty_parc_bmssc_cords
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R2515_ONC.tif
R2524_ONC.tif
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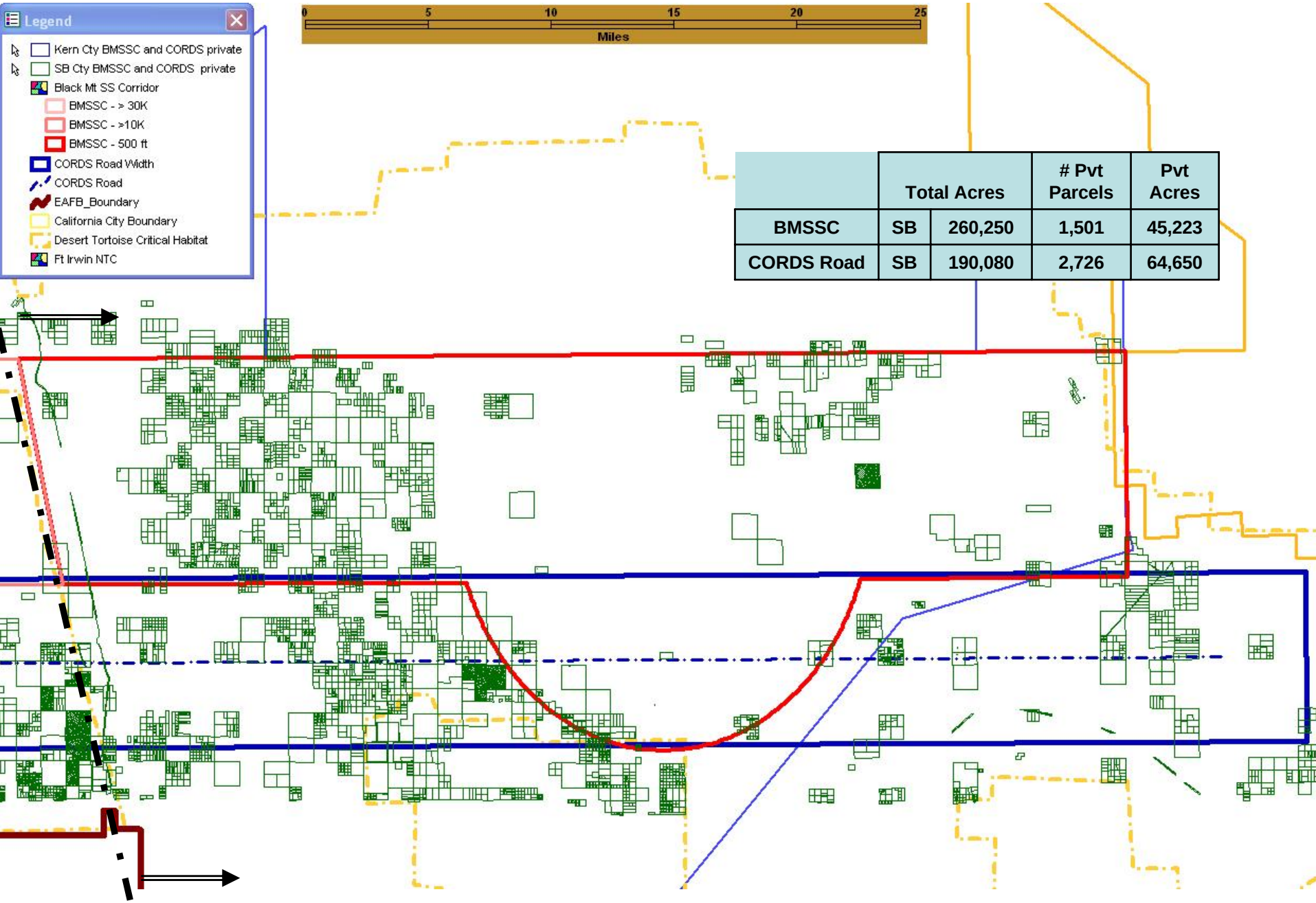
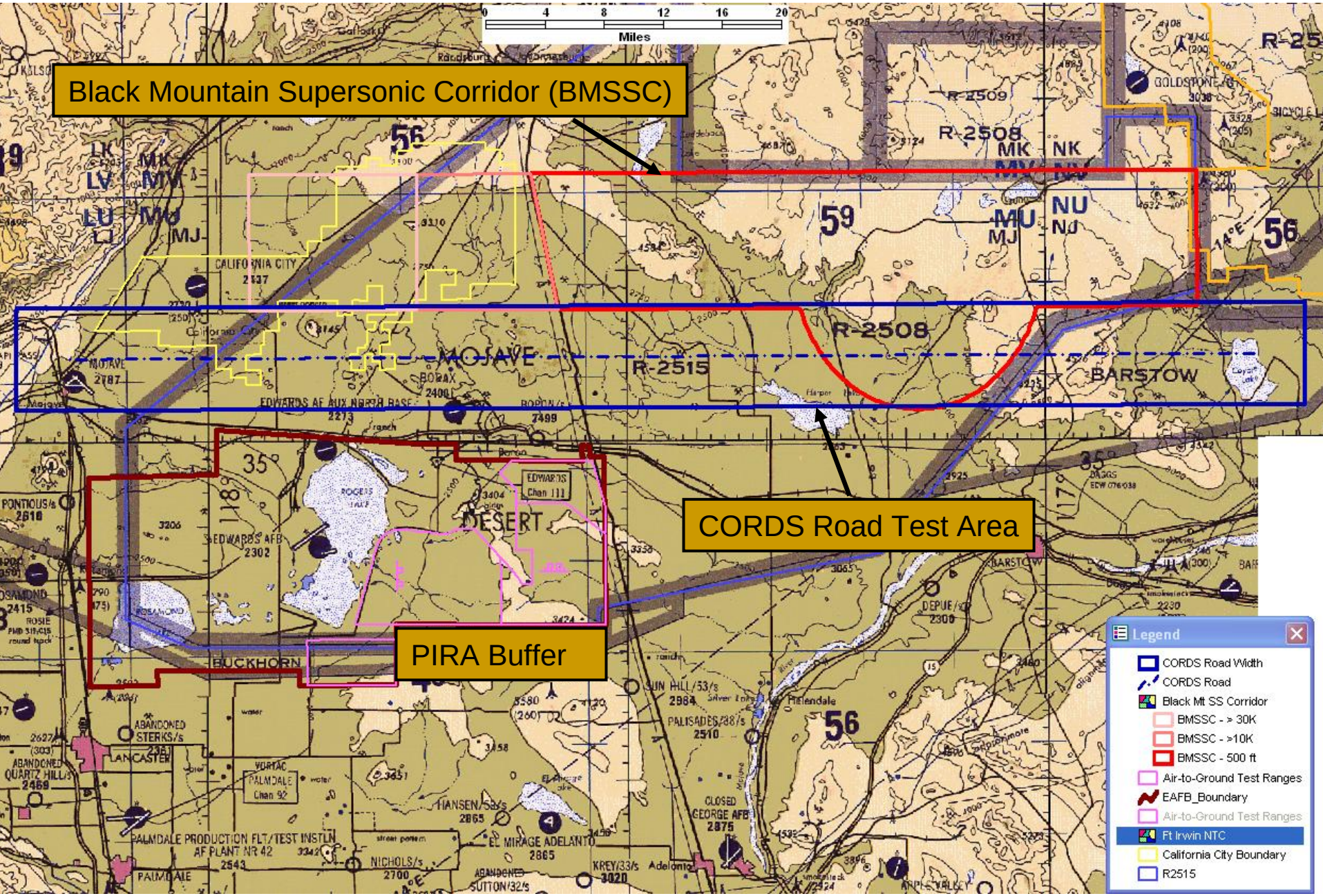
20
25
Miles



		Total Acres	# Pvt Parcels	Pvt Acres
BMSSC	SB	260,250	1,501	45,223
CORDS Road	SB	190,080	2,726	64,650

Edwards AFB REPI Project
Data Summary

Area	County	Total Acres	Pvt Parcels	Pvt Acres	
BMSSC	San Bernardino	260,250	1,501	45,223	
CORDS Road	San Bernardino	190,080	2,726	64,650	
PIRA Buffer	San Bernardino	20,480	394	7,220	
	Los Angeles	15,360	Not Available	Not Available	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