AMERICAN INDIAN RESERVATION AND TRUST LANDS BOUNDARY MAINTENANCE

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GRIDDED LAND SYSTEM

“Created by the US

... Public Land Survey System (PLSS)
  - Land Ordinance of 1785
    ◊ Proposed by Thomas Jefferson
  - Adopted by the rest of the World

... US is falling behind

“Resource Management

... Ownership
American Indian Area (AIA) layer

- Federal Indian Reservation
  - Lands reserved for a tribe or tribes under treaty or other agreement as permanent tribal homelands
  - Federal government holds the title to the land in trust on behalf of the tribe

- Allotted Lands
  - Remnants of reservations broken up during federal allotment period
  - Held in trust

- Restricted Status (Restricted Fee)
  - Held by an individual Indian person or a tribe

- State Indian Reservations
  - Lands held in trust by a state for an Indian tribe
  - Subject to state laws
HISTORY BOUNDARY LAYER

Base Themes Layer Creation

... 1992
- Paper to digital creation
- Roads, Rivers, Boundaries

... 1994
- BIA utilized ESRI base-map layers
- Team changes over boundary layer creation
  ◇ 14 Person Team
Geographic Data Service Center

...Tabular property reports created from Land Realty Information System (LRIS)
  - Trust Asset and Accounting Management System (TAAMS) replaces LRIS in 2006

...Run through program
  - 10-40% Errors
  - Manually input if Error

...Sent to LTRO for Verification
...Data Added To AIA
...Data Shared
END OF THE GDCS

“ Boundary program defunded in 2006
“ Kept running by other funding
    ... Limited capabilities
    ... Last AIA update 2007
“ Moved to Albuquerque 2007
    ... Became the National Geospatial Resource Center (NGRC)
In 2009 Deputy Director of Trust Services wanted the boundary program reinstated

... Deemed unacceptable not to have it maintained
  - Program was reinstated without additional funding

... Agreements with LTROs had lapsed
  - Verifications left uncompleted
  - No AIA updates were published
END OF THE NGRC

- In Late 2010 NGRC was closed
- In Early 2011 Office of Trust Service Geospatial Support (OTSGS) was Created in Denver
  - Supports Geospatial Training, Helpdesk, and the dissemination of the DOI’s Enterprise License Agreement (ELA) with ESRI
  - Has started looking into updating the AIA
THE OTSGS

“Working w/ Census Bureau

“Needs 2 things to begin BIA AIA updates
... BIA director to create a National Policy Memo reinstating the program
... Funding to be put in place

“Currently National Indian Oil & Gas Evaluation & Management System (NIOGEMS) and the Land Buy Back Program (LBBP) are using tabular TAAMS data which has no spatial component
FUTURE

“Working with a DOI wide National Boundaries Group
  “Developing standards
  “Leveraging other organizations that have more resources and have a common need

“Set up a Viewer
  “To allow users to collaborate and contribute on data
QUESTIONS?