
CAS/CAIS-LANL SITE

Noah E. “Gene” Buck



LANL-Site

- 40 sq. mile area divided into 49 Technical Areas
- 2121 active assets in FIMS= 8,444,815 sq. ft.
- 802 Buildings=8,037,459 sq. ft.
- 317 Trailers= 407,356 sq.ft.
- 1004 OSF's
- 33 Mission Critical= 2,174,730 sq.ft.
- 368 Mission Dependent= 1,522,190 sq.ft.
- 1727 Not Mission Dependent= 4,747,895 sq.ft.
- DM = \$856,579,786
- Site RPV = \$11,691,362,007
- 100 Excess Assets=397,993 sq.ft. DM=\$112 Million



LANL- CAS/CAIS

- Assets Grouped into 8 Maintenance Management Units, plus Archived, Excessed, & Unassigned structures
- 11,052 Records total
- 6,652 DM Records =\$905,143,989
- 969 RIC Records =\$634,309,364
- 3,434 Null Records=\$488,339,100
- 520 are planned to be DM this year

LANL- CAS/CAIS

- Inspecting with subcontract personnel-may hire own inspectors-eventually
- We've had them create some sustainment models
- Inspecting on the required five year cycle
- 8 Maintenance Management Units report quarterly DM buy down and occasionally add new deficiencies
- Send them quarterly DM reports. Training their personnel to use CAIS
- Beginning to flag work orders in Passport with DM tracking numbers, and also tagging IU's with work order numbers

LANL- CAS/CAIS

- Added overdue PM's and work orders from Passport last year and will do the same this year
- Utilities Group is planning on continuing inspections for OSF's / Infrastructure
- Last year they started inspecting OSF's for Elect, Steam, Sewer, Gas, & Water
- Created new assets in FIMS and assisted in adding DM to CAIS
- Each new utility OSF record has a GIS code-from the U-MAP Group which is added to a specific field in CAIS

LANL- CAS/CAIS

- 520 Utility IU's nulled in CAIS - totaling \$157M that will be switched on this year as DM, after the assets are created in FIMS
- Will probably take 1-2 more years to get all OSF's inspected with their RPV's in FIMS and DM in CAIS
- This will include roads, paving, parking, grounds, etc.
- Many of our RPV's with associated models were evaluated and adjusted up this year by a group of estimators
- Our site RPV's increased from \$7B to 11B

LANL-Future

- Recent committee formed to review OSF's in FIMS
- Includes CFO office, Utilities, FIMS, and CAIS personnel
- FRPC audit coming in April
- Reviewing the process of how OSF's are created in FIMS
- Idea is to clean up the OSF's by retiring legacy assets, consolidating some, and finish creating area utility systems by usage codes to coincide with the Utilities effort
- Assign ownership of Unassigned assets (OSF's)

LANL-Future

- Perform MEL updates while inspecting
- Sustainment models continuing-would like to see models for all assets
- Talk of using electronic notebooks in the field
- Review our site loaders, adders, and cumulative adders
- Linking Passport to CAIS-much talk on this subject-electronic link or load all DM into Passport