Network Noise

Surplus Facilities & Land Database

Anna Marie Trujillo
DOE/AL

The AL Surplus Facilities and Land (SF&L) database has been used successfully by AL sites to collect information on assets for the recent HQ Excess Facilities Initiative. The purpose of this initiative was to support FY99 budget decisions in the Department. The SF&L database, developed in Microsoft Access by the AL Site Planning Team and Wastren, the Grand Junction Operating Contractor, proved up to the task.

The AL/Site Planning Team saw the need to provide the SF&L database as a tool to help the DOE/AL sites meet some of the requirements for integrated comprehensive site planning. The database assists AL with decisions concerning allocation of limited funding for disposal of property. As the requirements for life cycle planning increase and budgets continue to decline, it is imperative that the DOE and its contractors work together to solve asset related problems. The SF&L database is a tool that can be used to help identify and plan for the disposition of

INSIDE THIS ISSUE

Notes from Y-12

Jane Nations
Lockheed Martin, Y-12

The Y-12 CAS program is striving towards becoming a useful asset to the plant. We are continuing to provide services to both utilities and maintenance, assisting in the development of the master equipment list. Recently, our services were utilized by utilities to obtain state and government permitting for the plant. Feedback from both programs has been very positive, and efforts are underway to provide similar services for the FY98.

We recently obtained the K-25 database, and are currently working with DynCorp to manage both sites on one system. The Y-12 inspectors are continuing to provide service at K-25, as well as working towards the second full inspection of the Y-12 facilities. Provided the impending cutbacks don't affect our program, we anticipate the upcoming year to be as productive as this one has been.

From the Navigators Point of View

Charles Lamb
Lockheed Martin Energy Research, Oak Ridge National Laboratory

The CAS Program is building steam as the year progresses. We are branching out into several areas: We have built a new database to identify the facilities within ORNL, along with a picture of each. If there's a facility number our folks have laid eyes on it, and a picture to prove it. We will be working closely with engineering to update their records and also try to update MapInfo. The Program Maintenance Group has asked for the help of CAS to identify each piece of equipment that is on the program maintenance and also each piece of equipment that has slipped through

assets.

DOE continues to spend money for the surveillance and maintenance (S&M) of excess assets. This expenditure puts a strain on limited resources. The SF&L database addresses this problem plus others with three key features:

♦ The SF&L database will store mortgage cost data for those assets identified by the site to be excess. This cost information will be used to assess if detailed studies should be initiated to determine if cost benefits may be achieved through expedited asset dispositions.

♦ The SF&L database tracks the plans required to reach the planned disposition end point.

♦ The SF&L database tracks the current status of an excess asset and assets that may become excess within 10 years.

The fact that selected facilities can be imported into SF&L from the DOE corporate database, Facilities Information Management System (FIMS), Download File was an important feature. The other useful feature is that data for selected facilities already in SF&L can be "synchronized" with FIMS. This means that key data fields in SF&L, which are common with FIMS, can be updated to match FIMS.

The AL sites have embraced the SF&L database and find it a useful comprehensive integrated site-planning tool. For more information, contact Anna Marie Trujillo at 505-845-6387.

Seismic Tracking System

Anna Marie Trujillo
DOE/AL

A Seismic Tracking System (STS) was developed by HQ/FM-20 to meet requirements of the Evaluation phase and Cost phase of the Executive Order 12941 Seismic Safety of Existing Federally Owned and Leased Buildings. The STS provides 14 additional data elements that are needed to comply with the reporting requirements to FEMA as stated in the Executive Order. The STS is a Microsoft Access application that requires a connection to the DOE Corporate database, Facilities Information Management System (FIMS), for initially loading the data and for uploading the data to the FIMS file saver.

The STS has been distributed to the FIMS Operations Office System Administrators for distribution to their field office FIMS users.

The FIMS users install STS and initially load the system with the Seismic Inventory Phase data from FIMS. Once the initial load of data is completed, the FIMS user can create a Remote Seismic Tracking System (RSTS) which can be handed off to a non-FIMS user (i.e. Seismic Engineer) for data collection. A Seismic report can be developed that is used as a data collection form as well as to verify the completeness of the data input into the STS/RSTS.

LCAM/CAS Network Conference Calls

Van Jones
DOE/HQ

We have had three successful LCAM/CAS Network Conference Calls since our last workshop. We decided that we would hold the conference call at 11:00 a.m. EST on the second Wednesday of each month. This would allow the group to hear what was decided at the FIMS Meet-Me Conference Call that is held the day before. The next conference call is scheduled for August 13. The phone number for this call will be 202-287-1398.

FIMS FAC Workshop

Van Jones
DOE/HQ

The FIMS FAC workshop was held in Chicago from May 28-30, 1997. It was a very interesting and dynamic workshop. Participants indicated that is was one of the best workshops that they had ever attended. Presentations were both informative and interesting.

Darrell Tullock gave an interesting presentation on the FIMS/CAIS interface. He told the group of some of the things he has done at Oak Ridge to increase communications between the CAS and FIMS group. The group found the presentation of value and asked for copies of his handouts. Norm Sproles, Rocky Flats, provided the group a copy of a document that he developed which included DOE acronyms, definitions and FIMS definitions. We have placed a copy of that document on the FIMS message board. I will provide

a copy of that document to the LCAM/CAS Network Group for review.

We are asking that everyone pay particular attention to Part III, FIMS definitions, and provide me comments as appropriate. We plan to conduct our next workshop in Boulder, Colorado in October 1997.

Next Site CAIS Release

Charlie Lu
DynCorp

The next release of Site-CAIS (which will be version 3.1.2) is planned for the September 1997 time frame.

The following enhancements will be included:

♦ The ability to browse IUs in the Survey IU tab

♦ The ability to remove data elements that are no longer effective and have no links

♦ The ability to extract FIMS data using MS Access and importing the extracted data into CAIS using the FIMS/CAIS interface (you will no longer need an Oracle dump file from the FIMS contractor)

♦ The addition of a Summary Information Tab in the Survey IU section of the desktop survey

There will also be a handful of bug fixes as well.

Pantex CAS Status

Robert Von Eschen
Pantex

September 1997 will complete the first three year CAS Inspection Cycle, with all site facilities having a condition/deficiency inspection. The critical facilities will have had three (annual) inspections. The major deficiency remains the repair or replacement of roofs.

CAS staff remains at two (Jerry Williams & Bob Von Eschen) with no increase in sight, but work scope remains for a full crew. We are told that a major reorganization is due in October and the CAS effort will be affected. The new division manager, J.N. Gilbert has found value in the CAS program products, thus survival seems assured, and even a possibility of expansion.

A new approach to a facility list has been developed for use in the next inspection cycle, with maximum coverage of information as requested by the several site CAS customers. This CAS Inspection Listing also

will provide a continuous upgrade of information for input to Pantex FIMS.

The proverbial cracks. We will provide this group with a digital picture and verification.

With the experience and talent of the inspectors at ORNL, The Sky is the Limit!!!

You have already heard of it this year, but here it is again: **CATCH UP---MOVE OVER---OR GET OUT OF OUR WAY!!! ORNL CAS GROUP IS COMING THROUGH.....**

CAS Network Personnel Training

Robert Von Eschen
Pantex

Several network sites have expressed a need for training in various subjects, and as a group we may be able to promote some centralized classes. Please e-mail your need for this or any other training to rvonesch@pantes.com. Some of the possible subjects of interest are:

♦ CAIS (latest) administrator

♦ CAS inspector

♦ CAS inspector skills

♦ Report generation

♦ Development of site specific inspection elements

♦ CAIS/FIMS interface

♦ Access or other computer programs

Please suggest any other training for which you may have an interest or a need.

Chairman's Comments

Robert Von Eschen
Pantex

The monthly teleconference only takes up to a maximum of one hour of your time. Please join us on the second Wednesday of each month at 11:00 EST at the number e-mailed out by Terry Christie about the first week of every month. Currently calls have varied from 35 minutes to one hour, and a great deal of information has been discussed. Your participation is

needed to demonstrate to DOE that the calls are of value and should continue.

In October the next LCAM/CAS Network Meeting will be held in Albuquerque and should be a benefit to all personnel with demonstrations and discussion of the new CAIS developments presented by Charlie Lu of DynCorp, and discussions of the proposed CAS Program enhancements proposed by Purdue University as presented by Jesse Oak of Parson Brinkerhoff. Since the agenda for the meeting is yet to be developed, please notify me of any time periods that you may want reserved for presentations, or any subjects that you wish researched for open discussion. Also, it is always good to find out what is happening at the individual sites, including our newest members from NASA, and industry.

This newsletter is an important tool in the network communication scheme. Terry Christie has done an excellent job of keeping the "Network Noise" publications developed and sent out. Please do your part in furnishing her with material to populate the newsletter. The information can be most anything of interest to the general population of the network. Please communicate with Terry.

Yucca Mountain

Shirley Lambert
Yucca Mountain

The Yucca Mountain Project is continuing its progress in preparing the new file server to install CAIS on. At that point, data will be transferred from our old server to the new server and we will continue our annual building inspections.

CAIS/CAS Status at Brookhaven National Lab

Peter Eterno
Brookhaven National Lab

Since 1993, Brookhaven National Lab has been operating its Building Inspection program using 1.5 FTE's. Our responsibilities include not only conducting building inspections, but revising AutoCAD building drawings, interfacing with Safety and Environmental personnel regarding its safety instruction program, conducting ORR's (Occupational Readiness Reviews), and conducting special assignments for all levels of O&M (operations & maintenance). Brookhaven adapted the DOE/CAIS program since its inception, going through the many highs and lows of the program along with many of the rest of you. We purchased the hardware and software, went through various training courses and attended many workshops.

Approximately one year ago the decision was made to unplug the CAIS server and develop our own software program. The decision was not made hastily and without reservation. However, the lack of funding, site technical support, and the lack of upper management support led us to no other choice. A Microsoft Access program was developed by the CAS group that incorporates most of the CAIS/CAS methodology. Using our customized Access program we were able to develop links between:

♦ FIMS

♦ Major proposed projects to upper management

♦ Work orders to CMMS

♦ Preventive maintenance master site equipment list (MEL)

♦ Surplus equipment inventory

♦ AutoCAD building drawings

♦ Digitized camera software programs

Although we are not presently using the CAIS program, we will continue to keep an active interest in any future developments regarding CAIS/CAS, i.e. future versions of CAIS/CAS software, monthly conference calls and CAS networking meetings.

FIMS Data Element Deletion

Van Jones
DOE/HQ

With the release of FIMS version 2.0, several data elements will be removed that are presently in the current release. These data elements should not be populated in an effort to conserve resources. Provided below is a list of data elements that will be deleted.

♦ ORPS Designator

♦ Building Elevation in Relation to MSL

♦ Floor Elevation in Relation to Grade

♦ Nuclear/Non-Nuclear Designation

- Hazardous Materials

- Radiological Contaminants (23 data elements)

- Chemicals (24 data elements)

- Building Group Number

Should you have any questions related to these data elements, please feel free to contact me at 202-586-4050 or e-mail at van.jones@hq.doe.gov.

CAS at LLNL

Paul Reynolds
Lawrance Livermore National Laboratory

CAS at LLNL continues to be an integral part of our Facility Management Program. The laboratory and its various Directorates are working hand in hand with Plant Engineering Maintenance Operations. The emphasis is to prioritize the current CAS Deficiency information and reduce the overall Backlog. Major efforts have been made identifying the most important deficiencies to the program as well as M/O. A program priority ranking and maintenance ranking of the CAIS work breakdown structure accomplished these. The program ranking consist of one of the following 1 through 4 identifiers applied to each deficiency by priority:

- Mission Critical

- Mission Essential

- Risk Deferrable

- No Impact

The maintenance ranking of the WBS system is based on a 1 through 10 prioritization, 1 being most important. This is just one of the many ways we a LLNL use CAS Data.

Darrell's View

Darrell Tullock
Lockheed Martin Energy Research, Oak Ridge National Laboratory

As FY98 is right around the corner, we are excited to begin the next phase of our inspection program. Charles Lamb has already stated we are branching out into several areas of gathering, and verifying data (the proof is in the picture). With ORNL experiencing funding cuts, layoffs, and an uncertain future, this opens a new market for our CAS Program. The new market: with manpower reduction and regulations increasing some areas have money to pay for some work but not enough to hire or keep full time personnel. Our program is looking into what we can do to help these individual programs. The main area that we are looking at to support is FIMS (Facility Information Management System). We have developed a great work relationship with this office, and are looking forward to helping this effort, plus many more. I hope that at our next LCAM/CAS network meeting I can share in depth what we are doing, and it might give you some ideas that you can take back home to better your program.

The CAS Program at ORNL has gone through the growing stages, and is now a full grown mature program. Now that we are mature, we are getting more chances to prove our program, and justify its existence. I must give credit where credit is due. I have been blessed with a great group of inspectors and a coordinator. Without these folks commitment to the program it would not be near the program it is today. If we can be of any assistance to you, or your program, please give us a call or e-mail and we will be happy to help.

LCAM/CAS Meeting Notes

David McIntosh
Los Alamos National Laboratory

The information for the LCAM/CAS network meeting at Albuquerque is as follows:

Hotel: Raddison Inn Albuquerque Airport

1901 University SE, Albuquerque, NM 87106

Phone: 505-247-0512 for reservations

Rate: $63.00 per night

Reference: LCAM/CAS Network Group

Please note that your reservations must be made by Friday, October 3 in order to get this rate. We have a block of 35 rooms for October 20 through October 24. If you have any questions or comments send them to me dbm@lanl.gov or call 505-667-4047. I will interface with the hotel contracts person.

Meetings will be held at the DOE Energy Training Center off Gibson Blvd. (about 2 miles from the hotel map to follow by mail). We have NOT made arrangements for group transportation from the hotel to the meeting place, so some folks would be well

advised to contract for rental cars and carpool to the meetings. I will contact the hotel to see if they are willing to provide shuttle for transportation.

Airport shuttle is available from the airport to the hotel. Rental cars are available for pickup at the airport as well. **BRING YOUR DOE BADGE FOR FACILITY ACCESS!!!** We will need a list of attendees to provide to Kirtland Air Force Base for vehicle access passes at least by the Thursday prior to the meeting (October 16) to be faxed to KAFB Maxwell gate vehicle passes 505-845-5262.

I don't have the rates for the meeting facility fees quite yet, (maybe $6 or $7 for the whole deal??) but I will have them within a few weeks. We will run that operation in the same manner that we have in the past in Vegas. We will have a main conference area and two breakout rooms for the duration of the meetings.

CAIS in Los Alamos

Robert Hampton
Los Alamos National Laboratory

The current emphasis of CAIS in Los Alamos has been the refinement of BMAR (Backlog of Maintenance and Repair) data. Recent discussions at the EFCOG about definitions of BMAR1 and BMAR2 have changed the way Los Alamos prepares both our backlog data and our standard maintenance data. At Los Alamos CAS has major imputes to both BMAR1 & 2. We are standardizing the way we do business to incorporate the "cradle-to-grave" deficiency that we cost with RS Means data to estimate both these measures. Once the BMAR data is calculated (usually on a quarterly basis) a score is assigned to the entire building. The BMAR/RPV (Replacement Plan Value) ratio is calculated and an adjectival score (Standard CAS: Excellent to Fail – using numeric percentages) is assigned to each asset. These scores are given to the planning department for use in life cycle planning and Baldridge Quality Award assessments. The BMAR data is also used in our performance measures for our contract between UC (University of California) and DOE. The cradle-to-grave deficiencies are also evaluated as code violations and if determined are then uploaded to our CDTS (Concerned Deficiency Tracking System) database where they are maintained/corrected by ESH. This occurs after an inspector has performed a risk assessment on the deficiency.

Los Alamos is also bringing a standalone Personal Oracle 7 database online for the implementation of the BMAR2 data. This is using the latest CAIS 3.X software from PB and DynCorp. We hope to further facilitate this effort with a new inspector and a new administrator (this is one of the reasons for continually asking about the state of training in the complex). Another program that goes hand-in-hand with this is our Profile Development Program. We are currently evaluating each asset to determine the profile of each system as a percentage of the building as a whole. This will reduce the subjectivity of our CAS scoring with respect to the condition of an asset. This will also eliminate the dependency of our scoring on the semi-arbitrary BMAR and RPV numbers we are currently using.

Los Alamos is continuing to strengthen its customer base by supporting our distributed facility management model through data transmittals to the centralized data warehouse. This allows a web front end to the CAS data giving facility managers information at their fingertips. The BMAR data is also available here. We are also incorporating other inspection efforts. The Electrical Breaker Program is set to come on board next month. This should pave the way to other inspection programs.

That's all folks.

From the Editor

Terry Christie
Lockheed Martin Energy Research, Oak Ridge National Laboratory

Thanks to everyone who submitted articles for me to print in our newsletter. I think we had a pretty good representation of the sites, but hope to have even more for the next issue. If you have any comments you would like to make about the newsletter (good or bad) please feel free to contact me. I am open for any suggestions that you may have for improvements.

I hope everyone is getting the information on conference call phone numbers and other information that pertains to the Network. If for any reason you have not been getting communication or you know someone who has not, please let me know. I have the most current Network list and I update it as you send me the information. I will make have current copies available at the next LCAM/CAS Network meeting for anyone who needs one.

Please try to make an effort to attend the Network meeting in October if at all possible. I know it will be of benefit to all that participate. Anna Marie Trujillo and David McIntosh have done a lot of work to assure that we will have a good meeting with great accommodations.

Hope to see you soon. The next issue of the newsletter will come out November 1997 so be sure you have me an article from your site by mid October.

P.S. Darrell Tullock's grandmother died this afternoon so if you get a chance please send him a word of sympathy. Thanks.

LCAM/CAS NETWORK MEETING OCTOBER 21-23, 1997 ALBUQUERQUE, NEW MEXICO
HOTEL: RADDISON INN, ALBUQUERQUE AIRPORT

RATE: $63.00 NIGHT RESERVATIONS MUST BE MADE BY OCTOBER 3

PHONE: 505-247-0512 FOR RESERVATIONS