



National Aeronautics and
Space Administration



SA-07-01

Langley Research Center Safety Alert

Date: July 12, 2001

TO: Facility Safety Heads
Facility Coordinators

FROM: 429/Head, Office of Safety and Facility Assurance, OSMA

SUBJECT: Equipment Numbering Systems

On April 11, 2001, the Facility Safety Advisory Board (FSAB) was briefed by the Systems Engineering Competency (SEC) on the "new" equipment numbering system used in the Center's Computerized Maintenance Management System. This Alert is being issued to make Facility Safety Heads (FSHs) and Facility Coordinators (FCs) aware of the new system versus the old system.

The "old" equipment numbers used in the old maintenance system contained a facility number where the equipment was located. Different parts of the number had different meanings, .i.e, 1223-3023-A might be a valve in the air system at Facility 1223A. This identifier from the old maintenance system may have been put into Configuration Controlled Documents.

A "new" equipment number was needed for the new computerized maintenance system that is similar to the ECN numbers on controlled equipment in the NASA Equipment Management System (NEMS). A "new" equipment number was created for each item in the old system. This new equipment number has a 3 character class identifier followed by the next available number. For example, FAN00023 is the 23rd fan to be numbered. This "new" number is used to track the history, cost, failures, etc. throughout the life of the item. This "new" equipment number is a maintenance number that will stay with the item and **IS NOT** to be put on any Configuration Control Documents.

A copy of the slide presentation presented by SEC to the FSAB was e-mailed to all FSHs and FCs on May 2, 2001 by the Office of Safety and Facility Assurance, to give FSHs and FCs a better understanding of the new system.

Any questions concerning this issue should be directed to Willie Moore at extension 4002.


Alan H. Phillips
47233

131/LMC *JWC*

(This Safety Alert to be posted on Facility Bulletin Boards for a Minimum of 30 days.)