**RSS Component Classification and Numbering Guidelines**

Below are the guidelines for beamline component classifications and numbering schemes which are to be used in the Beamline Component Database.

F Front End Components

G Guillotines

I Interlocks

K Collimators

L Labyrinths

M Masks

P Shutters and Stops

S Supplemental Shielding

T Transport

X Extra elements (which do not fit the categories above)

Y Survey Ports

For standardization purposes, whenever any beam is stopped completely,

the component will be a "P" designation.

The Beamline Component Database SEQUENCE NUMBERS are ordered by the

component classifications. If you have 12 configuration control components in one hutch, the sequence numbers are not 1 through 12. Rather, a listing should look like:

1-BM-A-F-01 Front End Components

1-BM-A-G-01 Guillotines

1-BM-A-L-01 Labyrinths

1-BM-A-Y-01 Survey Ports

1-BM-A-K-01 K5-20 Collimator

1-BM-A-M-01 M9-30 Mask

1-BM-A-K-02 Bremsstrahlung Collimator

1-BM-A-P-01 Beam Stop

1-BM-A-K-03 Bremsstrahlung Collimator

1-BM-A-P-02 P4-20 Integral Shutter

1-BM-A-T-01 Shielded Beam Transport

1-BM-A-T-02 Flange Box(es), Mailboxes

In the database, labyrinths will be listed as one element. However, when making RSS tags, each labyrinth will have a distinct number. If a labyrinth has an inside and an outside lid, two tags with the same number will have to be created.

1-BM-A-L-01 Labyrinth #01

1-BM-A-L-02 Labyrinth #02

1-BM-A-L-03 Labyrinth #03 (inside)

1-BM-A-L-03 Labyrinth #03 (outside)

When RSS tagging labyrinths, the labyrinths are numbered sequentially, starting with the upstream-most roof labyrinth. When a new labyrinth is added somewhere in the middle of the sequence, the higher number tags are shifted to maintain the sequence.