Special configuration, planned and set up by GSFC's Bill Fink and Paul Lang
on March 21, 2006, to conduct initial user testing of OptIPuter's new 10-
GigE lambda (NLR-STAR-WASH-10GE-103) on the NLR between Chicago/StarLight
and McLean. The special configuration required NLR NOC engineers to enable
a client side soft loop on the cisco 15454 at Chicago. Fink and Lang then
conducted nuttcp network performance testing across the McLean to Chicago
NLR path, which was then looped back to McLean, using the special
configuration.

```
              +------------------+
              |    | TX | RX |    |
              |    +--------+     |
              |    |    |    |    |
              |    +-----+        | StarLight
              |    Soft-Loop      |
              |                   |
              |    cisco 15454    |
              +------------------+
                     | |
                     | |
                     | |
                  ---------
                 /         \
                |   NLR     |
                 \         /
                  ---------
                     | |
                     | |
                     | |
              +------------------+
              |    cisco 15454    | McLean
              +------------------+
                     | |
                     | |
                     | |
              +--------+ +--------+
              |                 |
              |    +-------+     |
              |    |       |     |
         +------------------------------+ McLean
         |    | TX | RX |   | TX | RX |    |
         |    +--------+    +--------+     |
chance4===|    VLAN 88        VLAN 89      |===chance5
VLAN 88  |    untagged       untagged     |    VLAN 89
untagged |                                |    untagged
         |         Force10 E300           |
```

```
           +-------------------------------+
                      | |
                      | | tagged VLANS 88,89
                      | |
                  ---------
                 /         \
                |   DRAGON   |
                 \         /
                  ---------
                      | |
                      | | tagged VLANS 88,89
                      | |
           +-------------------------------+ GSFC
           |                               |
           |                               |
chance====|         Force10 E600           |===chance2
VLAN 88   |                               |   VLAN 89
untagged  |                               |   untagged
           +-------------------------------+
```