DATE:      September 25, 1973

TO:        Distribution

FROM:      J. W. Gintell

SUBJECT:   Remote I/O


With a projected delivery of the Mohawk Data system in mid-October
(one month behind schedule) this project is getting into full
swing to be ready.  The various problems associated with asynchronous
processing not handled by the I/O system (either the current one or
the proposed new one) have considerably complicated the user ring
software to drive this system; however all of the details and
resultant remodularization of the software have been worked out.

Checkout of this software will be particularly difficult since it
requires three computers (the 6180, the 355, and the MDS2400) to
all be operational; the MDS is in a different machine room and is
connected by a set of never-seen-before modems.

The restructured I/O daemon and the MDS remote computer software are
being developed and tested independently so that one need not wait
for the other (except for final installation).

| TASK DESCRIPTION | PERSONNEL | START | FINISH | M-M | CHANGES-STATUS |
|---|---|---|---|---|---|
| Document G115 iosim design | Grady | EM 3-28 | EM 3-29 | 12 | Done, MSB published |
| Code ring 4 G115 iosim - handles reader, punch, printer, & teleprinter | Haber | EM 3-32<br>FM 3-32 | EM 3-35<br>FM 3-37 | 14<br>16 | Done |
| Checkout ring 4 G115 iosim | Haber | EM 3-36 | EM 3-43 | 14 | Must wait for all G115 checkout |
| Code ring 4 G115 DCM | Haber<br>Grady | EM 3-38<br>FM 3-38 | EM 3-39<br>FM 3-39 | 12 | |
| Code ring 0 G115 iosim | Grady | EM 3-30<br>FM 3-33 | EM 3-31<br>FM 3-36 | 12<br>13 | Done |
| Familiarization with Mohawk Data 2400 | Grady | EM 3-38 | EM 3-39 | 12 | arrival end of FW 3-41 |
| Code 355 HSLA changes for G115 | Grady<br>Wells | EM 3-32<br>FM 3-39 | EM 3-37<br>FM 3-40 | 14<br>12 | need help from Wells, task is easy that way |
| Checkout 355 HSLA, ring 0 DIM, ring 4 DCM | Grady<br>Haber<br>Wells | EM 3-44 | EM 3-50 | 14<br>16 | 3 computers, two buldings and the phone company |
| Document I/O daemon design changes | Coren | EM 3-28<br>FM 3-28 | EM 3-29<br>FM 3-30 | 12 | Done, 2 MSB's issued |
| Design details of block/makeup interface | Coren | EM 3-30<br>FM 3-30 | EM 3-30<br>FM 3-30 | 11 | Done |
| Code principal coordinator procedure | Coren | EM 3-31<br>FM 3-31 | EM 3-32<br>FM 3-33 | 12 | Coding complete |
| Modify I/O daemon to new driver interface | Coren | EM 3-33<br>FM 3-33 | EM 3-33<br>FM 3-33 | 11 | Done |
| Code device dependent device driver procedures | Coren | EM 3-34<br>FM 3-33 | EM 3-37<br>FM 3-39 | 12<br>14 | Mostly done |

| TASK DESCRIPTION | PERSONNEL | START | FINISH | M-M | CHANGES-STATUS |
|---|---|---|---|---|---|
| Change Ans Serv for dial to work OK | VanVleck Coren | EM 3-39 | EM 3-39 | 1 | Planning still needed |
| Code initialization procedures to I/O daemon | Coren | EM 3-39 | EM 3-39 | 1 | |
| Modifications to dprint command | Coren | EM 3-40 | EM 3-40 | 1 | |
| Debug new I/O daemon | Coren | EM 3-40 | EM 3-42 | 3 | |
| Integrate G115 iosim with new I/O daemon | Grady Coren Haber | EM 3-44 | EM 3-47 | 4 | |
| Live test, bug fixing | Coren Grady Haber | EM 3-48 | EM 3-52 | 4 | Complete internal documentation and user documentation |