Specification Changes for
OLS, RJE/RJOR, and SMFS

The following documents are hereby revised:

(1) ‘Specifications for Network Use of the UCSB
On-Line System [16 October 70, RFC 74, NIC 5417],

(2) ‘Network Specifications for Remote Job Entry and
Remote Job Output Retrieval at UCSB’ [22 March 71,
RFC 105, NIC 5775], and

(3) ‘Network Specifications for UCSB’s Simple-
Minded File System’ [26 April 71, RFC 122,
NIC 5834].

Revisions are as follows:

(1) As far as can be determined, no Network site has
written code to interface to the UCSB software
documented in RFC 74 last October. Accordingly,
UCSB has terminated support for that software,
and hence RFC 74 is obsolete.

(2) In accordance with subsequent Host-Host protocol
changes, the notion of ‘message type’ has been
dropped from the specifications for RJE and RJOR,
RFC 105. RJE/RJOR no longer send, nor expect to
receive 8 bits of zeros as the first byte trans-
mitted over a connection.

(3) In accordance with Document 2, RJE and RJOR now
employ a standard ICP to create a full duplex
connection to the user. Accordingly, RJE and
RJOR listen on sockets x’201’ and x’301’,
respectively (rather than on x’200’ and x’300’
as before). As documented in RFC 105, RJE
required only a simplex connection to the user.
A full duplex connection is now supported, but
no data is transmitted to the user over the
added simplex connection. RJOR now also supports a full duplex connection. However, if RJOR is required to call the user back when a requested job’s output is ready, it still does so employing a simplex connection to the user’s receive socket.

(4) RJE/RJOR and SMFS specify a byte size of eight for their connection to the user’s receive socket. The user may choose the byte size for the other simplex connection to suit himself; any valid byte size is acceptable to UCSB.