EARN EXEC

Revised OSI transition plan
Approved by the EARN Executive February 23, 1989

                                    issued by
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Although the OSI Transition is progressing rather slowly, it is
progressing.

The original plan has been overtaken by the delays we have
experienced. This revised plan is in 3 phases, and tries to maintain
the essential points agreed by the Board at Tel Aviv. This revised
plan will be sent to the BOD when approved by the EXEC.

I would welcome your comments. The phasing is somewhat different from
that presented to the Board, but the essential mandate from the Board
is achieved i.e. to make progress, but not to spend EARN money until
we see how the transition progresses. In addition, since the timing
and impact of the MDNS pilot remains unknown, it is unreasonable to
continue to delay the EARN plans.

Revised Plan:

Phase 1:

1.1   X.25 Backbone

       1.1.1   Install X.25 switches

       1.1.2   Test X.25 switch on temporary lines

       1.1.3   Order 64 Kb Lines

       1.1.4   Install 64 Kb Lines

       1.1.5   Test X.25 switches on 64 Kb lines

N.B. The 64 Kb lines are paid for in this phase by DEC. No financial
commitment is required of EARN until this phase 1.1 is complete. Most
importantly, EARN will lose the further DEC money if no progress is
made.

1.2   NJE/OSI

1.2.1   Install initial G-Boxes

        1.2.2   Install NJE/OSI on G-Boxes

        1.2.3   Test G-Box NJE/OSI interoperation

        1.2.4   Install NJE/OSI on E-Boxes

        1.2.5   Test NJE/OSI interoperation on G-Boxes and E-Boxes

Phase 2.

2.1 X.25

        2.1.1   Switch over to X.25 Backbone

        2.1.2   Terminate existing lines between backbone sites

        2.1.3   Apply funding from existing lines to 64Kb backbone

2.2 NJE/OSI

        2.2.1   Switch backbone traffic to NJE/OSI
                 (actually occurs in parallel with 2.1.1)

2.3 X.25 connections to other networks

        2.3.1   Make experimental connections to other networks, (Eunet,
HEPNET, National networks, MDNS, XI, etc.)

Phase 3.

3.1   Extend NJE/OSI network

3.2   Introduce test X.400 and user agents

3.3   Plan FTAM tests

3.4   Introduce gateway between existing mail and X.400

3.5   Investigate X.400 support for LISTSERV and NETSERV

3.6   Investigate X.500 services

N.B. Phase 3 is still only an outline, and details have to be
discussed.