8.3   Paxsat Program Plan (Continued)

(c)   Phase C - Detailed Design and Development

During this phase, all system elements are
designed and preliminarily tested. In the case of
the space segment, Phase C is usually considered
to include all the necessary and/or subsystem
spacecraft qualification testing. For the ground
system components, Phase C encompasses system
integration and testing at the manufacturers's
sites, prior to shipment to the operational site.

(d)   Phase D - Production

This is the final integration and test phase. The
flight spacecraft is assembled, tested, shipped to
the launch pad, and mated to the booster and the
ground station hardware and software are
integrated and tested on site.

The boundary between phases C and D is not well defined
in general, since they must often overlap to meet program
schedule constraints. While this does increase risk
somewhat, it is seldom a real difficulty if sufficient
attention is paid to the programmatics from the start.
For this reason, phases C and D are often combined into
one joint phase. This has been done for some of the
Paxsat elements.

Figure 8-2 defines a possible program schedule for the
Paxsat system. The schedule is divided into three main
sections:

(a)   Central Headquarters

The Central Headquarters implementation plan
schedules the development of the Treaty Governing
Body Office, and the Intelligence Interpretation
Center. The relationship of the Central
Headquarters to the other project elements is
based upon the following proposition, that a core
team of capable people would be assembled to serve
as the project management office for the duration
of Paxsat system development. This core of
individuals would form the initial Managing Office