

## 8.2 System Elements (Continued)

Finally, a Treaty Governing Body is required to administer the entire Paxsat system. Political representatives from treaty signatories may sit in council as discussed in section 3.0 and exercise control over the launching of investigations against suspect spacecraft. A single building housing this body is sufficient for the Paxsat system and may be co-located with the Intelligence Interpretation Center and the master Mission Control facility.

## 8.3 Paxsat Program Plan

This section presents a phased implementation plan for all the Paxsat system elements. It encompasses all further R&D, design, test and implementation phases prior to the spacecraft launch. The schedule is shown in Figure 8-2.

The different program phases have been defined as follows:

### (a) Phase A - Concept Definition

This phase encompasses the user studies technology studies and overall system concept definition study (Phase A Study) required to define a set of mission requirements and confirm the feasibility of meeting them. It also provides the first detailed cost estimate and definition of critical technologies.

### (b) Phase B - Program Definition Phase

This phase delegates the system design effort to the level required to define a unique configuration which is the preferred method of meeting the requirements. It carries the element trades to a lower level of detail than does the Phase A study, and results in an overall hardware definition, identification of the major units, preliminary subsystem and major element specifications, and a detailed implementation plan and cost for the remaining phases.