

8.3 Paxsat Program Plan (Continued)

and the initial Image Processing and Interpretation Center of the Intelligence Interpretation Center to which staff would be added as the Paxsat spacecraft come into operation. Consequently, the formation of this entity is seen to proceed all other elements in the schedule. Approximately 24 months prior to the launch of the first Paxsat spacecraft, the second wing of the IIC, the Intelligence Acquisition Office, would be formed and brought up to speed before operation of the Paxsat satellites.

The Treaty Governing Body Office come into being prior to the launch of the first Paxsat spacecraft. Here, it is explicitly assumed that a treaty has been created for which Paxsat is to be an integrated member. Implicit within this scheduling is the fact that the Paxsat concept is developed in parallel to the creation of a treaty.

Development of the Paxsat concept could be undertaken in parallel to the negotiation of a treaty with little financial risk. Most of the financial cost of any mature spacecraft program is in the phase C/D portion of the program phase. Although the Paxsat system is a unique mission, the technologies are sufficiently mature for the non-recurring development costs prior to phase C/D to be of manageable levels. In addition, section 3.0 of the report suggested benefits that a Paxsat spacecraft could bear on the negotiations of an outer space weapons ban. A period of two years was deemed to be sufficient for the creation of the Treaty Governing Body organization.

(b) Ground Segment

The Ground Segment schedule contains the three elements of the Mission Control Facility, Ground Receiving Center and the Communications Network. Each of these centers are postulated to be developed in parallel with one another with the schedule allowance shown. Additionally, as three