

8.2 System Elements (Continued)

The Communications Network may simply be the employment of communications links between the numerous GRC's and MRF's to the central IIC and MCF on current Intelsat or Intersputnik satellites. Communications equipment for both uplink and downlink communications would be needed at each site. Additionally, if only one IIC collocated with MCF and a GRC is required to fulfil the data and control requirements in a LEO operation only situation, the need for a communications network is negated.

The Intelligence Interpretation Center may be a dual function entity with two wings under a central management office. The first office would be an Intelligence Acquisition Office (IAO) with the function to gather readily available information of national space activities and in particular, information pertinent to the development of technologies for spacebased weapons. The office would function much like an Institute for Strategic Studies, gathering, recording, archiving and analyzing activities related to space. One such important piece of data the IAO would maintain is an up to date space objects log containing the orbital elements of all objects in space at any given time. This data may be made available through contributions of signatory nations with the National Technical Means to gather such information. The second office would be an Image Processing and Interpretation Center (IPIC) with the function to process the image data generated by Paksat spacecraft and interpret the function of the subject spacecraft for the determination of whether the satellite carries on-board, or is in itself, a weapon in space. This office would contain the spacecraft engineering, optical, computer communications, chemical and physical expertise to determine the presence of weapons in space from the remotely gathered information by Paksat. The office would also be responsible for the engineering evolution of Paksat designs in subsequent generations of spacecraft procurements to perform its investigations to a higher degree of efficiency. Within the Paksat system only one Intelligence Interpretation Center is required.