

- the writing and testing of mission operation software,
 - commissioning of the Satellite and engineering validation of sensor data.
- iii) Phase E - routine operation of the Satellite.

ARTICLE 4 RADARSAT OBJECTIVES

4.1 The objectives of the RADARSAT Project are as follows:

- i) to ensure data availability for environmental monitoring,
- ii) to create daily sea ice maps based on SAR data collected over the Arctic,
- iii) to collect SAR data over selected portions of the globe for the purpose of crop forecasting,
- iv) to obtain periodic SAR data coverage of Antarctic sea ice distribution, subject to receiving station or tape recorder availability,
- v) to collect a global set of stereographic SAR images for mapping,
- vi) to obtain the first comprehensive map of the Antarctic continental ice sheet based on SAR images.
- vii) to collect site and time specific SAR data in support of approved research studies or application demonstrations sponsored either individually or jointly by the Parties,
- viii) to collect site and time specific SAR data for experiments sponsored by the parties through an EAO,
- ix) to collect and make available global data to any persons, on a non-discriminatory basis,