

## SEA SURVEILLANCE VIA SATELLITE PLATFORM

## I. Introduction

The possibility of doing Sea Surveillance by satellite is extremely attractive because of the wide areas of coverage possible and the security from detection afforded by such a vehicle.

One possibility might be ~~xxx~~ to utilize the existing ELINT satellites for such a mission to demonstrate the feasibility of such a program. A brief assessment of each of the contemporary systems ~~xxx~~ follows:

2. Spinning Satellite where the axis of rotation is tangent to the earth at a specific Latitude and also ~~along the x-axis~~ in the orbital plane.

This system is characterized by the FANION/TRIPOS platforms; FANION (256 mc) has narrow frequency coverage and the TRIPOS has octave coverage from 4 to 8 Gcs.