

Exhibit Number A**Details of Operation***FAS, with it***A) FREQUENCY**

The transmit frequency of this transmitter shall be tuned to any frequency from 1626.5 to 1646.5 MHz in 10 KHZ increments.

B) POWER – RF OUTPUT

The RF power output for each of the discrete frequencies is 12.3 dbW.

C) POWER – EIRP

The Maximum effective radiated power for each of the discrete frequencies from the antenna is 33dbW.

D) POWER – MEAN/PEAK

All power transmitted from each discrete frequency is classified "MEAN" power.

E) Emission

The emission code for each discrete frequency shall be "GID".

F) MODULATION

Each discrete frequency shall be modulated with O-QPSK modulation, rate at 24 Kbit/s.

G) NECESSARY BANDWIDTH

The necessary bandwidth of the modulating signal is defined in Inmarsat-M System Definition Module 2, Part 1, Issue 3.0 Figure 5. The necessary bandwidth for each of the discrete frequencies is 24 KHz. This bandwidth shall be expressed as 24 KO.

EXHIBIT B

Item 10

10.) (a) The purpose of the AECS Project is to demonstrate how the military can utilize current and developing commercial (COTS) communications, network technology and services to meet their information processing challenges for the 21st Century. A system, utilizing standard, state-of-the-art COTS architecture, equipment and services, will be designed, procured and installed.

(b) This system will be used to evaluate COTS hardware, software applications and communication services.

(c) To the greatest extent possible, the project will simulate a realistic Navy situation and follow the IT-21 vision.