

ATTACHMENT 3

ELECTRONIC EXPOSURE DATA FILE FORMAT

FILM ROLL NUMBER

For each camera the government will assign a unique camera designation number "xx" which will be used in the film roll number. The film roll number consists of a two digit year, a camera designation number (two digits), a film designation character "P", and a two digit sequence number. For each successive roll of film per camera the sequence number will be incremented by one. For the first roll of film in 1999 the film roll number will be "99xxP01".

ELECTRONIC EXPOSURE DATA (EED) SPECIFICATIONS

Each roll of film shall have an accompanying EED file. The file shall be in ASCII form on an IBM formatted 3.5" floppy disk capturing the attributes of each frame in the order they appear on the roll film. The file shall be named using the film roll number and the extension "EED". Each frame of photography shall consist of a record in the file. Each record shall contain the following fields of data separated by commas. No commas may be used in the contents of the field. Each record shall contain the following fields:

- | | | |
|----|--------------------------------------------|---------------------|
| 1 | film roll number | up to 8 characters |
| 2 | frame number | 5 digits |
| 3 | flight line ID | up to 12 characters |
| 4 | time since last exposure (sec sss.s) | up to 5 digits |
| 5 | date of exposure (dd:mm:yy) | 8 char |
| 6 | time of exposure (UTC hh:mm:ss) | 8 char |
| 7 | latitude of frame center(dd:mm.mmmmN/S)* | 11 char |
| 8 | longitude of frame center(ddd:mm.mmmmE/W)* | 12 char |
| 9 | Az of photograph (degrees, true) | up to 3 char. |
| 10 | Altitude of photograph (feet above MSL) | up to 6 characters |
| 11 | Acquisition ID | up to 8 characters |
- (same as waypoint file name, without suffix)

Sample record:

99xxP01,0102,30001,23.2,07:JUN:99,18:11:19,26:52.8201N,097:23.1234W,010,2901,AEA9901

Filename: 99xxP01.EED

* The latitude and longitude are shown to 4 places in order to compute overlap. The absolute accuracy should be approximately +/- 20 meters, or better, with the relative accuracy considerably better (as is typical with pseudo-range GPS).