STORAGE REQUIREMENTS

The following are offered for consideration with regard to defining storage requirements for:

- Spatial Data Transfer.

- Efficient storage in a computer data base.

The following fields are required to store the functional model and stochastic model information for each point:

- 3 double precision fields for geocentric X/Y/Z coordinates (functional model data).

- 6 double precision fields for geocentric covariance matrix of point (stochastic model data).

The following fields are recommended as minimually necessary for efficient information organization/management.

- Point identification: A 5-character field be allocated for unique point identification. A sub-set criterion would be to impose the requirement that it be an integer field.

- Station description: A 20-character field be allocated for point name/description. There is nothing magic about 20 characters. It could be more or less.

A possible need for additional fields for attribute codes or relational data base access is acknowledged.

Las Cruces, NM 88003