

Calculations were made showing percent error between selected control points of the Herrman map and the same points on contemporary NOS nautical charts. The data set containing all the selected data points for the entire chart yielded an overall average error of over five percent (Table 3).

RESULTS OF COMPARATIVE ELEMENTS

Classification of Carto-genetic Traits

VI. Identification of carto-genetic related map elements are illustrated on the Augustine Herrman mother map (Figure 15). These map elements were chosen for their characteristic shape, physical features, and for their unique nomenclature (Table 4). These map elements, symbols, and genetic traits were gathered and classified and used to identify and provide genetic clues of relationships on subsequent maps. The relationships between these maps are illustrated on the Diffusion Diagram (Figure 16), which shows the length of the Herrman map's influence and the spatial distribution of its geographical information among the European nations of this period.

Among these map element features, a short description of the elements is provided which has been identified on