

St. Joseph, near the Extremity of *California*, viz.
 $23^{\circ} 3' 42''$ N. $109^{\circ} 42' 30''$ W. ^a

This Longitude of *S. Joseph* regulates the general positions not only of the Coast to the Westward, but also to the Eastward: By Costanzos Map The *Fort*, at *Port Monterey*, is $12^{\circ} 29'$ W from *S. Joseph* which places *Monterey* in $122^{\circ} 11' 30''$ W; and the *Farellons* off *Port San Francisco*, as the *Port*, which Sir Francis Drake visited in 1579, is now named by the Spaniards, being $0^{\circ} 49'$ W from *Monterey* by Costanzos Map, their Longitude will be $123^{\circ} 0' 30''$ W. By my Map *Cape Mendocino* is in $123^{\circ} 25'$ W and therefore the difference of Longitude between the *Farellons* and *It* only $0^{\circ} 24' 30''$. This, Costanzo's Map makes $4^{\circ} 13'$; but his knowledge did not extend to *Cape Mendocino*, which he places in $41^{\circ} 26'$ N. instead of $40^{\circ} 0'$ N. and in this last Latitude he lays down *Pt. Barrancas* 1° to the Westward of the *Farellons*; and probably this is actually *Cape Mendocino*: I am inclined to think the difference of Longitude between the *Farellons* and *Cape Mendocino* is more than $0^{\circ} 24' 30''$ W. and I find the Spanish Plan of *St. Francisco* makes the *Farellons* in $122^{\circ} 4'$ W. ($254^{\circ} 26'$ from *Tenerif*) or $1^{\circ} 21'$ to the Eastward of *Cape Mendocino*. I have assumed $1^{\circ} 21'$ as the difference, and therefore place the *Farellons* off *St. Francisco* in $122^{\circ} 04'$ or $56' 30''$ farther East than Costanzo's Map, and have reduced his Longitudes from *St. Joseph* in that proportion.^b

At

^a This is the position assigned in the *Requisite Tables*, to the Nautical Almanac, 1781; and in the *Con. des Temps* 1789 Don Joseph Alzate y Ramirez gives it $23^{\circ} 3' 20''$ N and $109^{\circ} 47' 30''$ W ($267^{\circ} 52' 30''$ from Ferro) M. Cassini, Voyage en Californie, $23^{\circ} 3' 20''$ N: by the Transit $7^h. 28^m. 6$ by Jupiter's Satellites $7^h. 28^m. 53$. Chappe $7^h. 28^m. 17$. Doz and Medina. he assumes $7^h. 28^m. 10$. = $112^{\circ} 2' 30''$ from Paris, or $109^{\circ} 42' 30''$ W from Greenwich.

^b I am assured, by the best authority in Spain, that Costanzo's Map has little merit, but I have no better authority to consult; for altho' I have some MSS of this Coast I do not know what confidence they merit; one appears to have been consulted by Costanzo.