

APENDICE VII.

Nota del profesor Davidson en respuesta á la anterior.

U.S. TRANSIT OF VENUS STATION.

Nagasaki, Japan, Dic. 4 .-1874

F. Diaz Covarrubias, Chief of Mexican Transit of Venus party. Yokohama, Japan.

Dear Sir:

I must answer your two letters from recollection of contents, as I left my station today.

After de Transit of Venus, I have arranged to determine de difference of longitude by telegraph between my *telegraph observatory* here and Tokei, via Yokohama; for which purpose my first and second assistant astronomers will leave her con the 13th.

As our clock signals will pass through the Yokohama office and though you observatory if you have connection therewith, I am ready to assist you by allowing a relay on the main line in your observatory to make its register on your chronograph; or if you have no chronograph, you can compare your chronometer with the clock telegraph beats. Our beats are made every second, except at the commencement of each minute, when 0 second beat is not made. After our work is reduced I will furnish you the clock correction. Our longitude will connect with Europe, via Wladivostok, which I have already finished in conjunction with Prof. Hall.

In return for the proposed facilities, I ask that you give me your comparisons with my clock signals and the correction to your chronometer for each epoch.

I will authorize Mr. O. H. Tiltmann, the first assistant astronomer of this party, to communicate freely with you when he commences work at Tokei, where I expect him to arrive about Dec 10.th

I thank you kindly for the volumes on astronomical and geodetic subjects which you have sent me. I send you a pamphlet of star factors received by last mail.

On the subject of Transit of Venus, can you aid me, when you return to Mexico, to ascertain the location of the station occupied by Velazquez in 1769 at Santa Ana, lower California. I was at San José del Cabo about two years ago, and recovered Mr. Chappe de L'Aueroche's station, and determined its latitude and longitude, but of even the general locality of Velazquez I could gather no information.

The office at Madrid afforded no clue, and the few scattering remarks which I have found about it, are very indefinite. (*)

(*) Tan pronto como llegué á Europa, transcribí los dos últimos párrafos de esta nota á la Sociedad Mexicana de Geografía y Estadística, juzgando que en la numerosa colección de documentos que posee podría acaso hallar los que desea

On the Pacific Coast, my address in San Francisco,
California.

Very respectfully,

Your obedient servant

(*Firmado*) GEORGE DAVIDSON,

U.S. Coast Survey in charge Pacific Coast,
Chief Transit of Venus party.

