

HCJB Antenna Plan

Rich McVicar

For a period in the mid-90's, I had the privilege of being HCJB's frequency manager, responsible for the best signal we could manage into our target areas around the world. I had this antenna plan on the wall behind my desk. The drawer, C. Beachy, was Claude Beachy. Claude was an engineer at HCJB's antenna and transmitter site in Pifo. Before coming to HCJB, he and his wife, Edna, were missionaries with 4VEH in Haiti. (Check your old 4VEH QSL and you may very well find Edna's signature [see below].)

And below the antenna plan is Google Earth historical imagery showing the Pifo site as it was in 2002-03.

Left to right:

690 kHz back-up

Rhombic

SP-1 and EU-1 – South Pacific array on one side of the reflector, Europe on the other.

Steerable (“The eggbeater”)

NA-3 and SA-4 – North America array on one side, South America on the other.

Brazil 1 and Brazil 2

EU-5 – I think that was the quad, used on 21455 kHz.

RE-1 – Regional 1, used for 6050 kHz.

SA-8 – South America

EU-2, EU-3, EU-4, and SP-2 and SP-3 – Arrays for Europe and South Pacific.

LO-1 and LO-2 – The Quichua service on 3220 and 6080.

SA-2 – South America array

NA/SA's on right for North and South America

CA-1 – Assuming Central America, although the direction doesn't seem right.



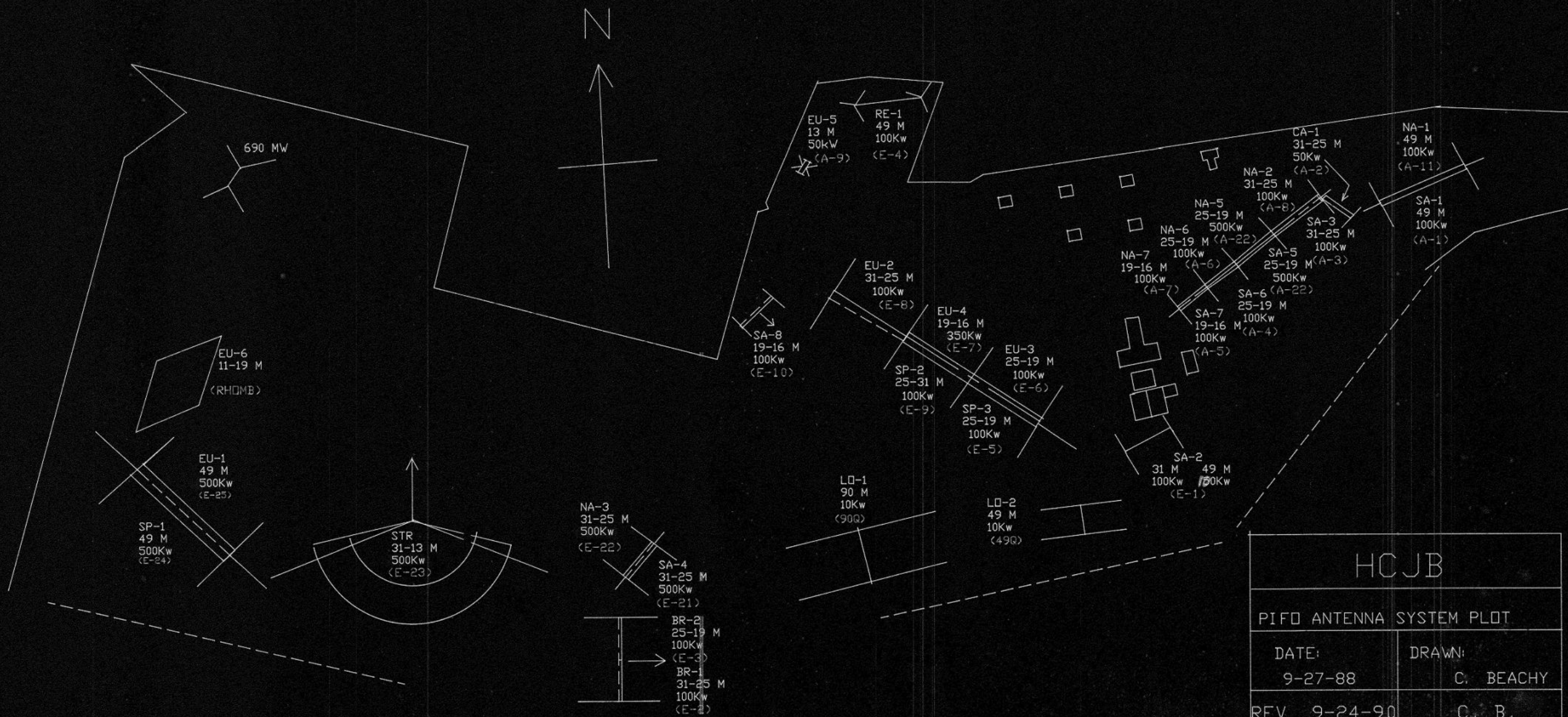
TO Jerry Berg
Lexington
Mass.

RADIO 4VEH IS PLEASED TO CONFIRM YOUR
RECEPTION REPORT

OF 8-30-78 AT 1045-1400 GMT

ON A FREQUENCY OF 9770 KHZ ON THE 31 M. BAND

Edna Beachy
QSL Secretary
RADIO 4VEH, BOX 1, CAP-HAITIEN, HAITI, W. I.
840 khz, 1035 khz, 3345 khz, 9770 khz, 11835 khz.



HCJB	
PIFD ANTENNA SYSTEM PLOT	
DATE:	DRAWN:
9-27-88	C. BEACHY
REV 9-24-90	C. B.
REV 5-12-93	C. B.

