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-5W-16934-1-

memorandum

DATE: June 15, 1979

REPLY TO ATTN OF: J.A. Vasile, Regional Telecom Technician (RTT) *J. Vasile*

SUBJECT: Telecommunications Status Report for Period May 16 - June 15, 1979 per paragraphs 2,3 - Contract AID/lac C 1285, Project No. 527-9424 (State 136-00-1-01) Narcotics Control.

TO: Contracting Officer, Office of Contract Management, AID Senior Narcotics Control Officer, AmEmbassy, Lima S/NM TSD AID Reference Center AID, WashDC

I. SUMMARY

A. General

1. The period May 29 - June 3 was spent TDY Asuncion, Paraguay.
2. 6 Telecommunications Technicians, 2 each from Peru, Bolivia and Colombia completed the 3-week Motorola specialized training course.

B. Peru

1. Peru Investigative Police (PIP)
 - a) Commodities PA/C 802305 received except three items.
 - b) 36 Handie-Talkie transceivers tested. 5 Base Stations undergoing test.
 - c) Remote receiver operation with Scientific Radio HF Receiver SR-506 initiated.
 - d) Bid awarded for 10 locally fabricated towers.
 - e) Draft PA/C for FY-79 telecom commodities in clearance.
2. Guardia Civil
 - a) HF-SSB SR-204 transceiver installations completed in Lima, Huanuco and Tingo Maria.
 - b) 18 meter tower erected at GC DIPOD headquarters, Lima.
 - c) Bid awarded for 14 locally fabricated towers.
 - d) Commodities PA/C 803343 delayed in customs.
 - e) Draft PA/C's for FY-79 commodities in clearance.

C. Paraguay

1. A telecom study for the Paraguay Customs Police was completed

NCU:JVasile:ezp



Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

II. Peru

A. PIP Telecom Project

1. Telecom Commodities received PA/C 802305
 - a) All items this PA/C except items 2, 22 and 23 were released from customs May 24.
 - b) 36 Handie-Talkies, Item 3, were tested for specification performance. 34 units are satisfactory. Two defective units are under warranty repair by local Motorola representative.
 - c) Five VHF/FM Base stations, Item 4, are being tested. Power supply units furnished with these transceivers are TPN 1151A for 110V AC operation, instead of TPN 1152A for 220V AC operation. It will be necessary to purchase locally 220/110V step down transformers to permit installations until replacement of power supplies is effected.
 - d) The 12-inch Rapid Charge Battery Charger, Motorola NLN 4572, Item 6, was also furnished for 110V AC operation, contrary to PA/C specification. This unit is acceptable to PIP without changes.
2. Antenna Towers
10 locally fabricated 15 meter towers are promised for delivery week of May 28.
3. PIP VHF/FM Base Station Installation Program
 - a) Nine PIP technicians are receiving training in antenna tower erection, high gain antenna mounting and, base station installation standards under guidance of local Motorola Representatives and RTT.
 - b) PIP estimates five base stations installations will be completed, Handie-Talkies distributed as assigned, by end of August. Mobile installations depend on vehicle delivery.
4. HF-SSB Remote Receiver Operation
A test installation of HF-SSB remote receiver operation with Scientific Radio Model SR-506 Receiver equipped with 600 ohm balanced line equipment is performing satisfactorily. Four remaining receivers installed at PIP District Headquarters, Chorrillos, are in process of similar modification to permit remote receiver operation with five PIP regions. Completion of installation will eliminate interference between HF transceivers installed at the PIP School. Switching at the transceiver is provided to permit selection of remote receiver or local transceiver reception as convenient.

5. Motorola Course participant, Ruch Varillas commented enthusiastically on value of training received.
6. Draft PA/C for FY-79 telecom procurement in clearance is attached.

B. Guardia Civil Project

1. HF-SSB installations
 - a) Scientific Radio Model 204-4 HF-SSB Transceiver Installations were completed in Lima, Huanuco and Tingo Maria. Lima-Tingo Maria, and Lima-Huanuco circuits are providing excellent transmission results on channels 1, 2, and 3 useable over this ranges.
 - b) 14 locally fabricated towers on order are promised for delivery week of May 18. These are destined for distribution to seven HF-SSB base stations in Huanuco department.
 - c) D.C. powered HF-SSB transceivers for seven base stations have been tested but cannot be installed until receipt of D.C. power supply equipment shipped by surface freight.
2. Preparation for VHF/FM installation
 - a) An 18 meter tower was erected at the Lima GC DIPOD headquarters in preparation for a programmed VHF/FM installation. GC technical personnel received instruction from the antenna tower contractor and RTT in tower erection and antennas mounting procedures at the DIPOD VHF/FM site during construction.
 - b) Commodities ordered under PA/C 80343 are still held in Customs.
3. GC participant Aquilino Gálvez to Motorola training course commented course was too theoretical, limited to lectures with drawings without exposure to physical equipment.
4. Draft PA/C for FY-79 telecom procurement in clearance are attached.

C. Bolivia DNSP Project

1. RTT interviewed Luis Infantes, and Edgar Encinas on board Braniff 979 flight on which they were returning to La Paz from the Motorola Course on May 29 while RTT was enroute to Asuncion, Paraguay. Both participants were very enthusiastic about the value of the training received in the course.

2. The Telecommunication terminal in Santa Cruz is scheduled to be transferred to new rented DNSP headquarters in that City during the week of May 18.
 3. Next RTT TDY La Paz scheduled for July 5 - 12.
- D. Paraguay Customs Police Telecom Study
A study of Paraguay Customs Police Telecom requirements was completed over the period May 29 - June 3 in Asuncion and environs. A copy of the memorandum report is attached.
- E. Comments
1. Resolution of incorrect power supply problem on base stations furnished PIP will be discussed with Elliot Chan, INM/TSD, scheduled to arrive Lima May 18.
 2. The Motorola Course was considered technically profitable by five of the six participants attending it, according to comments by Luis Infantes, Bolivia participant.