

ENGINEERING MONTHLY REPORT
Paraguay Bureau
December 1982

1. Regional Engineer [] and Mr. [] paid a 3-day visit to the Bureau during the month. Many points were discussed and a priority project list drawn up. Copy will be sent to FEB Washington.

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2. All Delta multicoupler modifications were completed according to instructions. They were set up on bench test for two weeks. Headquarters will be advised of results before installation.

3. Our rhombic antenna beamed to Peru-Bolivia at Antelco site was knocked down by a heavy wind and electrical storm on 14 December. Bureau is using alternate Antelco antenna. Initial steps to fix our rhombic antenna were taken with local company. Total cost will be \$ 2,500.00 with a 1-year warranty.

4. A failure of the emergency generator was again experienced on 23 December. During a commercial power outage the generator ran properly for about 15 minutes, then its speed varied abnormally causing voltage fluctuations which damaged the power supply in one Extel R.O. printer. Service message PY 231154 was sent to Headquarters explaining this failure.

5. Accountable property

Non-Expendable

Received

1. 1 Safe, Diebold, 4 Drawer, \$2,200 ea
2. 1 IBM Selectric Typewriter, Md1 875, S/N 26-6918107, \$1,007 ea

Transferred

1. 2 Teletype, Teletype Corp., Md1 28 KSR, \$1,168 ea
2. 1 Teletype, Teletype Corp., Md1 28 ASR, \$2,571.77 ea
3. 1 Teletype, Teletype Corp., Md1 28 ASR, \$2,909.55 ea

The above equipment was transferred to the American Embassy, Asuncion so they may transfer it to the Paraguayan Navy at no cost.

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Expendable

Received

1. 3 Typist Chairs, Chromed base, NILL, \$171 ea.
2. 1 Swivel Chair, Chromed base, NILL, \$294 ea.
3. 1 Metal Shelf for Workroom, locally made, \$103.45 ea.
4. 3 Transformers, 1 Kw, \$61.16 ea.
5. 3 Desk Lamps with magnifier lense, \$97.70 ea.

Transferred

1. 5 Teletype Printers, Teletype Corp., S/N's 219301, 238246, 138629, 178675, 138627.
2. 1 Teletype Perforator, Teletype Corp., S/N 26981.
3. 2 Teletype Transmitter Distributor, Teletype Corp.
4. 3 Teletype Motors, Teletype Corp., S/N's Len37, GJN3G, MGN14.
5. 2 Teletype Paper Winders, S/N's 31845, 31850.

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Supervisor Electronics Tech,

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PARAGUAY BUREAU OPERATIONS ATTACHMENT

TO DECEMBER 1981 MONTHLY REPORT

1. On 30 November bureau reception of Tacna Radio Nacional relay of Lima Domestic Service in Spanish ceased for undetermined reasons. Reception problems until 5 December precluded radio coverage of Peru through alternate stations. Cruising was begun to determine what news programs could be heard at night from Peru. This effort turned up a 30 minute newscast on Lima Radio Union at 0100 GMT on 6115 Khz; a 30 minute newscast on Lima Radio America at 0100 GMT on 9510, 6010, and 3240 Khz; and a 30 minute newscast on Tacna Radio Tacna at 0230 GMT on 9484 Khz. After 5 December Peruvian reception improved during the day to allow coverage of Tacna Radio Tacna's hour long newscast at 1200 GMT, but damage to the rhombic antenna at the Antelco site again adversely affected reception after 15 December.

2. On 9 December Bolivian President Celso Torrelio Villa announced the end of the compulsory official news network. On 10 December La Paz Cadena Panamericana in Spanish on 6105 Khz was observed carrying 30 minute newscasts at 1130 and 1700 GMT. The next day, 11 December, a 30 minute newscast at 0000 GMT was also observed. This has been added to experimental coverage. On 18 December at 0030 GMT the official network, La Paz Radio Illimani Network in Spanish announced that as of that date it would broadcast short newscasts every half hour from 0030 GMT on, the daytime newscasts remaining the same. Cruising effort to determine what stations join either of the networks has been hampered by the damage to the Antelco site rhombic antenna.

3. A storm, with winds up to 140 kilometers per hour, on 14 December damaged the facilities at Asuncion Radio Primero de Marzo, as well as one of the bureau's rhombic antennas. Primero de Marzo switched its normal 1100 to 0130 programming on 780 Khz to its FM frequency of 97.1 Mhz. On 21 December Radio Primero de Marzo resumed broadcasting on 780 Khz.

4. In response to a request by Key West Bureau observations were made on Havana International Service in Guarani to Paraguay and in Quechua to Bolivia, Ecuador and Peru. Havana International Service in Guarani to Paraguay was observed on 15340 Khz at 2200-2300 GMT with fair reception. Havana International Service in Quechua to Bolivia, Peru and Ecuador on 15230 Khz at 2200-2300 GMT was observed with fair to good reception while its Quechua cast on 11760 Khz at 1000-1050 was not audible.

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5. Buenos Aires LA NACION in Spanish on 18 December reported that a new news agency DIARIOS Y NOTICIAS SOCIEDAD ANONIMA, DYN was formed. No information of when it will start operating was mentioned.

6. Buenos Aires LATIN in Spanish was either not received or received with garbles for 51 hours 16 minutes during the month. As usual problems in New York were cited as the reason.

7. Paris AFP in Spanish was received with heavy garbling for 1 hour and 10 minutes on 17 December.

8. A sudden ionospheric disturbance, affecting frequencies up to 9000 Khz badly and moderately between 9000 and 11000 Khz, occurred on 12 December. The SID lasted 1 hour and 40 minutes.



Editor, Paraguay Bureau

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PARAGUAY BUREAU PRODUCTION REPORT FOR DECEMBER 1981I. TOTALS FROM ALL SOURCES:

TOTAL PUBLISHABLE WORDAGE FILED DURING MONTH:	159,740
TOTAL NON-PUBLISHABLE WORDAGE FILED DURING MONTH:	48,790
TOTAL NUMBER OF PUBLISHABLE ITEMS FILED DURING MONTH:	750

II. INPUT OF REGULAR COVERAGE:
(minutes or issues per week)

BROAD-CASTS	PRESS AGENCIES	PUBLI-CATIONS
6,540 min.	30,690 min.	173.46 issues

III. OUTPUT FROM ALL SOURCES:
(publishable words per month)

ARGENTINA

Buenos Aires Domestic Service in Spanish	4,600	
Buenos Aires LATIN in Spanish		6,100
Buenos Aires TELAM in Spanish		18,120
Buenos Aires NOTICIAS ARGENTINAS in Spanish		12,450
Buenos Aires CLARIN in Spanish		2,020
Buenos Aires CRONICA in Spanish		0
Buenos Aires EL ECONOMISTA in Spanish		0
Buenos Aires GENTE in Spanish		0
Buenos Aires LINEA in Spanish		0
Buenos Aires A FONDO in Spanish		0
Buenos Aires HERALD in English		6,330

	BROAD- CASTS	PRESS AGENCIES	PUBLI- CATIONS
Buenos Aires LA NACION in Spanish			2,520
Buenos Aires LA PRENSA in Spanish			2,800
Buenos Aires SOMOS in Spanish			0
BOLIVIA			
La Paz Radio Illimani in Spanish	5,890		
La Paz Cadena Panamericana in Spanish	1,780		
La Paz EL DIARIO in Spanish			840
La Paz PRESENCIA in Spanish			640
BRAZIL			
Brasilia Domestic Service in Portuguese	4,290		
Porto Alegre Radio Guaiba in Portuguese	300		
Sao Paulo Radio Bandeirantes in Portuguese	3,530		
Rio de Janeiro BRAZIL HERALD in English			0
Rio de Janeiro JORNAL DO BRASIL in Portuguese			6,340
Rio de Janeiro LATIN AMERICA DAILY POST in English			1,690
Rio de Janeiro MANCHETE in Portuguese			0
Rio de Janeiro O GLOBO in Portuguese			3,900
Sao Paulo FOLHA DE SAO PAULO in Portuguese			3,000
Sao Paulo O ESTADO DE SAO PAULO in Portuguese			2,650

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	BROAD- CASTS	PRESS AGENCIES	PUBLI- CATIONS
Sao Paulo VEJA in Portuguese			1,550
CHILE			
Santiago Chile Domestic Service in Spanish	4,230		
Santiago Chile DIPLOMATIC INFORMATION SERVICE in Spanish		5,210	
Santiago Chile COSAS in Spanish			2,920
Santiago Chile EL MERCURIO in Spanish			1,180
Santiago Chile EL MERCURIO EDICION INTERNACIONAL in Spanish			0
Santiago Chile ERCILLA in Spanish			0
Santiago Chile HOY in Spanish			540
Santiago Chile LA TERCERA DE LA HORA in Spanish			390
Santiago Chile QUE PASA in Spanish			0
CHINA			
Beijing in Spanish to Latin America			0
FRANCE			
Paris AFP in Spanish		17,170	
PARAGUAY			
Asuncion Domestic Service in Spanish	860		
Asuncion Radio Primero de Marzo in Spanish	500		
Asuncion Television Cerro Cora in Spanish			0
Asuncion Teledifusora Paraguaya Television in Spanish			0

	BROAD- CASTS	PRESS AGENCIES	PUBLI- CATIONS
Asuncion ABC COLOR in Spanish			3,740
Asuncion HOY in Spanish			3,580
Asuncion LA TRIBUNA in Spanish			1,630
Asuncion PATRIA in Spanish			1,800
Asuncion SENDERO in Spanish			0
Asuncion ULTIMA HORA in Spanish			1,800
Asuncion LA REPUBLICA in Spanish			1,030
PERU			
Lima Domestic Service in Spanish	0		
Tacna Radio Tacna in Spanish	640		
Lima CARETAS in Spanish			0
Lima EL COMERCIO in Spanish			4,220
Lima EXPRESO in Spanish			2,250
Lima MARKA in Spanish			0
Lima OIGA in Spanish			3,200
UNION OF SOVIET SOCIALIST REPUBLICS			
Moscow Radio Peace and Progress in Spanish to Latin America	4,040		
Moscow in Spanish to Latin America	3,360		

	BROAD- CASTS	PRESS AGENCIES	PUBLI- CATIONS
Moscow in			
Spanish to Chile	180		
Moscow in			
Spanish to Cuba	0		
Moscow in			
Portuguese to Brazil	0		
URUGUAY			
Montevideo Domestic Service in			
Spanish	1,420		
Montevideo Radio El Espectador Network in			
Spanish	710		
Montevideo EL DIA in			
Spanish			2,800
Montevideo OPINAR in			
Spanish			0