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**GRANCO PRODUCTS, INC.**

36-17 20th Avenue  
Long Island City 5, N. Y.

**Guatemala**—TGNC, 11.85, noted 2330-2345 with organ melodies. (Mitchell, N. Y.) TGBC, *Radio Colonial*, 6.565, heard 2110 with popular music, fair level. (Cox, Dela.)

**Haiti**—*Radio Commerce*, P.O. Box 94, Port-au-Prince, 4VA, 4VB, appears to have settled down on a schedule which includes use of 9.485 around 0630-0800V; and 6.140 at 1600-1930 and 2100-2300 or later. (Scheiner, N. J.; Niblack, Ind., others) 4VEH now has a *mailbag* session called "Listener's Post" on Sat., 0610 over 9.690; is scheduled 0530-0900 daily on 9.690; on Sun. also 1630-1900 on 9.690, 1900-2130 on 9.727; is using new antenna and requests comparison reports. (Fox, West, Va.)

**Holland**—*Radio Nederland*, 11.73, noted in *English* to North America 1630-1725, good level. (Dodge, Mass.)

**Hong-Kong**—ZBW3, 9.525, noted 0615 with musical session. (Sanderson, Australia) Heard 0345-0430 with talk in Chinese, then station call in *English*. (Ishikawa, Japan)

**Hungary**—Budapest, 9.833, noted 2300 with *English*, good level. (Math-erly, Ohio)

**India**—*English* news is scheduled 1930-1940, 11.950, 15.290; 2310-2320, 15.130, 17.705; 0235-0245, 15.380, 17.740; 0830-0840, 11.780, 15.380. (Scheiner, N. J.)

**Indo-China (Vietnam)**—*English* schedules of *Radio France-Asie*, Saigon, include 1830-1900 on 7.230; 0900-1115, 11.935; 2030-2045, 11.935; news 1830, 2030, 0900; news in French 2045, 1100. (Catch, England, others) Noted on 15.420 at 0445 with *English* service in news, music. Hanoi, 7.408A, heard 0545 with French program of news, music. (Sanderson, Australia) "Voice of Vietnam," 7.288, is fair to good 0900-0930 in French, 0930-1000 close-down in *English*. (Morgan, Calif.)

**Iran**—*Radio Tabriz* operates on 6.090, 7.5 kw., 2200-2400, 0400-0630, 0830-1130; news in Persian 2300, 0500, 1100. (WRH)

**Italy**—Rome noted on 11.905A to North America 1920-2200 with news, music. (Miller, N. Y.) Lists this schedule as 1920-2000 on 11.905A and 9.570; at 2145-2200 over 15.40, 11.905A, 11.81, 9.71, 9.57. (Crowell, Pa.)

**Japan**—*Radio Japan*, Tokyo, has extended schedules—for Pacific Coast of North America 0000-0100, JOA3, 9.695 (*new*), JOB4, 11.780 (*new*); for Hawaii 0200-0300, JOA6, 15.135, JOB4, 11.780; for Australia 0400-0500, JOA6, 15.135, JOB6, 11.725; for North and Central China 0600-0800, JOA3, 9.695, JOB2, 7.180; for Indo-China, Thailand, Burma 0945-1045, JOA3, 9.695, JOB6, 11.725; for India-Pakistan 1100-1200, JOA3, 9.695, JOB6, 11.725; for Europe 1400-1500, JOA3, 9.695, JOB2, 7.180; for South America 1600-1700, JOA6, 15.135, JOB6, 11.725. (Scheiner, N. J.; Ishikawa, Japan)

**Kuwait**—Al Kuwait, 5.000, still noted around 1245 with Arabic music, but has poor signal now due QRM from MSF, Rugby, England, same channel. (Catch, England)

**Lebanon**—*Radio Beirut*, 8.036A, noted 1600 with a VOA rebroadcast; news in Arabic 1625A, closed 1630 with march; still has *English* 1000-1100. (Pearce, England)

**Libya**—Forces Broadcasting Station, 4.965, Tripoli, noted 1545 with popular recordings; closed 1600 "until 0430 GMT" (2330 EST); said "Goodbye to listeners in Tripolitania and goodnight to short-wave listeners wherever they may be;" played "God Save the Queen;" woman announcer. (Pearce, England) Lists schedule of 0130-0315, 0700-1800 (Sun. 0200-1800); uses 250 watts through a dipole, center-fed, with coaxial cable. (Scheiner, N. J.)

Official list of Cuban television stations on the air or granted construction permits as of July 15, 1953. Data supplied by Dr. Francisco Palomares Garcia, sub-secretary of the Ministry of Communications and Transportation, Republic of Cuba.

CALL	CHANNEL	CITY	POWER (kw.)	OWNER	ADDRESS
CMA-TV	2	Havana	5	Radiotelevision El Mundo	Calle 23 #55, Vedado
CMUR-TV	4	Havana	5	Union Radio Television	Mazon #52
CMQ-TV	6	Havana	5	Circuito CMQ	Radiocentro, M #312, Vedado
CMBF-TV	7	Havana	5	Radio Universal	Radiocentro, M #312, Vedado
CMGQ-TV	9	Matanzas	5	Circuito CMQ	Radiocentro, M #312, Vedado
CMH-TV	3	Santa Clara	5	Radiotelevision El Mundo	Calle 23 #55, Vedado
CMHO-TV	5	Santa Clara	5	Circuito CMQ	Radiocentro, M #312, Vedado
CMJL-TV	6	Camaguey	5	Circuito CMQ	Radiocentro, M #312, Vedado
CMKU-TV	2	Santiago de Cuba	5	Circuito CMQ	Radiocentro, M #312, Vedado

### CONSTRUCTION PERMITS GRANTED

11	Havana	5	Television del Caribe	Calle 23 #101, Vedado
12	Havana	5	Cadena Azul de Cuba	Prado #53
12	Matanzas	5	Radiotelevision El Mundo	Calle 23 #55, Vedado
10	Santa Clara	5	Union Radio Television	Mazon #52
8	Santa Clara	5	Cadena Azul de Cuba	Prado #53
4	Florida	5	Radiotelevision El Mundo	Calle 23 #55, Vedado
9	Florida	5	Cadena Azul de Cuba	Prado #53
11	Camaguey	5	Union Radio Television	Mazon #52
5	Holguia	5	Circuito CMQ	Radiocentro, M #312, Vedado
4	Santiago de Cuba	5	Radiotelevision El Mundo	Calle 23 #55, Vedado
13	Santiago de Cuba	5	Union Radio Television	Mazon #52
12	Holguia	5	Union Radio Television	Mazon #52
7	Santiago de Cuba	5	Cadena Azul de Cuba	Prado #53
8	Holguia	5	Cadena Azul de Cuba	Prado #53
10	Santiago de Cuba	5	Cadena Oriental de Radio	Campanario #215
3	Holguia	5	Radiotelevision El Mundo	Calle 23 #55, Vedado

All addresses given are in Havana, Cuba.