

Television

THE BUSINESS MAGAZINE OF THE INDUSTRY

UNIVERSITY OF CALIFORNIA
LOS ANGELES

JUN 11 1947

ENGINEERING LIBRARY

Vol. IV, No. 6

JUNE, 1947

ADVERTISING

44 advertisers on during May; Gillette making twenty film commercials

Forty four advertisers were on television last month—39 regulars and five one shots. Break-down of products shows food companies ranking highest with seven on the tele waves, five on a regular contract basis, and two one-shots during May. These include Borden (Lady Borden Ice Cream), Kraft (MacLaren's Imperial Cheese), General Foods (Birdseye, now replaced by La France and Satina, Gaines Dog Food and Post Cereals), Purity Bakeries (Tastee Bread and Grennan's Cakes) and Swift in the regular line-up, with Mueller's Macaroni and A. Goodman & Sons as the one-shots.

Next in rank are retail stores, with five regulars—The American Stores, The Fair, Gimbels Philadelphia, Sears Roebuck and Wanamakers. Auto industry is represented by Chevrolet and Ford. Motor fuel is plugged by Gulf, Esso and Atlantic.

Breweries also rank high, with Griesedieck Brothers and Hyde Park now using KSD-TV. Goebels will start sponsoring the baseball games over WWJ-TV this month. At WBKB, Fox Brewing Co. is slated to sponsor harness racing, the Canadian Ale Company, racing, and the Keeley Brewing Co. will pick up the tab for the Rockets pro football games. Moquin Wine is a regular over WABD.

Commonwealth Edison is the only utility company now on the pix-waves. Philadelphia Electric had been on three times weekly with an hour's afternoon programming over WPTZ which was discontinued when the baseball season started. However there's a strong possibility that Union Electric will shortly go on in St. Louis and that Detroit Edison will program over WWJ-TV when it opens this month.

Benrus, Elgin, Gruen and Longines Wittnauer have sewed up time spots.

DuMont's concerted pitch for sponsors is beginning to pay off. Two sponsors have been sold

for the "Small Fry" children's program—Monday night spot goes to American Pipe Cleaner Corp. for their toy kit, with Thursday night sewed up by Fisher Bakery. Monday night fights from Jamaica Arena will be sponsored by Winston Radio & Television Corp. of Brooklyn, with M. C. Flynn Co. plugging fisherman shears in a one minute live spot. Sanka weather spots, one minute films, are also scheduled to start this month.

Bristol-Myers have taken the 8 to 9 Sunday spot over WNBT. Tex and Jinx show handled by Young & Rubicam will be increased to half hour. Special film shows will be done by the pair during the summer, starting June 22nd. This will give complete programs on films which can be shown over other outlets. Second half hour, handled by Doherty, Clifford & Shenfield, will be the "Party Line", formerly on WCBS-TV. To introduce show, emcee Bert Parks appeared on the Tex and Jinx show June 1st, asking viewers to send in their phone numbers if they wished to be called. Show will debut June 8th.

U. S. Rubber has signed with WCBS-TV to sponsor the National Professional Tennis Championships.

Gillette now has twenty animated film commercials with sound track in the works, which will be put into use some time this month. Four commercials will be used for each night, and films rotated. At present, plans do not call for tying up any other events. Agency is Maxon, Inc.

(For list of Current Advertisers, see page 3.)

SET INSTALLATIONS

Country-wide figures show over 33,000 sets

Over 33,000 receivers are now operating throughout the country. City breakdown shows New York estimates pegged between 20,000 and 25,000; Philadelphia, over 5,000; Chicago, over 3,000; Los Angeles with about 2,500; Schenectady between 550 and 600; Detroit, about 600; St. Louis, about 400, and Washington with 1400.

Frederick A. Kugel, Editor and Publisher; Mary Gannon, Managing Editor; Dorothy Holloway, Washington; T. R. Kennedy, Jr., Technical Editor; Jack Kilpatrick, Patents.

Peter B. James, Business Manager; M. M. Pritchard, Circulation Manager; Richard Rose, Art Director.

Published monthly by Frederick Kugel Company, 600 Madison Ave., New York 22, N. Y. Single copy, 35 cents. Yearly subscription in the United States, its possessions and nations of the Pan American Union, \$4.00; in Canada, \$4.50; elsewhere, \$5.00. Entered as second-class matter February 20, 1945, at the post office at New York, New York, under the Act of March 3, 1879. Copyright 1947 by Frederick Kugel Company. All rights reserved. Editorial content may not be reproduced in any form without permission.

RECEIVERS

Philco to introduce three models; backlog ready for distribution

Philco held its first private dealer showing in Philadelphia end of last month, with main dealer meeting scheduled for Atlantic City June 17th and 18th. New York showing will be held shortly thereafter. First models off production line will include 7" and 10" table models and the highly touted projection set, with a 16"x20" screen.

DuMont plans 25,000 sets this year, with 75% of their production allocated to New York, 5% each to Chicago, Philadelphia and Washington, 4% to Los Angeles and 3% each to Detroit and St. Louis.

RCA 10" tube console, incorporating FM, AM, short wave and phonograph, is now reaching distributors with company in mass production on it. Five feature set sells for \$795, with \$79 additional for installation and owner's service policy effective for a year. Several other console models are also scheduled for distribution later this year.

STATION STATUS

Fourteen new stations due this year; eleven operating

Boxscore now reads 11 operating stations (10 commercial, 1 experimental), 55 grants and 9 applications pending. Fourteen new stations are set to open this year, bringing to 25 the number of operating stations which will be on the pix waves before 1948. IF, and the if covers construction okays, availability of building materials and delivery of equipment on schedule, present timetable is followed, this would mean television in such new centers as Boston, Richmond, Baltimore, Milwaukee, Minneapolis and Cleveland, with additional stations opening in the television cities of Philadelphia, Chicago, and Washington. First half of '48 will see another twelve opening up, with majority of other grants in operation before the end of the year. Holders of channels above 7 are also hesitant until tube performance in the higher bands is proved.

WNBW, NBC Washington outlet, is definitely scheduled to open this month. Crosley Cincinnati station, W8XCT, is now operating with a low power experimental transmitter in the Carew Tower. Modern studios, including a large sound stage, and equipment is being built in Clifton Heights, a suburb about two miles from the city. Company is indefinite as to when they will go ahead on a commercial basis, but plan to rely mostly on film and remote pick-ups at the start.

WTMJ-TV have been continuing their series of television shows with remote equipment to familiarize Milwaukeeans with the medium. Over 415,000 people are estimated to have watched the demonstrations which consist mainly of picking up the crowds, and an occasional telecast of a fashion or cooking show from department stores

in the city or from WTMJ's Radio City. Station is slated for end-of-year opening.

KGWG, Oregonian Publishing Co., Portland, is being held up pending the selection of a suitable transmitter site . . . Intermountain Broadcasting Corp., Salt Lake City, has all equipment operating with test transmissions at unscheduled intervals. Commercial operation is not contemplated at present and station is operating on experimental authorization under the call letters W6X1X . . . KRSC-TV, Radio Sales Corp., Seattle, has the RCA superturndstile already installed on the tower and is now using it for FM. It will be triplexed when television gets underway there next spring.

Timetable for American Broadcasting's five grants is indefinite with officials making no predictions. However, remote equipment is now on hand in New York and emphasis will probably be given to the New York outlet.

Application of the Pennsylvania Broadcasting Co. in Philadelphia (WIP) makes them contenders with the Daily News Television Co. for the one remaining channel—#12—in the city. Application shows that \$360,238 is earmarked for construction and equipment with estimated operating costs pegged at \$25,000 monthly. Proposed studio equipment will include four cameras, a film scanner, remote equipment, and two studios. Equipment will be ordered from RCA. WIP is a Mutual affiliate and has discussed possibility of tele chain affiliation with Bamberger Broadcasting Service in New York. (Bamberger has grants in New York and Washington; dropped their application for Philadelphia in January 1946.) Station is owned by Gimbel Brothers and tele tower will be erected on top of the Gimbel building. Company's original tele application was withdrawn in the spring of 1946.

NETWORK HEARINGS SET

A.T.&T's position as common carrier to be challenged; Philco plugging for micro-wave relays.

Network problem is coming to a head, with position of A.T. & T. as common carrier, being forcibly challenged. Paramount's recent disclosure of extensive relay experimentation by their subsidiary station WBKB, Philco's testimony at the May 26th FCC hearing on frequency allocations to aviation, and General Electric's bid for FCC approval on their relay plans, point up some of the opposition which the phone company may expect in the June 9th hearing on networks.

Philco

Philco partially disclosed their plans at the May 26th hearing when they presented data on their experiments with micro-wave television relays developed at 1350 mc. Stating that their experience has shown that micro-wave relaying is

(Continued on page 6)

CURRENT ADVERTISERS ON ALL STATIONS

Alexander Smith—"Magic Carpet". WABD, Friday. Fifteen minute studio magician series latest in experimental series. Agency, Anderson, Davis & Platt.

American Stores—Sponsorship of boxing bouts. Wednesday. WABD.

Atlantic Refining Co.—Alternate sponsorship of Phillies and Athletics baseball games. WPTZ. Agency, N. W. Ayer & Sons.

Bache & Co.—Financial news from INS news ticker. WABD, Friday, 1 p.m.

Bensus—Time signal. WNBT, Friday. Agency, J. D. Tarcher & Co.

Bristol-Myers—"At Home with Jinx & Max". WNBT, Sunday. Fifteen minute film and live interview format, plugging Unit-Rub and Ipana alternate weeks. Agency, Young & Rubicam.

Borden Co.—Different formats being tried out about twice a month over WNBT. Agency, Kenyon & Eckhardt.

Botany—Weather reports. WABD, WNBT, KSD-TV, KTLA, WBKB. Agency, Alfred Silberstein, Bert Goldsmith.

Brunswick-Balke-Collender—Billiards exhibition. WCBS-TV, one time. Half hour remote.

Bulova—Time spots. WNBT, WCBS-TV. Agency, Biow Co.

Chevrolet—Hour show. Weekly Western film. WABD, Tuesday. Relayed to WTTG. Agency, Campbell-Ewald.

Commonwealth Edison Co.—"Telequizilla". WBKB, Friday. Half-hour viewer participation show. Split sponsorship of 16 Cubs games. Agency, J. R. Pershall Co.

DuMont—Spot commercials. WABD. Brief films on DuMont Telesets.

Elgin—Time spots. WNBT, WABD, WCBS-TV, WBKB, KTLA. Agency, J. Walter Thompson.

The Fair—"Telechats". WBKB, Friday. Fifteen minute news program.

Ford Motor Co.—"Parade of Sports." All events, except boxing from Madison Square Garden. Split sponsorship of Dodgers over WCBS-TV. Split sponsorship of Cubs over WBKB. Agency, J. Walter Thompson.

Gaines Dog Food—(General Foods)—"Juvenile Jury". WNBT, Thursday. Half-hour adaptation of radio program. Relayed to WPTZ and WRGB. Agency, Benton & Bowles.

Gillette Safety Razor Co.—"Cavalcade of Sports". WNBT, Monday and Friday. Boxing bouts. Relayed to WRGB and WPTZ. Agency, Maxon, Inc.

Gimbels—"The Handy Man". WPTZ, Friday. Fifteen minute merchandise demonstration program.

A. Goodman & Sons—Soccer match. WABD, one time.

Griesedieck Brothers Brewery—Fifteen minute program preceding and one minute spot following home games of Cards. Weekly twenty minute sports' news show. KSD-TV. Agency, Ruthrauff & Ryan.

Gruen—Time shots. WCBS-TV. Agency, McCann Erickson.

Gulf Refining Company—"Television News." WCBS-TV. Thursday. Fifteen minute film program. "You Are An Artist." WNBT. Thursday. Fifteen minute art lesson format. Relayed to WRGB and WPTZ. Agency, Young & Rubicam.

Hyde Park Breweries Association, Inc.—Boxing, wrestling, sports. KSD-TV. Agency, Gardner Advertising Co.

Kelvinator—"In the Kelvinator Kitchen". WNBT, Wednesday. Fifteen minute cooking program. Agency, Geyer, Newell and Ganger.

Keystone Plating Co.—"Sports News". WABD, Monday through Friday. Five minute program.

King of the Sea—"Shad Fishing in the Hudson." WABD, one time. Fifteen minute film and live program. Agency, Lowey.

Kraft Food—"The Kraft Television Theatre". WNBT, Wednesday. Product plugged. MacLaren's Imperial Cheese. Hour dramatic show. Agency, J. Walter Thompson.

LaFrance & Satina (General Foods)—"The Wife Saver". WNBT, Thursday. Half hour serio-comic demonstration program. Relayed to WPTZ and WRGB. Agency, Young & Rubicam.

Longines-Wittnauer—Time spots. WABD. Agency, Arthur Rosenberg Co.

Moquin Wines—"Faces to Remember". WABD, preceding pick-up of Yankee baseball games. Five to nine minute program on players in teams.

Mueller's Macaroni Products—"All Men Are Created . . .". WABD, one time. Half hour dramatic show. Agency, Duane Jones.

Pepsi-Cola—40 second spot before Yankee games. WABD. Agency, Newell Emmett.

Perry Blouse Company—"Swing Into Golf". WABD, Thursday. Fifteen minute golf instruction program.

Philco Distributors, Inc.—Alternate sponsorship of Phillies and Athletics baseball games. WPTZ.

Post Cereals—(General Foods)—Split sponsorship of Dodgers games over WCBS-TV. Agency, Young & Rubicam.

Purity Bakeries—Home games of Cards and Browns. KSD-TV. Agency, Young & Rubicam, Chicago.

RCA Victor—"World in Your Home". WNBT, Friday night. Fifteen minute film program. Relayed to WRGB. Agency, J. Walter Thompson.

Sears-Roebuck—"Visi-Quiz". WPTZ. Thursday. Half-hour audience viewer participation program. Agency, Ray Nelson.

Standard Oil of New Jersey (Esso)—"Television Newsreel". WNBT, Monday night. Relayed to WPTZ. 10 minutes of late news films. Agency, Marschalk & Pratt.

Swift—"The Swift Home Service Club". WNBT, Friday, 1 to 1:30. Half hour entertainment, decorating and cooking format. Agency, McCann-Erickson.

U. S. Rubber Co.—"Serving Through Science". WABD, Tuesday. Half hour film program. Relayed to WTTG. "Campus Hoopla". WNBT, Friday. Fifteen minute variety-sports show. Relayed to WRGB and WPTZ. Agency, Campbell-Ewald.

Wanamaker's Department Store—"Wanamaker Presents." WABD, Wednesday. Half hour shopping, merchandise program, presented in cooperation with various manufacturers.

Westinghouse—"Kitchen and Laundry Planning Service". WABD, one time. Half hour film, audience participation, demonstration format. Agency, Batten, Barton, Durstine & Osborne.

Station Line-Up

WNBT: Bensus, Botany, Borden, Bristol-Myers, Bulova, Elgin, Gaines Dog Food, Gillette, Gulf, Kelvinator, Kraft, La France & Satina, RCA Victor, Standard Oil of New Jersey (Esso), Swift, U. S. Rubber.

WCBS-TV: Brunswick-Balke-Collender, Elgin, Ford, Gulf, Post Cereals.

WABD: Alexander Smith, American Stores, Bache & Co., Botany, Chevrolet, Elgin, A. Goodman & Sons, Keystone, King of the Sea, Longines Wittnauer, Moquin Wines, Mueller's Macaroni, Pepsi-Cola, Perry Blouse Co., U. S. Rubber Co., Wanamaker's, Westinghouse.

WPTZ: Atlantic Refining Co., Gimbels, Philco Distributors, Sears Roebuck.

KSD-TV: Botany, Griesedieck Brothers, Hyde Park Brewery, Purity Bakeries.

KTLA: Botany, Elgin.

WBKB: Botany, Commonwealth Edison, Elgin, The Fair, Ford.

Report on Stations, Licensees and Applicants

City	Sales Rank	Population	Channels Assigned	TV Call Letters	Company	Estimated Completion
Albuquerque		77,492		4—KOB-TV	Albuquerque Broadcasting Co.	
Ames, Iowa	13	1,046,692	2, 11, 13	4—WOI-TV	Iowa State College	Fall '47
Baltimore				2—WMAR	A. S. Abell & Co.	
				13—WAAM	Radio Television of Baltimore, Inc.	
				11—WWBT	Hearst Radio (WBAL)	
				*10—	Sarkes Tarzian	
Bloomington, Ind.	5	2,350,514	2, 4, 7, 9, 13	4—WBZ-TV	Westinghouse Radio Stations, Inc.	Late '47
Boston, Mass. (Waltham)				2—WRTB	Raytheon Manufacturing Co.	
				(<i>New England Theatres Pending</i>)		
Buffalo	14	857,719	4, 7, 9, 13	4—WBEN-TV	WBEN, Inc.	Spring '48
Chicago	2	4,499,126	2, 4, 5, 7, 9, 11, 13	7—WENR-TV	American Broadcasting Co. (WENR)	Indefinite
				5—WNBX	National Broadcasting Co. (WMAQ)	Early '48
				9—WGNA	WGN, Inc. (Chicago Tribune)	Late Fall '47
				4—WBKB	Balaban & Katz	Operating
Cincinnati	16	789,309	2, 4, 7, 11	4—WLWT	Crosley Corp. (WLW)	Operating
				(<i>Allen B. DuMont Pending</i>)		experimentally
Cleveland	9	1,214,943	2, 4, 5, 7, 9	4—WNBK	National Broadcasting Co. (WTAM)	Early '48
				5—WEWS	Scripps Howard Co.	Fall '47
				(<i>Allen B. DuMont Pending</i>)		
Columbus	29	365,796	3, 6, 8, 10	3—WLWC	Crosley Corp.	Summer '48
Dallas	27	376,548	4, 8, 12	4—KRLD-TV	KRLD Radio Corp.	
				(<i>Interstate Circuit, Inc. Pending</i>)		
Dayton	44	271,513	5, 13	5—	Crosley Corp.	Summer '48
Detroit	6	2,295,867	2, 4, 5, 7, 9	5—WDLT	American Broadcasting Co. (WXYZ)	Indefinite
				2—	Fort Industry Co.	Indefinite
				4—WWJ-TV	Evening News (WWJ)	Operating
				(<i>United Detroit Theatres Corp. Pending</i>)		
Fort Worth	51	207,677	2, 5, 10	5—KCPN	Carter Publications, Inc. (WBAP)	Late '47
Indianapolis	24	455,357	3, 6, 8, 12	3—WWHB	William H. Block Co.	Indefinite
Johnstown, Pa.	100	151,781	13	13—WJAC-TV	WJAC, Inc.	Spring '48
Los Angeles	3	2,904,596	2, 4, 5, 7, 9, 11, 13	7—KECA-TV	American Broadcasting Co. (KECA)	Indefinite
				9—	Earle C. Anthony, Inc. (KFI)	Indefinite
				4—	National Broadcasting Co.	Early '48
				13—KDTK	KLAC (Dorothy Thackrey)	Spring '48
				11—KTTV	The Times Mirror	Early '48
				5—KTLA	Television Productions, Inc.	Operating
				2—W6XAO	Don Lee	(<i>See Pending</i>)
Louisville, Ky.	33	434,408	5, 9	9—WHAS-TV	Courier Journal & Louisville Times	Early '48
Miami	38	250,537	2, 4, 5, 7	4—	Southern Radio & Television	Late '47
Milwaukee	15	790,336	3, 6, 8, 10	3—WTMJ-TV	Milwaukee Journal	Late '47
Minneapolis (St. Paul)	11	911,077	2, 4, 5, 7, 9	5—KSTP-TV	KSTP, Inc.	Late Fall '47
				4—WTCN-TV	Minnesota Broadcasting Corp.	Early '48
				4—WRVU	WTCN, Inc.	Operating

City	Channel	Freq.	Power	Class.	Company	Status
New York	1	11,690,520	2, 4, 5, 7, 9, 11, 13	7- 9- 13-	American Broadcasting Co. Bamberger Broadcasting Co. Bremer Broadcasting Co.	Indefinite Indefinite Construction started*
	Philadelphia	11-			News Syndicate Co.	Indefinite
		5-WABD			Allen B. DuMont Laboratories, Inc.	Operating
2-WCBS-TV				Columbia Broadcasting System	Operating	
4-WNBT				National Broadcasting Co.	Operating	
6-WFIL-TV		3, 6, 10, 12		Philadelphia Inquirer (WFIL)	Fall '47	
10-WPEN-TV				William Penn Broadcasting Co. (WPEN)	Late Fall '47	
3-WPTZ				Philco Corp.	Operating	
Pittsburgh	3-	1,994,060	3, 6, 8, 10		Allen B. DuMont Laboratories, Inc.	Indefinite
	6-KGWG	406,406	3, 6, 8, 10, 12		Oregonian Publishing Co.	Indefinite
	11-WJAR-TV	711,500	11		Outlet Co. (WJAR)	Early '48
	3-WTVR	245,674	3, 6, 8, 10		Havens & Marten	Late Fall '47
	1-KARO				Broadcasting Corp. of America (KPRD)	Early '48
	5-KSD-TV	1,367,977	4, 5, 7, 9, 13		Post-Dispatch (KSD)	Operating
	4-WRGB	431,575	2, 4, 7, 9, 11		General Electric (WGY)	Operating
	2-KDYL-TV	204,488	2, 4, 5, 7, 9		Intermountain Broadcasting Corp. (KDYL)	Operating experimentally
	7-KGO-TV	1,428,525	2, 4, 5, 7, 9, 11		American Broadcasting Co. (KGO)	Indefinite
	5-KWIS				Associated Broadcasters, Inc. (KSFO)	Early '48
Seattle	11-KCPR				Chronicle Publishing Co.	Early '48
	5-KRSC-TV	452,639	2, 5, 7, 11		Radio Sales Corp. (KRSC)	Spring '48
	8-KGDM-TV	79,337	8		E. F. Peffer (KGDM)	Late '47
	13-WTVT	341,663	13		Fort Industry Co. (WSPD)	Indefinite
	9-WOIC	907,816	4, 5, 7, 9		Bamberger Broadcasting Corp.	Fall '47
	7-WTVW				Evening Star Broadcasting Co.	June '47
	4-WNBW				National Broadcasting Co.	Operating
	5-WTTG				Allen B. DuMont Laboratories, Inc.	Operating
	19					
	108					
34						
12						
San Francisco	7	1,428,525	2, 4, 5, 7, 9, 11		American Broadcasting Co. (KGO)	Indefinite
	19	452,639	2, 5, 7, 11		Radio Sales Corp. (KRSC)	Spring '48
	108	79,337	8		E. F. Peffer (KGDM)	Late '47
	34	341,663	13		Fort Industry Co. (WSPD)	Indefinite
	12	907,816	4, 5, 7, 9		Bamberger Broadcasting Corp.	Fall '47
	7				Evening Star Broadcasting Co.	June '47
	4				National Broadcasting Co.	Operating
	5				Allen B. DuMont Laboratories, Inc.	Operating
	19					
	108					
34						
12						
San Francisco	7	1,428,525	2, 4, 5, 7, 9, 11		American Broadcasting Co. (KGO)	Indefinite
	19	452,639	2, 5, 7, 11		Radio Sales Corp. (KRSC)	Spring '48
	108	79,337	8		E. F. Peffer (KGDM)	Late '47
Toledo	34	341,663	13		Fort Industry Co. (WSPD)	Indefinite
	12	907,816	4, 5, 7, 9		Bamberger Broadcasting Corp.	Fall '47
	7				Evening Star Broadcasting Co.	June '47
Washington	4				National Broadcasting Co.	Operating
	5				Allen B. DuMont Laboratories, Inc.	Operating
	19					
108						
34						
12						
Boston	7	1,428,525	2, 4, 5, 7, 9, 11		American Broadcasting Co. (KGO)	Indefinite
	19	452,639	2, 5, 7, 11		Radio Sales Corp. (KRSC)	Spring '48
	108	79,337	8		E. F. Peffer (KGDM)	Late '47
Cincinnati	34	341,663	13		Fort Industry Co. (WSPD)	Indefinite
	12	907,816	4, 5, 7, 9		Bamberger Broadcasting Corp.	Fall '47
	7				Evening Star Broadcasting Co.	June '47
Cleveland	4				National Broadcasting Co.	Operating
	5				Allen B. DuMont Laboratories, Inc.	Operating
	19					
108						
34						
12						
Dallas	7	1,428,525	2, 4, 5, 7, 9, 11		American Broadcasting Co. (KGO)	Indefinite
	19	452,639	2, 5, 7, 11		Radio Sales Corp. (KRSC)	Spring '48
	108	79,337	8		E. F. Peffer (KGDM)	Late '47
Detroit	34	341,663	13		Fort Industry Co. (WSPD)	Indefinite
	12	907,816	4, 5, 7, 9		Bamberger Broadcasting Corp.	Fall '47
	7				Evening Star Broadcasting Co.	June '47
Los Angeles	4				National Broadcasting Co.	Operating
	5				Allen B. DuMont Laboratories, Inc.	Operating
	19					
108						
34						
12						
San Francisco	7	1,428,525	2, 4, 5, 7, 9, 11		American Broadcasting Co. (KGO)	Indefinite
	19	452,639	2, 5, 7, 11		Radio Sales Corp. (KRSC)	Spring '48
	108	79,337	8		E. F. Peffer (KGDM)	Late '47
Philadelphia	34	341,663	13		Fort Industry Co. (WSPD)	Indefinite
	12	907,816	4, 5, 7, 9		Bamberger Broadcasting Corp.	Fall '47
	7				Evening Star Broadcasting Co.	June '47

* Channel reassigned from Indianapolis to Bloomington.

Pending

City	Company	Comments
Boston	New England Theatres, Inc.	These five applications are awaiting final FCC decision on the Paramount-DuMont issue. Companies have received an additional 90-day stay—until August 18th—to request a hearing.
Cincinnati	Allen B. DuMont Laboratories	
Cleveland	Interstate Circuit, Inc.	
Dallas	United Detroit Theatres Corp.	
Detroit		
Los Angeles	Don Lee—W6XAO	W6XAO operating experimentally. Commercial grant awaiting disposition of network practice charges by FCC.
San Francisco	Don Lee	
Philadelphia	Daily News Television Pennsylvania Broadcasting Co.	Hearing will be held by FCC to determine choice of applicant to receive one remaining channel.

(Continued from page 2)

less expensive (cost for two-way relay between New York and Philadelphia is less than one year's rental at presently anticipated coax charges); is easier to maintain and operate, and gives better picture quality due to adequate bandwidth and freedom from distortion and noise, Philco also showed over a 25% reply from present and prospective telecasters, indicating their interest in this form of networking. Company recently filed for five new relay points to strengthen its link between New York and Philadelphia. Right now, the Philco relay is one-way—from New York to Philly only.

Hearing resulted from the request of the air navigation groups to reallocate the 960-1600 mc band and to move television from its present 1295-1425 mc position upstairs to the 1750-1800 mc portion. Philco suggested a compromise, asking that between 1235 and 1360 mc be reserved for television relays. It is believed that the plan

Paramount

Tip off on Paramount's network plans is the recent disclosure of their subsidiary station WBKB's extensive relay experimentation. This is in addition to developmental work being done in the Los Angeles area by KTLA, under the direction of Klaus Landsberg. Further proof that this is one film company not fooling about television is the option given Ford for choice half-hour on *Paramount Network*.

Plans for the relay were devised by Captain Eddy, station manager, with the assistance of chief engineer Arch Broolly, and William Kusack, project engineer. WBKB's relay hooks up South Bend and Chicago, and if plans go through, Chicagoans will see the Notre Dame games this Fall probably sponsored by Goodyear.

Signal will be transmitted over a VHF channel assigned by the Federal Communications Commission to a relay tower built near New Carlisle, Indiana, 18 miles away. From there, it will be directed to a second tower at Michigan City, Indiana.

The Michigan City installation constitutes major jumping-off point on the VHF route to Chicago. The present experimental tower at Michigan City, 125 feet high, extends above the curvature of the earth to be in a direct line of sight with a relay point in the Chicago loop, 47 miles across Lake Michigan. From this loop relay point the VHF signal is sent to the WBKB transmitter and is converted to regular frequency for retransmission to Chicago's receiving sets.

Detailed study of large land areas was obviously needed before final plans for the relay installation were made.

Capt. Eddy equipped one of his own planes with radar and electronic devices and began a series of flights over the Michigan and Indiana countryside. From this data they selected choice relay points at the most advantageous contour of the terrain.

The same method has already been applied to

many hundreds of miles of other Mid-West territory, as part of the overall network plan.

General Electric

General Electric has asked for FCC approval to convert its Schenectady to New York City experimental system into a commercial operation. System now carries telecasts from New York's WNBC to GE's Schenectady station WRGB.

June 9th Hearing

Estimated completion dates of video licensees and permittees will be presented at the June 9th hearings, (see pages 4 and 5), together with plans of A.T. & T., Philco, Raytheon, General Electric, Western Union, et al for inter-city television networks.

It's no secret that FCC called the hearing to make the phone company "put up or shut up" on use of the cable for tele. A.T. & T. has been plugging for exclusive right to network video broadcasts, but its progress and plans for coaxial cable to date have disappointed both FCC and the industry. If the FCC is not satisfied that the company will be able to provide network service—either by cable or relays—between all important video cities in the next two years, it's a safe bet that competition will be let into the common carrier field.

In announcing the hearing, FCC said that New York, Chicago, Los Angeles, Washington and San Francisco may be assumed as principal tv origination points. Cities with three or more tele stations, FCC said, should have access to three or more network services.

A.T.&T.'s latest network plans

According to information given the government—on the q.t.—these are A.T. & T.'s plans for tv networks. (As is to be expected, A.T. & T. is emphasizing coax over relays.)

1. About 6,500 miles of coaxial cable in operation this year; 9,000 miles by year-end 1948. To date only cable link in operation is between New York and Washington, though legs of other portions of the proposed nationwide cable net are nearing completion.

2. To multiply the network shows available in New York, Philadelphia and Washington, A.T. & T. promises to have four one-way channels in operation from New York to Washington by mid-1948. During 1948, the company plans to extend the cable link north to Albany, N. Y. and south to Richmond, Va. It is planned to link such cities as Cleveland, Cincinnati, Dayton, Buffalo, Chicago and St. Louis to a functioning network by year-end 1948.

3. As for radio relays, the phone company estimates the New York to Boston link—now experimental—will be operating in both directions by early 1948. A New York to Chicago system is contemplated in 1949.

Principal use of relays, it was reported, have been for local and short-hauls—at least 20 experiments having been made on the East and West

coasts. A.T. & T. plans to use its cable as the main nationwide artery but to link gaps in the cable with radio relay.

Added to this is the report that the A.T. & T. have notified the FCC that they will shortly review rates for use of the New York to Washington coax. As to what the tariff would be, only commitment was that the charges would be "considerably under those quoted Philco in 1941." Rate quoted then was approximately \$80 an airline mile. However, if okayed, charges won't go into effect until late '47.

CBS MOVE

Analysis of recent CBS programming change-over

CBS' plan, now in operation, is to concentrate on remote pickups by the use of two mobile crews, and film programming. On the equipment end emphasis will be on stepping up signal of present transmitter and rounding out equipment for the mobile operation. By cutting out their studio operation, they feel they will make an important saving, and more effectively operate within their present budget. Evidently they are willing to play second to NBC until there are sufficient television sets in the New York area to warrant higher advertising charges to pay the way for studio programming. However, it isn't likely that CBS will hold to that policy long if DuMont or one of the other licensees threaten their number two position.

In the early days of radio, NBC pioneered in establishing a broadcasting service throughout the country, and while CBS were definitely not asleep at the switch, they weren't too anxious to get in on the pioneering end. CBS were content to build up the weaker stations throughout the country once broadcasting was under way. Both approaches proved to be economically sound.

It would seem, in television though, that there is a fallacy in CBS' reasoning. There would be more sets sold in the New York area if CBS were producing studio shows, and more receivers sold means more advertisers on television. By spending more money now, after one year the size of the New York audience should be large enough to warrant CBS' producing studio shows on an economic basis.

Perhaps the most important factor is that out of town stations will not be able to follow CBS' policy. CBS can do what they are doing now as long as there's NBC to telecast studio programs. Remotes and mediocre films are not sufficient to account for volume set sales at the present receiver price level. Once those in the trade and the "first on the block" group have bought sets, receiver sales will definitely lag, unless television programming improves in quality and variety. Chicago and St. Louis, with one station and limited budget setups, have already run into this situation, and there is a lag in New York set sales. Of course, this is probably in line with the overall economic picture of the country, but it is not in line with the optimistic sales figures (not pro-

duction figures) that manufacturers and broadcasters have had for some time.

As pointed out many times before, television is essentially a blue chip business. Those who go into it have the resources. The question is—Are they going to spread the money out and take a loss over a two or three year period? Or will they concentrate their efforts and build a sound program structure quickly thus capitalizing on the initial enthusiasm which television engenders?

ROUND-UP

Washington news, personnel changes

Solution to the Paramount-DuMont issue may be found if the White radio bill, now in the official Washington hopper, is adopted. Under the bill, holdings would be limited to a point where they could "render a primary service to no more than 25% of the total U. S. population." Applied to television, this yardstick would liberalize FCC's present rule barring a single firm from control of more than five tv outlets.

Old argument that companies with the capital to invest should not be penalized will crop up again, with Paramount offering, as proof of their willingness to invest, their ambitious relay plans already underway at WBKB and their experimentation at KTLA. (See page 6.)

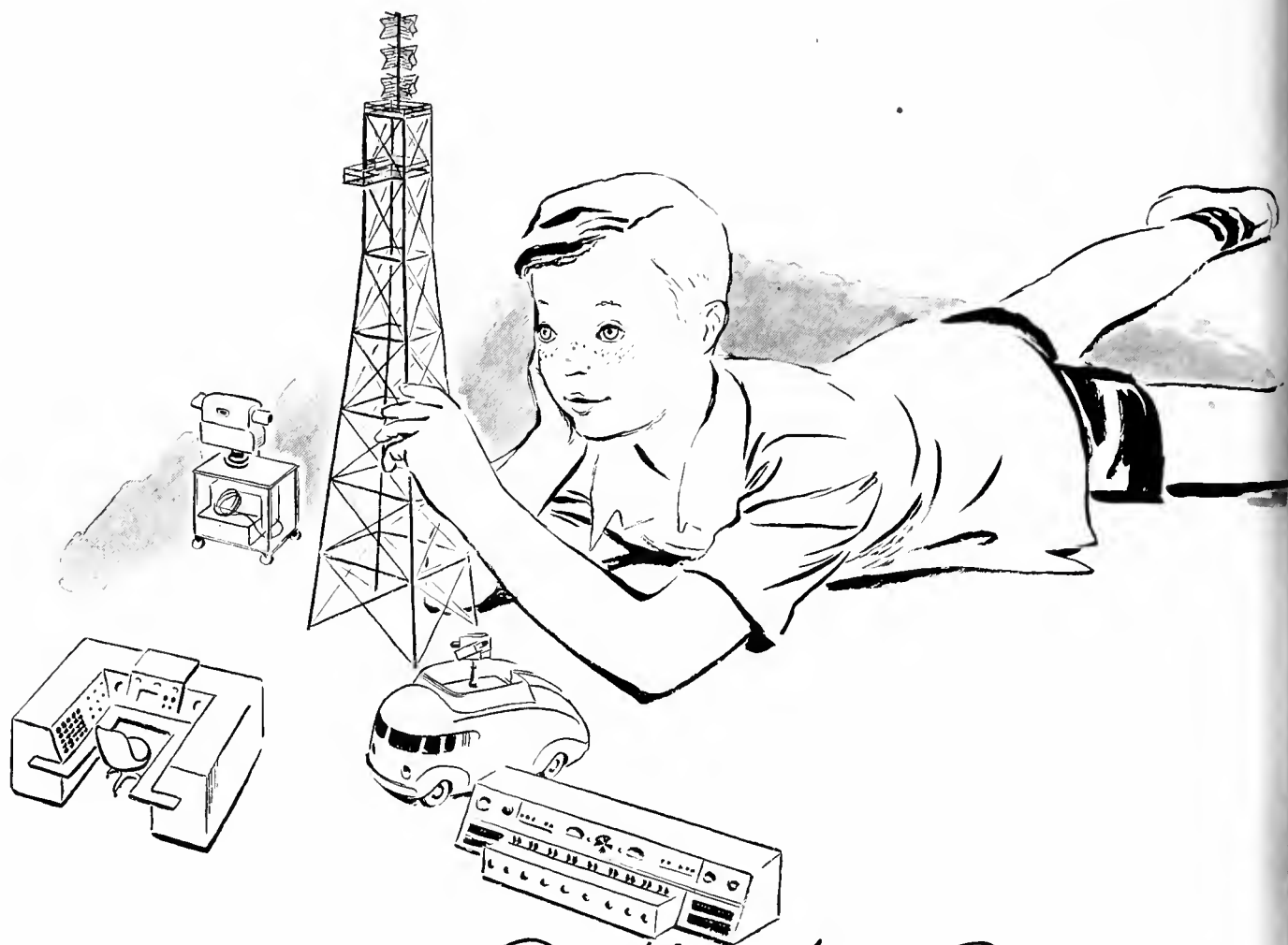
Shared Channels

Television interference from other services sharing its bands will be given clinical examination at FCC June 10th-11th. Government and industry engineers will discuss interference of taxicab, bus, aviation, police and other radio services in the 72-76 mc band and from ham radio stations in the 50-54 mc region; interference resulting from harmonics in the 27-28 mc band, and the "degree of harmonic suppression which may be expected" from other radio services. Private or governmental transmitters will have to be silenced in Washington, Baltimore, New York and Los Angeles when new stations take to the ether. Obviously these other services must shift to other parts of the spectrum but where they can be fitted in is still to be decided.

Personnel Changes

James D. McLean has been named commercial manager of WPTZ, Philco. Mr. McLean was formerly manager of sales of the transmitter division of General Electric. . . . Philip M. Caldwell has been appointed to succeed him at General Electric, with A. F. Wild taking Mr. Caldwell's former post of sales manager of television equipment in the G. E. transmitter division.

William Burke Miller has joined WNBT as program editor. . . . Jack M. Williams has been appointed advertising manager of RCA Victor's Home Instruments Department. . . . Ira Kaman has been named manager of sales and installation division of the Intra-Video Corporation. . . . Tom Reilly, formerly of NBC, has joined WWJ-TV, Detroit. . . . John Mc Neil, former station manager of WJZ, is now station manager of DuMont's WABD.



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