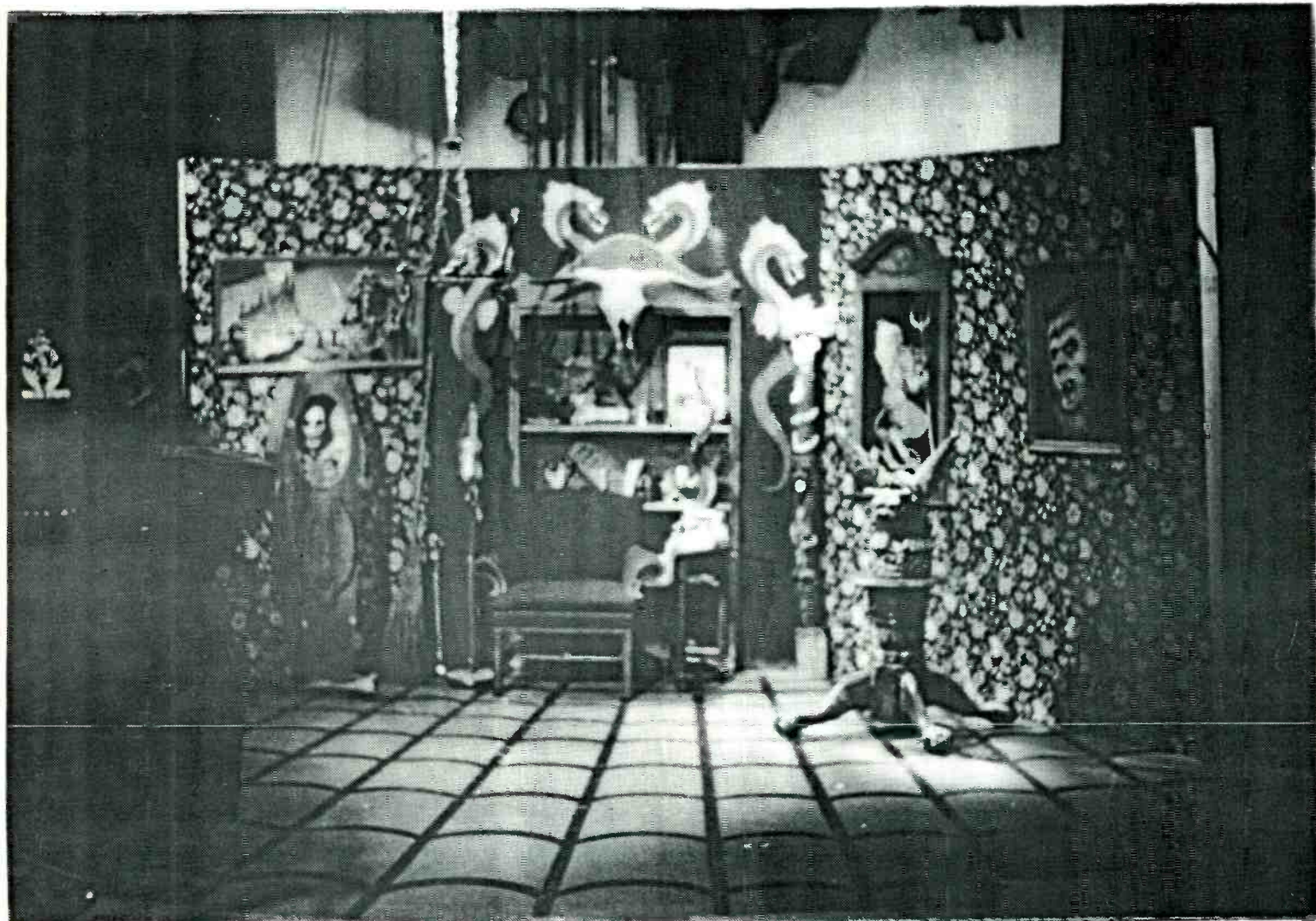


Lo-Power Community TV



**January
1987**

What's Happening

This month we are starting to acquaint you with what you need, and need to know, for operating a low-cost studio. Our experimental setup at K-JAY, TV 34, in Sioux Falls, S.D., is now to the point where we are happy with it and will be giving you various costs we have here as well as showing you what equipment we use.

The idea here is we use no patch cords. Everything can be connected by pushing a button. For example, you can run off one satellite while recording off two others at the same time. You can make two Beta copies, one VHS and one 3/4 copy all at the same time it goes on the air. Or, you can dub from one thing to another at the same time, anytime, with the push of your finger.

You can also change or substitute new sound on the way from anything to anything else as well as fade. The studio can be taped on a certain piece of equipment or broadcast live. We can key over and set up for automatic switching ahead of time if we desire. For example, we switch automatically from Tempo to ITN every evening at

11:30. In the morning it switches back to Tempo sometime between 5:00 and 7:30 depending upon the time we programmed our computer interface to switch to alternate programming.

We will also get into station break automations and other unmanned operations. Currently we switch between nine networks off satellite. We tape "At the Movies" and "Soul Train" for later viewing, but otherwise, nearly everything is broadcast live. Occasionally we tape movies off ITN (overnight network) for broadcast during the day. We use standard VHS, VCRs and internal timers to turn on and tape this at the correct time.

Our goal (soon) is to set up the entire day with everything, including taped shows, to be inserted and run automatically. We will then come in and do studio shows, make tapes, cut commercials, etc., and set up the broadcast schedule for the entire day. The actual switching will be totally automated.

Totally unmanned.

ABOUT THE COVER:

This is the studio set for "Fright Night" at W8BV, channel 8, a low-power station located in Columbus, Ohio. A different spook movie is introduced every Saturday night and converted on during commercial breaks from this elaborate set.

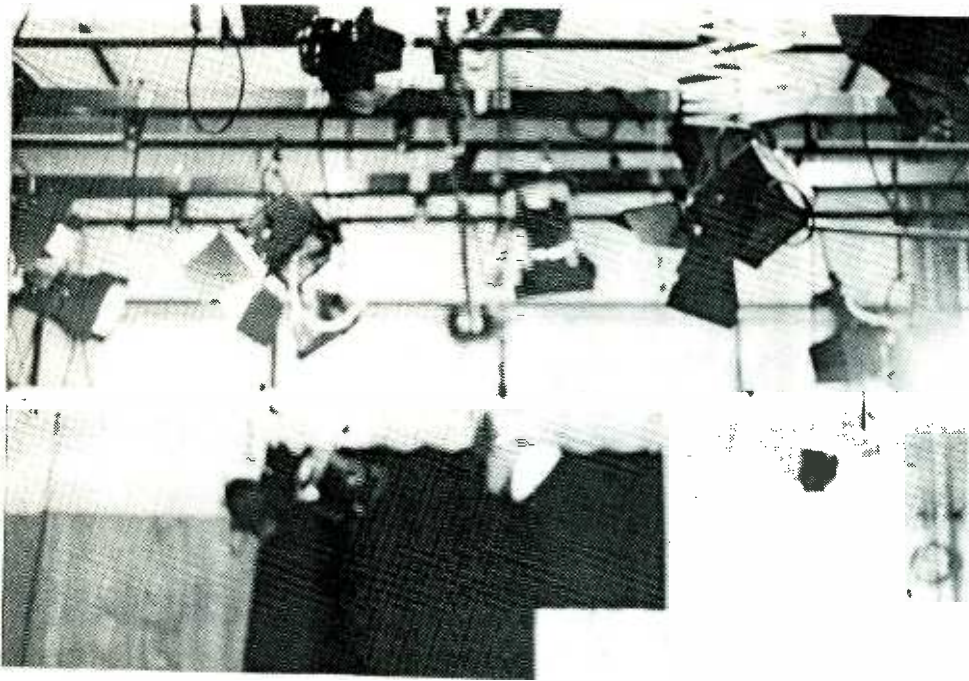
Approximately 15 employees are on staff at W8BV. Bob Lyons is the general manager and the station is owned by Howard Publications. The phone number at W8BV is 614-294-8000.

W9BV is currently operating

in the red, but the owners are optimistic the station will turn around in the near future.

My personal observation is that people who have been in the broadcasting business expected to lose some money initially, and that it is a rare broadcasting investment that gets out of the red in less than two years.

Howard Publications also owns a full-power CBS affiliate, channel 4, station WIVB, in Rochester, N.Y.



Extensive studio lighting on the ceiling of the channel 8 facility, station W8BV, in Columbus, Ohio, is shown in this photo (left). Their equipment is similar to that which is used in most full power stations.



W8BV's IKE GAMI studio camera with teleprompter is shown here (left). The station uses two of these cameras for local studio production in the 10-watt VHF facility, located at 1201 Olentangy River Road in Columbus, Ohio. The channel 8 video is carried to transmission equipment via a MACOM 23-gig microwave link and operates from rented space on a very tall tower. The station is on the air 24 hours a day and uses Video USA overnight. During the day, a combination of local, barter, movie and traditional independent programming is used.

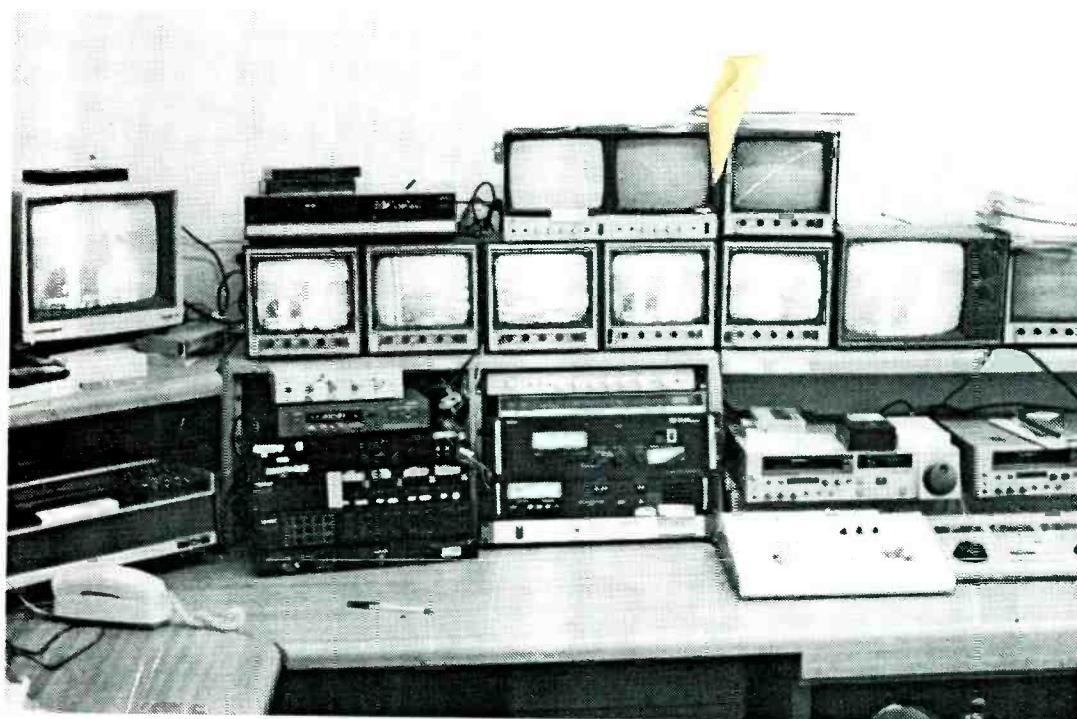
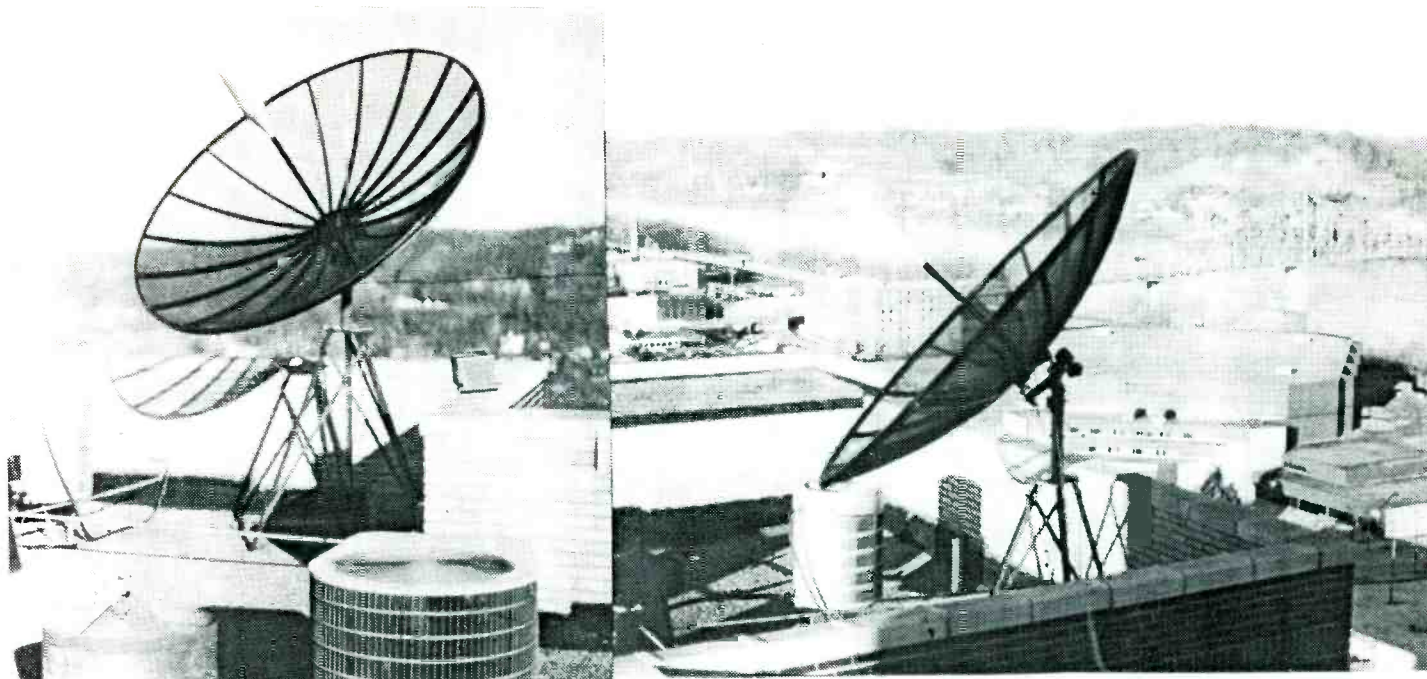


Shown here (left) is the mobile production van used by station W8BV, channel 8, in Columbus, Ohio. The van carries approximately \$75,000 worth of equipment including the production cameras.

Extensive advertising is used to acquaint the public with the station. Besides the call letters on the side of the mobile van (right), other means being used are billboards, product giveaways and other station promotions. All these help gain viewers for the station.

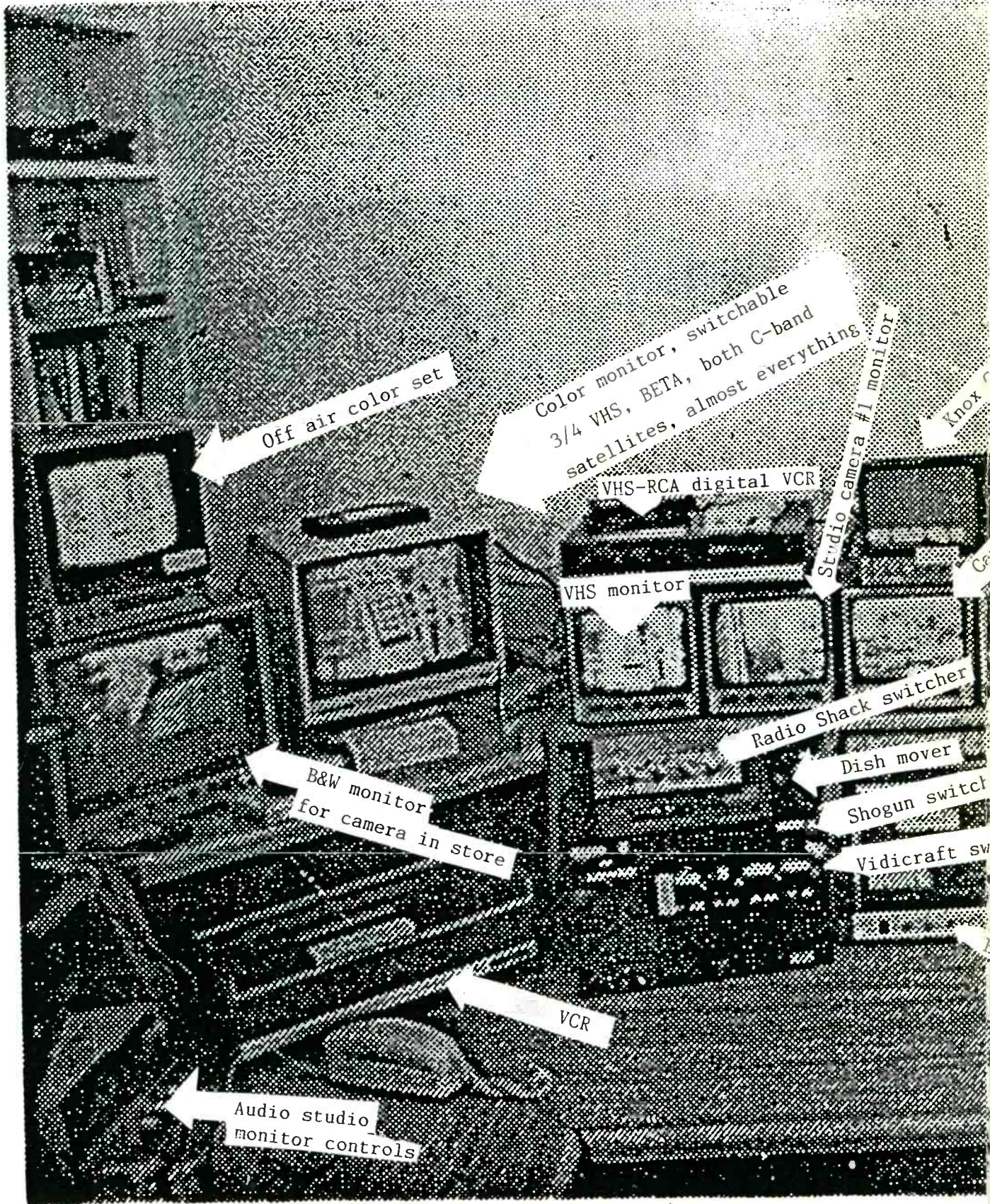


Mike Cunningham (left) takes a break from his duties at channel 8. Cunningham is the program director and production manager at W8BV.



Here are two angles of another roof mounted satellite dish (above). This one, a lightweight 10-footer, is located 15 stories high in Huntington, West Virginia. This is a MACOM motorized mesh dish with a slightly different mount.

This view of a low-cost studio (above) at KJAY, TV 34, in Sioux Falls, S.D., is enlarged in the centerfold of this magazine listing each piece of equipment separately. As much as 80 percent of this equipment could be eliminated with a low-power station still able to operate. However, KJAY has enough equipment allowing them to do a variety of things with a minimum of labor and professional results. Saving money on equipment so one needs to hire more labor is not cost effective in most cases. Some equipment can be purchased at a low cost and sold later for a substantial amount of the original investment. For example, a \$20,000 camera a year later may only bring back \$4,000 to the original purchaser, but a \$1,200 camera sold a year later could still recover approximately \$600.



Off air color set

Color monitor, switchable
3/4 VHS, BETA, both C-band
satellites, almost everything

VHS-RCA digital VCR

Studio camera #1 monitor

Knox

VHS monitor

Radio Shack switcher

B&W monitor
for camera in store

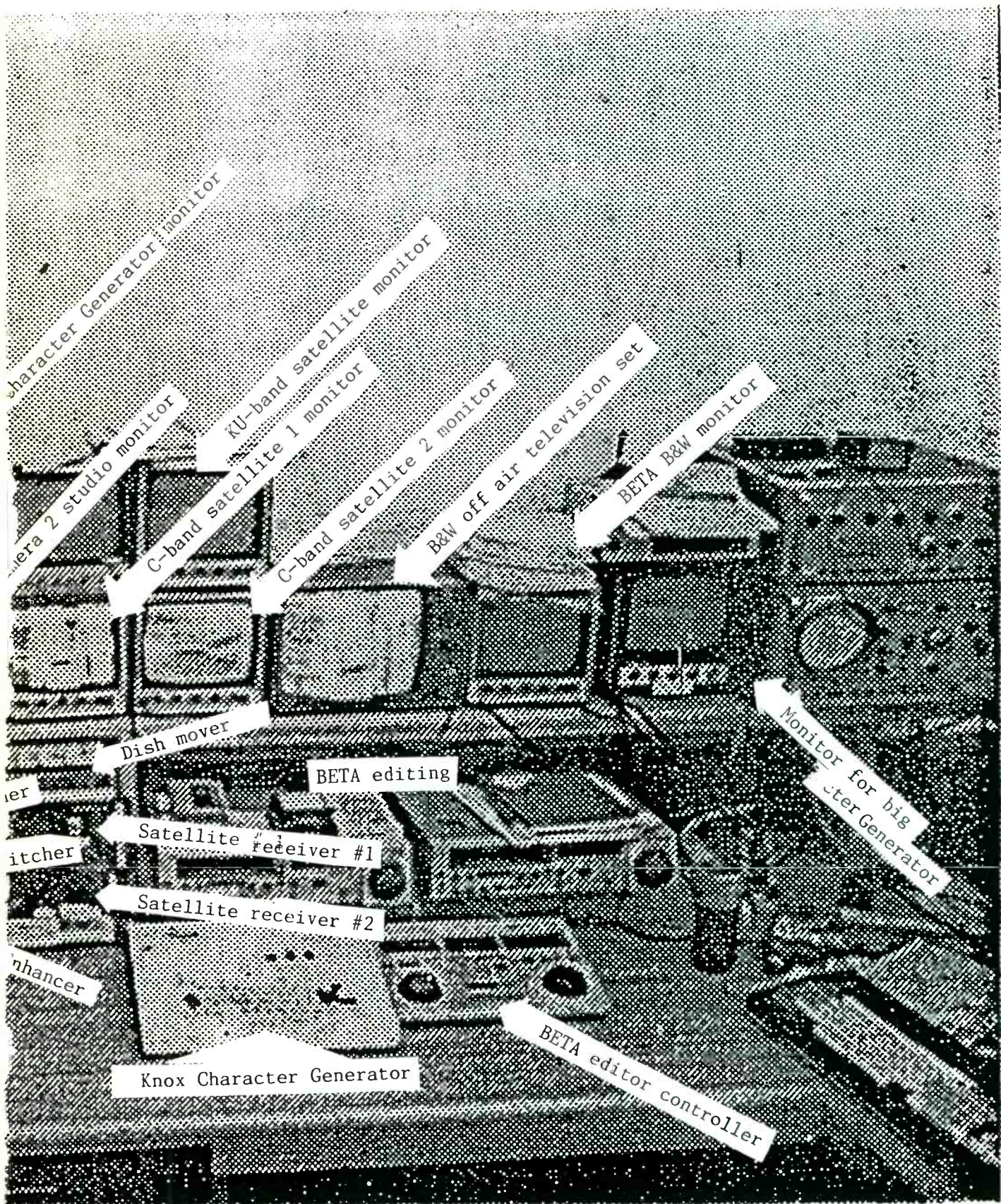
Dish mover

Shogun switch

Vidicraft sw

VCR

Audio studio
monitor controls



Character Generator monitor

Camera 2 studio monitor

KU-band satellite monitor

C-band satellite 1 monitor

C-band satellite 2 monitor

B&W off air television set

BETA B&W monitor

Dish mover

BETA editing

Satellite receiver #1

Satellite receiver #2

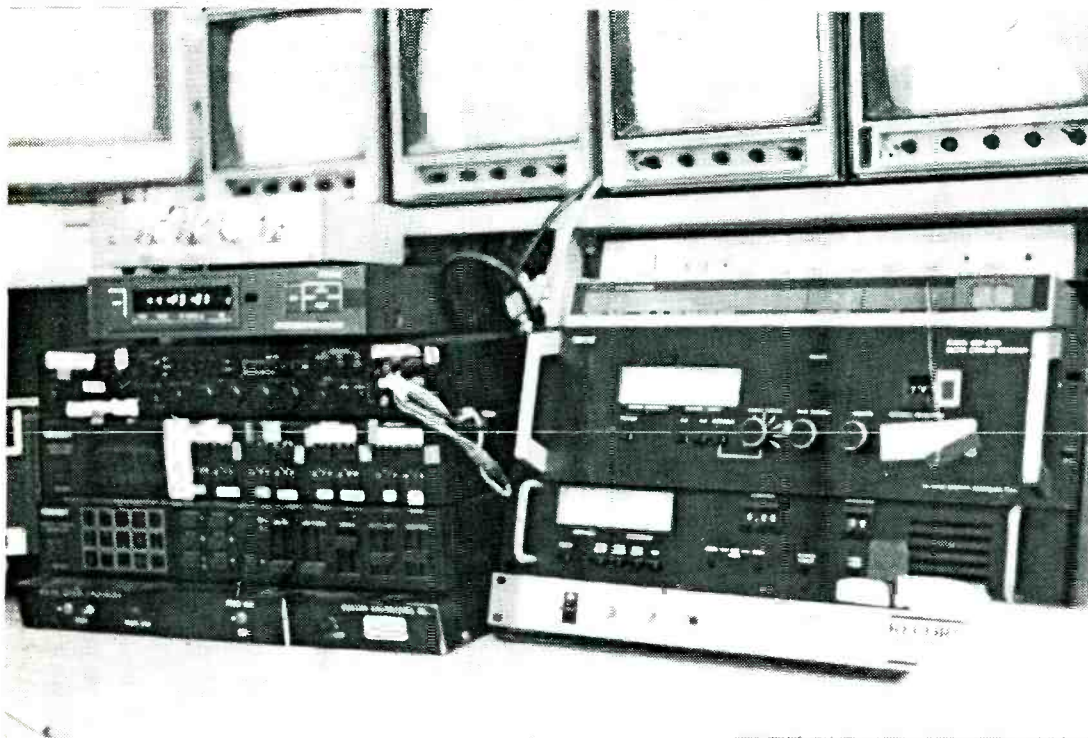
Knox Character Generator

BETA editor controller

Monitor for big character Generator



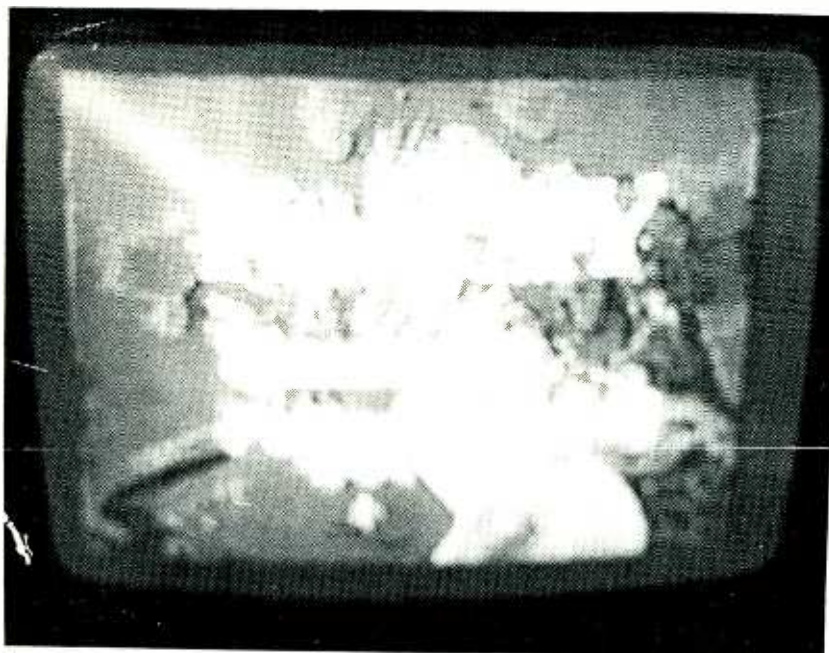
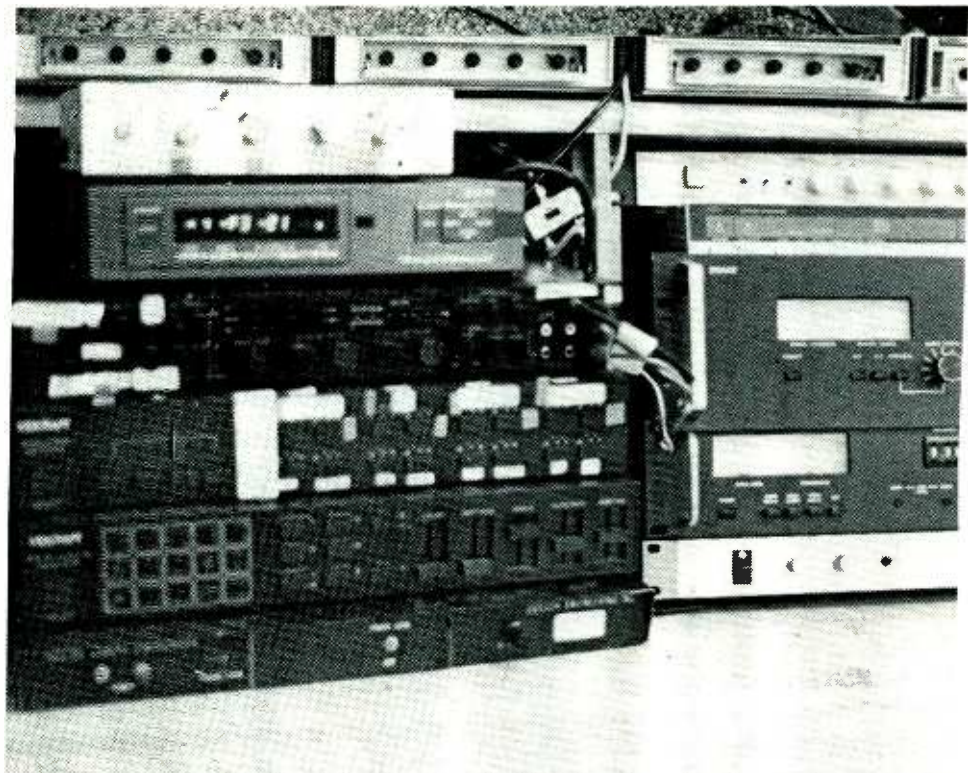
A \$1,200 KNOX Character Generator at KJAY-TV34 (above, left foreground), purchased for \$350, is capable of creating simple white letters in crawl for last minute messages. The two Super Beta Hi-Fi machines immediately above the character generator are industrial version VCRs with editor control in foreground (approximately \$5,400 complete).



The international crystal processor (immediate left) maintains, to a degree, 1-volt video. It changes the coloring and amount of color as well as setting the pedestal height (contrast) and can fade to black. The enhancer sharpens the picture and can also strip sync as well as generate new sync (approximately \$650).

(Immediate left, from top to bottom) An Archer Video Audio Control Center moves the satellite dish to a bird that's been punched up in about 30 seconds (approximately \$170). A Shogun switcher switches 5 in and 5 out as well as adding audio. The Vidicraft vertical interval switcher can switch 4 video and double audio in's to 4 video and audio out's (approximately \$250). The SEG special effects generator ties two studio cameras together, lays down color in different patterns and frames and is capable of doing dissolves, wipes and inserts (approximately \$300).

The photo to the right shows (Immediate left, from top to bottom) a Radio Shack switcher (\$69.95); satellite dish mover (\$179); Shogun mixer and special effects (\$270); Vidicraft vertical interval switcher (approximately \$250); Vidicraft special effects generator and studio switcher (approximately \$280); and on the very bottom is a sync lock for two cameras KJAY had on hand (above Vidicraft does same thing).



In order to switch at the right time you need to know what is on each source, so at least one monitor for each source will be needed. Video monitors in black and white normally cost in the neighborhood of \$250 and up. Color monitors are normally \$400 and up.

The TMK we buy from K-Mart is normally \$180-\$210 and can either be a TV set or a full "loop thru" monitor. A monitor that has loop thru is what you'll need. This means the video goes into the monitor and right back out again, unaffected.

In the future, we may try and obtain a wholesale source for these TMKs and use them in LPTV stations we build. For this price, a TMK 9-inch color monitor is the way to go since you can't seem to find black and white monitors at this price anywhere.

Some video monitors are "dead ends." In other words, the video ends at the monitor. Obviously, you want to see what's on this video line but have to go on somewhere else with it. When you're operating on LPTV, therefore, you'll need "loop thru" monitors.

Finally, when you use VHS or Beta, for example, the machines usually have an RF output on channel 3 or 4. Therefore, with them, you could use black and white TV sets such as an RCA or Zenith, usually available for approximately \$65.

PUBLIC NOTICE

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NOTICE OF SELECTION BY LOTTERY

MUTUALLY EXCLUSIVE CASES INVOLVING LOW POWER TELEVISION AND TELEVISION TRANSLATOR APPLICATIONS

Report No: TS-36

Released: December 23, 1986

Notice is hereby given of the results of the December 15, 1986, public lotteries to determine the award of construction permits for low power television or television translator stations in the mutually exclusive cases listed below. The application listed with each case is the tentative selectee for the construction permit grant. Petitions to deny the selectee must be on file with the Commission not later than 15 days from the release date of this public notice. Pursuant to Section 73.3584(c) of the Commission's Rules, the selectee may file an opposition within 15 days of the filing of the petition.

Absent the filing of petitions to deny and upon determining that the selectees are otherwise qualified, grant of construction permits to the selectees listed below will be made upon completion of processing.

FILE NO. APPLICANT NAME/CITY OF LICENSE

L86-778 BPITL-HK0308NX	Hall Communications, Inc./ Burlington, VT Channel 16	C/O MR. REED, CUPRAK RD. NORWICH CT 06360 REQ:CHAN. 16; ERP 0.93KW
L86-1211 BPITL-840301MY	Louis Maisel/Philadelphia, PA Channel 42	P.O. BOX 327 HARVARD MA 01451 REQ:CHAN. 42; ERP 9.87KW
L86-1278 BPITL-HA0308MX	Howard LP Television, Inc./ Escondido, CA Channel 43	P.O. BOX 570 OCEANSIDE CA 92054 REQ:CHAN. 43; ERP 7.83KW
L86-1286 BPITL-AF0305WX	Generic Television/Reno, NV Channel 63	P.O. BOX 2548 RAPID CITY SD 57709 REQ:CHAN. 07; ERP 0.83KW
L86-1316 BPITL-810330AJ	Jackson Local Television, Inc./ Jackson, TN Channel 32	1 CHEROKEE DRIVE MEMPHIS TN 38111 REQ:CHAN. 32; ERP 15.8KW
L86-1332 BPITL-840306LN	Donnie F. Tucker/Birmingham, AL Channel 30	2086 VALLEYDALE TERRACE BIRMINGHAM AL 35244 REQ:CHAN. 30; ERP 5.0 KW
L86-1357 BPITL-GZ0308MV	K. Sandoval Burke/COR Vallis, OR Channel 14	P.O. BOX 2295 BOULDER CO 80306 REQ:CHAN. 14; ERP 23.6KW

L86-1414
BPTTL-AB0305TH

Quanta Communications/Spokane, WA
Channel 68

BOX 35206
TUCSON AZ 85740
REQ:CHAN. 68; ERP .651KW

L86-1426
BPTTL-EG0307LU

Kelco Television/Dubuque, IA
Channel 62

2137 WEST ROBERTA AVENUE
MILLERTON CA 92633
REQ:CHAN. 62; ERP 10.4KW

L86-1447
BPTTL-GS0308XM

American Lo-Power TV Network, Inc/
Rawlins, WY Channel 41

P.O. BOX 352
WESTFORD MA 01886
REQ:CHAN. 41; ERP 3.64KW

L86-1449
BPTTL-821112S0

Telemedia, Inc./Poplar Bluff, MO
Channel 48

22 HILLTOP DRIVE
KIMBERLING CITY MO 65686
REQ:CHAN. 48; ERP 19.8KW

L86-1450
BPTTL-820426SU

Kanza Broadcasters Inc./Falls City, NE
Channel 46

P.O. BOX 104
HIAWATHA KS 66434
REQ:CHAN. 46; ERP 7.99KW

L86-1451
BPTTL-840116M5

Summa Communications Incorporated/
Seneca, KS Channel 52

4411 BLACKWOOD DRIVE
MONTGOMERY AL 36109
REQ:CHAN. 52; ERP 7.66KW

L86-1452
BPTTL-GF0308UW

Dr. Sonny Persad/Auburn, NY
Channel 54

23 SHERIDAN ST
AUBURN NY 13021
REQ:CHAN. 54; ERP 18.1KW

L96-1457
BPTTL-EC0307R0

The Hunter Partnership/Amarillo, TX
Channel 20

632 CORTLAND STREET
SAN FRANCISCO CA 94110
REQ:CHAN. 20; ERP 26.2KW

L86-1458
BPTVL-GE0308RE

Juan Ramon Ortiz/Pensacola, FL
Channel 8

3124 VANDENBURG DRIVE
WICHITA KS 67210
REQ:CHAN. 08; ERP .096KW

L86-1459
BPTTL-810116RQ

Sur Este Broadcasting Corporation/
Knoxville, TN Channel 64

14112 FARMINGTON BLVD.
TAMPA FL 33625
REQ:CHAN. 64; ERP 1.00KW

L86-1460
BPTVL-EH0307LH

Janet Roberts/Huntsville, AL
Channel 11

SALINA STAR ROUTE
BOULDER CO 80302
REQ:CHAN. 11; ERP 16.8KW

L86-1470
BPTTL-810203IK

National Black Media Coalition/
Cleveland, OH Channel 35

38 NEW YORK AVENUE, N.E.
WASHINGTON DC 20002
REQ:CHAN. 35; ERP 10.2KW

L86-1471
BPTTL-HN0308NR

New Florida Broadcasting Co., Inc./
Sebring, FL Channel 54

9000 SUNSET BLVD #1115
BEVERLY HILLS CA 90069
REQ:CHAN. 54; ERP 10.1KW

L86-1472
BPTTL-EL0307PR

K Sandoval Burke/Malcolm, NE
Channel 64

P.O. BOX 2295
BOULDER CO 80306
REQ:CHAN. 64; ERP 52.9KW

L86-1473
BPTVL-G00308NJ

Mike A Mendoza/Orlando, FL
Channel 11

3804 ROYAL CREST DRIVE
FORT WORTH TX 76140
REQ:CHAN. 11; ERP .095KW

L86-1475
BPTTL-8403067P

Deanna Hinojosa/El Paso, TX
Channel 20

P.O. BOX 355
MERCEDES TX 78570
REQ:CHAN. 19; ERP .543KW

L86-1476
BPTTL-GF0308TE

Jo Ann's Balloon Boutique, Inc./
Albany, NY Channel 58

3804 SEMINARY RIDGE
AUSTIN TX 78745
REQ:CHAN. 58; ERP 2.96KW

L86-1477
BPTTL-840307MR

Elizabeth E. Terrell/Pullman, WA
Channel 41

2373 POINT OF PINES DR.
BOULDER CO 80303
REQ:CHAN. 41; ERP 15.8KW

L86-1478
BPTTL-840308W7

E.C. Stalvey, Jr./Georgetown, SC
Channel 51

P.O. DRAWER V
GEORGETOWN SC 29442
REQ:CHAN. 51; ERP 11.0KW

L86-1481
BPTTL-GN0308SV

The Identity Institute/Madison, WI
Channel 8

P.O. BOX 11309
HONOLULU HI 96828
REQ:CHAN. 08; ERP 0.04KW

L86-1482
BPTTL-810324JL

Minority Communications, Inc./Peoria, IL
Channel 41

606 SILVERSHORE DRIVE
PENSACOLA FL 32507
REQ:CHAN. 41; ERP 17.6KW

L86-1483
BPTTL-AA0305QY

Mark VII Broadcasting/Sioux City, IA
Channel 49

2234 NEWPORT BLVD.
NEWPORT BEACH CA 92663
REQ:CHAN. 49; ERP .883KW

L86-1484
BPTTL-EC0307LU

Micaela Pereira/Mayaguez, PR
Channel 66

P.O. BOX 7
SAN BENITO TX 78586
REQ:CHAN. 66; ERP 17.5KW

L86-1486
BPTTL-EA0307RV

Deanna Hinojosa/Mayaguez, PR
Channel 69

P.O. BOX 355
MERCEDDES TX 78570
REQ:CHAN. 69; ERP 17.1KW

L86-1487
BPTTL-81021RZ

Focus Translators, Inc./Portland, OR
Channel 58

750 OLD HICKORY BLVD, 200
BRENTWOOD TN 37027
REQ:CHAN. 58; ERP 1.32KW

L86-1488
BPTTL-HR0308QN

Jo Ann's Balloon Boutique, Inc./
Stillwater, OK Channel 69

3804 SEMINARY RIDGE
AUSTIN TX 78745
REQ:CHAN. 69; ERP .92 KW

L86-1489
BPTTL-HN0308SG

BTV Associates/Michigan City, IN
Channel 24

250 EAST 65TH ST., #4-H
NEW YORK NY 10021
REQ:CHAN. 24; ERP 6.17KW



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NEXT MONTH:

Low Cost Studio

Revolutionary Developments from Consumer Electronics Show affecting LPTV.

Lo-Power Community TV



February 1987

THIS MONTH IS BIG NEWS MONTH

[1] The FCC has listed new rules for filing, with a filing window getting closer and closer to reality.

[2] JVC announced a new Super VHS that has 400 line resolutions (equivalent to one inch) as compared to a regular VHS with only 260 lines of resolution. It may be available as early as summer and will be priced 20-30 percent higher than a regular VHS.

[3] Digital switchers hit the market (under \$5,000) that are capable of superimposing and inserting wipes on three sources not synchronized. This can all be accomplished without a time base corrector.

[4] A satellite receiver which moves the dish to the right channel at the right time and tunes itself automatically also hits the market.

GUIDELINES FOR LO-POWER OPERATORS

We have been working on programming and looking at options you have to work with as a low-power television operator.

Basically, to keep your station on the air and running smoothly, you have five options:

[1] Keep overhead low while re-broadcasting a satellite source and keep your station on as an investment until a profitable method of broadcasting becomes available. Obviously, one apparent way to make a profit is to have someone buy the station.

[2] Put on a shopping channel which pays you a percentage for airing their programming.

[3] Use it for subscription TV.

[4] Run your station like a traditional independent station by selling advertising locally, and per inquiry, running national ads, too.

[5] Run several channels at the same time and do a combination of the above listed suggestions.

PERFORMANCE OF SHOPPING CHANNELS

The following tells of my personal experiences with airing shopping channels on low-power television. I have run five shopping channels in all.

We ran Crazy Eddie for about one hour per day during December. Eddie paid us on time the equivalent of \$3 per hour. That was based on a 6% commission.

We ran Consumer Discount Network over 200 hours during December, which is the best shopping month. We thought CDN had the best prices, merchandising and programming, but they paid us (after five phone calls) only \$11 for the 200 hours. We have had many different people tell us that they bought merchandise from CDN during the time we carried it. However, CDN paid us around six cents per hour. Totally ridiculous. We sold at least as much as Crazy Eddie per hour yet you are at their mercy on paying you.

We carried Sky Merchant for one hour or more per day and they have yet to pay us a dime. They have not paid us anything since it's actually not overdue yet. This is because Sky Merchant pays only once every three months.

We are currently carrying Tempo full time. They pay six percent full time and nothing for part time. That is not due yet either, but, as a whole, from our standpoint and experience with CDN, "shopping" is not exactly Manna from heaven. It could possibly work and be profitable, but you're going to have to pick the right one.

Unfortunately, Crazy Eddie, the one who paid the most and on time, has gone off satellite and is no longer in TV shopping. ITN is supposed to pay us something on P.I. items they run but after 3 months not a dime. Other LPTV's they have been paying and despite 2 phone calls still nothing to us.

YOU CAN ALWAYS RUN P.I.'S

At K-JAY, we are now trying our luck at selling P.I.'s (Per Inquiry).

We are selling records, jewelry, subscriptions, etc., and get paid for every order received, an average of about \$4 a sale.

ITN and Tempo, for example, run these constantly, and when something is sold, they make a buck and you make nothing.

Therefore, we are now sticking in P.I.'s ourselves during our breaks and will be able to inform you as to how it works out at a later date.

We went to small Midwest independent stations and asked which P.I. companies pay when they're supposed to. They said there were many they had trouble collecting from and we took only the names of those companies which paid off the best. Most of these companies have 20-to-30 offers and you can pick which one you think will do best in your market.

We plan to eventually get this number up to 100 offers a day which, incidentally, are mostly run and inserted automatically.

Average price of TV stations sold last year was \$21,563,887, average price of FM radio stations sold was \$2,886,976, average AM station sold for \$439,946.

Independent TV stations not doing as well either in income or sales price as previously. Sale price for some dropped as much as 50% in the last year. Drop of "must carry" affected many. Bright spot is an Omaha new Independent UHF that mailed over 100,000 UHF loop antennas to entire population. More on this newest Independent later. Loop antennas can be bought for as little as 20 cents when buying thousands.

Channels magazine notes that the best Independent TV stations ever do is 20% of the viewers and it doesn't really matter if it is one or three Independents in a market. With 3 they still just split up the 20% (or split less than 20%.)



It would seem low powers are only going to take viewers from the existing independent and if there are none - then 3 low powers (owned by one entity competing with itself) might get to 20% of the viewers at best. 3 network stations and an independent and educational means 5. 20% of viewers is top out of 5 over the air for any independent. Average is probably more like 10%. Low powers maybe able to do 5 to 10% of viewers.

We have been doing no local programming at all yet. That is time consuming, labor intensive and costs money. We have been concentrating on getting viewers with national programming. Plenty good stuff available and we are adding new shows weekly. When we have a schedule that draws people to our channel, then we will do some local. Right now, we are still after viewers. We do no selling of commercials yet. We want to have a good percentage of the audience before we go to that overhead. We want to be able to deliver results so when we do sell advertising they will repeat and stay with you. If we go out and sell local ads and no one's watching yet, we will eventually lose that account. Using P.I.'s will give us a rating (\$) system. As our income from P.I.'s goes up we know our viewers numbers are going up. When we can deliver results, then we will sell local ads. Right now, adding a sales force would probably cost more than it generates and since we are not satisfied we have sufficient viewers yet ourselves, we can hardly tell others we have viewers in the numbers they need.

We have been doing a lot of work on finding the ideal inexpensive character generator for your LPTV operation. We are currently trying one out which can interface with and use graphic material produced on a computer to genlock with, and be compatible with, a standard TV. More on this elsewhere in this edition.

The more we get into production, the more we believe that a good character generator is the backbone or image you create for yourself as a station. This is almost entirely determined by the quality or reproduction you get from your character generator or graphics department.

There are character generators priced from \$400 and up. You do, however, need one which is able to genlock, or superimpose words over a standard picture. Without that capability, character generators are not much help. The price of a used character generator is approximately one-third the cost of a new one, but remember, service on older models is sometimes difficult to obtain.

Mindset, which JVC now distributes, is in the \$5,000 and up price range. We have done articles on this in the past as a possible answer for LPTV users. Mindset can also be used for other work, such as a standard computer. At least one LPTV operator I know (and reader of this publication) has recently installed a mindset and I am awaiting a report on his evaluation of it.

At K-JAY in Sioux Falls, South Dakota, we purchased a used Micro Tek (\$6,000 new) for \$1,500 which is not capable of genlocking. We hope, however, to cure that problem with a digital switcher (see article on this elsewhere in this edition).

A character generator, or graphics generator like Mindset, can be used for producing very professional looking work and can store it for use at a later time. Our Micro Tek will hold 100 pages (you need at least that capacity) and data can be called up at the touch of a button. It is always on line and gives you something to switch to instantly if the satellite feed goes down (which seems to happen two or three times a month).

We are now looking at fast video detectors that instantly switch to the character generator in case video is lacking. Thus, if a tape inadvertently ends, etc., you are never left with "snow" on your channel.

At K-JAY, we print our schedule for the day on our character generator and are also capable of putting our call letters on the screen at the time. We also use a computer or timer to display it on the screen at half-hour intervals. Therefore, if we have a show that's aired at the same time every day, we need only change the schedule to include the programs which are different from the day before.

In other words, type your daily schedules in the character generator and store them. Once that is done, all you need to do is call that particular page up in the morning and insert the new programs for the day which weren't aired the same day the week before.

You can also use the character generator's menu to see what you're supposed to have on the air and at what time. Thus, there are no papers or memos floating around with the day's programming on it which you can't find. In other words, it's a multi-purpose tool to have around.

If you are using a combination computer and character generator, you can print a hard copy (paper) with your schedule on it and no one ever needs to type it out again.

Now, if you have a wireless control system (under \$100) interconnected with your computer, you can simply go through and program

automatically all the switches and changes you need to have take place the entire day.

By using a time programmable satellite switcher and dish mover, you can get by with two dishes and be unmanned when switching and recording feeds at different times. You then set up your VCRs with their built-in timers to come on at certain times. Your feeds, for purposes of airing at a different time, are then taken care of automatically. It's difficult to overcome an employee's failure of not recording a feed at the time they were supposed to.

Many of our programs on K-JAY, such as "Soul Train" and "At The Movies," are aired twice during the week, and if we miss taping their feeds, we have a big hole in our schedule.

We also tape overnight feeds from the International Television Network which we air at certain times the following day. Since it's too expensive to have an employee on the clock that time of night, it's more feasible to have those feeds set up to record automatically.

If you automate your station, one or two part-time people can do the whole thing. If you have towns which are close together, one town can do feeds and commercial productions and the nearby town needs to only have one satellite receiver and programmable tape insertion. Simply ship the day's inserted tapes (programs and commercials) to the other station and one employee can then type in the changes (switches) on the computer (under \$300) and load the tapes for the day's programming.

Remember, we are working hard to get professional results with a minimum of employees, and I firmly believe our success in accomplishing this will be the key to whether many Low-Power stations remain in business and make money. We, at K-JAY, are changing and improving so often that right now I'm going to hold off on giving you a complete "how to" course until I'm completely satisfied with our setup.

I have run into Full-Power stations which use similar programs to ours and program their entire day with barter programming. You may not be aware that many of the big shows on TV carried by your local network station are barter shows. Many are already on in your market and are not available to you. But many are not on in your market and are available to you. However, some of these will not talk to Low-Power stations because they are "not rated" and cannot collect from their advertisers for running their program.

We are currently receiving programming from nine different sources, all free except one, and all available on satellite feeds.



Every year we write about the CES. It used to be that new developments were constantly being made for broadcast cameras which eventually trickled down to consumer goods.

Not so anymore with the advent of the chip (whole gobs of circuitry which is the size of your fingernail and more than what used to be in an entire TV set).

These chips are expensive to design, but cost practically nothing to produce. So, if you have a market for millions of these chips, spread the development cost out for just a few cents apiece.

New developments come out now in consumer items first because that's where they have the best chance of making their research and development money back with the greatest profit.

This year, the big thing in my view has been consumer digital video processing. Digital audio processing has been available for a couple of years (CDs for example) and digital audio tape recorders are also available, but no one is pushing them yet because they are doing so well with CDs. Sanyo 8mm equipment with digital audio can

tape 24 hours of audio digitally on one cassette.

Meanwhile, what does digital video processing mean to Low-Power television stations?

Up until now you couldn't combine pictures from two VCRs unless you had genlocking VCRs (about \$8,000 each) or an expensive time base connector (about \$5,000) for adequate locking.

Digital processing of two video signals from any source can now be locked together with a \$600 VCR. Best of all, there is also a new switcher available from NuMark for under \$5,000 that does everything digitally from wiping, dissolving, and superimposing two 1/2 VCR signals.

Now, once you start processing digitally, you can do all sorts of tricks with it and you'll see even more amazing digital processing video tricks during the CES show in June.

Sony is about the only company which hasn't announced any digital VCRs at this time. Sony has digital processing for one of their television models, but not on any of their VCRs as yet.

The National Translator Association has a seminar scheduled at Winrock Inn in Albuquerque, N.M. on April 30, May 1 and 2 primarily for technical people in LPTV and Translators. Keith Larson, FCC will be guest speaker on window, etc. Some manufacturers will display etc. For further information contact NTA. Registration includes lunch on the 30th and 1st. They have an April 20th deadline for registration. NTA member \$80 and non-member \$155. Write:

Darwin Hillberry
Box 628
Riverton, WY. 82501

Lo-Power Community TV magazine is published 12 times per year. Sample copies are \$5 and subscriptions are \$50 annually. The magazine is written to supply needed information for operating a low-power television at a reasonable cost.

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Before the
Federal Communications Commission
Washington, D.C. 20554

MM Docket No. 86-286

Low Power Television and
Television Translator Service

REPORT AND ORDER
(Proceeding Terminated)

Adopted: February 2, 1987; Released: February 27, 1987

By the Commission:

1. The Commission has under consideration the comments filed in response to the *Notice of Proposed Rule Making* (hereinafter "Notice") in this proceeding.¹ In the *Notice*, we proposed possible modifications to the application filing window procedure used in this service to limit the number of applications submitted during any one window, and solicited comment on a procedure that would allow low power television and television translator stations that are displaced by the authorization of conflicting primary services to move to a different channel without competing with other applicants.

2. After careful consideration of the comments and reply comments, the national character of the filing window procedure will be retained with a limit or "cap" of five applications per window by the same applicant or by any entity having an interest of one percent or more in any applicant(s) filing in one window. We will also adopt our proposed "displacement" procedure, so that the authorization of a low power television or television translator station can be modified to avoid interference with subsequently authorized primary video services or land mobile radio operations without the filing of competing applications. The original proposal will be expanded to include those stations which are forced to change channels due to cable headend or output converter interference, or interference to other protected services. The comments generally supported adoption of these proposals.

3. We believe that the new rules adopted herein will contribute greatly to the orderly development and stability of the low power television service, and to the extension and expansion of television translator service in needed areas. By retaining the national filing window procedure and limiting the number of applications to be submitted in a given window, an applicant's ability to file for any location is best safeguarded. Further, our new procedure to permit authorized stations that interfere with subsequently authorized primary services to change channels should provide the flexibility needed to preserve an overall level of television service to the viewing public. *Modification of Application Filing Window Procedures*

4. New low power television and television translator construction permit applications, and those for major changes in facilities, may be submitted only during a specific time period, or "window," announced by public

notice. In the rule making proceeding in which we adopted this procedure, we stated that except in isolated situations where it is apparent that no prejudice will occur to adjacent areas, we will open the filing windows for all available channels throughout all of the country. *Report and Order in MM Docket No. 83 - 1350*, 102 FCC 2d 295, 300 (1984). Consequently, under the original approach, any window for the continental United States (with the exception of Alaska) would have to include all 48 contiguous states.

5. As indicated in the *Notice*, our experience in processing the 37,000 applications pending in this service since 1984 suggests that additional processing delays of at least two years could occur if another 25,000 applications were filed in the first nationwide filing window, as actually happened during one 30-day period. Such a situation would not only be administratively intolerable, but, more importantly, would be detrimental to the establishment of new television service. Therefore, we proposed to limit the number of applications that could be submitted in any one filing window. Specifically, we proposed three alternatives: a "geographic" approach, in which windows would be opened only in particular state(s) or region(s); a "cap" approach, which would limit the number of applications that could be filed by an applicant in a window; or some combination of the geographic and cap approaches.

6. After deliberation on the relative merits of these proposals and consideration of the comments, we will retain the nationwide filing window approach. A limit or "cap" of five applications per window by any applicant or by any entity which has an interest of one percent or greater in application(s) filed in that particular window will be maintained. However, there will be no cap on major change applications filed by authorized stations, as indicated in the *Notice*. In order to enforce the five applications per window limit, ownership information will be required of each applicant, listing the name and address of every individual or entity which has an interest in the particular application, as well as all other applications in which any party to the application in question has any interest. Commenters supported this additional information requirement, indicating that knowledge of applicants' ownership is essential in enforcing the application cap. We concur. As stated in the *Notice*, we expect that this information will "assist in deterring misrepresentation and abuse of our processes by over-filing applicants." *Notice*, 104 FCC 2d at 1375. FCC Form 346 will be amended to solicit this new information.²

7. The comments generally supported retention of the national filing window approach, provided that a small cap on the number of applications that may be filed in a given window would be adopted as well. Only one commenter (Pulitzer Broadcasting Company) expressed a preference for a geographic window approach, suggesting state windows with a "flexible" cap. Significantly, low power television and television translator interests and full service television group owners alike preferred a national window, arguing that prejudice would inevitably result to areas and applicants which may later be precluded from filing in an area outside that window. Commenters further stated that a geographic window approach would actually work against the expeditious institution of new service, since most areas could not be filed for until much later than any initial window. Moreover, some commenters indicated that geographic windows could actually contribute

to the lessening of service by encouraging filings for an area on the border of a window which actually intend to serve another area outside the window.

8. We agree with those observations; in fact, eliminating the possibility of any such preclusion of filings was the main reason we initially adopted the nationwide filing window approach in 1984. *Notice*, 104 FCC 2d at 1375-76. Since the low power television and television translator service is fundamentally of a "fill-in" nature, functioning best wherever full service television is not received or is economically infeasible, we believe the best approach is to retain the nationwide filing window approach to ensure maximum flexibility in the locations where applicants could propose new facilities.

9. Commenters also thought that the imposition of a cap on the number of applications per window was desirable, since the three-year "freeze" on the submission of new and major change applications in this service was largely necessary because of the voluminous over-filing of a few applicants under the former cut-off list procedure. Commenters further stated that the Commission's concern with possible future backlogs in the nationwide approach would no longer be justified if a cap was imposed. Most commenters that specifically addressed the appropriate number for a window, including the major full service television and television translator trade groups, the National Association of Broadcasters ("NAB") and the National Translator Association ("NTA"), suggested that an application cap be kept small, generally to five applications per window or less, so that further filing abuses might be prevented and so that more frequent application filing windows could be opened.³ Only a few commenters suggested a cap larger than five per window.⁴ The major concern of these commenters was that the cap not be so small as to effectively cut off full service television and state public television networks from applying for new television translator construction permits.

10. We believe that the nationwide approach with a restrictive cap of five new applications per window will best assure that all applicants will have the ability to file the applications they desire when they desire. We reported in the *Notice* that, according to our application data base, 80 percent of all applicants have filed five or less applications, and that at least 75 percent of all applications have been filed by 10 percent of all applicants. Thus, we expect that this particular application cap of five will provide the best insurance against over-filing and its attendant delays while allowing nearly all applicants to file for any location within a reasonable time. Moreover, the cap will allow our staff to use its resources most effectively. If a relatively small number of applications is filed during one window, after initial processing of those applications, another window can then be opened. In this way, we can maintain a constant, more easily regulated application flow and speed processing of applications to lotteries and grants. Finally, more frequent national windows will best benefit commercial and non-commercial television interests which desire to apply for television translators to expand or fill in service, since any geographic window approach would likely result in an inability to file over some state or regional boundaries. *Displacement of Low Power Television and Television Translator Stations*

11. In the *Notice*, we recognized the grave problem faced by authorized permittees and licensees in this secondary service when their stations interfere with television services or with land mobile radio operations authorized

subsequently. These stations must correct any interference which they cause to other primary services, and may have to file applications for major or minor modifications to their authorized facilities. Major modifications include any technical changes that expand the station's predicted contour in any horizontal direction. Any change in output channel subjects these stations to competing applications, lotteries, and the possible loss of their station operations.

12. The risk of displacement run by low power television and television translator permittees and licensees may serve to discourage long-term financial backing for this fledgling industry, leading to its destabilization. More importantly, this situation might result in inferior service and the lessening of viewing choices available to the public. Consequently, to provide some relief for stations which can no longer operate on their previously authorized output channels, we proposed to modify the permit or license of a low power television or television translator station which involves actual or predicted interference with a subsequently authorized primary service when the licensee or permittee submits an acceptable . . . application which specifies a new channel which is not mutually exclusive with any other pending low power television or television translator application or with any authorized low power television or television translator stations. The permittee or licensee must demonstrate that the proposed change is necessary to avoid any predicted interference to land mobile radio operations or to an authorized full service television station as defined by Sections 74.705 and 74.709 of our Rules. Further, the application may not propose a significant change in the station's service area (e. g., restricting antenna site moves to less than 10 miles). *Notice*, 104 FCC 2d at 1379.

13. No commenter disagreed with the basic parameters of this approach; indeed, commenters generally echoed our expressed concern that some relief must be provided to displaced stations in this service to ensure that overall television service to the public will not be degraded. Consequently, we are adopting this proposal substantially as advanced in the *Notice*. From the effective date of this *Report and Order*, all currently existing and future low power television and television translator permittees or licensees which are displaced from the channel on which they were authorized originally may at any time submit an application that proposes operation on a channel on which no other mutually exclusive low power television or television translator applications are pending, and which is not predicted to interfere with any other pending low power television or television translator applications, authorized television services or land mobile radio operations.⁵ We will not permit the filing of competing applications;⁶ if acceptable, these "displacement" applications will be placed on a proposed grant list, and petitions to deny may be filed in accordance with Section 73.3584 of the Rules. However, if "displacement" applications tendered during a filing window are found to be mutually exclusive with any other new or major change application(s) tendered during the same window, they will be processed together. Finally, those stations previously displaced and now operating in accordance with properly tendered applications pursuant to special temporary authority (STA) will have those applications evaluated after the effective date of these displacement rules. If those applications are acceptable under these criteria, they will be granted.

14. One modification to the original proposal will be made. Sandra A. Engle suggests that the displacement procedure should be extended to authorized stations that are forced to change channels due to uncorrectable cable headend interference. We agree. However, we note that we will continue to refuse authorization of stations that have been demonstrated to interfere with cable headends or output converters under Section 74.703(a) of the Rules, and that we will maintain the "first in time, first in right" interference policy for low power television and television translator stations that conflict with cable television systems embodied in Section 74.703(d) of the Rules. See generally *Report and Order in BC Docket No. 78 - 253*, 51 RR 2d 476, 497-99 (1982) ("*LPTV Report and Order*"), recon. denied in part, 53 RR 2d 1267, 1275-76 (1983). This policy will also apply to stations that are demonstrated to interfere with earlier used MDS or ITFS output converter channels or with television translator input channels.

15. These channel changes can be made only by submitting an application on FCC Form 346, the low power television and television translator construction permit application form. Displacement applications will, of course, be accepted (or returned as unacceptable) under the letter perfect application acceptance standard of Section 73.3564(a) of the Rules, like other applications in this service. A change in antenna type or configuration, or in transmitter output power, which is necessary to avoid interference to other stations on the new channel may be specified in the displacement application in order to preserve service by the displaced station.⁸

16. Displacement modifications will be exempted from the "major change" provisions of Section 73.3572(a)(1) of the Rules. Some commenters preferred the approach alternatively proposed in the *Notice*, whereby we could use our authority under Section 316(a) of the Communications Act of 1934, as amended, to change the output channel of a low power television or television translator station if the public interest would be served by the modification. Still other commenters preferred the Section 316 approach only for television translator stations displaced from Channels 70 through 83 by land mobile radio operations, and advocated exempting displacement applications from major change status only if the applying stations are displaced by full service television stations.⁹ However, we believe that a simple, unified approach to these displacement modifications is in the best interest of both the low power television and television translator service and of the Commission. Under Section 316, the Commission normally takes the initiative in modifying a station's authorization. However, since we are relying in all cases on the displaced permittee or licensee to propose a workable modification, exemption of all displacement applications from major change status is more appropriate than the Section 316 approach. Moreover, following one consistent procedure for all displacement applications will eliminate confusion to permittees and licensees and assist in facilitating the expeditious processing of these applications by the Bureau.

17. Holston Valley Broadcasting Corporation ("Holston") and Bogner Broadcast Equipment Corporation ("Bogner") propose that we allow displacement applications to be tendered at any time after the submission of a full service television application which is predicted to interfere with an authorized low power television or television translator station. These commenters essentially urge us to permit the filing of displacement applications by low power television and television translator permit-

tees and licensees when there is no immediate threat of displacement from their authorized channels by full service television stations. Given the large number of pending but ungranted full service television applications in various stages of the comparative hearing process, it is likely that some current low power television and television translator permittees and licensees would be eligible to move to different channels.

18. Generally, we will accept a displacement application from an authorized low power television or television translator station if actual or predicted interference exists between it and a licensed full service television station or one authorized by construction permit. This is due to the fact that the low power television or television translator station either has been forced off the air already or will be in the near future. However, where the threat of displacement to the low power television or television translator station is not immediate, we will require the permittee or licensee to demonstrate that, in its case, there is a reasonable expectation of displacement before the station's displacement application will be accepted or approved. In this way, we can avoid misuses of the displacement procedure while guaranteeing flexibility.

19. A number of commenters made suggestions to modify the proposed displacement procedure that would, for various reasons, be inappropriate or unwise to adopt. Spanish International Communications Corporation and various other associated licensees ("SICC") urge us to allow displaced stations to specify any "unused channel" and receive a grant on that channel. By the term "unused channel," SICC is apparently referring to a frequency on which no station is currently authorized. However, this proposal, if adopted, would obviously prejudice all pending but ungranted applications, whether cut-off or not, by subjecting them to immediate dismissal if displaced stations were authorized to operate on their proposed output channels. In fact, a displaced station would force the dismissal of pending applications on different channels that interfere with the displaced station's new output channel,¹⁰ a situation that would be most unfair to those applicants. As a result, the SICC proposal is unworkable and cannot be adopted.

20. We will not limit frequency modifications to so-called "intra-band" exchanges; that is, modifications of VHF or UHF low power television or television translator stations will not be restricted only to another channel within the band in which they are authorized, as suggested by the Georgia Public Telecommunications Commission and by Community Television of Southern California. Such a limitation would arbitrarily restrict the relocation of stations, particularly in areas where most or all full service television stations operate only on either VHF or UHF, with no corresponding public interest benefits. If a displaced VHF station finds a UHF frequency on which it can operate in accordance with our new displacement procedure, it may propose operation on that channel; this is equally true for displaced UHF stations that can operate permissibly on VHF frequencies.

21. Hubbard Broadcasting, Inc., in referring to our "less than 10 mile" limitation on antenna site moves for displaced stations, states that there may be "technical reasons" in some cases for a low power television or television translator station to move a distance of 10 miles or greater that should not be restricted as long as service continues to be provided. The 10 mile limit was proposed, and is being adopted,¹¹ to provide permittees and licensees

with maximum flexibility in selecting a new site from which to continue service on the new channel while at the same time allowing us to make accurate reference to our data base for interference studies. Consequently, this limit will be enforced strictly. Requests for waiver of the 10 mile limit will be entertained *only* on a *thoroughly documented* showing of the circumstances regarding unavailability of site(s) that make relocation within the limit impossible. Undocumented and inadequately documented requests will result in the prompt dismissal of the displacement application.

22. Bogner urges us to realize that conflicts will arise between displaced low power television and television translator stations for usable channels, and suggests implementation of a system where, in case of such conflict, licensees would have priority for new channels over permittees. In cases where two or more displaced licensees are vying for one channel, Bogner recommends that length of service to the community should be the decisive factor in determining which licensee may operate on that channel. However, at this time, the first application submitted by a displaced station for a new channel will be processed, and, if found to be acceptable and qualified, will receive a grant. While competition for frequencies will inevitably occur, we do not envision its occurrence with such regularity as to necessitate the institution of special procedures of the kind suggested by Bogner.

23. Shamrock Broadcasting Company, Inc. ("Shamrock") and May Broadcasting Company, Inc. ("May") contend that tentative selectees in low power television lotteries should be encouraged to enter into programming and/or purchase option agreements with displaced licensees. Under these proposed agreements, if the tentative selectee and the displaced licensee "serve the same community," the tentative selectee would propose the displaced licensee's power and facilities, and the selectee could, if it chose, air the programming of the displaced station. Shamrock claims that [s]uch arrangements would preserve existing service to the public, provide permittees a source of readily available programming and eventually allow lottery selectees to recoup their expenses and make a legitimate profit through sale of activated stations. Shamrock Reply Comments at 3.

24. This proposal, however, fails in four respects. First, as has been stated, the displacement procedure is being adopted to assist in maintaining an overall level of television service to the public. While low power television and television translator stations are licensed to a geographic "community" for reference purposes, they do not have many of the service obligations that are characteristic of full service television stations.¹² Moreover, the "fill-in" nature of this secondary service, coupled with the full service television allotment scheme, creates a situation where traditional Section 307(b) issues relating to a "community of license" do not exist. Consequently, in this service, "consideration of Section 307(b) issues is not . . . in the public interest."¹³ As a result, we rely on marketplace forces to ultimately provide the appropriate kind and number of secondary services to a particular geographic area. More importantly, the 10 mile limitation on site moves ensures that a permittee or licensee will not attempt to relocate its transmitter so great a distance from its prior location as to cease service to the entire geographic area previously covered by the station.

25. Second, as a practical matter, it is unlikely that an existing station, even one operating on STA, and a pending application would have identical or nearly identical coverage areas, given the power limits in the low power television and television translator service. It is also quite possible that the existing station would have coverage inferior to that proposed by the tentative selectee.

26. Third, in this situation, the new station would not necessarily need to deal with the displaced licensee for its programming. Since the distributors of the displaced station's programming may be eager to continue the airing of their programs in that market, the new station could likely strike its own deal with those distributors.

27. Finally, under present rules and policies, the displaced station operating on STA is not precluded from settling with conflicting applicants in order to gain more permanent authority to operate on its new channel, and we would encourage them to do so, if possible. Shamrock's and May's proposal amounts to an attempt to shift the monetary burden in these situations from the displaced station to the "new" tentative selectee, and, as such, is wholly inadequate to support a rule modification of this type. Because the tentative selectee should be free to make its programming decisions without the disincentives provided by this proposal, we can find no significant public interest factor to support it.

COMMENTS BEYOND SCOPE OF PROCEEDING

28. We stated explicitly in the *Notice* that this proceeding is limited only to the filing window and displacement issues. We are not reopening the record for general comments on other issues affecting the service. *Notice, supra*, 104 FCC 2d at 1369. In so declaring, we indicated clearly that this proceeding would be restricted to the desirability of the rule modifications specifically proposed. Nevertheless, some commenters urged actions of a far wider scope, including: processing priorities for television translator or public television applicants;¹⁴ lottery preferences for displaced stations that cannot find a suitable channel on which to take advantage of the displacement procedure; comparative hearings for displaced stations that are forced to compete with new applicants; power increases for VHF stations in this service, and; affording unique treatment for geographic areas that are particularly dependent on networks of television translator stations. These proposals are plainly beyond the scope of the *Notice*. Therefore, we will not consider these proposals in this proceeding. They would be more properly considered in the context of separate petitions for rule making.

OTHER MATTERS

29. We are also adopting various "housekeeping" rule changes which are necessary to clarify and conform rule sections affecting this service. All of the rule changes adopted herein are reflected in Appendix A.

30. A minor editorial change is being made in Section 74.702 of the Rules to conform with the modification of the phrase "TV Table of Assignments" to "TV Table of Allotments" in Part 73 rules. See *Oversight of the Radio and TV Broadcast Rules*, 1 FCC Rcd 849 (MMB, 1986).

31. A clarification is being made in Section 73.3564(a) of the Rules to reiterate the complete and sufficient standard for acceptance of low power television and television translator construction permit applications and to conform

this section with Section 73.3591(b) of the Rules. While this clarification was made in the *Report and Order in MM Docket No. 83 - 1350, supra*, 102 FCC 2d at 312, and published in the Federal Register, 49 Fed. Reg. 47843 (December 7, 1984), it was not reflected in subsequent editions of the Code of Federal Regulations ("CFR").

32. Various other rule sections were corrected and clarified in the *Report and Order in MM Docket No. 83 - 1350, supra*, and in the Federal Register. However, some of the rule changes made therein were not reflected in subsequent editions of the CFR, including those made in Section 74.780 of the Rules, which lists Part 73 rule sections applicable to this service. Therefore, we reiterate those previously and properly adopted editorial modifications and clarifications here to ensure their inclusion in the CFR.

33. The rules adopted herein have been analyzed with respect to the Paperwork Reduction Act of 1980 and found to impose new or modified requirements or burdens on the public. Implementation of these new or modified requirements or burdens will be subject to approval by the Office of Management and Budget as prescribed by the Act.

34. Pursuant to Section 605 of the Regulatory Flexibility Act, 5 U.S.C. Section 601 *et. seq.*, the Commission certifies that the actions taken herein will not have a significant economic impact on a substantial number of small entities. The rule revisions are designed to simplify and expedite processing procedures. The Commission's Final Regulatory Flexibility Analysis may be found in Appendix C.

CONCLUSION

35. In light of the foregoing discussion, and pursuant to Sections 1, 3, 4(i) and (j), 303, 308, 309 and 403 of the Communications Act of 1934, as amended, **IT IS ORDERED**. That the actions taken herein and the amendment of the Commission's Rules set forth in Appendix A are effective **April 13, 1987**.

36. **IT IS FURTHER ORDERED**. That FCC Form 346 is amended effective upon approval by the Office of Management and Budget.

37. **IT IS FURTHER ORDERED**. That this proceeding is terminated.

38. For further information on this proceeding, contact Terry L. Haines, Mass Media Bureau, (202) 632-7792.

FEDERAL COMMUNICATIONS COMMISSION

William J. Tricarico
Secretary

APPENDIX A

1. The authority citation for Parts 73 and 74 continue to read as follows:

Authority: 47 U.S.C. 154 and 303.

2. Section 73.3564 is amended by revising paragraphs (a) and (d) to read as follows:

Section 73.3564 Acceptance of applications.

(a) Applications tendered for filing are dated upon receipt and then forwarded to the Mass Media Bureau, where an administrative examination is made to ascertain whether the applications are complete. Except for low power TV, TV translator applications and non-reserved band FM (except for Class D) applications, those found to be complete or substantially complete are accepted for filing and are given file numbers. In the case of minor defects as to completeness, the applicant will be required to supply the missing information. Applications that are not substantially complete will be returned to the applicant. In the case of non-reserved band FM applications, those found to be substantially complete at tender are accepted for tender and are given file numbers. Non-reserved band FM applications that are not substantially complete will be returned to the applicant. In the case of low power TV and TV translator applications, those found to be complete and sufficient are accepted for filing and are given file numbers. Low power TV and TV translator applications that are not complete and sufficient will be returned to the applicant.

(d) New and major change applications for non-reserved band FM stations (except for Class D stations) and for low power TV and TV translator stations will be accepted only on date(s) specified by the Commission. Low power TV and TV translator station filing period(s) will be designated by the Commission in a Public Notice. No more than five (5) applications for new low power TV or TV translator stations may be tendered for filing by any applicant, or by any individual or entity having an interest of one (1) percent or greater in any applicant(s) in a single filing period. This restriction does not apply to applications for major or minor changes in low power TV or TV translator stations as defined by Section 73.3572. Non-reserved band FM facilities and major change applications will have filing dates designated by the Commission in the following manner:

3. Section 73.3572 is amended by revising paragraph (a) to read as follows:

Section 73.3572 Processing of TV broadcast, low power TV, and TV translator station applications.

(a) Applications for TV stations are divided into two groups:

(1) In the first group are applications for new stations or major changes in the facilities of authorized stations. A major change for TV broadcast stations authorized under this part is any change in frequency or community of license which is in accord with a present allotment contained in the Table of Allotments (Section 73.606). Other requests for change in frequency or community of license for TV broadcast stations must first be submitted in the form of a petition for rule making to amend the Table of Allotments. In the case of low power TV and TV translator stations authorized under Part 74 of this chapter, a major change is any change in:

- (i) Frequency (output channel) assignment;
- (ii) Transmitting antenna system including the direction of the radiation, directive antenna pattern or transmission line;
- (iii) Antenna height;
- (iv) Antenna location exceeding 200 meters; or
- (v) Authorized operating power.

However, if the proposed modification of facilities, other than a change in frequency, will not increase the signal range of the low power TV or TV translator station in any horizontal direction, the modification will not be considered a major change. Provided, that in the case of an authorized low power TV or TV translator station which is predicted to cause or receive interference to or from an authorized TV broadcast station pursuant to Section 74.705 or interferes with broadcast or other services under Sections 74.703 or 74.709, that an application for a change in output channel, together with technical modifications which are necessary to avoid interference (including a change in antenna location of less than 16.1 km), will not be considered as an application for a major change in those facilities. Provided further, that the FCC may, within 15 days after the acceptance of any other application for modification of facilities, advise the applicant that such application is considered to be one for a major change and therefore subject to the provisions of Sections 73.3580 and 1.1111 pertaining to major changes.

* * * * *

4. Section 73.3584 is amended by revising paragraphs (a), (b), and (c) to read as follows:

Section 73.3584 Petitions to deny.

(a) Except in the case of applications for new low power TV or TV translator stations, for major changes in the existing facilities of such stations, or for applications for a change in output channel tendered by displaced low power TV and TV translator stations pursuant to Section 73.3572(a)(1), any party in interest may file with the Commission a Petition to Deny any application (whether as originally filed or if amended so as to require a new file number pursuant to Sections 73.3571(j), 73.3572(b), 73.3573(b), 73.3574(b) or 73.3578) for which local notice pursuant to Section 73.3580 is required, provided such petitions are filed prior to the day such applications are granted or designated for hearing; but where the FCC issues a public notice pursuant to the provisions of Sec-

tions 73.3571(c), 73.3572(c) or Section 73.3573(d), establishing a "cut-off" date, such petitions must be filed by the date specified. In the case of applications for transfers and assignments of construction permits or station licenses, Petitions to Deny must be filed not later than 30 days after issuance of a public notice of the acceptance for filing of the applications. In the case of applications for renewal of license, Petitions to Deny may be filed at any time up to the last day for filing mutually exclusive applications under Section 73.3516(e). Requests for extension of time to file Petitions to Deny applications for new broadcast stations or major changes in the facilities of existing stations or applications for renewal of license will not be granted unless all parties concerned, including the applicant, consent to such requests, or unless a compelling showing can be made that unusual circumstances make the filing of a timely petition impossible and the granting of an extension warranted.

(b) Except in the case of applications for new low power TV or TV translator stations, for major changes in the existing facilities of such stations, or for applications for a change in output channel tendered by displaced low power TV or TV translator stations pursuant to Section 73.3572(a)(1), the applicant may file an opposition to any Petition to Deny, and the petitioner a reply to such opposition in which allegations of fact or denials thereof shall be supported by affidavit of a person or persons with personal knowledge thereof. The times for filing such oppositions and replies shall be those provided in Section 1.45 except that as to a Petition to Deny an application for renewal of license, an opposition thereto may be filed within 30 days after the Petition to Deny is filed, and the party that filed the Petition to Deny may reply to the opposition within 20 days after opposition is filed, whichever is longer. The failure to file an opposition or a reply will not necessarily be construed as an admission of any fact or argument contained in a pleading.

(c) In the case of applications for new low power TV or TV translator stations, for major changes in the existing facilities of such stations, or for applications for a change in output channel tendered by displaced low power TV and TV translator stations pursuant to Section 73.3572(a)(1), any party in interest may file with the FCC a Petition to Deny any application (whether as originally filed or if amended so as to require a new file number pursuant to Section 73.3572(b)) for which local notice pursuant to Section 73.3580 is required, provided such petitions are filed within 30 days of the FCC Public Notice proposing the application for grant (applicants may file oppositions within 15 days after the Petition to Deny is filed); but where the FCC selects a tentative permittee pursuant to Section 1.1601 *et seq.*, Petitions to Deny shall be accepted only if directed against the tentative selectee and filed after issuance of and within 15 days of FCC Public Notice announcing the tentative selectee. The applicant may file an opposition within 15 days after the Petition to Deny is filed. In cases in which the minimum diversity preference provided for in Section 1.1623(f)(1) has been applied, an "objection to diversity claim," and opposition thereto, may be filed against any applicant receiving a diversity preference, within the same time period provided herein for Petitions and Oppositions. In all pleadings, allegations of fact or denials thereof shall be supported by appropriate certification. However, the FCC may announce, by the Public Notice announcing the acceptance of the last-filed mutually exclusive application,

that a notice of Petition to Deny will be required to be filed no later than 30 days after issuance of the Public Notice.

* * * * *

5. Section 74.701 is amended by revising paragraph (h) to read as follows:

Section 74.701 Definitions.

* * * * *

(h) *Local origination.* Program origination if the parameters of the program source signal, as it reaches the transmitter site, are under the control of the low power TV station licensee. Transmission of TV program signals generated at the transmitter site constitutes local origination. Local origination also includes transmission of programs reaching the transmitter site via TV STL stations, but does not include transmission of signals obtained from either terrestrial or satellite microwave feeds or low power TV stations.

* * * * *

6. Section 74.702 is amended by revising paragraph (b) to read as follows:

Section 74.702 Channel assignments.

* * * * *

(b) Changes in the TV Table of Allotments (Section 73.606(b) of Part 73 of this chapter), authorizations to construct new TV broadcast stations or to change facilities of existing ones, may be made without regard to existing or proposed low power TV or TV translator stations. Where such a change results in a low power TV or TV translator station causing actual interference to reception of the TV broadcast station, the licensee or permittee of the low power TV or TV translator station shall eliminate the interference or file an application for a change in channel assignment pursuant to Section 73.3572 of Part 73 of this chapter.

7. Section 74.732 is amended by revising paragraph (d) to read as follows:

Section 74.732 Eligibility and licensing requirements.

* * * * *

(d) The FCC will not act on applications for new low power TV or TV translator stations, for changes in facilities of existing stations, or for changes in output channel tendered by displaced stations pursuant to Section 73.3572(a)(1), when such changes will result in a major change until the applicable time for filing a petition to deny has passed pursuant to Section 73.3584(c).

* * * * *

8. Section 74.735 is amended by removing paragraph (c)(4) and redesignating paragraphs (c)(5) and (c)(6) as (c)(4) and (c)(5).

9. Section 74.763 is amended by revising paragraph (b) to read as follows:

Section 74.763 Time of operation.

* * * * *

(b) In the event that causes beyond the control of the low power TV or TV translator station licensee make it impossible to continue operating, the station may discontinue operation for a period of not more than 30 days without further authority from the FCC. Notification must be sent to the FCC in Washington, D.C. not later than the 10th day of discontinued operation. During such period, the licensee shall continue to adhere to the requirements in the station license pertaining to the lighting of antenna structures. In the event normal operation is restored prior to the expiration of the 30 days period, the licensee will so notify the FCC of this date in writing. If the causes beyond the control of the licensee make it impossible to comply within the allowed period, informal written request shall be made to the FCC no later than the 30th day for such additional time as may be deemed necessary.

* * * * *

10. Section 74.765 is amended by revising paragraph (b) to read as follows:

Section 74.765 Posting of station and operator licenses.

* * * * *

(b) The licenses or permits of operators employed at low power TV stations locally originating programs (as defined by Section 74.701(h)) shall be posted in accordance with the provisions of Section 73.1230(b).

* * * * *

11. Section 74.780 is revised to read as follows:

Section 74.780 Broadcast regulations applicable to low power TV and TV translator stations.

The following rules are applicable to low power TV stations and TV translator stations:

Section 73.653 - Operation of TV aural and visual transmitters.

Section 73.658 - Affiliation agreements and network program practices; territorial exclusivity in non-network program arrangements.

Part 73, Subpart G - Emergency Broadcast System (for low power TV stations locally originating programming as defined by Section 74.701(h)).

Section 73.1201 - Station identification (for low power TV stations locally originating programming as defined by Section 74.701(h)).

Section 73.1205 - Fraudulent billing practices.

Section 73.1206 - Broadcast of telephone conversations.

Section 73.1207 - Rebroadcasts.

Section 73.1208 - Broadcast of taped, filmed or recorded material.

Section 73.1211 - Broadcast of lottery information.

Section 73.1212 - Sponsorship identifications: list retention, related requirements.

Section 73.1216 - Licensee conducted contests.

Section 73.1510 - Experimental authorizations.

Section 73.1515 - Special field test authorizations.

Section 73.1615 - Operation during modifications of facilities.

Section 73.1635 - Special temporary authorizations (STA).

Section 73.1650 - International broadcasting agreements.

Section 73.1680 - Emergency antennas.

Section 73.1940 - Broadcasts by candidates for public office.

Section 73.2080 - Equal employment opportunities (for low power TV stations only).

Section 73.3500 - Application and report forms.

Section 73.3511 - Applications required.

Section 73.3512 - Where to file; number of copies.

Section 73.3513 - Signing of applications.

Section 73.3514 - Content of applications.

Section 73.3516 - Specification of facilities.

Section 73.3517 - Contingent applications.

Section 73.3518 - Inconsistent or conflicting applications.

Section 73.3519 - Repetitious applications.

Section 73.3521 - Mutually exclusive applications for low power TV and TV translator stations.

Section 73.3522 - Amendment of applications.

Section 73.3525(a), (b), (d), (f), (h) and (i) - Agreements for removing application conflicts.

Section 73.3533 - Application for construction permit or modification of construction permit.

Section 73.3534 - Application for extension of construction permit or for construction permit to replace expired construction permit.

Section 73.3536 - Application for license to cover construction permit.

Section 73.3538(a)(1)(3)(4), (b) (2) - Application to make changes in existing station.

Section 73.3539 - Application for renewal of license.

Section 73.3540 - Application for voluntary assignment of transfer of control.

Section 73.3541 - Application for involuntary assignment or transfer of control.

Section 73.3542 - Application for emergency authorization.

Section 73.3544 - Application to obtain a modified station license.

Section 73.3545 - Application for permit to deliver programs to foreign stations.

Section 73.3561 - Staff consideration of applications requiring Commission action.

Section 73.3562 - Staff consideration of applications not requiring action by the Commission.

Section 73.3564 - Acceptance of applications.

Section 73.3566 - Defective applications.

Section 73.3568 - Dismissal of applications.

Section 73.3572 - Processing of TV broadcast, low power TV, and TV translator station applications.

Section 73.3580 - Local public notice of filing of broadcast applications.

Section 73.3584 - Petitions to deny.

Section 73.3587 - Informal objections.

Section 73.3591 - Grants without hearing.

Section 73.3593 - Designation for hearing.

Section 73.3594 - Local public notice of designation for hearing.

Section 73.3597 - Procedures on transfer and assignment applications.

Section 73.3598 - Period of construction.

Section 73.3599 - Forfeiture of construction permit.

Section 73.3601 - Simultaneous modification and renewal of license.

Section 73.3603 - Special waiver procedure relative to applications.

Section 73.3612 - Annual employment report (for low power TV stations only).

Section 73.3613 - Filing of contracts (network affiliation contracts for low power TV stations only).

12. Section 74.783 is amended by revising paragraphs (a) and (c) to read as follows:

Section 74.783 Station identification.

(a) Each low power TV and TV translator station not originating local programming as defined by Section 74.701(h) operating over 0.001 kw peak visual power (0.002 kw when using circularly polarized antennas) must transmit its station identification as follows:

* * * * *

(c) A low power TV station shall comply with the station identification procedures given in Section 73.1201 when locally originating programming, as defined by Section 74.701(h). The identification procedures given in paragraphs (a) and (b) are to be used at all other times.

* * * * *

APPENDIX B

Comments

1. Access
2. The Association of Maximum Service Telecasters, Inc.
3. The Board of County Commissioners of Monroe County, Florida
4. Bogner Broadcasting Equipment Corporation
5. CBS, Inc.
6. CBS Television Network Affiliates Association
7. Chambers Communications Corp.
8. Channel 6, Inc.
9. Chronicle Broadcasting of Wichita, Inc.
10. Colby-Bates-Bowdoin Educational Telecasting Corp.

11. Community Television of Southern California
12. The Connecticut Educational Telecommunications Corp. *et al.*
13. Sandra A. Engle
14. D. J. Everett, III
15. Freedom Communications, Inc.
16. The Frontier Broadcasting Companies
17. Georgia Public Telecommunications Communication
18. Holston Valley Broadcasting Corporation
19. Howard LP Television, Inc.
20. Hubbard Broadcasting, Inc.
21. Impact Television Group, Inc.
22. International Broadcasting Network
23. International Television Broadcasting, Inc.
24. Jeremy Lansman
25. May Broadcasting Company
26. Metro-Access, Inc.
27. The National Association of Broadcasters
28. The National Broadcasting Company, Inc.
29. The National Translator Association
30. Neighborhood TV Company, Inc.
31. Park Communications, Inc.
32. Richard Payne
33. David Post
34. Pulitzer Broadcasting Company
35. Terri Richardson
36. The Riverton Fremont TV Club, Inc.
37. The Rocky Mountain Corporation for Public Broadcasting
38. Santa Clara County Board of Education
39. Satech Associates
40. Shamrock Broadcasting Company, Inc.
41. Spanish International Communications Corp. *et al.*
42. Spartan Radiocasting Company
43. Francis J. Tafelski
44. TRA, Inc.
45. TV 43
46. The University of North Carolina
47. WCI, Inc.
48. WPIX, Inc.

Reply Comments

1. Access
2. The Association of Maximum Service Telecasters, Inc.
3. Bogner Broadcast Equipment Corporation
4. May Broadcasting Company
5. Metro-Access
6. National Association of Public Television Stations
7. David Post
8. Reel Broadcasting, Inc.
9. Shamrock Broadcasting Company, Inc.
10. Spanish International Communications Corp. *et al.*
11. Spartan Radiocasting Company
12. Viacom Broadcasting, Inc.
13. WPIX, Inc.

APPENDIX C

Final Regulatory Flexibility Analysis

I. Reason for action.

Large application backlogs effectively foreclosed the filing of any new low power television or television translator applications, or applications for major changes in authorized facilities, since March 1984. Therefore, we sought to modify our application acceptance and processing procedures to better control the flow of applications. Moreover, the secondary spectrum status of low power television and television translator stations, coupled with the increase in authorized full service television stations and land mobile radio services and the great number of pending low power television and television translator applications, created a situation in which a low power television or television translator station displaced from its output channel is frequently forced to compete for a new channel. Consequently, we sought to provide stations in this service with a means to operate on a new channel without facing competing applications. This would assist in preserving an overall level of television service to the public.

II. Summary of issues raised by public comments in response to the initial regulatory flexibility analysis, Commission assessment, and changes made as a result thereof.

No comments were filed in response to the initial regulatory flexibility analysis.

III. Significant alternatives considered and rejected.

We have considered all the alternatives presented in the *Notice* and those presented by the record in this proceeding. After full consideration of all the issues raised in this proceeding, we have adopted the most reasonable rules in light of the facts and issues presented.

FOOTNOTES

¹ *Notice of Proposed Rule Making in MM Docket No. 86 - 286*, 104 FCC 2d 1368 (1986), summarized, 51 Fed. Reg. 25586 (July 15, 1986).

² This information will be elicited through the following questions:

(a) If the applicant is an *individual*, submit as Exhibit the applicant's name, address, home and business telephone number (including area code) and the applicant's individual interest.

If the applicant is a *partnership*, whether general or limited, submit as Exhibit the name, address, home and business telephone number (including area code) of all general or limited partners (including silent partners), and the nature and percentage of the ownership interest of each partner.

If the applicant is a *corporation* or an *unincorporated association*, submit as Exhibit the names, addresses, home and business telephone numbers (including area codes) of all officers, directors, and other members of the governing board of the corporation or association and the nature and the percentage of their ownership interests in the applicant (including stockholders with interests of 1% or greater).

(b) Submit as Exhibit a list of all other applications filed during the same window period as this application in which the applicant or any principal of the applicant has any interest, and detail the percentage of that interest for each listed application.

These questions have been approved by the Office of Management and Budget.

³ Suggestions for a cap during a national window included: Rocky Mountain Corporation for Public Broadcasting--2; NAB--5; NTA--5; Connecticut Educational Telecommunications Commission--4 or 5.

⁴ Santa Clara County Board of Education--12; University of North Carolina--12; Impact Television Group, Inc.--20; TRA Associates, Inc.--12.

⁵ For these purposes, an application will be considered as "pending" in accordance with the definition of that term found in Section 73.3525(h) of the Rules, which states in pertinent part:

[A]n application shall be deemed to be "pending" . . . from the time an application is filed with the FCC until an order of the FCC granting or denying it is no longer subject to reconsideration by the FCC or to review by any court.

⁶ This includes those television translator stations licensed to operate on Channels 70 through 83. These licensees, due to the reallocation of their output channels to the land mobile radio service, are in effect already "displaced" from their output channels. Therefore, they may apply at any time for a lower channel, regardless of present interference with land mobile radio operations.

⁷ See generally *Salzer v. FCC*, 778 F.2d 869 (D.C. Cir. 1985) (affirming Commission's adoption of "letter perfect" application acceptance standard for the low power television service).

⁸ Any change in antenna type or configuration, or in transmitter output power, which results in the extension of the station's protected signal contour in any horizontal direction on the same channel is, and remains, a major change in facilities under Section 73.3572(a) of the Rules.

⁹ No commenter supported the third alternative, modification under the public interest standard of Section 309(a) of the Act.

¹⁰ Generally, under the interference rules in this service, interference to or from other authorized or proposed television stations can be predicted on the first, second, third, fourth and fifth adjacent channels above or below the channel in question, and on the seventh channel above and the fourteenth and fifteenth channels below the channel in question. See generally Sections 74.705 and 74.707 of the Rules.

¹¹ The 10 mile limit will be converted to 16.1 kilometers in Section 73.3572 to conform with the use of metric measurement in our Rules.

¹² *LPTV Report and Order*, supra, 51 RR 2d at 485.

¹³ *Id.* at 506.

¹⁴ We have previously considered and rejected processing priorities for television translator applicants, as well as attempts to prioritize applications by the kind of programming service proposed. See *Report and Order in MM Docket No. 83-1350*, supra, 102 FCC 2d at 301-08; *Reconsideration of LPTV Report and Order*, supra, 53 RR 2d at 1277; *LPTV Report and Order*, supra, 51 RR 2d at 484-85.

NOTICE OF SELECTION BY LOTTERY

MUTUALLY EXCLUSIVE CASES INVOLVING
LOW POWER TELEVISION AND TELEVISION
TRANSLATOR APPLICATIONS

Report No: TS-37

Released: February 5, 1987

Notice is hereby given of the results of the January 30, 1987, public lotteries to determine the award of construction permits for low power television or television translator stations in the mutually exclusive cases listed below. The application listed with each case is the tentative selectee for the construction permit grant. Petitions to deny the selectee must be on file with the Commission not later than 15 days from the release date of this public notice. Pursuant to Section 73.3584(c) of the Commission's Rules, the selectee may file an opposition within 15 days of the filing of the petition.

Absent the filing of petitions to deny and upon determining that the selectees are otherwise qualified, grant of construction permits to the selectees listed below will be made upon completion of processing.

<u>FILE NO.</u>	<u>APPLICANT NAME/CITY OF LICENSE</u>	
L87-850 BPTTL-840308VC	Arnold Salazar/Cortez, CO Channel 28	735 1ST STREET ALAMOSA CO 81101 REQ:CHAN. 28; ERP 1.00KW
L87-999 BPTTL-820616SH	American Translator Development, Inc. Florence, AL/Channel 66	507 TRINITY STREET AUSTIN TX 78701 REQ:CHAN. 66; ERP 1.29KW
L87-1238 BPTTL-AA0305WT	Marcia L. Crittenden/Las Vegas, NV Channel 50	5020 N. 83RD STREET SCOTTSDALE AZ 85253 REQ:CHAN. 50; ERP 13.1KW
L87-1239 BPTTL-830325C2	Black Media Associates/Dubuque, IA Channel 64	2102-A GALLOWS ROAD VIENNA VA 22180 REQ:CHAN. 64; ERP 10.9KW
L87-1345 BPTTL-840307PI	K Sandoval Burke/Kerrville, TX Channel 20	P.O. BOX 2295 BOULDER CO 80306 REQ:CHAN. 20; ERP 19.2KW
L87-1346 BPTTL-810331IL	Island Television Corporation Reno, NV/Channel 33	1132 CORTEZ BURLINGAME CA 94010 REQ:CHAN. 33; ERP .18 KW
L87-1354 BPTTL-HL0308PL	Evarista Romero/Perry FL Channel 21	152 WOODFORD SAN BENITO TX 78586 REQ:CHAN. 21; ERP 2.17KW
L87-1411 BPTTL-810311IN	National Black Media Coalition San Antonio, TX/Channel 14	38 NEWYORK AVENUE,N.E. WASHINGTON DC 20002 REQ:CHAN. 14; ERP 7.29KW
L87-1412 BPTTL-HC0308PQ	Barbara Dilley/Greenville, SC Channel 45	2910 17TH STREET BOULDER CO 80302 REQ:CHAN. 45; ERP 21.0KW
L87-1413 BPTTL-HI0308RM	Evangelina Garcia Garza/Charleston, WV Channel 59	BOX 3206 LA FERIA TX 78559 REQ:CHAN. 59; ERP 1.42KW
L87-1441 BPTTL-810324JI	Minority Communications, Inc. West Chicago, IL/Channel 29	606 SILVERSHORE DRIVE PENSACOLA FL 32507 REQ:CHAN. 29; ERP 1 KW
L87-1442 BPTTL-HM0308VL	Media Properties/Flint, MI Channel 52	9604 TALLAHASSEE LANE KNOXVILLE TN 37923 REQ:CHAN. 52; ERP .652KW
L87-1443 BPTTL-810331P9	Central California Broadcasters, Inc. Las Cruces, NM/Channel 66	1901 AVE.OF THE STARS STE.560,CENTURY CITY CA 90067 REQ:CHAN. 66; ERP 4.10KW

L87-1401 BPTTL-810318JK	Community Service Television Company Ft. Lauderdale, FL/Channel 25	P.O. BOX 310 SAN BERNARDINO CA 92402 REQ:CHAN. 25; ERP 1.5 KW
L87-1462 BPTTL-830311W4	Mountain TV Network, Inc./Page, NE Channel 23	P.O. BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 23; ERP .887KW
L87-1463 BPTVL-GB0308NV	O.L. Turner/Union City, TN Channel 33	ROUTE 45 SOUTH HARRISBURG IL 62946 REQ:CHAN. 33; ERP 32.8KW
L87-1464 BPTVL-820723TT	Television Unlimited/Myrtle Beach, SC Channel 11	BUREM ROAD ROGERSVILLE TN 37857 REQ:CHAN. 11; ERP .259KW
L87-1466 BPTTL-AK0305UK	Mrs. Judith Ann Acevedo/Tallahassee, FL Channel 61	611 YOAKUM ST. SAN BENITO TX 78586 REQ:CHAN. 61; ERP 14.9KW
L87-1467 BPTTL-840307UM	K. Sandoval Burke/Haughton, LA Channel 61	P.O. BOX 2295 BOULDER CO 80306 REQ:CHAN. 61; ERP 40.2KW
L87-1468 BPTVL-840301ND	Brooks Broadcasting, Inc./Panama City, FL Channel 9	2606 SLOW TURTLE COVE AUSTIN TX 78746 REQ:CHAN. 09; ERP .346KW
L87-1469 BPTTL-GT0308MO	M & M Communications, INC./Savannah, GA Channel 34	606 SILVER SHORE DR. PENSACOLA FL 32507 REQ:CHAN. 34; ERP 5.63KW
L87-1474 BPTTL-810121IR	Mar-Kap Broadcasting D/B/A/Waukegan, IL Channel 22	3100 N. LAKE SHORE DR. CHICAGO IL 60657 REQ:CHAN. 22; ERP .462KW
L87-1480 BPTTL-AB0305VA	Classic Video Systems/Nashville, TN Channel 58	P.O. BOX 4842 SCOTTSDALE AZ 85261 REQ:CHAN. 58; ERP 1.35KW
L87-1485 BPTTL-GK0308NF	Debra M. Kamp/Midland, TX Albany, NY Channel 55	1204 WEST 4TH STREET EUGENE OR 97402 REQ:CHAN. 55; ERP 2.46KW
L87-1490 BPTTL-EJ0307PK	The Messenger Publishing Company/ Athens, OH/Channel 50	RT.33 & N & JOHNSON RD ATHENS OH 45701 REQ:CHAN. 50; ERP 17.2KW
L87-1491 BPTTL-8303143P	Mountain T.V. Network, Inc./Kemmerer, WY Channel 18	BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 18; ERP .871KW
L87-1492 BPTTL-HH0308QS	Ogden Cable Corporation/Jamestown, NY Channel 43	1500 MAIN STREET WHEELING WV 26003 REQ:CHAN. 43; ERP 8.47KW
L87-1493 BPTTL-830620IF	Donley County UHF TV Inc./Clarendon, TX Channel 51	BOX 853 CLARENDON TX 79226 REQ:CHAN. 51; ERP 1.01KW
L87-1494 BPTTL-GA0308SI	Community Broadcasting Corp., Inc/ Marietta, OH/Channel 67	1150 17TH ST NW #300 WASHINGTON DC 20036 REQ:CHAN. 67; ERP 7.7 KW
L87-1495 BPTTL-HA0308UX	Mark L. Wodlinger/Kansas City, MO Channel 68	4350 JOHNSON DRIVE SHAWNEE MISSION KS 66205 REQ:CHAN. 68; ERP 20.0KW
L87-1496 BPTTL-ENO307UU	Taos Community TV, Inc., Taos, NM Channel 33	P.O. BOX 1272 TAOS NM 87571 REQ:CHAN. 33; ERP .057KW
L87-1497 BPTTL-840307MU	Janet Roberts/Pullman, WA Channel 30	SALINA STAR ROUTE BOULDER CO 80302 REQ:CHAN. 30; ERP 15.8KW
L87-1498 BPTTL-AC0305UL	Cherokee Network/Wichita, KS Channel 42	P.O. BOX 9742 BREA CA 92622 REQ:CHAN. 42; ERP 8.97KW
L87-1499 BPTTL-830509M7	Mountain TV Network, Inc./Eagle Pass, TX Channel 44	BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 44; ERP 1.45KW

L87-1500
BPTTL-GT0308SM

Ginger A. Price/Morgan City, LA
Channel 39

P.O. BOX 2642
MORGAN CITY LA 70381
REQ:CHAN. 39; ERP 8.61KW

L87-1501
BPTTL-HQ0308VK

Elizabeth E. Terrell/Pueblo, CO
Channel 38

973 PLEASANT STREET
BOULDER CO 80302
REQ:CHAN. 38; ERP 13.0KW

L87-1503
BPTTL-GX0308UR

Jo Ann's Balloon Boutique, Inc./
Coos Bay, OR/Channel 57

3804 SEMINARY RIDGE
AUSTIN TX 78745
REQ:CHAN. 57; ERP .963KW

L87-1507
BPTTL-830309Q2

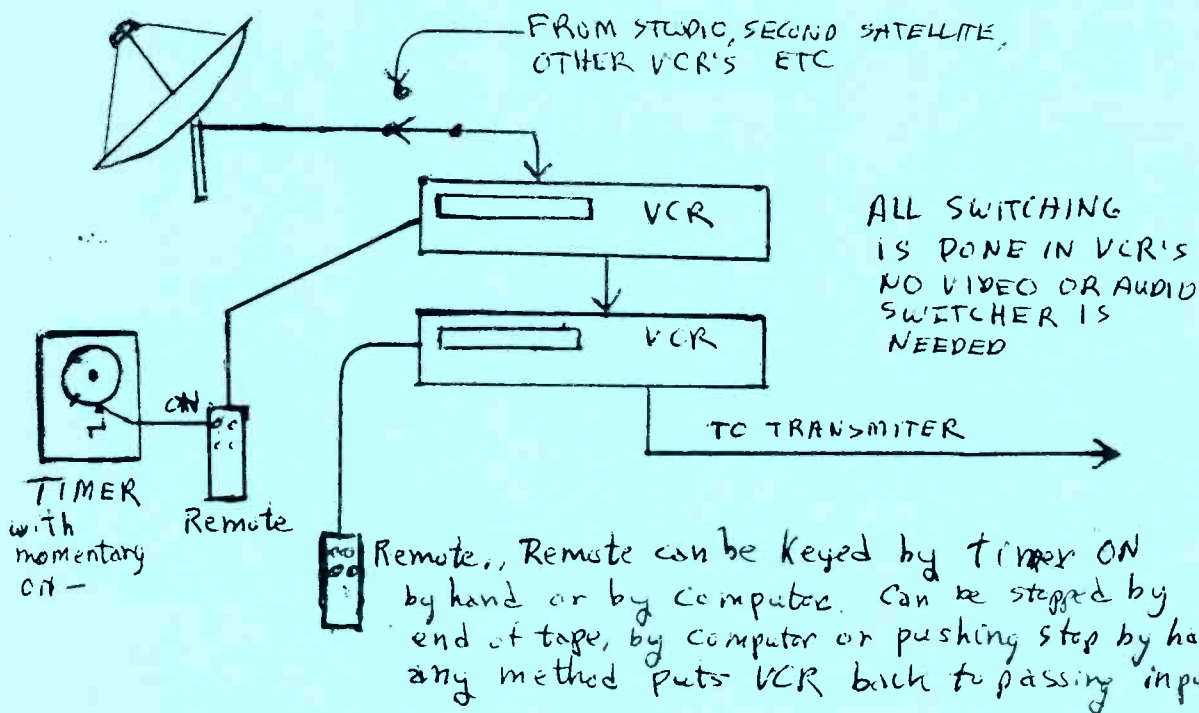
Mountain TV Network, Inc./Eagle Pass, TX
Channel 32

BOX 31
BERRYVILLE AR 72616
REQ:CHAN. 32; ERP 1.38KW

L87-1508
BPTTL-GT0308MV

Connecticut Home Theatre/Syracuse, NY
Channel 30

1024 CONEY ISLAND AVE.
BROOKLYN NY 11230
REQ:CHAN. 30; ERP 2.01KW



TO SWITCH OR NOT TO SWITCH ...

Here is a simple switching system for you to use when adding a VCR to a Low-Power television station that has only a satellite feed.

If you have a simple timer, it will switch off and back to satellite all by itself when it is finished with no additional expense, no people in attendance, and nothing else to goof up.

Let's say you want to run a half-hour local program. OK. Here's how to go about it.

Use a video tape that is 30 minutes long and be sure it has programming on it all the way to the end. If you are using movies which are public domain, for example, tape something like music videos at the tail end of the tape to have video right up to the end.

To do that, simply put a video and audio line in the VCR "In" position and take the "Outs" to your transmitter. By doing this, you can also record things off satellite the same time it is run-

ning on the air. You cannot, however, set the VCR's timer to record at a certain time in this configuration because video does not pass through when it is in the timer position. You can turn it on physically before leaving for the night and it will tape until the end of the cassette and shut down (not off) and pass video the entire time.

In other words, you can record a satellite program by turning this VCR on physically and going home.

When you want to play a tape - turn it on. The instant it gets to speed it will stop passing the satellite signal and you then transmit what's on the tape. As long as you have video on the entire tape, it will stay on until the tape runs out. It will shut down at the end of the tape and the satellite will be back on the air (passed through the VCR). What could be simpler? No other equipment to buy; nothing else to go wrong. The machine will automatically rewind.

If you have a mechanical timer, or Radio Shack electronic timer, to close the "On" button on your VCR, you can set it up to put a tape on any predetermined time and shut off this way without anything being complicated. You can set the external mechanical timer, to switch "on", and play this again at a later hour.

If you want to go home at 5 o'clock and still have a half-hour show to play at 7 p.m. and an old movie to play at 10:30 p.m., you'll need two VCRs. You'll also need two tapes with video to the end.

A timer then turns the "Play" button on at 7 p.m., which runs until 7:30 (if you used a tape which is only 30 minutes long), and the other one closes the "Play" button at 10:30 and runs until the end of the tape. It then switches back to pass the satellite video after the tape ends. Some machines cut the audio level of your feed on pass thru so input needs to be cranked up to equal the level you get when playing tapes in the same machine.

Simple enough?

COMMERCIALS

HANDY HINTS FOR AIRING

Here's how to run one-minute (or even 30-second) commercials with nothing more than a timer.

[1] Lay down black on a 10-minute tape.

[2] Take the cartridge apart and discard nine minutes, or whatever portion of the tape you do not want. Splice carefully and do not touch the tape with your fingers.

[3] Tape your commercial, promo, or whatever it is you're recording.

[4] Hook up the VCR line to the transmitter in line to transmitter out.

[5] Correct timer and relay to close "on" button on your VCR remote control.

Here's what happens. We use a 30-minute timer. It closes circuit on our remote control "on" for 15 seconds once every 30 minutes.

We put an off-on switch and a relay, both to open circuit, the remote "on" button which is turned on every half hour by the timer. Our computer controls the relay - opening the "on" button circuit anytime we don't want something interrupted or some of the breaks cancelled when there is no one around to change tapes. Besides, viewers will probably also get tired of seeing the same spot every 30 minutes for 10-to-12 hours.

By having several of these tapes available with P.L., you can change tapes at your convenience without having to watch for times.

We run station breaks during the hour and half-hour intervals. The manual switch allows for cancelling the automatic run without disturbing the timer itself.

Be sure you try a machine with video first. While it's playing push "Stop." It should switch to the "In" video so quickly and neatly that you may not even be sure it switched. Some machines, such as Goldstar, go to snow before they go back to Video "In." Other machines, such as Panasonic and General Electric, usually switch very quickly.

Incidentally, we use this machine all the time with the hand-operated remote, or with the timer, which closes contacts in two wires running out from the remote cable "On" switch. We mounted our VCR on a rack and like it so well that we may use several machines in series.

CORRECTION -

We've mentioned that you need video monitors with "loop through" videos.

We also mentioned that the TMK (K-Mart and others) color set for \$179 has video in and video out. The TMK models now, however, are not "loop through." The video "In" shows on the monitor, and if it is in the regular TV set mode, puts the video out from off the air while coming out of the outputs. This makes it an inexpensive demodulator which gives you video from off the air for transmitter test purposes, etc.

K-Mart has been selling a good little Emerson television set with the same configuration, and a picture which is two inches bigger, for only \$20 more. It does not have a good carrying handle, but does have a better picture.

The Commission is currently dismissing all expired CP's not built and is throwing out numbers of applications which they now say do not interfere with something on cut-off or the cut-off channel was withdrawn.

Look for June as best guess on window for filing, promised '86 skipped to Spring '87. Also, remember \$370 filing fee, for each application which goes into effect (by law) April 5th.

The March issue will have an article on the new Digital (under \$5,000) switcher and will have one tested by then. We are supposed to get one of the first ones delivered flown directly from Japan. Company already has large number of back orders.

The Sierra Two Satellite receiver is a big development for LPTV because it allows you to totally automate your LPTV station even with several different satellite services and not have to have an elaborate satellite receiver system of many dishes etc.

60% IN CITY

40% out of City
NOT ON CABLE

← TOTAL POPULATION COVERED BY STATION AND SCHEDULE PUB →

50% of City on Cable System	NOT ON CABLE BUT IN CITY
--------------------------------	-----------------------------

30% of TOTAL VIEWERS (READERS) ON CABLE	70% of TOTAL NOT ON CABLE IN CITY BUT NOT ON CABLE OUT OF CITY AND NOT ON CABLE
--	--

1 out of 3 Cable subscribers
have another set (or more)
10% NOT on Cable

Therefore = 75% of TV Sets not on Cable.....
OFF THE AIR
3 NETWORK STATIONS PLUS INDEPENDANT KT

25% SET COUNT
CONNECTED TO
CABLE

← CHANNELS VIEWED HERE - K-JAY IS ONE OF 4 →

EACH CHANNEL CHOICE
ONE OF 35

ADVERTISE ON K-JAY AND YOU ARE
ONE SHOT OUT OF 4, OF VIEWERS
TUNED TO YOUR CHANNELS AD

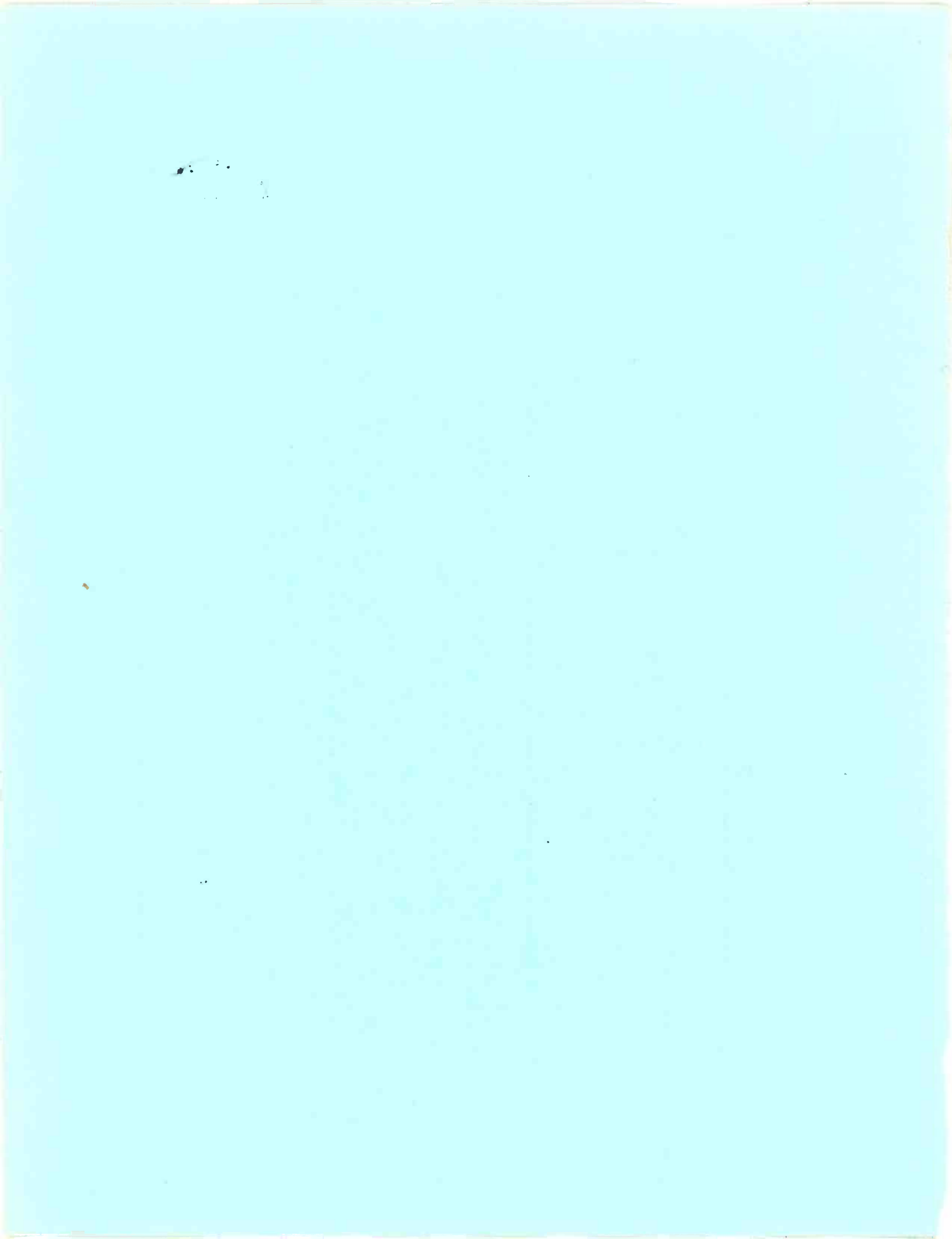
CABLE CONNECTION
DOES NOT KEEP SETS
FROM RECEIVING K-JAY

← ONE OUT OF 10 CABLE OWNERS
SETS ALSO HAVE ANTENNA LOOP
CONNECTED TO UHF TERMINALS ALREADY

Do a jazzed up version of this short and you can use it to show potential advertisers and the TV schedule publication that your channel is far more significant and has a chance of being viewed than being one in 35, if your channel were on the cable. It shows it really doesn't matter all that much whether your channel is on the cable or not. It is still probably

viewed significantly.

The schedule publication is devoting over half their space to cable channels which only 25% of the population get and not carrying your channel that 75% can receive. Plus the 25% on the cable can also get connected by merely connecting an inexpensive UHF loop antenna at the same time the cable is connected.



Lo-Power Community TV



May 1987

The FCC window, (the time frame in which one can file an application), is still set for June 22, (unofficial). This means you can apply for anything anywhere and if nobody else files anything interfering, you will get it. If others file, that interfere, it is back to the lottery process. The window will be for five days.

You can obtain channel searches based on the present FCC data base, which, in our opinion, has not been purged of many long ago dismissed applications etc.

The accuracy never was much before either, so you have to understand there is nothing really certain in filing anything. Even the commission has cleared applications completely through the lottery and then decided they interfered with something even that late.

We can do channel searches based on the latest data base for \$60, but like everybody else - no guarantees. Applications are in the same category, only now in addition to the filing preparation cost, you have to pay the FCC a \$375 fee per application, which you do not get back if there is a coma, in the wrong place.

You can send applications in only during the window week. If you get in a day late - you are dead.

If you are going to file something, get the tower owner's permission to file. You must have his name and number etc. You need the exact, (not approximate), coordinates that some other user on that tower has used, (even if it is wrong), consistency is more important than accuracy. Exact elevation, height of tower, and what portion, (height), of tower you can use.

The entire application can be completed now, held and sent in to arrive June 22, or a day or two later.

The enclosed application blanks can be photocopied. Remember when sending them in, post mark means nothing, arriving too soon and they won't accept them, arrive one day late and they won't accept them. If you want to move a permit you have now, you must do it during the window. You can also increase the power of your CP etc. If you want us to do any applications etc let us know now. I have five LPTV's to get in by June 29 in addition.

Our cover is of new LPTV in Paducah

KY.

Current Commission and/or staff policy seems to be to try to "punish" anyone that files any quantity of applications, apparently still paranoid over how their last scheme to cut down numbers of applications by putting them all on cut off at once, blew up in their face.

Cable Systems started out (I started my first cable system in 1954) as Mom-Pop little guy operations and all kinds of hurdles were thrown in front of anyone in the CATV business by the FCC. After the Big Broadcasters took over ownership of 80% of the subscribers recently, the FCC suddenly decided - no regulations at all for cable were necessary now.

Low Power was set up originally for the little guy, but watch the following being put into practice: as they set up for the "Big Boys" again. Watch out- if you file any quantity of applications and you sign an affidavit that you have the money or access to it to build them.

If you file 5 (or more in the past), you never know if you are going to get even one, and the length of time they take to grant licenses, you might have the money today and not next year or you may figure you are going to have the money next year. If you are not the right politics or did something naughty like filing several applications, they can (and likely will) require you now to submit proof that you have money or access to build all five if you filed for five. In other words, you are not entitled to file for 5 unless you have money for 5.

All citizens should expect (and are guaranteed by the constitution) equal treatment under the law (or under the bureaucracy).

However, such is not the case. We have documented a long record here of very unequal treatment by this agency.

A school teacher who we advised not to build a permit (lousy coverage) had a person that wanted to get it on the air right away, and was willing to reimburse her \$250 she spent getting it. That transfer went in 4 months before the expiration date. They LET IT EXPIRE and THEN notified her it was not going to be transferred since she didn't transfer it 6 months before it expired. Now we have a documentation of others that the permits had completely expired for several months, the staff reinstates and transfers the permit for several thousand. A lot of this goes on because the public does not see this data. We have seen transfers go through without a hitch for \$12,000.00. It all depends on your politics and whether you say nice things about them in your magazine. Anyway, the public interest to bring more service to the public thing is no longer a factor.

Even though statistically you have to file 5 or 50 to get one permit, they are now going to exclude all the little guys with this new twist, from having the same odds the big boys have, who can show a letter of credit for 5 million.

Almost all of the little guys have already been so disillusioned by the way the whole thing has been handled, most went on to something else long ago.

Lo-Power Community Television magazine is published 12 times per year. Sample copies are \$5. subscriptions \$50 per year. Intended to supply needed information on low power television at reasonable cost.

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Send address changes to 7432 E. Diamond. Scottsdale. AZ 85257; phone (602) 945-6746.



Instructions for FCC 346
Application for Authority to Construct or Make Changes in a Low Power TV,
TV Translator, or FM Translator Station
(FCC Form 346 attached)

GENERAL INSTRUCTIONS

A. This FCC Form is to be used to apply for authority to construct a new translator or low power television broadcast station, or to make changes in the existing facilities of such station. It consists of the following Sections:

- I. GENERAL INFORMATION
- II. LEGAL QUALIFICATIONS
- III. FINANCIAL QUALIFICATIONS
- IV. PROGRAM SERVICE STATEMENT (LPTV Applicants Only)
- V. PREFERENCES
- VI. ENGINEERING DATA AND ANTENNA AND SITE INFORMATION
- VII. EQUAL EMPLOYMENT OPPORTUNITY PROGRAM (LPTV Applicants Only)
- VIII. CERTIFICATION

An applicant for a change in facilities need not file Sections, II, III, IV, VII and VIII. Section V should be filed by applicants for major changes in television translator and low power television stations.

B. Prepare and submit original and two copies of this form and all exhibits to:

The Secretary
Federal Communications Commission
Washington, D.C. 20554

C. Many references to FCC Rules (47 CFR) are made in this application form. Before filling it out, the applicant should have on hand and be familiar with current broadcast rules in:

- (1) Volume I: Parts 0 ("Commission Organization"), and 1 ("Practice and Procedure").
- (2) Volume III: Part 73 ("Radio Broadcast Services"), and Part 74 ("Experimental, Auxiliary, and Special Broadcast and other Program Distributional Services").
- (3) Part 17 ("Construction Marking and Lighting of Antenna Structures").

FCC Rules may be obtained through the Government Printing Office, Washington, D.C. 20402. Orders should be sent directly to the Government Printing Office (not through the FCC). You may telephone the Government Printing Office at (202) 783-3238.

D. Public Notice Requirement:

- (1) Section 73.3580 of the Commission's Rules requires that applicants for construction permits for new broadcast stations and major changes in existing facilities (as defined in Section 73.3572(a)(1) or 73.3573(a)(1) of the Rules) give local notice in a newspaper of general circulation in the community to which the station is licensed. This publication requirement also applies with respect to major amendments thereto as defined in Sections 73.3572(b) and 73.3573(b) of the Rules.
- (2) Completion of publication may occur within 30 days before or after tendering of the application. Compliance or intent to comply with the public notice requirement must be certified in Section VIII of this application. The information that must be contained in the notice of filing is described in Paragraph (g) of Section 73.3580 of the Rules. Proof of publication need not be filed with this application.

E. Replies to questions in this form and the applicant's statements constitute representations on which the FCC will rely in considering the application. Thus, time and care should be devoted to all replies, which should reflect accurately the applicant's responsible consideration of the questions asked. Include all information called for by this application. If any portions of the application are not applicable, so state. Defective or incomplete applications will be returned without consideration. Furthermore, inadvertently accepted applications are also subject to dismissal.

F. In accordance with Section 1.65 of the Rules, the applicant has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in the information furnished.

SECTION I INSTRUCTIONS

A. The name of the applicant stated in Section I shall be:

- (1) if a corporation, the EXACT corporate name;
- (2) if a partnership, the names of all partners, and the name under which the partnership does business;
- (3) if an association, the name of the individual(s) authorized to act on behalf of the association, and the name of the association;
- (4) if an individual applicant, the full legal name.

In all other sections of this form, the organization name alone will be sufficient for identification of the applicant.

B. In Section I use the following State abbreviations:

Alabama	AL	Kentucky	KY	Ohio	OH
Alaska	AK	Louisiana	LA	Oklahoma	OK
American Samoa	AS	Maine	ME	Oregon	OR
Arizona	AZ	Maryland	MD	Pennsylvania	PA
Arkansas	AR	Massachusetts	MA	Puerto Rico	PR
California	CA	Michigan	MI	Rhode Island	RI
Colorado	CO	Minnesota	MN	South Carolina	SC
Connecticut	CT	Mississippi	MS	South Dakota	SD
Delaware	DE	Missouri	MO	Tennessee	TN
District of Columbia	DC	Montana	MT	Texas	TX
Florida	FL	Nebraska	NE	Trust Territory of the Pacific Islands	TT
Georgia	GA	Nevada	NV	Utah	UT
Guam	GU	New Hampshire	NH	Vermont	VT
Hawaii	HI	New Jersey	NJ	Virginia	VA
Idaho	ID	New Mexico	NM	Virgin Islands	VI
Illinois	IL	New York	NY	Washington	WA
Indiana	IN	North Carolina	NC	West Virginia	WV
Iowa	IA	North Dakota	ND	Wisconsin	WI
Kansas	KS	Northern Mariana Islands	CM	Wyoming	WY

SECTION II INSTRUCTIONS

A. As used in Section II, the words "party to this application" have the following meanings:

INDIVIDUAL APPLICANT: The applicant.

PARTNERSHIP APPLICANT: All partners, including limited partners having an interest of one percent or more in profits. If any partner is a corporation or other entity, the definitions set forth below will apply.

CORPORATE APPLICANT: All officers and directors, and all persons or entities who are the beneficial or record owners or have the right to vote any capital stock, membership or ownership interests of one percent or more, or subscribers to such interests, shall be considered parties to this application. If any corporation or other legal entity owns stock in the applicant, its officers, directors and persons or entities who are the beneficial or record owners or have the right to vote capital stock, membership or ownership interests of one percent or more, or subscribers to such interests, of that entity shall also be considered parties to this application.

ANY OTHER APPLICANT: All executive officers, members of the governing board, and owners or subscribers to membership or ownership interests of one percent or more in the applicant.

B. **MULTIPLE APPLICATIONS:** Multiple applications are defined as two or more LPTV or translator applications, filed by the same applicant, or by different applicants in which any party common to both applicants is an officer, director or has an interest of one percent or more, both of which, due to overlapping contours on the same or conflicting frequencies, cannot be granted simultaneously.

- C. All applicants must comply with Section 310 of the Communications Act of 1934, as amended. Specifically, Section 310 proscribes issuance of a construction permit to an alien, the representative of an alien, a foreign government or the representative thereof, or a corporation organized under the laws of a foreign government. This proscription also applies with respect to any corporation of which any officer or director is an alien or of which more than 20% of the capital stock is owned or voted by aliens, their representatives, a foreign government or its representative, or by a corporation organized under the laws of a foreign country. This proscription could likewise apply to any corporation directly or indirectly controlled by another corporation of which (a) any officer is, (b) more than 25% of the directors are, or (c) more than 25% of the capital stock is owned and voted by aliens, their representatives, a foreign government or its representative. The Commission may also deny a construction permit to a corporation controlled by another corporation organized under the laws of a foreign country.
- D. The applicant must determine the citizenship of each officer and director. It must also determine the citizenship of each shareholder or else explain how it determined the relevant percentages. For large corporations, a sample survey using a recognized statistical method is acceptable for this purpose.

SECTION III INSTRUCTIONS

- A. All applicants filing Form 346 must be financially qualified to effectuate their proposals. Certain applicants (i.e., for a new station, to reactivate a silent station, or if specifically requested by the Commission) must demonstrate their financial qualifications by filing Section III. DO NOT SUBMIT Section III if the application is for changes in operating or authorized facilities.
- B. An applicant for a new station must attest it has sufficient net liquid assets on hand, or committed sources of funds to construct the proposed facility and operate for three months, without revenue. As used in Section III, "net liquid assets" means the lesser amount of the net current assets or of the liquid assets shown on a party's balance sheet, with net current assets being the excess of current assets over current liabilities.
- C. Documentation supporting the attestation of financial qualification need not be submitted with this application but must be available to the Commission upon request. The Commission encourages that all financial statements used in the preparation of this application be prepared in accordance with generally accepted accounting principles.
- D. It is Commission policy not to grant extension of time for construction on the basis of financial inability or unwillingness to construct.

SECTION VII INSTRUCTIONS

- A. Applicants seeking authority to construct a new low power television (LPTV) broadcast station, applicants seeking authority to obtain assignment of the construction permit or license of such a station, and applicants seeking authority to acquire control of an entity holding such construction permit or license are required to afford equal employment opportunity to all qualified persons and to refrain from discriminating in employment and related benefits on the basis of race, color, religion, national origin or sex. See Section 73.2080 of the Commission's Rules. Pursuant to these requirements, an applicant who proposes to employ five or more full-time station employees must establish a program designed to assure equal employment opportunity for women and minority groups (that is, Blacks not of Hispanic origin, Asian or Pacific Islanders, American Indians or Alaskan Natives, and Hispanics). This is submitted to the Commission as the Model EEO Program Form. If minority group representation in the available labor force is less than five percent (in the aggregate), a program for minority group members is not required. However, a program must be filed for women since they comprise a significant percentage of virtually all area labor forces. If an applicant proposes to employ less than five full-time employees, no EEO program for women or minorities need be filed.
- B. Guidelines for developing an Equal Employment Opportunity program are set forth as a separate Model EEO Program.

Note: This five-point Model EEO Program Form is to be utilized only by applicants for new construction permits, assignees and transferees.

COMMISSION USE ONLY
File No.

**APPLICATION FOR AUTHORITY TO CONSTRUCT OR MAKE CHANGES
IN A LOW POWER TV, TV TRANSLATOR OR FM TRANSLATOR STATION**
(Carefully read instructions before filling out form—RETURN ONLY FORM TO FCC)

Section 1 GENERAL INFORMATION

1. Name of Applicant

Street Address _____ City _____

State _____ ZIP Code _____ Telephone No. (include area code) _____

2. This application is for: (check one box)

- FM Translator Low Power Television Low Power TV-Subscription TV (FCC approved technical system) TV Translator

(a) Channel No. _____ (b) Community of License _____ City _____ State _____

(c) Check the appropriate boxes below:

(1) New Station *(2) Modification of Construction Permit (CP)
(Check this box only if CP is not covered by an operating license) CP File No. _____

(3) Change in licensed facilities (check Major or Minor)
Major Minor Call Letters _____
Application Reference No. _____

** (4) Amendment of pending applications
Note: If the proposed change is "minor" pursuant to Section 73.3572 of the Commission's Rules attach plots, comparing the existing and proposed protected signal contours as Exhibit No. _____.
**For amendments to a previously filed application, submit only Section I and those portions of the form that contain the amended information.

3. (a) Is this application mutually exclusive with a renewal application? Yes No
(b) To the applicant's knowledge, is this application mutually exclusive with another application(s)? Yes No
If the answer to question 3(a) or 3(b) is Yes, state the following information.

Call letters or File No. _____ Community of License _____ State _____
City _____
(a) _____
(b) _____

GENERAL INFORMATION

YES NO

4. (a) Is translator applicant the licensee of primary station?

(b) If answer to 4(a) is No, has written authority been obtained from the licensee of the station whose programs are to be retransmitted?

5. Station Identification.

The Applicant certifies that it will comply with applicable station identification rules. See Sections 73.1201, 74.783 and 74.1283 of the Commission's Rules.

6. Is type approved broadcast equipment being specified?

If No, indicate date equipment was submitted to FCC Laboratory for approval.

7. Would a Commission grant of your application be a major action as defined by Section 1.1305 of the of the Commission's Rules?

If Yes, attach as Exhibit No. _____ the required statement in accordance with Section 1.1311 of the Commission's Rules.

If No, explain briefly.

8. If the application is for a new FM translator, have any funds, legal or engineering services or anything else of value been furnished, directly or indirectly, by the licensee, or permittee of any FM broadcast station or any person associated with such station?

If Yes, attach an explanation as Exhibit No. _____, identifying the source and nature of the financial support or assistance.

Section II

LEGAL QUALIFICATIONS

Applicant's Name

1 Applicant is (check one of the following):

- an individual
- a general partnership
- a limited partnership
- a corporation
- other

2 If the applicant is an unincorporated association or a legal entity other than an individual, partnership or corporation, described in Exhibit No. _____ the nature of the applicant.

CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS

YES NO

- 3. (a) Is the applicant in compliance with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments? YES NO
- (b) Will any funds, credit, etc., for the construction, purchase or operation of the station(s) be provided by aliens, foreign entities, domestic entities controlled by aliens, or other agents? YES NO

If yes, provide particulars as Exhibit No. _____

- 4. (a) Has an adverse finding been made, adverse final action taken or consent decree approved by any court or administrative body as to the applicant or any party to the application in any civil or criminal proceeding brought under the provisions of any law related to the following: any felony, antitrust, unfair competition, fraud, unfair labor practices or discrimination? YES NO
- (b) Is there now pending in any court or administrative body any proceeding involving any of the matters referred to in 4(a)? YES NO

If the answer to 4(a) or 4(b) is Yes, attach as Exhibit No. _____, a full disclosure concerning the persons and matters involved, identifying the court or administrative body and the proceeding (by dates and file numbers), stating the facts upon which the proceeding was based or the nature of the offense committed, and disposition or current status of the matter.

YES NO

- 5. Has the applicant or any party to this application had any interest in:
 - (a) an application which has been dismissed with prejudice by the Commission? YES NO
 - (b) an application which has been denied by the Commission? YES NO
 - (c) a broadcast station, the license for which has been revoked? YES NO
 - (d) an application in any commission proceeding which left unresolved character issues against the applicant? YES NO

If the answer to any of the questions in 5 is yes, state in Exhibit No. _____ the following:

- (i) Name, address and percentage of ownership in applicant;
- (ii) Nature of interest or connection, giving dates;
- (iii) Call letters of stations or file number of application or docket number;
- (iv) Location.

LEGAL QUALIFICATIONS

Multiple Applications

YES NO

- 6. The applicant certifies that there is no other application pending that would be directly mutually exclusive with this application in which this applicant has an interest of one percent or more or in which any party to this application is an officer, director or has an interest of one percent or more, direct or indirect.

if no, this application cannot be accepted for filing.

Real Party In Interest Certification

- 7. The applicant certifies that no agreement, either explicit or implicit, has been entered into for the purposes of transferring or assigning to another party, any station construction permit or license or interest therein that is awarded as a result of a random selection or lottery.

If No, this application cannot be accepted for filing.

Site Certification

- 8. The applicant certifies that it has contacted an authorized spokesperson for the owner of the rights to the proposed transmitter site and has obtained reasonable assurance that the site will be available for its use if this application is granted.

The person is _____ who can be contacted at the following address and telephone number.

Mailing Address or Identification

City

State

ZIP Code

Telephone No. (Include area code)

Section III

FINANCIAL QUALIFICATIONS
(FM Translator Applicants only)

Note: If this application is for a change in an operating facility, DO NOT fill out this section.

YES NO

1. The applicant certifies that sufficient net liquid assets are on hand or are available from committed sources to construct and operate the requested facilities for three months without revenue.

2. The applicant certifies that: (a) it has a reasonable assurance of a present firm intention for each agreement to furnish capital or purchase capital stock by parties to the application, each loan by banks, financial institutions or others and each purchase of equipment on credit; (b) it can and will meet all contractual requirements as to the collateral, guarantees, and capital investment; (c) it has determined that a reasonable assurance exists that all such (excluding banks, financial institutions and equipment manufacturers) have sufficient net liquid assets to meet these commitments.

Section IV

PROGRAM SERVICE STATEMENT

Note: For Low Power Television *(including subscription television applicants)* only:

1. Low Power Television stations must offer a broadcast program service; a non-program broadcast service will not be permitted. Therefore, attach as Exhibit No. _____, a brief description, in narrative form, of your planned programming service.

Important: Read the following material carefully before answering the questions

1. Applicants for FM translator stations should not complete this section.
2. All applicants for construction permits for new television translator stations and low power television stations, or for major changes in existing stations, must complete this section. Although a very few applications for television translator or low power television stations are grantable as filed, almost all pending proposals would create objectionable interference to other nearby proposals if all were granted. Such applications are considered mutually exclusive because only one can be granted. The winner from among mutually exclusive applicants will be selected by a lottery. In conducting a lottery, the law requires that certain preferences be awarded to encourage diversity in the ownership of mass communications media and minority ownership. An applicant with preferences will have a greater probability of winning the lottery than an applicant lacking them. Preferences will be computed by the Commission, in the manner described in Section 1.1623 of the Commission's Rules.
3. It is essential that information about preferences be completely accurate so that the purposes of the law can be carried out and the lottery conducted fairly. You should, therefore, read very carefully the definitions set out below before answering the questions. **WINNING APPLICANTS PROVED TO HAVE MADE MISREPRESENTATIONS TO THE COMMISSION TO IMPROVE THEIR CHANCES IN THE LOTTERY WILL BE DISQUALIFIED FROM HOLDING THAT AUTHORIZATION AND MAY ALSO JEOPARDIZE OTHER PENDING APPLICATIONS.**

Minority Preference

1. "Minority" means a person who is a member of one of the following groups: Blacks, Hispanics, American Indians, Alaska Natives, Asians and Pacific Islanders. No other groups are recognized for the purposes of the lottery.
2. If the applicant is a sole proprietor, a preference will be awarded if the applicant is a minority.
3. Other entities will be entitled to a minority preference as follows:
 - a. Partnerships. If a majority of the partnership (computed on the basis of profits) is in the hands of a minority, the applicant is entitled to a preference. Note that limited or "silent" partners are to be included in determining whether a preference may be claimed. Thus, in a five-person limited partnership in which each partner is entitled to 20 percent of the profits, the partnership is eligible for a minority preference if any three partners (including three limited partners) are minorities.
 - b. Trusts. If a majority of the beneficial interests are held by minorities, the trust is entitled to a minority preference. The characteristics of trustee are not considered.
 - c. Unincorporated associations or nonstock corporations with members. If a majority of the members are minorities, the entity is entitled to a minority preference.
 - d. Unincorporated associations or nonstock corporations without members. If a majority of the governing board (including executive boards, boards of regents, commissions and similar governmental bodies where each board member has one vote) are minorities, the entity is entitled to a minority preference.
 - e. Stock corporations. If a majority of the voting shares are held by minorities, the corporation is entitled to a minority preference.
 - f. Where one form of entity owns an interest in a different form (e.g., a corporation owns 20 percent of a partnership) the interest owned, in its entirety, follows the characteristics of the owner. Thus, in the example, if 51 percent of the corporation's stock is voted by minorities, its entire 20 percent interest in the partnership would be considered as minority controlled when determining whether the partnership is eligible for a minority preference.

Diversification Preferences

1. In general terms, a preference will be given to an applicant if it and/or its owners have no recognizable interest (more than 50 percent) in the aggregate, in any other media of mass communications. A smaller preference will be given to an applicant if it and/or its owners, in the aggregate, have a recognizable interest in no more than three mass media facilities. No preference is given, however, if any one of the commonly owned mass media outlets serves the same area as the proposed low power television or television translator station, or if the applicant and/or its owners have more than three mass media facilities. The material that follows will set out in more detail the meaning of "own," "owner," "media of mass communications," and "serves the same area."
2. If an applicant and/or its owners, in the aggregate, do not own any other media of mass communications, the applicant is entitled to a preference. "Own" in this context means more than 50 percent ownership.
3. "Owner" means: the applicant, in the case of a sole proprietor; partner, including limited or "silent" partners, in the case of a partnership; the beneficiaries, in the case of a trust; any member, in the case of a nonstock corporation or unincorporated association with members; any member of the governing board (including executive boards, boards of regents, commissions, or similar governmental bodies where each member has one vote), in the case of nonstock corporation or unincorporated association without members, and owners of voting shares, in the case of stock corporations. For the purposes of the diversification preference, holders of less than one percent of any of the above interests will not be considered.
4. A medium of mass communications means
 - a. a daily newspaper; and a license or construction permit for:
 - (1) a television station, including low power and television translator station;
 - (2) an AM or FM radio broadcast station;
 - (3) a direct broadcast satellite transponder; and
 - (4) a cable television system.
5. The diversity preference is not available to applicants that control, or whose owners control, in the aggregate, more than 50 percent of other media of mass communications in the same area. The facilities will be considered in the "same area" if the following defined areas wholly encompass or are encompassed by the protected, predicted contour of the proposed low power television or television translator station [See Section 74.707(a)]:
 - a. AM broadcast station—predicted or measured 2 mV/m groundwave contour (see Sections 73.183 or 73.186);
 - b. FM broadcast stations—predicted 1.0 mV/m contour (see Section 73.313);
 - c. Television broadcast station—Grade A contour (see Section 73.684); and
 - d. Low power television or television translator station—the predicted, protected contour [See Section 73.707(a)];
 - e. Cable television system—the franchised community of a cable system.
 - f. Daily newspaper—community of publication.
6. No diversity preference is available to an applicant whose proposed transmitter site is located within the franchise area of a cable system controlled (owned more than 50 percent) by the applicant and/or its owners. No diversity preference is available to an applicant whose proposed transmitter site is located within the community of publication of a daily newspaper controlled (owned more than 50 percent) by the applicant and/or its owners.
7. If a low power television or television translator applicant, and/or the owners of the applicant, control no more than three other mass media facilities, none of which serve the same area as the proposed station, the applicant will be entitled to a smaller preference than an applicant with no other media facilities.

REMINDER: Do not complete the following without reading carefully the definitions and other information set out in the foregoing pages.

CERTIFICATION OF PREFERENCES

Minority

YES NO

- 1. The applicant certifies that it is entitled to and seeks to claim minority preference.

If Yes, complete the following:

Name

Address

Percentage interest
in the applicant

Minority Group

Diversification Preference

YES NO

- 2. The applicant certifies that it and/or its owners have no interest, in the aggregate, exceeding 50 percent in any media of mass communications.

If Yes, DO NOT respond to questions 3 and 4.

- 3. The applicant certifies that it and/or its owners have no interest, in the aggregate, exceeding 50 percent in more than three mass communications media facilities.

- 4. The applicant certifies that it and/or its owners have no interest, in the aggregate, exceeding 50 percent in a media of mass communications in the same area to be served by the proposed low power television or television translator station.

Section VI

ENGINEERING DATA

1. Facilities requested:

a. Output Channel No. _____ Transmitter Rated Power Output _____ W Proposed Principal Community(ies) to be served _____ City _____ State _____

Frequency _____ MHz.

Primary station (station to be rebroadcast — Translator station only)

Call Sign _____ City _____ State _____ Frequency _____ MHz.

b. Offset (Low Power TV and TV Translator Stations only)
(Check one of the following)

No offset Zero offset Plus offset Minus offset

c. Input Channel Frequency No. _____

_____ MHz.

If station is to operate via another translator station, indicate call sign and location of final intermediate translator.

2. Proposed transmitter location:

City _____ State _____

County _____

Address or other description of location: _____

Geographical coordinates of transmitting antenna to nearest second

North Latitude _____° _____' _____" West Longitude _____° _____' _____"

Attach as Exhibit No. _____ a map or maps (preferably topographic, if obtainable, such as Geological Survey quadrangles) for of the area of the proposed transmitter location shown drawn thereon the following data:

- a. Scale of miles.
- b. Proposed transmitter location accurately plotted.
- c. Principal community to be served by the proposed station, clearly identified and labeled.

3. Transmitter:	Make	Type No.	Length	Output Power kw.
4. Transmission line:				Rated efficiency E for length given (decimal fraction)
5. Transmitting antenna <input type="checkbox"/> Directional <input type="checkbox"/> Non-Directional				
Manufacturer		Model ¹		Description ¹
Orientation ²	Height above ground ³	Elevation of Site ⁴	Power gain G (multiplier) in lobe of maximum radiation relative to a halfwave dipole. ⁵	

Effective radiated power (ERP)

(ERP = P X E X G) _____ kw.

Height of antenna radiation center above mean sea level _____ ft.

¹Give basic type using general descriptive terms such as half-wave dipole, "bow-tie" with screen, corner reflector, 10 element Yagi, 4 element in-phase array, two stacked 5 element Yagis, etc
²Show the direction of the main radiation lobe in degrees with respect to true north in a 360 degree horizontal azimuth, numbered clockwise, with true north as zero azimuth.
³Show height to topmost portion of structure, including highest top mounted antenna and beacon if any
⁴Show the ground elevation above mean sea level at the base of the transmitting antenna supporting structure
⁵Give the actual power gain toward the radio horizon

6. Attach as Exhibit No. _____ a vertical plan sketch for the proposed total structure(s) including supporting structure(s), giving height of center of radiation above ground, overall height of structure above ground, including lighting beacon (if any) and height above mean sea level in feet for all significant features for BOTH RECEIVING AND TRANSMITTING ANTENNAS. Also indicate any horizontal separation between receiving and transmitting antennas.

7. Will the proposed antenna supporting structure be shared with another station or stations of any class?

If Yes, list the call signs and class of such stations.

YES NO

8. Attach as Exhibit No. _____ a polar diagram of the radiation pattern (relative field) of the transmitting antenna showing clearly the correct relationship between the major lobe or lobes and the minor lobes of radiation and a tabulation of the pattern at every ten degrees and all maxima and minima. Applicants proposing use of multiple transmitting antennas shall submit a composite radiation pattern. If a non directional transmitting antenna will be employed, i.e. an antenna with an approximately circular radiation pattern, check here and omit polar diagram.

9. Has FAA been notified of proposed construction?

YES NO

If Yes, give date and office where notice was filed.

10. Unattended operation:

a. Is unattended operation proposed?

YES NO

If Yes, and this application is for authority to construct a new station or to make changes in the facilities of an authorized station which proposes unattended operation for the first time, applicant will comply with the several requirements of Section 74.734 (TV Translators) or Section 74.1234 (FM Translators) of the Rules concerning unattended operation.

b. In space below state name, address and telephone number of a person or persons who may be contacted in an emergency to suspend operation of the translator should such action be deemed necessary by the Commission.

Name	Address (street or other description)	City	State	Telephone No. (include area code)
------	---------------------------------------	------	-------	--------------------------------------

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Signature (Print name below)

Date

Telephone No. (include area code)

Technical Director

Registered Professional Engineer

Consulting Engineer

Chief Operator

Other (specify)

Section VII

Equal Employment Opportunity Program

Does the applicant propose to employ five or more fulltime employees? YES NO

If the answer is Yes, the applicant must include an EEO program called for in the separate 5 Point Model EEO Program.

Section VIII

Certification

Has or will the applicant comply with the public notice requirement of Section 73.3580 of the Commission's Rules? YES NO

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with Section 1.65 of the Commission's Rules, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.
U.S. CODE, TITLE 18, Section 1001.**

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this _____ day of _____, 19 _____

Name of Applicant

Signature

Title

**FCC NOTICE TO INDIVIDUALS REQUIRED BY PRIVACY ACT
AND THE PAPERWORK REDUCTION ACT**

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested by the public interest. The staff, consisting variously of attorneys, analysts, engineers and application examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information requested is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested Authority.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3) AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

MODEL EEO PROGRAM

1 Name of Applicant _____ Street Address _____

City _____ State _____ ZIP Code _____ Telephone No _____
(Include Area Code)

2. This form is being submitted in conjunction with:

Application for Construction Permit
for new Station

Application for Assignment of License

Application for Transfer of Control

(a) Call letters (or channel number or frequency)

(b) Community of License

City

State

INSTRUCTIONS

Applicants seeking authority to construct a new low power television broadcast station, applicants seeking authority to obtain assignment of the construction permit or license of such a station, and applicants seeking authority to acquire control of an entity holding such construction permit or license are required to afford equal employment opportunity to all qualified persons and to refrain from discriminating in employment and related benefits on the basis of race, color, religion, national origin or sex. See Section 73.2080 of the Commission's Rules. Pursuant to these requirements, an applicant who proposes to employ five or more fulltime station employees must establish a program designed to assure equal employment opportunity for women and minority groups (that is, Blacks not of Hispanic origin, Asians or Pacific Islanders, American Indians or Alaskan Natives and Hispanics). This is submitted to the Commission as the Model EEO Program. If minority group representation in the available labor force is less than five percent (*in the aggregate*), a program for minority group members is not required. In such cases, a statement so indicating must be set forth in the EEO model program. However, a program must be filed for women since they comprise a significant percentage of virtually all area labor forces. If an applicant proposes to employ less than five fulltime employees, no EEO program for women or minorities need be filed.

Guidelines for a Model EEO Program and a Model EEO Program are attached.

NOTE: Check appropriate box, sign the certification below and return to FCC:

Station will employ less than 5 fulltime employees; therefore no written program is being submitted.

Station will employ 5 or more fulltime employees. Our 5 point program is attached.

CERTIFICATION

I certify that the statements made herein are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this _____ day of _____, 19____

Signature _____

Title

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT
U.S. CODE, TITLE 18, SECTION 1001.**

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and application examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information requested is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain this Authority.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

GUIDELINES TO THE MODEL EEO PROGRAM

The model EEO program adopted by the Commission for construction permit applicants, assignees and transferees contains five sections designed to assist the applicant in establishing an effective EEO program for its station. The specific elements which should be addressed are as follows:

I. General Policy

The first section of the program should contain a statement by the applicant that it will afford equal employment opportunity in all personnel actions without regard to race, color, religion, national origin or sex, and that it has adopted an EEO program which is designed to fully utilize the skills of minorities and women in the relevant available labor force.

II. Responsibility for Implementation

This section calls for the name (if known) and title of the official who will be designated by the applicant to have responsibility for implementing the station's program.

III. Policy Dissemination

The purpose of this section is to disclose the manner in which the station's EEO policy will be communicated to employees and prospective employees. The applicant's program should indicate whether it: (a) intends to utilize an employment application form which contains a notice informing job applicants that discrimination is prohibited and that persons who believe that they have been discriminated against may notify appropriate governmental agencies; (b) will post a notice which informs job applicants and employees that the applicant is an equal opportunity employer and that they may notify appropriate government authorities if they believe that they have been discriminated against; and (c) will seek the cooperation of labor unions, if represented at the station, in the implementation of its EEO program and in the inclusion of nondiscrimination provisions in union contracts. The applicant should also set forth any other methods it proposes to utilize in conveying its EEO policy (e.g., orientation materials, on-air announcements, station newsletter) to employees and prospective employees.

VI. Recruitment

The applicant should specify the recruitment sources and other techniques it proposes to use to attract minority and female job applicants. Not all of the categories of recruitment sources need be utilized. The purpose of the listing is to assist the applicant in developing specialized referral sources to establish a pool of minorities and women who can be contacted as job opportunities occur. Sources which subsequently prove to be nonproductive should not be relied on and new sources should be sought.

V. Training

Training programs are not mandatory. Each applicant is expected to decide, depending upon its own individual situation, whether a training program is feasible and would assist it in its effort to increase the pool of available minority and female applicants. Additionally, the applicant may set forth any other assistance it proposes to give to students, schools or colleges which is designed to be of benefit to minorities and women interested in entering the broadcasting field. The beneficiary of such assistance should be listed, as well as the form of assistance, such as contributions to scholarships, participation in work study programs, and the like.

MODEL EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

I. General Policy

It will be our policy to provide equal employment to all qualified individuals without regard to their race, color, religion, national origin or sex in all personnel actions including recruitment, evaluation, selection, promotion, compensation, training and termination.

It will also be our policy to promote the realization of equal employment opportunity through a positive, continuing program of specific practices designed to ensure the full realization of equal employment opportunity without regard to race, color, religion, national origin or sex.

To make this policy effective, and to ensure conformance with the Rules and Regulations of the Federal Communications Commission, we have adopted an Equal Employment Opportunity Program which includes the following elements:

II. Responsibility for Implementation

(Name/Title) _____, will be responsible for the administration and implementation of our Equal Employment Opportunity Program. It will also be the responsibility of all persons making employment decisions with respect to recruitment, evaluation, selection, promotion, compensation, training and termination of employees to ensure that our policy and program is adhered to and that no person is discriminated against in employment because of race, color, religion, national origin or sex.

III. Policy Dissemination

To assure that all members of the staff are cognizant of our equal employment opportunity policy and their individual responsibilities in carrying out this policy, the following communication efforts will be made:

- The station's employment application form will contain a notice informing prospective employees that discrimination because of race, color, religion, national origin or sex is prohibited and that they may notify the appropriate local, State or Federal agency if they believe they have been the victims of discrimination.
- Appropriate notices will be posted informing applicants and employees that the station is an Equal Opportunity Employer and of their right to notify an appropriate local, State, or Federal agency if they believe they have been the victims of discrimination.
- We will seek the cooperation of unions, if represented at the station, to help implement our EEO program and all union contracts will contain a nondiscrimination clause.
- Other (specify)

IV. Recruitment

To ensure nondiscrimination in relation to minorities and women, and to foster their full consideration in filling job vacancies, we propose to utilize the following recruitment procedures:

- We will attempt to maintain systematic communication, both orally and in writing, with a variety of minority and women's organizations to encourage the referral of qualified minority and female applicants. Examples of organizations we intend to contact are:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

- In addition to the organizations noted above, which specialize in minority and female candidates, we will deal only with employment services, including State employment agencies, which refer job candidates without regard to their race, color, religion, national origin or sex. Examples of these employment referral services are:

MODEL EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

When we recruit prospective employees from educational institutions, such recruitment efforts will include area schools and colleges with significant minority and female enrollments. Educational institutions to be contacted for recruitment purposes are:

When utilizing media for recruitment purposes, help-wanted advertisements will always include a notice that we are an Equal Opportunity Employer and will contain no indication, either explicit or implied, of a preference for one sex over another.

When we place employment advertisements in printed media some of such advertisements will be placed in media which have significant circulation or are of particular interest to minorities and women. Examples of publications to be utilized are:

We will encourage employees, particularly minority and female employees, to refer minority and female candidates for existing and future job openings.

V. Training

Station resources and/or needs will be such that we will be unable or do not choose to institute specific programs for upgrading the skills of employees

We will provide on-the-job training to upgrade the skills of employees.

We will provide assistance to students, schools or colleges in programs designed to enable minorities and women to compete in the broadcast employment market on an equitable basis:

School or Other Beneficiary

Proposed Form of Assistance

Other (*specify*)



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET N.W.
WASHINGTON, D.C. 20554

3004

News media information 202/254-7874. Recorded listing of releases and texts 202/632-0002.

NOTICE OF SELECTION BY LOTTERY

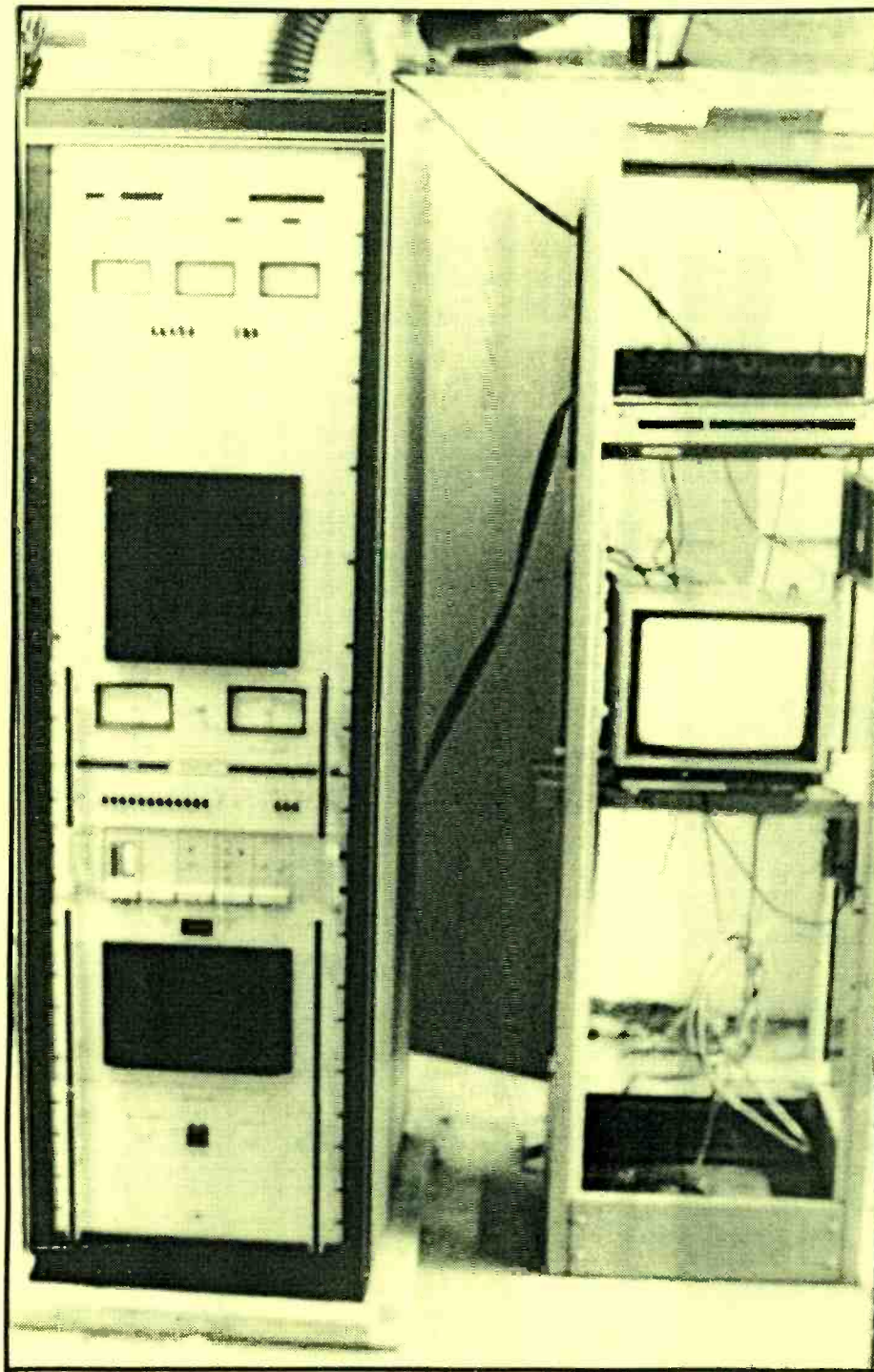
<u>FILE NO.</u>	<u>APPLICANT NAME/CITY OF LICENSE</u>	<u>NUMBER BLOCK SELECTION</u>
L87-1635 BPTTL-GF0308WH	WFF-TV/Pulitzer Broadcasting Co./ Greenville, SC/Channel 69	P.O. BOX TV 4 GREENVILLE SC 29602 REQ:CHAN. 69; ERP 1.40KW
L87-1636 BPTTL-810122IV	North American Television Network/ Eureka, CA/Channel 41	2251 WEST SILVER LAKE DR LOS ANGELES CA 90039 REQ:CHAN. 41; ERP .200KW
L87-1637 BPTTL-830309Z9	Mountain TV Network, Inc./ Del Rio, TX/Channel 29	BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 21; ERP .891KW
L87-1638 BPTVL-840308MI	Summa Communications, Inc. Mobile, AL/Channel 08	4411 BLACKWOOD DRIVE MONTGOMERY AL 36109 REQ:CHAN. 08; ERP .016KW
L87-1639 BPTTL-831214VQ	Low Power Technology, Inc./ Boise, ID/Channel 22	P.O. BOX 4179 BOULDER CO 80302 REQ:CHAN. 24; ERP 50.1KW
L87-1640 BPTTL-G00308ZG	Daniel F. Finnane/Fond Du Lac, WI Channel 34	2532 WEST MEMORIAL JANESVILLE WI 53545 REQ:CHAN. 34; ERP 15.0KW
L87-853 BPTTL-840228NQ	John Thomas McCreery III/ Murfreesboro, TN/Channel 27	C/O WMTS P.O. BOX 80 MURFREESBORO TN 37130 REQ:CHAN. 27; ERP 9.69KW
L87-1055 BPTTL-GN0308XH	Randy Douglas/Jackson, WY/ Channel 66	2685 STEEPLECHASE DRIVE FLORISSANT MO 63033 REQ:CHAN. 66; ERP 4.55KW
L87-1456 BPTTL-830217UL	Tel-Radio Communications Properties/ Lufkin, TX/Channel 45	517 NORTH SEGOE ROAD MADISON WI 53705 REQ:CHAN. 45; ERP 10.0KW
L87-1465 BPTT-800723IC	Arike Logal, M.D./Sacramento, CA Channel 61	5132 GARTH AVENUE LOS ANGELES CA 90056 REQ:CHAN. 61; ERP .465KW
L87-1616 BPTTL-810109JG	Residential Entertainment, Inc./ Portland, OR/Channel 65	P.O. BOX 9090 TYLER TX 75711 REQ:CHAN. 65; ERP .984KW
L87-1617 BPTTL-820617W8	Blacks Desiring Media, Inc./ Scobey, MT/Channel 25	P.O. BOX 520 LIVINGSTON TN 38570 REQ:CHAN. 25; ERP 6276KW
L87-1618 BPTVL-GX0308ZK	Karen Klaus/Lakewood, OH Channel 12	7415 VALERIE LANE HUDSON OH 44236 REQ:CHAN. 12; ERP .027KW

LATEST FCC DATA BASE ON MICROFICHE (602) 945-6746 7432 E.DIAMOND, SCOTTSDALE, AZ. 85257

STATE CITY CHANNEL	\$10	FM	\$10
STATE CHANNEL CITY	\$10	TOWER DATA BASE	\$10
FULL POWER	\$10	LPTV COMPUTER TAPE	\$300

L87-1619 BPTTL-830315LZ	Mountain TV Network, Inc./Salina, KS/ Channel 50	BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 50; ERP .737KW
L87-1620 BPTTL-HF0308VQ	Midamerica LPTV Associates, Inc. Rochester, MN/Channel 56	375 COLLINS RD.,N.E.#107 CEDAR RAPIDS IA 52402 REQ:CHAN. 50; ERP 40.8KW
L87-1621 BPTVL-GL0308VO	George Fritzinger/Lawton, OK Channel 11	6735 YUCCA ST. LOS ANGELES CA 90028 REQ:CHAN. 11; ERP .010KW
L87-1622 BPTTL-8403085J	Cassidyne Productions, Inc. West Palm Beach, FL/Channel 19	412 W. 25TH ST.,SUITE 1D NEW YORK NY 10001 REQ:CHAN. 19; ERP 26.7KW
L87-1623 BPTTL-830311B5	Mountain TV Network, Inc. Teterville, KS/Channel 16	P.O. BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 16; ERP .656KW
L87-1624 BPTTL-830311KS	Mountain TV Network/ Rawlins, WY/Channel 48	P.O. BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 46; ERP .724KW
L87-1625 BPTTL-831214QY	Listners' Network-TV/Evanston, WY Channel 33	1050 HANCOCK STREET QUINCY MA 02169 REQ:CHAN. 33; ERP 6024KW
L87-1626 BPTTL-830503LL	Telecrafter Corporation/ Green River, WY/Channel 27	P.O. BOX 27960 DENVER CO 80227 REQ:CHAN. 25; ERP .707KW
L87-1627 BPTTL-810123IH	EPTV/El Paso, TX/ Channel 50	106 CASTELLANO EL PASO TX 79912 REQ:CHAN. 50; ERP 4.14KW
L87-1628 BPTTL-821216TX	Black Women's Network of N.J., Inc. Redmond, OR/Channel 31	354 SOUTH FIRST AVENUE MOUNT VERNON NY 10550 REQ:CHAN. 31; ERP 13.0KW
L87-1629 BPTTL-840116D5	Christian Renewal Ministries/ Brunswick, GA/Channel 33	P.O. BOX 1218 BRUNSWICK GA 31521 REQ:CHAN. 33; ERP 17.9KW
L87-1630 BPTTL-830301SR	John F. Craven, III/Quartzsite, AZ Channel 52	11196 PLEASANT VALLEY RD PENN VALLEY CA 95946 REQ:CHAN. 52; ERP 0.02KW
L87-1631 BPTTL-GK0308NT	American Lo-Power TV Network, Inc./ Enid, OK/Channel 32	P.O. BOX 352 WESTFORD MA 01886 REQ:CHAN. 32; ERP 2.81KW
L87-1632 BPTTL-EN0307VT	Colleen Demery/Billings, MT/ Channel 33	8750 E. MCDONWELL # 21 SCOTTSDALE AZ 85257 REQ:CHAN. 33; ERP 11.7KW
L87-1633 BPTTL-830309XC	Mountain TV Network, Inc./ Estelline, TX/Channel 56	BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 56; ERP .659KW
L87-1634 BPTTL-830317QM	Mountain TV Network, Inc./ Springfield, CO/Channel 19	BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 19; ERP .896KW

Lo-Power Community TV



June 1987

EDITORIAL

The announcement was; the new LPTV application form would be out May 11th. We sent a person over to the commission on May 12 to pick up the new form, he Federal expressed it to us and we sent you a copy last month. Now we find out, they did not give him the new May form and we now send it to you here. There are very few differences, but you must use the May form enclosed here - read the notices also in this issue. Your applications DO NOT go to the FCC. (See address in PA).

We had a client who during the last filing period called the regional FCC office and asked for the current LPTV 346 form. He was sent one and he applied for several permits using their forms. They were returned because they were filed on an obsolete form. To prove he was sent the wrong form by the FCC, he called the regional FCC office and asked for the latest form 346. They again sent the old form. The staff refused to reconsider, saying it was on an obsolete form and they did not care who sent it to him. Out of the five (5) LPTV's I had to install by window date, we have two (2) done, one has been bumped by a full power re-apply for new channel and still have two (2) to install and installations have priority. If you would like channel searches, the latest fiche, the computer tape of the latest data base or filing help - try either the Phoenix # or Sioux Falls 605-335-1136. We are training new people there right now for operation of other South Dakota stations, so I am trying to be there more than usual.

Regarding our recent article an editing without an editor using the digital switcher, note that we have had people call us that are adopting this technique using a \$79.00 radio shack switcher and say it works out just fine. If you missed that, reread it again - it can save you buying an editor right now. ALL 3/4 and standard VHS will be junk pile material within six (6) months when the super VHS becomes available. So buy no editors or expensive VCR's until then.

Our cover photo is a TTC 1 kw transmitter recently installed by your editor in Paducah, Kentucky.

After building and installing a couple dozen LPTV Stations and visiting a dozen or so that others have installed, as well as a lot of translators over the years, I have changed my view slightly on out of town installation feeding back into town at a distance, as opposed to in the center of the population.

First of all, in the mountainous or hilly areas where you get up high enough to look down and see each house individually instead of house behind house on the horizon, you can be a ways out and cover well. Also, if they are picking up others off the air from 50 miles out, they usually have outdoor antennas. What I am talking about here is mostly metro areas where you have 100,000 or more people in an area 5 to 20 miles across. In flat country even a several hundred foot tower doesn't help much at 20 miles in metro areas, because they all seem to think they should get UHF TV on a \$.39 loop antenna.

When your LPTV signal has to go through trees and 19 other houses at 20 miles to get to house number 20 that has a loop antenna on the back of the set, even a 1 kw transmitter with a good gain transmitting antenna isn't going to do it.

Whereas if you are in the middle of that town, say 15 miles wide and you are in the middle, you are going to do pretty well 3 to 10 miles.

We used to think you wanted to be the same direction other TV Stations are, but in metro areas all the other stations are so much power (if local), that viewers can be in the basement with a loop antenna and get anything, and outdoor antennas are scarce.

Therefore, since basically in metro areas you are only going to readily get viewers that receive your signal that well, you better be darn close to the bulk of them. When you are in the middle and other stations are north of town, those on the south side of town with outdoor antennas are aimed close enough to get you. Those in the north, you come in the back of their outdoor antennas. East and West will get you well off the side for 2 or 3 miles. Most will be able to aim their outdoor antenna toward your station and with power increases over the years, the regular full service stations now have so much power they will come in well enough on the side.

The main thing is to be within 6 miles of the bulk of the population any direction. If there is no "high point" where you can look down on each house for the distance regarded to "see" most of the population.

The metro areas have a good percentage of apartment houses which also have their own antenna system. You may not be on the cable system or on these private antenna systems, but if you have a strong enough signal and are "close" enough to most, all can get your signal with a simple loop antenna. If the town is hilly, you will do a fair job of going "over the hill" within 2 to 4 miles, but after that getting houses behind even a small hill becomes marginal, especially on indoor antennas.

Another advantage of being on top of a tall building in the center of the population, is that your transmissions line loss is minimal since your antenna is usually only a short distance from the antenna. A regular installation on a 700 ft. tower has a lot of line loss getting from the transmitter to the antenna. Best of all, if you can get a satellite space on the building, you save the cost and maintenance of an STL (studio transmitter link). We are currently installing a center of town, top of building, with 3 channels in one antenna, and will give you a report on that. This incidentally was all set up on the edge of town as granted with 1 kw - we moved it to the center of town with a 100 watt transmitter. Difference is cost on the 3 together is about \$105,000.

This installation is sparse rural audience, so what we loose in the rural area is insignificant. In many areas, the rural (out of town) population you cover is more important than the in town, since in town you compete with cable etc., out of town viewers you often do not, so every market is different.

Lo-Power Community Television magazine is published 12 times per year. Sample copies are \$5. subscriptions \$50 per year. Intended to supply needed information on low power television at reasonable cost.

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Send address changes to 7432 E. Diamond, Scottsdale, AZ 85257; phone (602) 945-6746.





PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET N.W.
WASHINGTON, D.C. 20554

3004

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NOTICE OF SELECTION BY LOTTERY

MUTUALLY EXCLUSIVE CASES INVOLVING LOW POWER TELEVISION AND TELEVISION TRANSLATOR APPLICATIONS

Report No: TS-40

Released: April 29, 1987

Notice is hereby given of the results of the April 24, 1987, public lotteries to determine the award of construction permits for low power television or television translator stations in the mutually exclusive cases listed below. The application listed with each case is the tentative selectee for the construction permit grant. Petitions to deny the selectee must be on file with the Commission not later than 15 days from the release date of this public notice. Pursuant to Section 73.3584(c) of the Commission's Rules, the selectee may file an opposition within 15 days of the filing of the petition.

Absent the filing of petitions to deny and upon determining that the selectees are otherwise qualified, grant of construction permits to the selectees listed below will be made upon completion of processing.

<u>FILE NO.</u>	<u>APPLICANT NAME/CITY OF LICENSE</u>	<u>NUMBER BLOCK SELECTION</u>
L87-853 BPTTL-840228NQ	John Thomas McCreery III/ Murfreesboro, TN/Channel 27	C/O WMTS P.O. BOX 80 MURFREESBORO TN 37130 REQ:CHAN. 27; ERP 9.69KW
L87-1055 BPTTL-GN0308XH	Randy Douglas/Jackson, WY/ Channel 66	2685 STEEPLECHASE DRIVE FLORISSANT MO 63033 REQ:CHAN. 66; ERP 4.55KW
L87-1456 BPTTL-830217UL	Tel-Radio Communications Properties/ Lufkin, TX/Channel 45	517 NORTH SEGOE ROAD MADISON WI 53705 REQ:CHAN. 45; ERP 10.0KW
L87-1465 BPTT-800723IC	Arike Logal, M.D./Sacramento, CA Channel 61	5132 GARTH AVENUE LOS ANGELES CA 90056 REQ:CHAN. 61; ERP .465KW
L87-1616 BPTTL-810109JG	Residential Entertainment, Inc./ Portland, OR/Channel 65	P.O. BOX 9090 TYLER TX 75711 REQ:CHAN. 65; ERP .984KW
L87-1617 BPTTL-820617W8	Blacks Desiring Media, Inc./ Scobey, MT/Channel 25	P.O. BOX 520 LIVINGSTON TN 38570 REQ:CHAN. 25; ERP 6276KW
L87-1618 BPTVL-GX0308ZK	Karen Klaus/Lakewood, OH Channel 12	7415 VALERIE LANE HUDSON OH 44236 REQ:CHAN. 12; ERP .027KW

L87-1619 BPTTL-830315LZ	Mountain TV Network, Inc./Salina, KS/ Channel 50	BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 50; ERP .737KW
L87-1620 BPTTL-HF0308VQ	Midamerica LPTV Associates, Inc. Rochester, MN/Channel 56	375 COLLINS RD., N.E. #107 CEDAR RAPIDS IA 52402 REQ:CHAN. 56; ERP 40.8KW
L87-1621 BPTVL-GLO308VO	George Fritzingler/Lawton, OK Channel 11	6735 YUCCA ST. LOS ANGELES CA 90028 REQ:CHAN. 11; ERP .010KW
L87-1622 BPTTL-8403085J	Cassidyne Productions, Inc. West Palm Beach, FL/Channel 19	412 W. 25TH ST., SUITE 1D NEW YORK NY 10001 REQ:CHAN. 19; ERP 26.7KW
L87-1623 BPTTL-830311B5	Mountain TV Network, Inc. Teterville, KS/Channel 16	P.O. BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 16; ERP .656KW
L87-1624 BPTTL-830311KS	Mountain TV Network/ Rawlins, WY/Channel 48	BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 48; ERP .987KW
L87-1625 BPTTL-831214QY	Listners' Network-TV/Evanston, WY Channel 33	1050 HANCOCK STREET QUINCY MA 02169 REQ:CHAN. 33; ERP 6024KW
L87-1626 BPTTL-830503LL	Telecrafter Corporation/ Green River, WY/Channel 27	P.O. BOX 27960 DENVER CO 80227 REQ:CHAN. 27; ERP .707KW
L87-1627 BPTTL-810123IH	EPTV/El Paso, TX/ Channel 50	106 CASTELLANO EL PASO TX 79912 REQ:CHAN. 50; ERP 4.14KW
L87-1628 BPTTL-821216TX	Black Women's Network of N.J., Inc. Redmond, OR/Channel 31	354 SOUTH FIRST AVENUE MOUNT VERNON NY 10550 REQ:CHAN. 31; ERP 13.0KW
L87-1629 BPTTL-840116D5	Christian Renewal Ministries/ Brunswick, GA/Channel 33	P.O. BOX 1218 BRUNSWICK GA 31521 REQ:CHAN. 33; ERP 17.9KW
L87-1630 BPTTL-830301SR	John F. Craven, III/Quartzsite, AZ Channel 52	11196 PLEASANT VALLEY RD PENN VALLEY CA 95946 REQ:CHAN. 52; ERP 0.02KW
L87-1631 BPTTL-GK0308NT	American Lo-Power TV Network, Inc./ Enid, OK/Channel 32	P.O. BOX 352 WESTFORD MA 01886 REQ:CHAN. 32; ERP 2.81KW
L87-1632 BPTTL-EN0307VT	Colleen Demery/Billings, MT/ Channel 33	8750 E. MCDONWELL # 21 SCOTTSDALE AZ 85257 REQ:CHAN. 33; ERP 11.7KW
L87-1633 BPTTL-830309XG	Mountain TV Network, Inc./ Estelline, TX/Channel 56	BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 56; ERP .659KW
L87-1634 BPTTL-830317QM	Mountain TV Network, Inc./ Springfield, CO/Channel 19	BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 19; ERP .896KW

L87-1635
BPTTL-GF0308WH

WFF-TV/Pulitzer Broadcasting Co./
Greenville, SC/Channel 69

P.O. BOX TV 4
GREENVILLE SC 29602
REQ:CHAN. 69; ERP 1.40KW

L87-1636
BPTTL-810122IV

North American Television Network/
Eureka, CA/Channel 41

2251 WEST SILVER LAKE DR
LOS ANGELES CA 90039
REQ:CHAN. 41; ERP .200KW

L87-1637
BPTTL-830309Z9

Mountain TV Network, Inc./
Del Rio, TX/Channel 29

BOX 31
BERRYVILLE AR 72616
REQ:CHAN. 29; ERP .901KW

L87-1638
BPTVL-840308MI

Summa Communications, Inc.
Mobile, AL/Channel 08

4411 BLACKWOOD DRIVE
MONTGOMERY AL 36109
REQ:CHAN. 08; ERP .016KW

L87-1639
BPTTL-831214VQ

Low Power Technology, Inc./
Boise, ID/Channel 22

P.O. BOX 4179
BOULDER CO 80302
REQ:CHAN. 22; ERP 55.2KW

L87-1640
BPTTL-G00308ZG

Daniel F. Finnane/Fond Du Lac, WI
Channel 34

2532 WEST MEMORIAL
JANESVILLE WI 53545
REQ:CHAN. 34; ERP 15.0KW



PUBLIC NOTICE

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Low Power/Television Translators: Proposed Construction Permits

Report No.: GL87-4

Released: April 29, 1987

April 15, 1987

Notice is hereby given that the television translator and low power television application(s) listed below have been accepted for filing. These applications, which are not mutually exclusive with other LPTV and TV translator applications have been fully reviewed and in the absence of petitions to deny, the applications appear to be grantable. Petitions to deny the application(s) may be filed with the Commission within 30 days of the date of this notice. Such petitions should clearly bear the caption of the applicable application listed below.

BPTT-840731IA K80AX
Blacktail TV Tax District
Big Fork, MT

Channel 54

BPTT-850717IB K76CV
Hoapa Valley TV Maintenance District
Overton, NV

Channel 64

BPTT-840731IB K82AO
Blacktail TV Tax District
Big Fork, MT

Channel 52

BPTT-8405291B W76AH
Northeastern Pennsylvania
Educational TV Association
Clarks Summit, PA

Channel 48

BPTTL-870331IL W53HL
Valley Music, Inc.
Williamsport, PA

Channel 19

BPTT-840416IK K81BP
South Lane Television, Inc.
Cottage Grove, OR

Channel 58

BPTT-8503061B K78AR
Western Sun, Inc.
Lihue & Kauai, HI

Channel 55

BPTT-8404161L K77AH
South Lane Television, Inc.
Cottage Grove, OR

Channel 60

BPTT-8502261J K78CH
Wheeler Translator System, Inc.
Wheeler, TX

Channel 41

BPTTL-870217IQ W63AS
Richard D. Bogner, Charles Miller
Leonard H. King
(Television Channel 63 Corporation)
Westbury, NY

Channel 38

BPTT-8502261K K76AU
Wheeler Translator System, Inc.
Mobeetie, TX

Channel 39

BPTT-8312071B K76CL
Channel 6, Inc.
Bryan, TX

Channel 63

BPTT-8411291B W70AX
Holston Valley Broadcasting Corporation
Kingsport, TN

Channel 25

BPTT-8503181B W39AB
Holston Valley Broadcasting Corporation
Greeneville, TN

Channel 51

BPTT-8503111C K72CJ Bonneville Holding Company Everett, WA	Channel 58	BPTT8512271A K75BW KUTV, Inc. San Pete & Juab County, UT	Channel 53
BPTT-8411051A K05CD Valley TV Club, Inc. Fort Peck, MT	Channel 51	BPTT8608061N K72CQ Indian Valley Television Corp. Greenville, CA	Channel 51
BPTT-8610141D K70AY Pershing County TV Tax District Lovelock, NV	Channel 69	BPTT8607081C K80AC City of Truth or Consequences Truth or Consequences, NM	Channel 54
BPTT-8610141E K75CD Pershing County TV Tax District Lovelock, NV	Channel 65	BPTT8607081B K83BB University of Utah Columbia, Rural, Duchesne Carbon & Emery Counties, UT	Channel 49
BPTT-8610141F K78CJ Pershing County TV Tax District Lovelock, NV	Channel 60	BPTT8608061I K70AP Indian Valley Television Corp. Greenville, CA	Channel 41
BPTTL-8612311E W59AT Richard D. Bogner and Leonard King (Bogner/King) Plainview, NY	Channel 44	BPTT8601071A K83AJ Quincy Valley TV, Inc. Quincy, WA	Channel 48
BPTT-8507171C K72DH Moapa Valley TV Maintenance District Overton, NV	Channel 54	BPTT8601071E K70EP Quincy Valley TV, Inc. Quincy, WA	Channel 50
BPTT-8502111M K76BD C. L. & O. Translator System, Inc. Follett, TX	Channel 45	BPTT8511261B K81A1 Honor System TV Association, Inc. Marfa/Alpine, TX	Channel 69
BPTT-8509201L W55AH Educational Television Association of Metropolitan Cleveland Chagrin Falls, OH	Channel 29	BPTT8502041F K70AE City of Truth or Consequences Truth or Consequences, NM	Channel 51
BPTT-8601171G K82BL Phillips County TV Translator District Phillips County, MT	Channel 20	BPTT8403011C K80BL North Tillamook TV Translators, Inc. Rockaway, OR	Channel 47
BPTTV8512131G K09UT Mammoth Community TV and FM Association Mammoth, Hot Springs, WY	Channel 9	BPTT8511261A K79BJ Honor System TV Association, Inc. Marfa/Alpine, TX	Channel 67
BPTT8512301F K70EY Humboldt County TV District Winnemucca, NV	Channel 45	BPTT8508201E K80BH San Juan Non-Profit TV Association Farmington, NM	Channel 21
BPTT8502041P K78BN Seiver County Sanpete and Juab County, UT	Channel 47	BPTT8509231C W63AA Viacom Broadcasting, Inc. Kingston, NY	Channel 36
BPTT8502111R K78BI C.L. & O. Translator Systems Inc. Follett, TX	Channel 49	BPTT8403071E K73AY Palo Verde Valley TV Club, Inc. Blythe, CA	Channel 63
BPTT8502111Q K80AY C.L. & O. Translator System, Inc. Follett, TX	Channel 51	BPTTV8404241A K12FV Glendale TV Booster Club Glendale, Wolf Creek, Azalea, OR	Channel 60
BPTT8412281B K70FF Cornhusker Television Corporation Neligh, NE	Channel 28	BPTT8403071G K75AD Palo Verde Valley TV Club, Inc. Blythe, CA	Channel 65
BPTT8403281E K80AD Lone Pine Television, Inc. Lone Pine, CA	Channel 54	BPTT8403071D K77BB Palo Verde Valley TV Club, Inc. Blythe, CA	Channel 59
BPTT8409261A K74DT K. Hitas County TV Improvement District No. 1 Ellensburg, WA	Channel 31	BPTT8403281D K82AW Lone Pine Television, Inc. Lone Pine, CA	Channel 50
BPTT8402091B K74BC Western Telestations, Inc. Lihue, HI	Channel 51	BPTT8404231A K02AG Eagle Nest TV Association Eagle Nest, NH	Channel 48
BPTT8409121A K72AY Maupin Translator District Maupin, OR	Channel 56	BPTT8403071C K71AB Palo Verde Valley TV Club, Inc. Blythe, CA	Channel 61
BPTT8304141C K75AU Maupin Translator District Maupin, OR	Channel 58	BPTTV8403161A K05GW Regents of the University of New Mexico Canado, AZ	Channel 4
BPTT8702131Q K79CE KHEG TV Inc. Norfolk, NE	Channel 30	BPTT8403151A K12LB Camas Valley Grange #521 Camas Valley, OR	Channel 21
BPTT8403161C K70EX Maupin Translator District Maupin, OR	Channel 60	BPTT8605201A W56BG H & C Communications, Inc. Melbourne/Palm Bay, FL	Channel 16
		BPTT8606111E K80AV Pagosa Springs TV Association Pagosa Springs, CO	Channel 58

BPTT8502041E K76BE
City of Truth or Consequences
Truth or Consequences, NM Channel 64

BPTT850917LG K30BC
West Yellowstone Television Translator District
West Yellowstone, MT Channel 30

BPTT8509171B K11JH
West Yellowstone Television Translator District
West Yellowstone, MT Channel 28

BPTT850917LH K34AW
West Yellowstone Television Translator District
West Yellowstone, MT Channel 34

BPTT840210IA K77BH
San Juan Non-Profit Television Association
Farmington, NM Channel 62

BPTT830422ID K72CK
Community Television Project
Globe/Miami, AZ Channel 63

BPTT840731IC K75AZ
Blacktail TV Tax District
Big Fork, MT Channel 52

BPTTV820616PV W61AC
Connecticut Educational Telecommunications Corp.
Waterberry, CT Channel 12

BPTT861218IA K70FC
Harriscope Broadcasting
Laramie, WY Channel 61

BPTT840306XH K69EP
Copper Breaks TV Translator Association
Quanah, TX Channel 69

BPTT870112IP W71AI
BOCES
Stamford, NY Channel 69

EPTT 860116IF K72DK
Blue MT. Television Association
La Grande, OR Channel 60

BPTT860403II K79AK
Citizens TV, Inc.
Milton, Freewater, OR Channel 63

BMPTTV860421IE K11LH
KOAT Television, Inc.
Chama, Brazos Park, NM Channel 60

BPTT851230IH K80CH
Humboldt County TV District
Winnemucca, NV Channel 51

BPTT851230IC K74BH
Humboldt County TV District
Winnemucca, NV Channel 61

BPTT851230IG K76AB
Humboldt County TV District
Winnemucca, NV Channel 47

BPTT851230IE K78BA
Humboldt County TV District
Winnemucca, NV Channel 49

BPTT-821001TX
U. P. TV Systems, Inc.
Iron Mountain, MI Channel 43

BPTTL-820616QU
Artesian Minority Broadcasters, Inc.
Galvin, WA Channel 25

BPTTL-830309ZJ
Mountain TV Network, Inc.
Port Angeles, WA Channel 56

BPTTL-8303145I
Mountain TV Network, Inc.
International Falls, MN Channel 26

BPTTL-810331JH
Gwendolyn May
San Antonio, TX Channel 15

BPTTL-8303145P
Mountain TV Network, Inc.
Buena Vista, CO Channel 16

BPTTL-GW0308NI
Olean Television Station
Olean, NY Channel 25

BPTTL-8403069C
Todd and Fugit
Odessa, TX Channel 54

BPTTL-830309RC
Mountain TV Network, Inc.
Lamar, CO Channel 42

BPTTL-8303145W
Mountain TV Network, Inc.
Limon, CO Channel 58

BPTVL-830915JV
Womens LPTV Network
Bezman, MT Channel 2

BPTTL-830218ZY
Mountain TV Network, Inc.
Jonesboro, AR Channel 48

BPTTL-810213IO
American Christian Television System
Joplin, MO Channel 44

BPTTL-830321JU
Mountain TV Network, Inc.
Chama, NM Channel 21

BPTTL-830311IT
Mountain TV Network, Inc.
Leesville, LA Channel 49

BPTTL-810804IP
Response Broadcasting Corporation
Barstow, CA Channel 44

BPTTL-820811TO
Pepsi Cola Bottling Co. of
Alton, Inc.
Vandalia, IL Channel 63

BPTTL-830309X6
Mountain TV Network, Inc.
Junction City, KS Channel 45

BPTTL-840113PX
Eddie Robinson
Kerrville, TX Channel 27

BPTTL-820924TA
Jack Clarke, III
Ingram, TX Channel 19

BPTTL-GE0308TW
Impact Television Group, Inc.
Sheboygan, WI Channel 66

BPTTL-810409UT
Midwest Radio Television, Inc.
Stevens Point, WI Channel 66

BPTTL-830223UW
Mountain TV Network, Inc.
Luana, IA Channel 26

Low Power/Television Translators: Proposed Construction Permits

Report No.: GL87-5 Released: May 20, 1987

BPTTL-830308Q8
Mountain TV Network, Inc.
Beeville, TX Channel 14

BPTTL-820617B6
Blacks Desiring Media, Inc.
Klamath Falls, OR Channel 54

BPTTL-820617SW
Blacks Desiring Media, Inc.
Klamath Falls, OR Channel 33

BPTTL-830317LJ
Mountain TV Network, Inc.
Dillon, MT Channel 42

NOW IS THE TIME TO MODIFY

BPTTL-8011171D Box Trees Inc. Savannah, GA	Channel 45
BPTTL-810331QP James & Hope Smith Charleston, SC	Channel 52
BPTTL-850610LU State of Alaska Ninilchick, AK	Channel 39
BPTT-8010141B State Board of Education and Board of Regents of the University of Idaho Juliaetta, ID	Channel 64
BPTTL-830804JP Generic Television Nacogdoches, TX	Channel 63
BPTTL-83031219 Localvision/Harlan L. Jacobson DBA Yankton, SD	Channel 62
BPTTL-830831JC Crossroads Communications, Co. Liberal, KS	Channel 20
BPTT-8103191M Great Lake Communications, Inc. Meadville, PA	Channel 56
BPTVL-840308S9 White Corporation, Inc. Emporia, KS	Channel 2
BPTTL-8303145H Mountain TV Network, Inc. International Falls, MN	Channel 36
BPTTL-821112SL Telemedia, Inc. Poplar Bluff, MO	Channel 31

If you have a VHF permit in a town that is too large (over 10,000) to cover well, you may want to file for a UHF to repeat it. If the VHF is in the center of town, put a UHF repeater on a ridge (high point) and repeat (re-broadcast) back into town and the country side. If on the edge, put a good VHF in the middle. The VHF installation is hardly any more expensive than an STL. (studio to transmitter link) The repeater will be a couple grand cheaper than usual, because it uses no modulator (that is at the originating LPTV) and people on the cable who have their VHF terminals tied up can get a UHF antenna and get UHF without disconnecting the cable.

Now if you already have a UHF and a VHF is available, do it the other way around.

If you have a UHF that has (or will have when you build it) several areas in town that won't receive it well, file for another one to repeat it back from a different site. Again, the second one used as a repeater will be a couple K cheaper, because it needs no modulator. Remember 2-100 watters from two locations can be \$10 K to \$15 K cheaper than one-1kw and cover better when there are shadowed areas, etc.. You can add translator out a ways and with four or five out- 30-40 miles each direction, get the same coverage as a full service station, still at a fraction of the cost. You can set the outlying repeaters up later so they insert more local neighborhood commercials automatically.

Anyway - now is the time to do it - the channels may not be available later.

If you have a better tower site located and you haven't built your CP yet, remember, you can move it anywhere now, increase power, change antenna, direction, etc., during the window.



NEWS

FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET, N.W.
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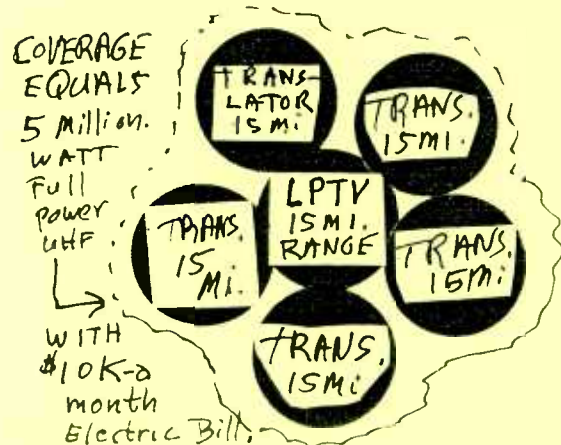
This is an unofficial announcement of Commission action. Release of the full text of a Commission order constitutes official action. See MCI - FCC 515 F 20 385 (O.C. Circ. 1973)

May 15, 1987

BROADCAST STATION TOTALS AS OF APRIL 30, 1987

The Commission has announced the following totals for broadcast stations licensed as of April 30, 1987:

AH Radio	4,878
FM Radio	3,959
FM Educational	1,265
UHF Commercial TV	467
VHF Commercial TV	543
UHF Educational TV	197
VHF Educational TV	113
UHF Low Power TV	162
VHF Low Power TV	247
<hr/>	
Total Radio	10,102
Total TV	1,729



Instructions for FCC 346
Application for Authority to Construct or Make Changes in a Low Power TV,
TV Translator, or FM Translator Station
(FCC Form 346 attached)

GENERAL INSTRUCTIONS

A. This FCC Form is to be used to apply for authority to construct a new translator or low power television broadcast station, or to make changes in the existing facilities of such station. It consists of the following Sections:

- I. GENERAL INFORMATION
- II. LEGAL QUALIFICATIONS
- III. FINANCIAL QUALIFICATIONS
- IV. PROGRAM SERVICE STATEMENT (LPTV Applicants Only)
- V. PREFERENCES
- VI. ENGINEERING DATA AND ANTENNA AND SITE INFORMATION
- VII. EQUAL EMPLOYMENT OPPORTUNITY PROGRAM (LPTV Applicants Only)
- VIII. CERTIFICATION

An applicant for a change in facilities need not file Sections, II, III, IV, VII and VIII. Section V should be filed by applicants for major changes in television translator and low power television stations.

B. Prepare and submit original and two copies of this form and all exhibits to:

The Secretary
Federal Communications Commission
Washington, D.C. 20554

C. Many references to FCC Rules are made in this application form. Before filling it out, the applicant should have on hand and be familiar with current broadcast rules in 47 Code of Federal Regulations (C.F.R.):

- (1) Part 0 "Commission Organization"
- (2) Part 1 "Practice and Procedure"
- (3) Part 17 "Construction, Marking, and Lighting of Antenna Structures"
- (4) Part 73 "Radio Broadcast Services"
- (5) Part 74 "Experimental, Auxiliary, and Special Broadcast and other Program Distributional Services"

FCC Rules may be purchased from the Government Printing Office, Washington, D.C. 20402. You may telephone the GPO Order desk at (202) 783-3238 for current prices.

D. Public Notice Requirement:

- (1) Section 73.3580 of the Commission's Rules requires that applicants for construction permits for new broadcast stations and major changes in existing facilities (as defined in Section 73.3572(a)(1) or 73.3573(a)(1) of the Rules) give local notice in a newspaper of general circulation in the community to which the station is licensed. This publication requirement also applies with respect to major amendments thereto as defined in Sections 73.3572(b) and 73.3573(b) of the Rules.
- (2) Completion of publication may occur within 30 days before or after tendering of the application. Compliance or intent to comply with the public notice requirement must be certified in Section VIII of this application. The information that must be contained in the notice of filing is described in Paragraph (g) of Section 73.3580 of the Rules. Proof of publication need not be filed with this application.

E. Replies to questions in this form and the applicant's statements constitute representations on which the FCC will rely in considering the application. Thus, time and care should be devoted to all replies, which should reflect accurately the applicant's responsible consideration of the questions asked. Include all information called for by this application. If any portions of the application are not applicable, so state. Defective or incomplete applications will be returned without consideration. Furthermore, inadvertently accepted applications are also subject to dismissal.

F. In accordance with Section 1.65 of the Rules, the applicant has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in the information furnished.

SECTION I INSTRUCTIONS

A. The name of the applicant stated in Section I shall be:

- (1) if a corporation, the EXACT corporate name;
- (2) if a partnership, the names of all partners, and the name under which the partnership does business;
- (3) if an association, the name of the individual(s) authorized to act on behalf of the association, and the name of the association;
- (4) if an individual applicant, the full legal name.

In all other sections of this form, the organization name alone will be sufficient for identification of the applicant.

B. In Section I use the following State abbreviations:

Alabama	AL	Kentucky	KY	Ohio	OH
Alaska	AK	Louisiana	LA	Oklahoma	OK
American Samoa	AS	Maine	ME	Oregon	OR
Arizona	AZ	Maryland	MD	Pennsylvania	PA
Arkansas	AR	Massachusetts	MA	Puerto Rico	PR
California	CA	Michigan	MI	Rhode Island	RI
Colorado	CO	Minnesota	MN	South Carolina	SC
Connecticut	CT	Mississippi	MS	South Dakota	SD
Delaware	DE	Missouri	MO	Tennessee	TN
District of Columbia	DC	Montana	MT	Texas	TX
Florida	FL	Nebraska	NE	Trust Territory of the Pacific	
Georgia	GA	Nevada	NV	Islands	TT
Guam	GU	New Hampshire	NH	Utah	UT
Hawaii	HI	New Jersey	NJ	Vermont	VT
Idaho	ID	New Mexico	NM	Virginia	VA
Illinois	IL	New York	NY	Virgin Islands	VI
Indiana	IN	North Carolina	NC	Washington	WA
Iowa	IA	North Dakota	ND	West Virginia	WV
Kansas	KS	Northern Mariana Islands	CM	Wisconsin	WI
				Wyoming	WY

SECTION II INSTRUCTIONS

A. **FILING LIMIT:** No more than five (5) applications for new low power TV or TV translator stations may be filed during a single window period by any applicant, or by any individual or entity having an interest of 1% or more in applications filed in the same window period. This limit does not apply to minor or major change applications.

B. As used in Section II, the words "party to this application" have the following meanings:

INDIVIDUAL APPLICANT: The applicant.

PARTNERSHIP APPLICANT: All partners, including limited partners having an interest of one percent or more in profits. If any partner is a corporation or other entity, the definitions set forth below will apply.

CORPORATE APPLICANT: All officers and directors, and all persons or entities who are the beneficial or record owners or have the right to vote any capital stock, membership or ownership interests of one percent or more, or subscribers to such interests, shall be considered parties to this application. If any corporation or other legal entity owns stock in the applicant, its officers, directors and persons or entities who are the beneficial or record owners or have the right to vote capital stock, membership or ownership interests of one percent or more, or subscribers to such interests, of that entity shall also be considered parties to this application.

ANY OTHER APPLICANT: All executive officers, members of the governing board, and owners or subscribers to membership or ownership interests of one percent or more in the applicant.

C. **MULTIPLE APPLICATIONS:** Multiple applications are defined as two or more LPTV or translator applications, filed by the same applicant, or by different applicants in which any party common to both applicants is an officer, director or has an interest of one percent or more, both of which, due to overlapping contours on the same or conflicting frequencies, cannot be granted simultaneously.

- D. All applicants must comply with Section 310 of the Communications Act of 1934, as amended. Specifically, Section 310 proscribes issuance of a construction permit to an alien, the representative of an alien, a foreign government or the representative thereof, or a corporation organized under the laws of a foreign government. This proscription also applies with respect to any corporation of which any officer or director is an alien or of which more than 20% of the capital stock is owned or voted by aliens, their representatives, a foreign government or its representative, or by a corporation organized under the laws of a foreign country. This proscription could likewise apply to any corporation directly or indirectly controlled by another corporation of which (a) any officer is, (b) more than 25% of the directors are, or (c) more than 25% of the capital stock is owned and voted by aliens, their representatives, a foreign government or its representative. The Commission may also deny a construction permit to a corporation controlled by another corporation organized under the laws of a foreign country.
- E. The applicant must determine the citizenship of each officer and director. It must also determine the citizenship of each shareholder or else explain how it determined the relevant percentages. For large corporations, a sample survey using a recognized statistical method is acceptable for this purpose.

SECTION III INSTRUCTIONS

- A. All applicants filing Form 346 must be financially qualified to effectuate their proposals. Certain applicants (i.e., for a new station, to reactivate a silent station, or if specifically requested by the Commission) must demonstrate their financial qualifications by filing Section III. DO NOT SUBMIT Section III if the application is for changes in operating or authorized facilities.
- B. An applicant for a new station must attest it has sufficient net liquid assets on hand, or committed sources of funds to construct the proposed facility and operate for three months, without revenue. As used in Section III, "net liquid assets" means the lesser amount of the net current assets or of the liquid assets shown on a party's balance sheet, with net current assets being the excess of current assets over current liabilities.
- C. Documentation supporting the attestation of financial qualification need not be submitted with this application but must be available to the Commission upon request. The Commission encourages that all financial statements used in the preparation of this application be prepared in accordance with generally accepted accounting principles.
- D. It is Commission policy not to grant extension of time for construction on the basis of financial inability or unwillingness to construct.

SECTION VII INSTRUCTIONS

- A. Applicants seeking authority to construct a new low power television (LPTV) broadcast station, applicants seeking authority to obtain assignment of the construction permit or license of such a station, and applicants seeking authority to acquire control of an entity holding such construction permit or license are required to afford equal employment opportunity to all qualified persons and to refrain from discriminating in employment and related benefits on the basis of race, color, religion, national origin or sex. See Section 73.2080 of the Commission's Rules. Pursuant to these requirements, an applicant who proposes to employ five or more full-time station employees must establish a program designed to assure equal employment opportunity for women and minority groups (that is, Blacks not of Hispanic origin, Asian or Pacific Islanders, American Indians or Alaskan Natives, and Hispanics). This is submitted to the Commission as the Model EEO Program Form. If minority group representation in the available labor force is less than five percent (in the aggregate), a program for minority group members is not required. However, a program must be filed for women since they comprise a significant percentage of virtually all area labor forces. If an applicant proposes to employ less than five full-time employees, no EEO program for women or minorities need be filed.
- B. Guidelines for developing an Equal Employment Opportunity program are set forth as a separate Model EEO Program.

Note: This five-point Model EEO Program Form is to be utilized only by applicants for new construction permits, assignees and transferees.

COMMISSION USE ONLY File No.

**APPLICATION FOR AUTHORITY TO CONSTRUCT OR MAKE CHANGES
IN A LOW POWER TV, TV TRANSLATOR OR FM TRANSLATOR STATION**
(Carefully read instructions before filling out form—RETURN ONLY FORM TO FCC)

Section 1 GENERAL INFORMATION

1. Name of Applicant

Street Address	City
_____	_____

State	ZIP Code	Telephone No. (include area code)
____	____	_____

2. This application is for: (check one box)

<input type="checkbox"/> FM Translator	<input type="checkbox"/> Low Power Television	<input type="checkbox"/> Low Power TV-Subscription TV (FCC approved technical system)	<input type="checkbox"/> TV Translator
--	---	--	--

(a) Channel No.	(b) Community of License	City	State
____	_____	_____	____

(c) Check the appropriate boxes below:

(1) New Station	<input type="checkbox"/>	*(2) Modification of Construction Permit (CP) (Check this box only if CP is not covered by an operating license)	<input type="checkbox"/>	CP File No.

(3) Change in licensed facilities		Call Letters
<input type="checkbox"/> (check Major or Minor)		_____
Major <input type="checkbox"/>	Minor <input type="checkbox"/>	Application Reference No.

** (4) Amendment of pending applications

Note: *If the proposed change is "minor" pursuant to Section 73.3572 of the Commission's Rules attach plots, comparing the existing and proposed protected signal contours as Exhibit No. ____

**For amendments to a previously filed application, submit only Section I and those portions of the form that contain the amended information.

3. (a) Is this application mutually exclusive with a renewal application?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(b) To the applicant's knowledge, is this application mutually exclusive with another application(s)? If the answer to question 3(a) or 3(b) is Yes, state the following information.	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Call letters or File No.	Community of License	City	State
(a) _____	_____	_____	____
(b) _____	_____	_____	____

GENERAL INFORMATION

YES NO

4. (a) Is translator applicant the licensee of primary station? YES NO

(b) If answer to 4(a) is No, has written authority been obtained from the licensee of the station whose programs are to be retransmitted? YES NO

5. Station Identification.

The Applicant certifies that it will comply with applicable station identification rules. See Sections 73.1201, 74.783 and 74.1283 of the Commission's Rules. YES NO

6. Is type approved broadcast equipment being specified? YES NO

If No, indicate date equipment was submitted to FCC Laboratory for approval.

7. Would a Commission grant of your application be a major action as defined by Section 1.1305 of the of the Commission's Rules? YES NO

If Yes, attach as Exhibit No. _____ the required statement in accordance with Section 1.1311 of the Commission's Rules.

If No, explain briefly.

8. If the application is for a new FM translator, have any funds, legal or engineering services or anything else of value been furnished, directly or indirectly, by the licensee, or permittee of any FM broadcast station or any person associated with such station? YES NO

If Yes, attach an explanation as Exhibit No. _____, identifying the source and nature of the financial support or assistance.

Section II

LEGAL QUALIFICATIONS

1. Applicant is (check one of the following):

(a) an individual

For LPTV and TV translator applicants only, if the applicant is an individual, submit as Exhibit No. _____ the applicant's name, address, home and business telephone numbers (including area code) and the applicant's individual interest.

(b) a general partnership or a limited partnership

For LPTV and TV translator applicants only, if the applicant is a partnership, whether general or limited, submit as Exhibit No. _____ the names, addresses, home and business telephone numbers (including area code) of all general and limited partners (including silent partners), and the nature and percentage of the ownership interest of each partner.

(c) a corporation or an unincorporated association

For LPTV and TV translator applicants only, if the applicant is a corporation or an unincorporated association, submit as Exhibit No. _____ the names, addresses, home and business telephone numbers (including area code) of all officers, directors, and other members of the governing board of the corporation or association and the nature and the percentage of their ownership interests in the applicant (including stockholders with interests of 1% or greater).

(d) other

If the applicant is a legal entity other than an individual, partnership, corporation or unincorporated association, describe in Exhibit No. _____ the nature of the applicant.

2. For LPTV and TV translator applicants for new stations only, submit as Exhibit No. _____ a list of all other new applications filed during the same window period as this application in which the applicant or any principal of the applicant has any interest. Include the percentage of that interest for each listed application, as well as the other applicant's name (if different) and the channel number and location of the proposed station.

Note: No more than five (5) applications for new low power TV or TV translator stations may be filed during a single window period by any applicant, or by any individual or entity having an interest of 1% or more in applications filed in the same window period. This limit does not apply to minor or major change applications.

CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS

3. (a) Is the applicant in compliance with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments? YES NO

(b) Will any funds, credit, etc., for the construction, purchase or operation of the station(s) be provided by aliens, foreign entities, domestic entities controlled by aliens, or other agents?

If yes, provide particulars as Exhibit No. _____.

4. (a) Has an adverse finding been made, adverse final action taken or consent decree approved by any court or administrative body as to the applicant or any party to the application in any civil or criminal proceeding brought under the provisions of any law related to the following: any felony, antitrust, unfair competition, fraud, unfair labor practices or discrimination?

(b) Is there now pending in any court or administrative body any proceeding involving any of the matters referred to in 4(a)?

If the answer to 4(a) or 4(b) is Yes, attach as Exhibit No. _____, a full disclosure concerning the persons and matters involved, identifying the court or administrative body and the proceeding (by dates and file numbers), stating the facts upon which the proceeding was based or the nature of the offense committed, and disposition or current status of the matter.

LEGAL QUALIFICATIONS

- | | YES | NO |
|---|--------------------------|--------------------------|
| 5. Has the applicant or any party to this application had any interest in: | | |
| (a) an application which has been dismissed with prejudice by the Commission? | <input type="checkbox"/> | <input type="checkbox"/> |
| (b) an application which has been denied by the Commission? | <input type="checkbox"/> | <input type="checkbox"/> |
| (c) a broadcast station, the license for which has been revoked? | <input type="checkbox"/> | <input type="checkbox"/> |
| (d) an application in any Commission proceeding which left unresolved character issues against the applicant? | <input type="checkbox"/> | <input type="checkbox"/> |

If the answer to any of the questions in 5 is yes, state in Exhibit No. _____ the following:

- (i) Name, address and percentage of ownership in applicant;
- (ii) Nature of interest or connection, giving dates;
- (iii) Call letters of stations or file number of application or docket number;
- (iv) Location.

MULTIPLE APPLICATIONS

- | | YES | NO |
|--|--------------------------|--------------------------|
| 6. The applicant certifies that there is no other application pending that would be directly mutually exclusive with this application in which this applicant has an interest of one percent or more or in which any party to this application is an officer, director, or has an interest of one percent or more, direct or indirect. | <input type="checkbox"/> | <input type="checkbox"/> |

If No, this application cannot be accepted for filing.

REAL PARTY IN INTEREST CERTIFICATION

- | | | |
|---|--------------------------|--------------------------|
| 7. The applicant certifies that no agreement, either explicit or implicit, has been entered into for the purposes of transferring or assigning to another party, any station construction permit or license or interest therein that is awarded as a result of a random selection or lottery. | <input type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|

If No, this application cannot be accepted for filing.

SITE CERTIFICATION

- | | | |
|--|--------------------------|--------------------------|
| 8. The applicant certifies that it has contacted an authorized spokesperson for the owner of the rights to the proposed transmitter site and has obtained reasonable assurance that the site will be available for its use if this application is granted. | <input type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|--------------------------|

That person is _____ who can be contacted at the following address and telephone number.

Mailing Address or Identification

City

State

ZIP Code

Telephone No. (include area code)

Section III

FINANCIAL QUALIFICATIONS
(FM Translator Applicants only)

Note: If this application is for a change in an operating facility, DO NOT fill out this section.

YES NO

- 1. The applicant certifies that sufficient net liquid assets are on hand or are available from committed sources to construct and operate the requested facilities for three months without revenue.

- 2. The applicant certifies that: (a) it has a reasonable assurance of a present firm intention for each agreement to furnish capital or purchase capital stock by parties to the application, each loan by banks, financial institutions or others and each purchase of equipment on credit; (b) it can and will meet all contractual requirements as to the collateral, guarantees, and capital investment; (c) it has determined that a reasonable assurance exists that all such (excluding banks, financial institutions and equipment manufacturers) have sufficient net liquid assets to meet these commitments.

Section IV

PROGRAM SERVICE STATEMENT

Note: For Low Power Television *(including subscription television applicants)* only:

- 1. Low Power Television stations must offer a broadcast program service; a non-program broadcast service will not be permitted. Therefore, attach as Exhibit No. ____ , a brief description, in narrative form, of your planned programming service.

Important: Read the following material carefully before answering the questions.

1. Applicants for FM translator stations should not complete this section.
2. All applicants for construction permits for new television translator stations and low power television stations, or for major changes in existing stations, must complete this section. Although a very few applications for television translator or low power television stations are grantable as filed, almost all pending proposals would create objectionable interference to other nearby proposals if all were granted. Such applications are considered mutually exclusive because only one can be granted. The winner from among mutually exclusive applicants will be selected by a lottery. In conducting a lottery, the law requires that certain preferences be awarded to encourage diversity in the ownership of mass communications media and minority ownership. An applicant with preferences will have a greater probability of winning the lottery than an applicant lacking them. Preferences will be computed by the Commission, in the manner described in Section 1.1623 of the Commission's Rules.
3. It is essential that information about preferences be completely accurate so that the purposes of the law can be carried out and the lottery conducted fairly. You should, therefore, read very carefully the definitions set out below before answering the questions. **WINNING APPLICANTS PROVED TO HAVE MADE MISREPRESENTATIONS TO THE COMMISSION TO IMPROVE THEIR CHANCES IN THE LOTTERY WILL BE DISQUALIFIED FROM HOLDING THAT AUTHORIZATION AND MAY ALSO JEOPARDIZE OTHER PENDING APPLICATIONS.**

Minority Preference

1. "Minority" means a person who is a member of one of the following groups: Blacks, Hispanics, American Indians, Alaska Natives, Asians and Pacific Islanders. No other groups are recognized for the purposes of the lottery.
2. If the applicant is a sole proprietor, a preference will be awarded if the applicant is a minority.
3. Other entities will be entitled to a minority preference as follows:
 - a. Partnerships. If a majority of the partnership (computed on the basis of profits) is in the hands of a minority, the applicant is entitled to a preference. Note that limited or "silent" partners are to be included in determining whether a preference may be claimed. Thus, in a five-person limited partnership in which each partner is entitled to 20 percent of the profits, the partnership is eligible for a minority preference if any three partners (including three limited partners) are minorities.
 - b. Trusts. If a majority of the beneficial interests are held by minorities, the trust is entitled to a minority preference. The characteristics of trustee are not considered.
 - c. Unincorporated associations or nonstock corporations with members. If a majority of the members are minorities, the entity is entitled to a minority preference.
 - d. Unincorporated associations or nonstock corporations without members. If a majority of the governing board (including executive boards, boards of regents, commissions and similar governmental bodies where each board member has one vote) are minorities, the entity is entitled to a minority preference.
 - e. Stock corporations. If a majority of the voting shares are held by minorities, the corporation is entitled to a minority preference.
 - f. Where one form of entity owns an interest in a different form (e.g., a corporation owns 20 percent of a partnership) the interest owned, in its entirety, follows the characteristics of the owner. Thus, in the example, if 51 percent of the corporation's stock is voted by minorities, its entire 20 percent interest in the partnership would be considered as minority controlled when determining whether the partnership is eligible for a minority preference.

Diversification Preferences

1. In general terms, a preference will be given to an applicant if it and/or its owners have no recognizable interest (more than 50 percent) in the aggregate, in any other media of mass communications. A smaller preference will be given to an applicant if it and/or its owners, in the aggregate, have a recognizable interest in no more than three mass media facilities. No preference is given, however, if any one of the commonly owned mass media outlets serves the same area as the proposed low power television or television translator station, or if the applicant and/or its owners have more than three mass media facilities. The material that follows will set out in more detail the meaning of "own," "owner," "media of mass communications," and "serves the same area."
2. If an applicant and/or its owners, in the aggregate, do not own any other media of mass communications, the applicant is entitled to a preference. "Own" in this context means more than 50 percent ownership.
3. "Owner" means: the applicant, in the case of a sole proprietor; partner, including limited or "silent" partners, in the case of a partnership; the beneficiaries, in the case of a trust; any member, in the case of a nonstock corporation or unincorporated association with members; any member of the governing board (including executive boards, boards of regents, commissions, or similar governmental bodies where each member has one vote), in the case of nonstock corporation or unincorporated association without members; and owners of voting shares, in the case of stock corporations. For the purposes of the diversification preference, holders of less than one percent of any of the above interests will not be considered.
4. A medium of mass communications means:
 - a. a daily newspaper; and a license or construction permit for:
 - (1) a television station, including low power and television translator station;
 - (2) an AM or FM radio broadcast station;
 - (3) a direct broadcast satellite transponder; and
 - (4) a cable television system.
5. The diversity preference is not available to applicants that control, or whose owners control, in the aggregate, more than 50 percent of other media of mass communications in the same area. The facilities will be considered in the "same area" if the following defined areas wholly encompass or are encompassed by the protected, predicted contour of the proposed low power television or television translator station [See Section 74.707(a)]:
 - a. AM broadcast station—predicted or measured 2 mV/m groundwave contour (see Sections 73.183 or 73.186);
 - b. FM broadcast stations—predicted 1.0 mV/m contour (see Section 73.313);
 - c. Television broadcast station—Grade A contour (see Section 73.684); and
 - d. Low power television or television translator station—the predicted, protected contour [See Section 73.707(a)];
 - e. Cable television system—the franchised community of a cable system.
 - f. Daily newspaper—community of publication.
6. No diversity preference is available to an applicant whose proposed transmitter site is located within the franchise area of a cable system controlled (owned more than 50 percent) by the applicant and/or its owners. No diversity preference is available to an applicant whose proposed transmitter site is located within the community of publication of a daily newspaper controlled (owned more than 50 percent) by the applicant and/or its owners
7. If a low power television or television translator applicant, and/or the owners of the applicant, control no more than three other mass media facilities, none of which serve the same area as the proposed station, the applicant will be entitled to a smaller preference than an applicant with no other media facilities.

REMINDER: Do not complete the following without reading carefully the definitions and other information set out in the foregoing pages.

CERTIFICATION OF PREFERENCES

Minority

- YES NO
1. The applicant certifies that it is entitled to and seeks to claim minority preference.
 If Yes, complete the following:

<u>Name</u>	<u>Address</u>	<u>Percentage interest in the applicant</u>	<u>Minority Group</u>
-------------	----------------	---	-----------------------

Diversification Preference

- YES NO
2. The applicant certifies that it and/or its owners have no interest, in the aggregate, exceeding 50 percent in any media of mass communications.
 If Yes, DO NOT respond to questions 3 and 4.
3. The applicant certifies that it and/or its owners have no interest, in the aggregate, exceeding 50 percent in more than three mass communications media facilities.
4. The applicant certifies that it and/or its owners have no interest, in the aggregate, exceeding 50 percent in a media of mass communications in the same area to be served by the proposed low power television or television translator station.

1. Facilities requested:

a. Output Channel No. _____ Transmitter Rated Power Output _____ W Proposed Principal Community(ies) to be served _____ City _____ State _____

Frequency _____ MHz.

Primary station (station to be rebroadcast — Translator station only)

Call Sign _____ City _____ State _____ Frequency _____ MHz.

b. Offset (Low Power TV and TV Translator Stations only)
(Check one of the following)
 No offset Zero offset Plus offset Minus offset

c. Input Channel Frequency No. _____ MHz.

If station is to operate via another translator station, indicate call sign and location of final intermediate translator.

2. Proposed transmitter location:

City _____ State _____

County _____

Address or other description of location: _____

Geographical coordinates of transmitting antenna to nearest second
 North Latitude _____ West Longitude _____

Attach as Exhibit No. _____ a map or maps (preferably topographic, if obtainable, such as Geological Survey quadrangles) for of the area of the proposed transmitter location shown drawn thereon the following data:

- a. Scale of miles.
- b. Proposed transmitter location accurately plotted.
- c. Principal community to be served by the proposed station, clearly identified and labeled.

3. Transmitter:	Make	Type No.	Length	Output Power kw.
4. Transmission line:				Rated efficiency E for length given (decimal fraction)
5. Transmitting antenna <input type="checkbox"/> Directional <input type="checkbox"/> Non-Directional				
Manufacturer		Model ¹		Description ¹
Orientation ²	Height above ground ³	Elevation of Site ⁴	Power gain G (multiplier) in lobe of maximum radiation relative to a halfway dipole. ⁵	
Effective radiated power (ERP) (ERP=P X E X G) _____ kw.			Height of antenna radiation center above mean sea level _____ ft.	

¹Give basic type using general descriptive terms such as half-wave dipole, "bow-tie" with screen, corner reflector, 10 element Yagi, 4 element in-phase array, two stacked 5 element Yagis, etc.
²Show the direction of the main radiation lobe in degrees with respect to true north in a 360 degree horizontal azimuth, numbered clockwise, with true north as zero azimuth.
³Show height to topmost portion of structure, including highest top mounted antenna and beacon if any.
⁴Show the ground elevation above mean sea level at the base of the transmitting antenna supporting structure.
⁵Give the actual power gain toward the radio horizon.

6. Attach as Exhibit No. _____ a vertical plan sketch for the proposed total structure(s) including supporting structure(s), giving height of center of radiation above ground, overall height of structure above ground, including lighting beacon (if any) and height above mean sea level in feet for all significant features for BOTH RECEIVING AND TRANSMITTING ANTENNAS. Also indicate any horizontal separation between receiving and transmitting antennas.

7. Will the proposed antenna supporting structure be shared with another station or stations of any class?

If Yes, list the call signs and class of such stations.

YES NO

8. Attach as Exhibit No. _____ a polar diagram of the radiation pattern (relative field) of the transmitting antenna showing clearly the correct relationship between the major lobe or lobes and the minor lobes of radiation and a tabulation of the pattern at every ten degrees and all maxima and minima. Applicants proposing use of multiple transmitting antennas shall submit a composite radiation pattern. If a non directional transmitting antenna will be employed, i.e. an antenna with an approximately circular radiation pattern, check here and omit polar diagram.

9. Has FAA been notified of proposed construction?

YES NO

If Yes, give date and office where notice was filed.

10. Unattended operation:

a. Is unattended operation proposed?

YES NO

If Yes, and this application is for authority to construct a new station or to make changes in the facilities of an authorized station which proposes unattended operation for the first time, applicant will comply with the several requirements of Section 74.734 (TV Translators) or Section 74.1234 (FM Translators) of the Rules concerning unattended operation.

b. In space below state name, address and telephone number of a person or persons who may be contacted in an emergency to suspend operation of the translator should such action be deemed necessary by the Commission.

Name	Address (street or other description)	City	State	Telephone No. (include area code)
------	---------------------------------------	------	-------	--------------------------------------

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Signature (Print name below)

Date

Telephone No. (include area code)

Technical Director

Registered Professional Engineer

Consulting Engineer

Chief Operator

Other (specify)

Section VII

Equal Employment Opportunity Program

Does the applicant propose to employ five or more fulltime employees?

YES NO

If the answer is Yes, the applicant must include an EEO program called for in the separate 5 Point Model EEO Program.

Section VIII

Certification

Has or will the applicant comply with the public notice requirement of Section 73.3580 of the Commission's Rules?

YES NO

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with Section 1.65 of the Commission's Rules, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.
U.S. CODE, TITLE 18, Section 1001.**

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this _____ day of _____, 19 _____.

Name of Applicant

Signature

Title

**FCC NOTICE TO INDIVIDUALS REQUIRED BY PRIVACY ACT
AND THE PAPERWORK REDUCTION ACT**

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and application examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information requested is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested Authority.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3) AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

MODEL EEO PROGRAM

1. Name of Applicant	Street Address		
City	State	ZIP Code	Telephone No. <i>(Include Area Code)</i>

2. This form is being submitted in conjunction with:

- Application for Construction Permit for new Station
- Application for Assignment of License

Application for Transfer of Control

(a) Call letters (or channel number or frequency)

(b) Community of License

City

State

INSTRUCTIONS

Applicants seeking authority to construct a new low power television broadcast station, applicants seeking authority to obtain assignment of the construction permit or license of such a station, and applicants seeking authority to acquire control of an entity holding such construction permit or license are required to afford equal employment opportunity to all qualified persons and to refrain from discriminating in employment and related benefits on the basis of race, color, religion, national origin or sex. See Section 73.2080 of the Commission's Rules. Pursuant to these requirements, an applicant who proposes to employ five or more fulltime station employees must establish a program designed to assure equal employment opportunity for women and minority groups (that is, Blacks not of Hispanic origin, Asians or Pacific Islanders, American Indians or Alaskan Natives and Hispanics). This is submitted to the Commission as the Model EEO Program. If minority group representation in the available labor force is less than five percent (*in the aggregate*), a program for minority group members is not required. In such cases, a statement so indicating must be set forth in the EEO model program. However, a program must be filed for women since they comprise a significant percentage of virtually all area labor forces. If an applicant proposes to employ less than five fulltime employees, no EEO program for women or minorities need be filed.

Guidelines for a Model EEO Program and a Model EEO Program are attached.

NOTE: Check appropriate box, sign the certification below and return to FCC:

Station will employ less than 5 fulltime employees; therefore no written program is being submitted.

Station will employ 5 or more fulltime employees. Our 5 point program is attached.

CERTIFICATION

I certify that the statements made herein are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this _____ day of _____, 19 _____

Signature

Title

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT
U.S. CODE, TITLE 18, SECTION 1001.**

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and application examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information requested is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain this Authority.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

GUIDELINES TO THE MODEL EEO PROGRAM

The model EEO program adopted by the Commission for construction permit applicants, assignees and transferees contains five sections designed to assist the applicant in establishing an effective EEO program for its station. The specific elements which should be addressed are as follows:

I. General Policy

The first section of the program should contain a statement by the applicant that it will afford equal employment opportunity in all personnel actions without regard to race, color, religion, national origin or sex, and that it has adopted an EEO program which is designed to fully utilize the skills of minorities and women in the relevant available labor force.

II. Responsibility for Implementation

This section calls for the name (if known) and title of the official who will be designated by the applicant to have responsibility for implementing the station's program.

III. Policy Dissemination

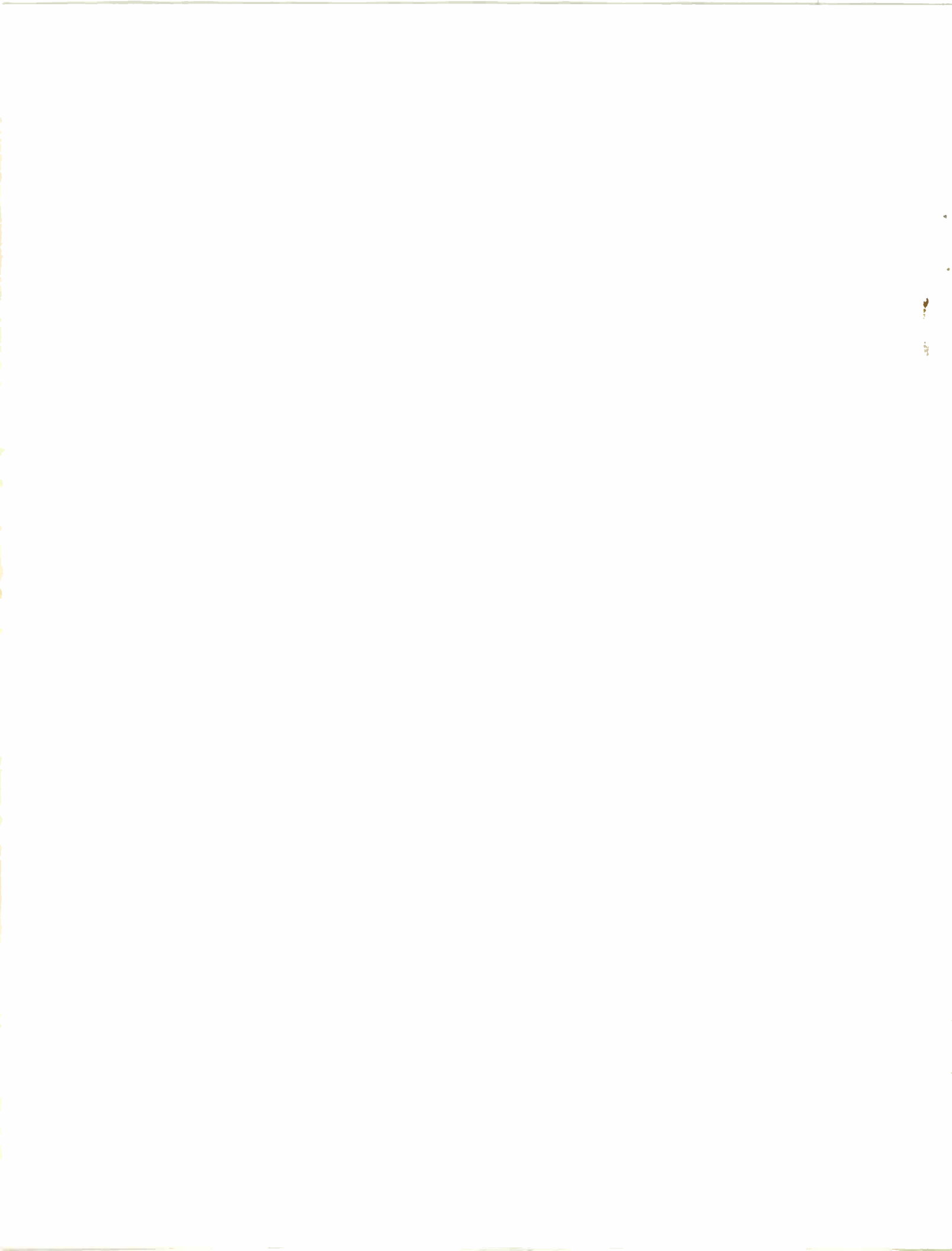
The purpose of this section is to disclose the manner in which the station's EEO policy will be communicated to employees and prospective employees. The applicant's program should indicate whether it: (a) intends to utilize an employment application form which contains a notice informing job applicants that discrimination is prohibited and that persons who believe that they have been discriminated against may notify appropriate governmental agencies; (b) will post a notice which informs job applicants and employees that the applicant is an equal opportunity employer and that they may notify appropriate government authorities if they believe that they have been discriminated against; and (c) will seek the cooperation of labor unions, if represented at the station, in the implementation of its EEO program and in the inclusion of nondiscrimination provisions in union contracts. The applicant should also set forth any other methods it proposes to utilize in conveying its EEO policy (e.g., orientation materials, on-air announcements, station newsletter) to employees and prospective employees.

VI. Recruitment

The applicant should specify the recruitment sources and other techniques it proposes to use to attract minority and female job applicants. Not all of the categories of recruitment sources need be utilized. The purpose of the listing is to assist the applicant in developing specialized referral sources to establish a pool of minorities and women who can be contacted as job opportunities occur. Sources which subsequently prove to be nonproductive should not be relied on and new sources should be sought.

V. Training

Training programs are not mandatory. Each applicant is expected to decide, depending upon its own individual situation, whether a training program is feasible and would assist it in its effort to increase the pool of available minority and female applicants. Additionally, the applicant may set forth any other assistance it proposes to give to students, schools or colleges which is designed to be of benefit to minorities and women interested in entering the broadcasting field. The beneficiary of such assistance should be listed, as well as the form of assistance, such as contributions to scholarships, participation in work study programs, and the like.



MODEL EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

I. General Policy

It will be our policy to provide equal employment to all qualified individuals without regard to their race, color, religion, national origin or sex in all personnel actions including recruitment, evaluation, selection, promotion, compensation, training and termination.

It will also be our policy to promote the realization of equal employment opportunity through a positive, continuing program of specific practices designed to ensure the full realization of equal employment opportunity without regard to race, color, religion, national origin or sex.

To make this policy effective, and to ensure conformance with the Rules and Regulations of the Federal Communications Commission, we have adopted an Equal Employment Opportunity Program which includes the following elements:

II. Responsibility for Implementation

(Name/Title) _____, will be responsible for the administration and implementation of our Equal Employment Opportunity Program. It will also be the responsibility of all persons making employment decisions with respect to recruitment, evaluation, selection, promotion, compensation, training and termination of employees to ensure that our policy and program is adhered to and that no person is discriminated against in employment because of race, color, religion, national origin or sex.

III. Policy Dissemination

To assure that all members of the staff are cognizant of our equal employment opportunity policy and their individual responsibilities in carrying out this policy, the following communication efforts will be made:

The station's employment application form will contain a notice informing prospective employees that discrimination because of race, color, religion, national origin or sex is prohibited and that they may notify the appropriate local, State or Federal agency if they believe they have been the victims of discrimination.

Appropriate notices will be posted informing applicants and employees that the station is an Equal Opportunity Employer and of their right to notify an appropriate local, State, or Federal agency if they believe they have been the victims of discrimination.

We will seek the cooperation of unions, if represented at the station, to help implement our EEO program and all union contracts will contain a nondiscrimination clause.

Other (*specify*)

IV. Recruitment

To ensure nondiscrimination in relation to minorities and women, and to foster their full consideration in filling job vacancies, we propose to utilize the following recruitment procedures:

We will attempt to maintain systematic communication, both orally and in writing, with a variety of minority and women's organizations to encourage the referral of qualified minority and female applicants. Examples of organizations we intend to contact are:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

In addition to the organizations noted above, which specialize in minority and female candidates, we will deal only with employment services, including State employment agencies, which refer job candidates without regard to their race, color, religion, national origin or sex. Examples of these employment referral services are:

MODEL EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

() When we recruit prospective employees from educational institutions, such recruitment efforts will include area schools and colleges with significant minority and female enrollments. Educational institutions to be contacted for recruitment purposes are:

() When utilizing media for recruitment purposes, help-wanted advertisements will always include a notice that we are an Equal Opportunity Employer and will contain no indication, either explicit or implied, of a preference for one sex over another.

() When we place employment advertisements in printed media some of such advertisements will be placed in media which have significant circulation or are of particular interest to minorities and women. Examples of publications to be utilized are:

() We will encourage employees, particularly minority and female employees, to refer minority and female candidates for existing and future job openings.

V. Training

() Station resources and/or needs will be such that we will be unable or do not choose to institute specific programs for upgrading the skills of employees

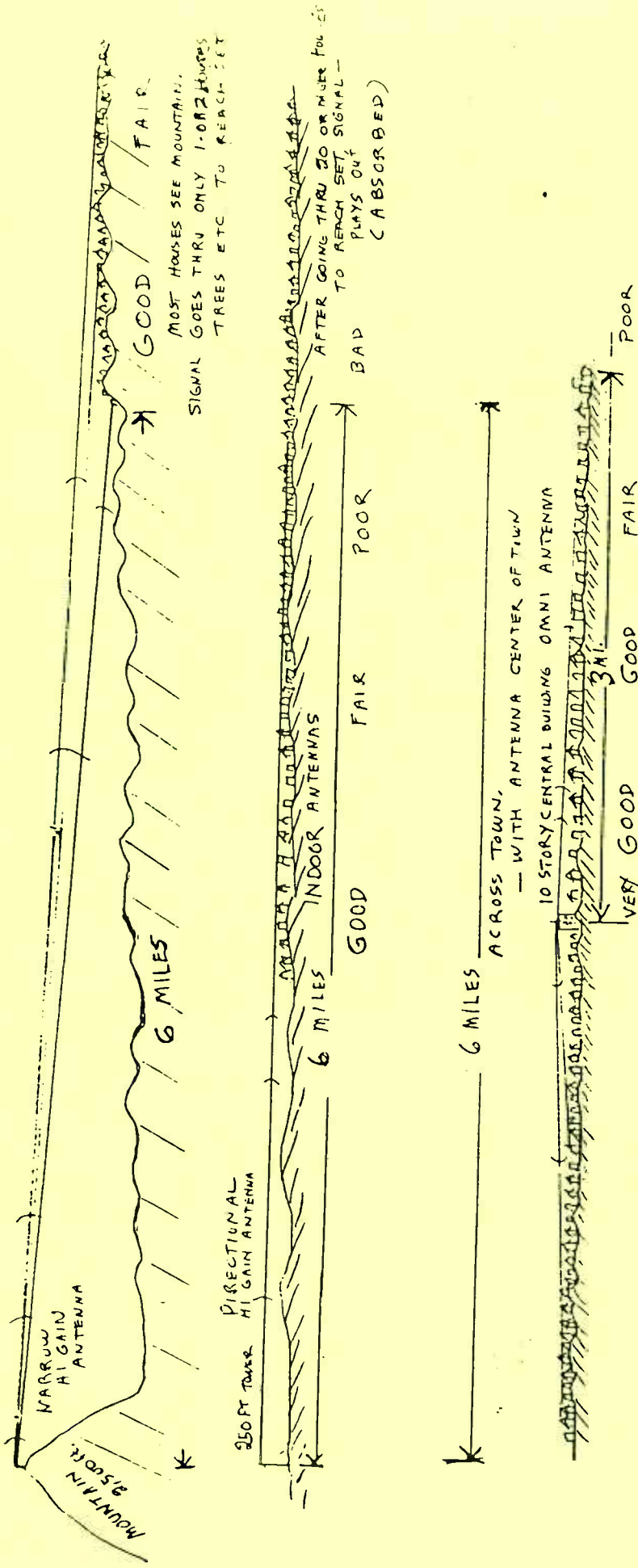
() We will provide on-the-job training to upgrade the skills of employees.

() We will provide assistance to students, schools or colleges in programs designed to enable minorities and women to compete in the broadcast employment market on an equitable basis:

School or Other Beneficiary

Proposed Form of Assistance

() Other (*specify*)



RECEPTION GRADE REFERS TO USE OF INDOOR ANTENNA, GOOD OUT DOOR ANTENNA EXTENDS 15 MILES



SPECIAL
Computerized
Channel Searches
Low & Full Power
\$49.95
Complete

Phone Orders. Call
 (602) 945-6746



Our cover photo is a TIC 1 kw transmitter recently installed by your editor in Paducah, Kentucky. The Satellite receiver above background is a 12 ft. mesh and does a pretty good job on Tempo (F3-TR6), which is difficult to receive in most eastern areas. The receiver is an outmoded Sierra II by Chaparral. Before buying one, give me a call, they have a factory mod needed, which I'll tell you about next issue. The Sierra II is on the cover photo, top right.

Don't
miss
an
issue...

SUBSCRIBE TODAY

Check for \$50 enclosed. Bill me.

For a one year subscription, send to:

LO-POWER TELEVISION

7432 E. Diamond, Scottsdale, AZ 85257

Name: _____

Address: _____

City, State, Zip: _____

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET N.W.
WASHINGTON, D.C. 20554

News media information 202/254-7674. Recorded listing of releases and texts 202/632-0002.

Released: May 18, 1987

NOTICE OF LOW POWER TELEVISION/TELEVISION TRANSLATOR FILING WINDOW FROM JUNE 22, 1987 THROUGH JULY 2, 1987

Commencing on June 22, 1987, and continuing to and including July 2, 1987, the Commission will permit the filing of applications for new construction permits and for major changes in existing facilities for low power television and television translator stations at the below specified locations only. Applications filed before June 22nd will not be accepted.

No more than five (5) applications for new low power television or television translator stations may be tendered for filing by any applicant, or by any individual or entity having an interest of one percent (1%) or greater in any applicant(s) filing in the June 22nd -- July 2nd, 1987 window. This restriction does not apply to major change applications.

All applications must be "complete and sufficient" when tendered for filing, in accordance with Section 73.3564 of the Commission's rules. As noted below, a fee of \$375.00 must accompany each application. Further, applicants filing during this window period **MUST** use the May 1987 edition of FCC Form 346. See 52 Fed. Reg. 15764 (April 30, 1987). All applications filed on obsolete editions will be returned as defective and unacceptable for filing. FCC Form 346 can be obtained from the FCC's Operations Support Division, Services and Supply Branch, Room B-10, 1919 M Street, N.W., Washington, D.C. 20554, telephone number (202) 632-7272.

To accommodate the cash management procedures established by the Deficit Reduction Act of 1984, the Commission will utilize in this window application filing process the facilities of a Treasury Department lockbox bank. Window application filings can be made, either by mail or by person, at the following locations ONLY:

If mailed -- Federal Communications Commission
Low Power Television Window Filing
P.O. Box 371995M
Pittsburgh, PA 15250-7995

If hand-delivered -- Federal Communications Commission
Low Power Television Window Filing
Foster Plaza Building #4
501 Holiday (Inn) Drive
Pittsburgh, PA 15220

Hand-carried or couriered applications can be delivered daily at the above location during normal business hours (8:30 a.m. to 5:00 p.m.). Detailed instructions to get to this location are included in this Public Notice as Attachment I. Submissions tendered after close of business (5:00 p.m.) on Thursday, July 2, 1987, will not be accepted. Mailed applications must be actually received no later than July 2nd. Window application filings WILL NOT be accepted at the offices of the Federal Communications Commission in Washington, D.C.

An original and two copies of the application and all required exhibits must be filed. To facilitate the initial processing of these applications, all applicants are requested to enclose in a single envelope the original and duplicate copies of the application, with each duplicate copy clearly denoted as such by the applicant. Where more than one new station or major change application is being filed, separate envelopes enclosing the individual application (*i. e.*, an original and two copies) can be mailed in a single package. Receipts or "return copy" applications cannot be furnished by the lockbox bank facility for mailed window application filings. However, for hand-carried or couriered applications delivered to the Foster Plaza Building #4 location, bank personnel, if requested in person, will date stamp as received a proffered copy of the application and return it to the requestor.

Generally, applicants seeking to construct a new low power television or television translator station or to make a major change in the facilities of an existing low power television or television translator station are required to pay a filing fee. A separate fee payment of \$375.00, attached to each original application, must be submitted for each new station or major change application filed during this window; a single fee payment for multiple applications will not be accepted. Payment of the required fee can be made by check, bank draft or money order payable to the Federal Communications Commission.

Applications submitted with insufficient payments or without any payments will be dismissed and returned, along with the insufficient payment, to the applicant without processing. See Section 1.1107 of the Commission's rules. Following the fee review process, applications that are found to be patently defective, not "complete and sufficient," filed on an obsolete edition of FCC Form 346, or received by mail prior to the opening or after the closing of the filing window will be rejected and returned to the applicant. A refund of the application filing fee will not be made in these instances. See Sections 1.1106 and 1.1111 of the Commission's rules.

Governmental entities are exempt from the \$375.00 filing fee. As defined by Section 1.1112(f) of the Commission's rules, governmental entities include "any possession, state, city, county, town, village, municipal corporation or similar political organization or subpart thereof controlled by publicly elected and/or duly appointed public officials exercising sovereign direction and control over their respective communities or programs." Also exempted from this fee are noncommercial educational FM and full service television broadcast station licensees seeking to make major changes in the facilities of their existing low power television or television translator stations or to construct new low power television or television translator stations, provided those stations operate or will be operated on a noncommercial educational basis. Exempt applicants MUST file a certification with their applications, briefly describing the nature of their claimed exemption. To aid the fee review process, such certifications should be clearly identified, preferably in a transmittal letter or on the first page of the application. See Section 1.1112 of the Commission's rules.

For further information concerning the filing window, contact Keith A. Larson or Molly Fitzgerald, Low Power Television Branch, Mass Media Bureau at telephone number (202) 632-3894.

- FCC -

Attachment



FCC Data Files
on Tape and Microfiche!

LO-POWER COMMUNITY TELEVISION
PUBLISHING CO.
7432 E. DIAMOND SCOTTSDALE, AZ 85267
PHONE ORDERS 602-945-6746

Microfiche

Full service TV stations, including applications. Filed by state, city and channel....\$10.00 Includes coordinates and all necessary data.

LOW POWER AND TRANSLATORS MICROFICHE
Includes applications and licensed. Coordinates, power, Etc. Included
Filed by State, City and Channel....\$10.00
Filed by State, Channel and City. \$10.00
FCC Updated monthly. Each Category includes the equivalent of about 500 pages of 8 and 1/2 X11.

Microfiche readers are available at most libraries. Used machines available for \$100. up.
If you would prefer paper copies off the microfiche, we can print any city or state area for \$5. first page and 50¢ a page there after. Phone orders accepted. orders shipped same day

★ YOUR SATISFACTION GUARANTEED ★

● **COMPUTER MAGNETIC TAPE, Data Base...**
Includes full service TV stations, applications. etc. as well as LPTV and Translators. ..\$300.00 Postpaid.
Updated monthly, available on one time order or monthly.

● **MICROFICHE FCC television data base**

Attachment I

Directions to
FEDERAL COMMUNICATIONS COMMISSION
Low Power Television Window Filing Location
June 22, 1987 -- July 2, 1987

The courier delivery (over the counter) service for the Federal Communications Commission's Low Power Television Window Filing will be available from 8:30 a.m. to 5:00 p.m. Monday, June 22nd, through Thursday, July 2nd, 1987, at the following address:

FEDERAL COMMUNICATIONS COMMISSION
Low Power Television Window Filing
Foster Plaza Building #4
501 Holiday (Inn) Drive
Pittsburgh, PA 15220

From the Greater Pittsburgh International Airport,

- o Proceed east on the Parkway (Interstate 376)
- o Take the "Route 121 - Green Tree/Mt. Lebanon" exit, Exit 4
- o Stay in the left lane of the exit ramp and turn left, at the traffic light, onto Greentree Road
- o At the following traffic light, turn left onto Mansfield Road (Follow the signs for Holiday (Inn) Drive.)
- o Proceed down the hill and continue straight through the next intersection (traffic light)
- o Continue down the hill to the next traffic light (This will be the Holiday (Inn) Drive intersection.)
- o Turn right onto Holiday (Inn) Drive and proceed up the hill (A Holiday Inn will be on the left.)
- o Enter the fifth (5th) drive on the right for the Foster Plaza Building #4 (D-B sign is on its roof.) There will be a Mellon Bank 24 Hour Banking Machine sign at the drive entrance. Parking lots surround the building.
- o Enter the front of the building and follow the signs to the designated area

From downtown Pittsburgh,

- o Proceed west on the Parkway (Interstate 376) through the Fort Pitt Tunnels
- o Take the "Green Tree/Crafton" exit, Exit 4
- o Stay in the left lane of the exit ramp (overhead signs marked "Crafton")
- o At the stop sign at the end of the ramp, turn left onto Mansfield Road
- o Proceed down the hill and continue straight through the next intersection (traffic light)
- o Continue down the hill to the next traffic light (This will be the Holiday (Inn) Drive intersection.)
- o Turn right onto Holiday (Inn) Drive and proceed up the hill (A Holiday Inn will be on the left.)
- o Enter the fifth (5th) drive on the right for the Foster Plaza Building #4 (D-B sign is on its roof.) There will be a Mellon Bank 24 Hour Banking Machine sign at the drive entrance. Parking lots surround the building.
- o Enter the front of the building and follow the signs to the designated area



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET N.W.
WASHINGTON, D.C. 20554

2928

News media information 202/254-7674.

Recorded listing of releases and texts 202/632-0002.

April 27, 1987

REVISED FCC FORM 346

As a result of the Commission's Report and Order in MM Docket 86-286, 52 Fed. Reg. 7420 (1987), FCC Form 346, the application form used, among other things, for seeking authority to construct or make changes in a low power TV (LPTV) or TV translator station, has been revised. Section II, Legal Qualifications, Page 3, of the form has been amended to incorporate the following approved changes:

Section II

LEGAL QUALIFICATIONS

1. Applicant is (check one of the following):

(a) an individual

For LPTV and TV translator applicants only, if the applicant is an individual, submit as Exhibit No. ____ the applicant's name, address, home and business telephone numbers (including area code) and the applicant's individual interest.

(b) a general partnership or a limited partnership

For LPTV and TV translator applicants only, if the applicant is a partnership, whether general or limited, submit as Exhibit No. ____ the names, addresses, home and business telephone numbers (including area code) of all general and limited partners (including silent partners), and the nature and percentage of the ownership interest of each partner.

(c) a corporation or an unincorporated association

For LPTV and TV translator applicants only, if the applicant is a corporation or an unincorporated association, submit as Exhibit No. ____ the names, addresses, home and business telephone numbers (including area code) of all officers, directors, and other members of the governing board of the corporation or association and the nature and the percentage of their ownership interests in the applicant (including stockholders with interests of 1% or greater).

(d) other

If the applicant is a legal entity other than an individual, partnership, corporation or unincorporated association, describe in Exhibit No. ____ the nature of the applicant.

2. For LPTV and TV translator applicants for new stations only, submit as Exhibit No. ___ a list of all other new applications filed during the same window period as this application in which the applicant or any principal of the applicant has any interest. Include the percentage of that interest for each listed application, as well as the other applicant's name (if different) and the channel number and location of the proposed station.

NOTE: No more than five (5) applications for new low power TV or TV translator stations may be filed during a single window period by any applicant or by any individual or entity having an interest of 1% or more in applications filed in the same window period. This limit does not apply to minor or major change applications.

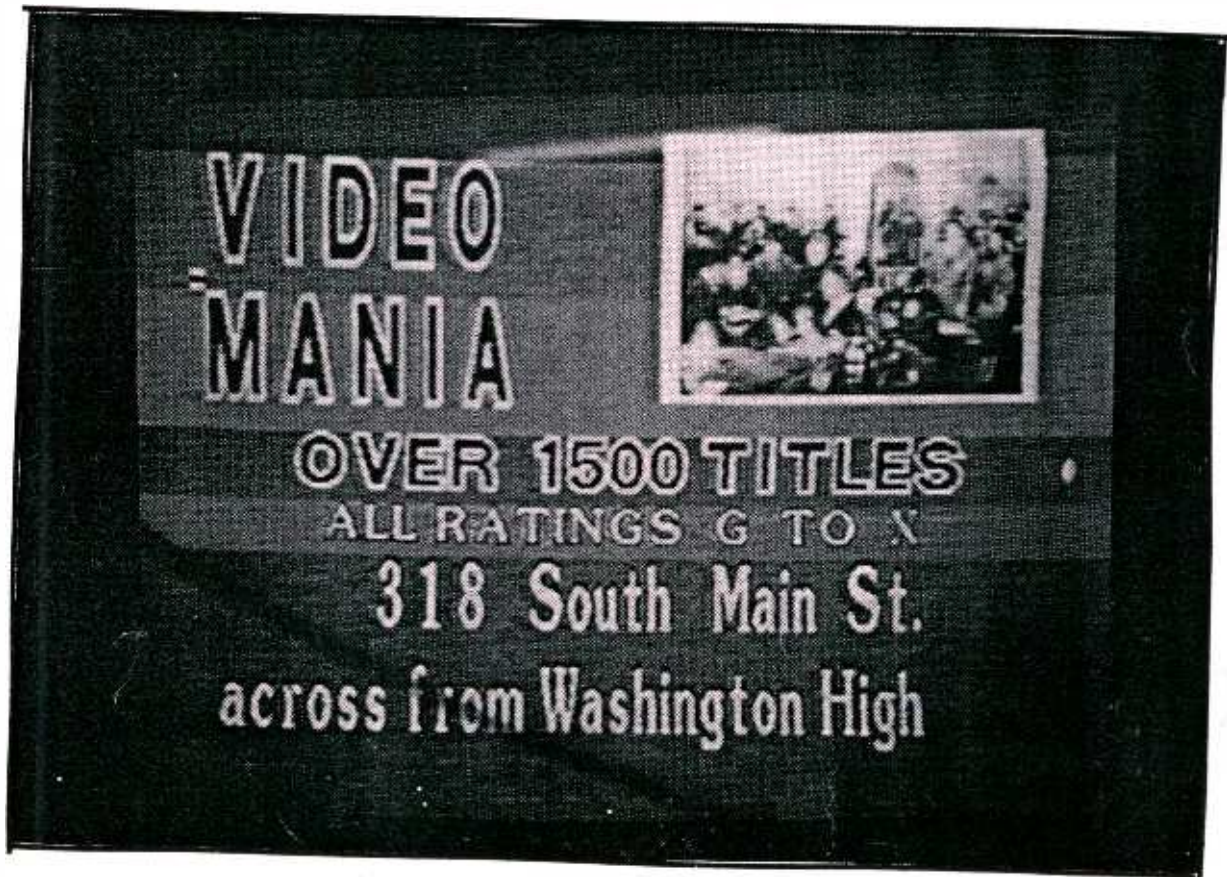
Effective June 15, 1987, all previous editions of FCC Form 346 are cancelled. All LPTV or TV translator applications submitted on the obsolete forms will be returned to the applicant as defective and unacceptable for filing.

Revised FCC Form 346 (May 1987 edition) will be available on or after May 11, 1987 and can, thereupon, be obtained from the FCC's Operations Support Division, Services and Supply Branch, Room B-10, 1919 M Street, N.W., Washington, D.C. 20554, telephone number (202) 632-7272.

For further information concerning the revised FCC Form 346, contact Keith A. Larson, Chief, Low Power Television Branch, Mass Media Bureau at telephone number (202) 632-3894.

-FCC-

Lo-Power Community TV



\$350. Digital Switcher inserts
Pix in Pix with unsynced sources.

**August
1987**

EDITORIAL

DIGITAL SWITCHER

We have been waiting to try out the new Digital Switcher by NuMark that we ordered and did a story on in January, that sells for \$5,000.

We also suggested using it for editing without an editor, since it will genlock two or three VCR's input together, so you can wipe, dissolve, cut, etc., between the three.

Finally, it shows up July 14th, but they sent it to Phoenix instead of Sioux Falls, SD, we are not going to have enough experience with it to write about this issue. You will have to wait for the September issue for a report on that.

We do, however, have enough experience with the Multivision Digital Switching device to write about that. It costs \$350 and we love it. Most exciting thing for LPTV we have run into in a long time. Bob Gray, 57045 Yucca Trail, Yucca Valley, CA 92284, called our attention to it and sent us one. He buys them in quantity and you can get them from him for \$350. Call 619-228-1133. I had talked to Multi-Vision several months ago, but they were asking around \$650 for the mode that had only two (2) inputs and I thought, heck, we can do that with a Digital VCR that sells for \$650.

So here is what you do with this inexpensive four (4) input Digital Switcher and why it opens up all sorts of things. First of all it allows you to switch between four (4) sources of video with two (2) audio each. It has a hand remote (no knobs) and you can take Audio and Video together or combine any sound source with any picture and you can insert any second video in a little window, (picture in picture). The little picture is still not as large as we would like, but is adequate and it goes smaller (4 sizes all to-

FOR SALE

11KW - CH. 45

EMCEE - \$29,500.00

Contact Harlan 602-945-6746

BOGNER - B8-4

Put in your pattern and
Channel - make offer.

gether) by pushing a button. (Bigger pix in picture than RCA Digital VCR). It has special features like strobe effect in the little picture, so that it does a series of stills (stop motion) at different settable speeds. It will also freeze a picture in the little window all day. So here is what we do with it (so far). First of all, you could put a slide type station break in the little window and freeze it. Shut off the tape it stays on. Hold the little picture in picture and set up a timer, computer, etc., to turn it on during the hour and half hour points all day. Use a relay to switch between your main Satellite source and this switcher. When the relay pulls in, it routes this switcher output on the air. Your main satellite source second output is also run through Multivision (one input). Therefore, you can run the main satellite source on the air when unmanned by by-passing the Multivision and when the timer switches to the Multivision output (relay closes). You then have on the air a station break frozen in the little window (adjustable places on the screen), and the main picture is your satellite source.

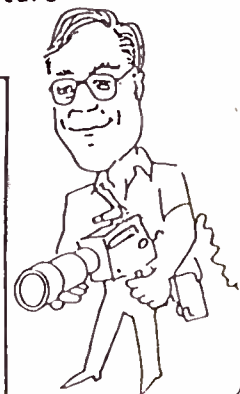
We use it differently. Since the local papers will not carry our program schedule, no one knows what we have on tonight (or today), so we input the character generator (unfortunately a \$7,000 old model that does great things, but won't genlock). We leave room in the Alpha numeric picture (no words) in the upper right corner. The Multivision then sits with the satellite program and sound in the little picture and the menu (days schedule) on the big screen. At automatic switch times (20 seconds on during hour and half hour) the viewer is watching the satellite program and zip, it switches the same satellite picture to the little picture and the main picture they see is our schedule.

Continued on page 10

Lo-Power Community Television magazine is published 12 times per year. Sample copies are \$5. subscriptions \$50 per year. Intended to supply needed information on low power television at reasonable cost.

Copyright 1982 by Lo-Power Community Television Publishing. Editor and Publisher: Harlan L Jacobsen.

Send address changes to 7432 E. Diamond. Scottsdale, AZ 85257; phone (602) 945-6746.



The yen and dollar ratio worsens day by day, so cost of VCR's, cameras, etc. are going up.

The Japanese MFG have so far been absorbing the rise in the \$ ratio and there has been a lot of merchandise in the pipelines that do not reflect the full change in the yen/dollar ratio. Be forewarned however, the Japanese merchandise is going up (Panasonic-14%- Aug. 1), Goldstar, Samsung and other Kareo merchandise are not rising, because their currency has not had that big a change in relation to the dollar.

The ED-Beta and Super VHS (which is all you should buy from here on), will be only from Japan and Hitachi is importing them starting late August; Sharp shortly after and others who have not announced time will certainly not be far behind.

Listing for \$1200 to 1500, the new consumer decks should be obtainable for around \$950 with prices to come down later. Sony's new 500 line ED-Beta has no announced date for U.S.

VHS camcorders will be available also, and will be around \$1700, industrial versions are due in soon. Columbia Audio Video are taking advance orders (see photo, etc., elsewhere in this issue) for editing VHS, etc..

In the meantime, if you are buying any standard VHS machines, AKAI has a new quick start machine that threads up and plays in one (1) second, most machines take up to eight (8) seconds to get up to speed. Ideal for inserting commercials in programs that leave you "holes" (blank spots for commercials). By the time you are sure that blank spot is for you and get your standard machine up to speed, it is so long that you can only run 45 seconds or so spots in 60 second windows.

JVC is understood to be introducing S-VHS industrial in September, demonstrating they say how much better S-VHS is than 3/4.

The S-VHS equipment is reported not only to be far better than 3/4, it is also priced at 1/3 less. The S-VHS tapes, by the way, are listing at about \$12.00 (that's list price).

You need to understand you can play standard VHS on a S-VHS machine, but you cannot play S-VHS on a standard VHS machine. This is referred to as

"upward mobile only". Yes, you can record up to 6 hours on S-VHS and the 6 hour speed will be superior to all present VHS at 2 hour speed. This will allow you to do 6 hour unmanned tape segments.

The CBA (Association for LPTV Stations) is supposedly getting involved in taping program systems for LPTV Stations.

The CBA idea is to somehow save you some time, or money, etc., obviously the people at CBA aren't actively engaged in running several LPTV's on a day to day basis.

By the way, I was on the board of directors for a year and a half and they sent me a notice saying, we understand you do not want to be on the board of directors anymore. Never told anyone I wanted off, but I never responded to the letter, figuring they are running it as their own private thing anyway. In the year and a half, I only heard from them once, which I responded to and they ignored.

As far as I am concerned, CBA is 3 people doing their thing and no more represents the interests of those of us in the trenches than the NAB does. Sometime for entertainment, read the NAB filing against LPTV at the FCC when LPTV was being put together.

As far as tapes are concerned, 3/4 tapes cost you around \$5 each to send in and out, so if you get a 30 minute program FREE by tape, it still is going to cost you \$10 an hour for programming. We have cancelled all of our programming by tape, except one, plus an occasional "special" we will take on tape. Everything else comes by satellite. We use two (2) satellite receivers, with one of them on programmable dish mover and receiver. All you have to do is load your VCR's with blank tapes, set them for the right time, and every week your feeds are taped automatically.

By the way, the Sierra II receiver, which we recommend, came out in last issue as "outdated" (typing error, read my long hand wrong), should have said automated Sierra II. We started to tell you about a problem it has, (or hopefully had). The weekly (every week) programs worked fine the first week and the second week would "forget". Chaparral has apparently corrected that. (We had to send both of ours back) Hopefully they are now "re-

membering". The machine sells for around \$950. If you handle your "feeds" that way, you have little or no labor and no freight. We are now taking programming from 14 different sources and are turning down a lot of good stuff.

We have for four (4) years now been trying to get 3 channels in a major market and many of our clients are working toward the same basis, preferring not to go into it until you have 3 together. They have agreed to swap out to arrange, so one has 3 in one market, instead of one each in 3 markets.

We now have one major market with 3, but they are not expiring, whereas, we have a small market with 25,000 people with 3 channels that is expiring. It is marginal even with 3, impossible with 1.

Here is the set up - 85% on the cable - No local TV. Chances of getting on the cable are 0. So, since there is little rural population (miles between farms), we are talking maximum 2,000 sets - reached that are not on cable. At our \$5 per set figure per channel, we arrive at \$30,000 maximum annual income. With 3 channels however, we may eventually cut the cable saturation to 75% and get many to watch on UHF even though the cable is connected at the same time.

First channel- we hope to use (still pending) as a NBC translator. No NBC available there, except on cable. Pick up off the air from 140 miles away - difficult and marginal even if we get permission. Insert local commercials in spots cleared by station we are rebroadcasting.

Second channel - one hour a day of local production (30 minutes of local news, etc.) repeated 18 hours a day.

Third channel - traditional independent operate automated type programming with many of feeds supplied in bulk from Sioux Falls Stations on 1/2 inch tape, once a week - majority by Satellite - PI commercials already inserted in tapes by Sioux Falls LPTV.

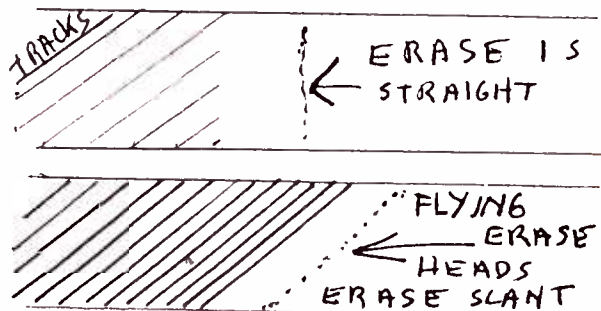
Fourth channel - (still pending).

Religious, Satellite supplied primarily.

The only LPTV requiring any labor in any amount would be the local one hour of shows - perhaps 2 people. The rest are primarily automated.

In case you are not familiar with camera tubes, or Solid State, in place of tubes, keep in mind CCD cameras are the coming trend with 90% of Pro cameras expected to be "no tube" cameras within two years. Ideal for LPTV, and we will get into why that is the future issues. In the meantime, here is another explanation of why you need VCR's with flying erase heads.

Ordinarily, erasing in traditional VCR's is like this.



Since recording is slant and erasing is square, you naturally have some of the previous recording left that doesn't mesh with your new view, so there is a big glitch. With flying, erase heads, the previous part is erased clean, slant wise, so that the new track is laid alongside with far less "glitch".

In editing setups, you need three pieces. The "editing" recording machine, the edit controller and a special built and controlled player (VCR).

Best guess is the LPTV branch will schedule another window in January, after catching up on processing that one. It may be just left open as is full power. File at will.



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET N.W.
WASHINGTON, D.C. 20554

3851

News media information 202/254-7674. Recorded listing of releases and texts 202/632-0002.

NOTICE OF SELECTION BY LOTTERY

MUTUALLY EXCLUSIVE CASES INVOLVING LOW POWER TELEVISION AND TELEVISION TRANSLATOR APPLICATIONS

Report No: TS-42

Released: July 1, 1987

Notice is hereby given of the results of the June 26, 1987, public lotteries to determine the award of construction permits for low power television or television translator stations in the mutually exclusive cases listed below. The application listed with each case is the tentative selectee for the construction permit grant. Petitions to deny the selectee must be on file with the Commission not later than 15 days from the release date of this public notice. Pursuant to Section 73.3584(c) of the Commission's Rules, the selectee may file an opposition within 15 days of the filing of the petition.

Absent the filing of petitions to deny and upon determining that the selectees are otherwise qualified, grant of construction permits to the selectees listed below will be made upon completion of processing.

<u>FILE NO.</u>	<u>APPLICANT NAME/CITY OF LICENSE</u>	<u>NUMBER BLOCK SELECTION</u>
L87-1674 BPTTL-810127IY	American Christian TV System, Inc. Springfield, MO/Channel 44	6370 WEST FREEWAY DRIVE FORT WORTH TX 76150 REQ:CHAN. 44; ERP 7.36KW
L87-1675 BPTTL-820924TB	Jack Clarke, III/Ingram, TX Channel 21	NO.1, CLARKE DRIVE CONROE TX 77301 REQ:CHAN. 21; ERP 36.8KW
L87-1676 BPTTL-830224TK	Mountain TV Network, Inc. Beaver, OK/Channel 29	BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 29; ERP .70 KW
L87-1677 BPTTL-821208TX	Conner Communications/Vidalia, GA Channel 29	REDWOOD COURT WINCHESTER KY 40391 REQ:CHAN. 29; ERP 1.02KW
L87-1678 BPTTL-821108SO	Jennifer J. Frost & Liliias J. Morrison/Live Oak, FL/Channel 21	US.158 BUS.VA DARE TRIAL NAGS HEAD NC 27959 REQ:CHAN. 21; ERP 37.5KW
L87-1679 BPTVL-810311IU	National Black Media Coalition Orlando, FL/Channel 11	38 NEW YORK AVE., NE, WASHINGTON, DC 20005 REQ:CHAN. 11; ERP .789KW
L87-1680 BPTTL-830809JU	LPTV Services Inc./Klamath Falls, OR Channel 29	454 BROOME ST. NEW YORK NY 10013 REQ:CHAN. 29; ERP 10.1KW

L87-1681 BPTVL-831013QC	Lora L. Burbage/Honolulu, HI Channel 7	47-055 OKANA R. KANEHOE HI 96744 REQ:CHAN. 07; ERP 64.6KW
L87-1682 BPTTL-GM0308TD	Anthony T. Easton/Minneapolis St Paul, MN/Channel 35	559 PACIFIC AVE., # 32 SAN FRANCISCO CA 94133 REQ:CHAN. 35; ERP 34.3KW
L87-1683 BPTTL-GY0308WD	Midamerica LPTV Associates, Inc. Colorado Springs, CO/Channel 51	375 COLLINS RD.,NE,#107 CEDAR RAPIDS IA 52402 REQ:CHAN. 51; ERP 40.8KW
L87-1684 BPTTL-840308PI	Walton Bauer & Company Colorado Springs, CO/Channel 42	609 N. 6TH STREET KENTLAND IN 47951 REQ:CHAN. 42; ERP 20.7KW
L87-1685 BPTTL-821122TV	Black Media Associates Olean, NY/Channel 16	P.O. BOX 1603 CENTREVILLE VA 22020 REQ:CHAN. 16; ERP 1.35KW
L87-1686 BPTTL-HR0308MT	Lawrence O'Shaughnessy/Douglas, AZ Channel 22	P.O. BOX 1157 WHITEFISH MT 59937 REQ:CHAN. 22; ERP 3.92KW
L87-1687 BPTTL-HF0308NN	Broadcast Data Corp/Ann Arbor, MI Channel 58	P.O. BOX 191 PASADENA MD 21122 REQ:CHAN. 58; ERP .832KW
L87-1688 BPTTL-810420IC	County Broadcasting Company Bloomfield/Dexter, MO/Channel 34	ROUTE 1 BOX 188 FISK MO 63940 REQ:CHAN. 34; ERP 15.8KW
L87-1689 BPTTL-830217WO	CMM Inc/Jonesboro, AR Channel 47	215 LANTANA ROAD CROSSVILLE TN 38555 REQ:CHAN. 47; ERP 6.39KW
L87-1690 BPTTL-840307XT	K. Sandoval Burke/Bellingham, WA Channel 30	P.O. BOX 2295 BOULDER CO 80306 REQ:CHAN. 30; ERP 24.1KW
L87-1691 BPTTL-821122TR	Impact TV Group, Inc. Orlean, NY Channel 38	2102-A GALLOWS ROAD VIENNA VA 22180 REQ:CHAN. 38; ERP 1.26KW
L87-1692 BPTTL-840308R3	Register TV News/Sandusky, OH Channel 41	314 WEST MARKET STREET SANDUSKY OH 44870 REQ:CHAN. 41; ERP 10.0KW
L87-1693 BPTT-810213JI	Catholic Views Broadcasts, Inc. Channel 54	86 RIVERSIDE DRIVE NEW YORK NY 10024 REQ:CHAN. 54; ERP 5.54KW
L87-1694 BPTTL-GC0308MI	Midamerica LPTV Associates, Inc. Champaign, IL/Channel 54	375 COLLINS RD.,NE, #107 CEDAR RAPIDS IA 52402 REQ:CHAN. 54; ERP 40.8KW
L87-1695 BPTTL-820818TZ	Kenneth B. Darby/Perry, FL Channel 34	5775 EUNICE COURT TALLAHASSEE FL 32303 REQ:CHAN. 34; ERP 2.87KW
L87-1696 BPTTL-821122TH	Freda A. Brown/Cody, WY Channel 21	# A-704 AIRWAY CIRCLE NASHVILLE TN 37214 REQ:CHAN. 21; ERP 11.6KW

L87-1697 BPTTL-821122TI	Black Women's Network of N.J., Inc. Glenwood Springs, CO/Channel 15	354 SOUTH FIRST AVENUE MOUNT VERNON NY 10550 REQ:CHAN. 15; ERP 10.8KW
L87-1698 BPTTL-830311C2	Mountain TV Network, Inc./Rawlins, WY Channel 54	BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 54; ERP .998KW
L87-1699 BPTTL-801202II	Communicators of New Orleans New Orleans, LA/Channel 59	6735 YUCCA STREET LOS ANGELES CA 90028 REQ:CHAN. 59; ERP 21.1KW
L87-1700 BPTTL-810331JZ	Tally Television Corporation Little Rock, AR/Channel 59	1740 SHADOWLAWN STREET MEMPHIS TN 38106 REQ:CHAN. 59; ERP 9.92KW
L87-1701 BPTTL-830308M5	Local Communications/Muncie, In Channel 34	# 5918 WELBORN DRIVE WOOD ACRES MD 20816 REQ:CHAN. 34; ERP 17.1KW
L87-1703 BPTTL-8403062Y	Kim Mooney/Hilo, HI Channel 32	798 FOX HILL COURT BOULDER CO 80303 REQ:CHAN. 32; ERP 10.9KW
L87-1704 BPTTL-HA0308UY	Mark L. Wodlinger/San Diego, CA Channel 23	4350 JOHNSON DRIVE SHAWNEE MISSION KS 66205 REQ:CHAN. 23; ERP .980KW
L87-1705 BPTTL-HL0308MF	Elizabeth E. Terrill/Charleston, WV Channel 59	973 PLEASANT STREET BOULDER CO 80302 REQ:CHAN. 59; ERP 12.9KW

-FCC-



Another example of Character
Generator - Pix in Pix

Consumers Report:

We have been using several pieces of equipment for some time now and can give you some idea of maintenance problems you can expect.

First of all, let us take transmitters. Actually had little trouble outages in maintaining several.

The UHF single tube models seem to get about 30 months before getting tired and needing replacing- \$350 up depending on model. We had a blower go out after two years, but that was because it had not been oiled.

The modulators (Catel, formerly RCA) used by nearly all LPTV transmitters Mfg. are sort of a pain (trouble). They come in "drawer" replacement, so you usually replace the whole drawer. One caused a one-day off the air awaiting a replacement.

The Radio Shack Switcher (\$79) we recommend for starting or simple switching holds up very well. We have been using one many times a day for over a year.

We have a GE HQ VHS that runs about 3 hours a day and an RCA Digital VHS HQ that runs dozens of times a day (commercials) (PI's) and a total of 2 or 3 hours a day on automatic recording feeds. Both have been running nearly a year. The RCA gave us trouble initially, but was fixed under warranty, and has never ever given us any trouble since. The GE has never given any trouble, CORDS- are the big bugaboo.

Would you believe that when you have like 200 connecting cords, every once in a while you have problems and it is almost always traced to a bad connecting cord?

Of course, we are always adding and trying something new (which you may not be doing), so they get wiggled and moved a lot more, but the point here is; do not use "cheap" connecting cords. Expect to spend \$300 to \$700 or even more for interconnecting cords to tie it all together. This is often not in your "budget".

INTEREST IN LPTV HAS DIED

The big long overdue window drew under 1200 LPTV applications. A good guess would be that as many as 400 of that were moves, modifications, and translators.

The spectators who filed in the past to "win" big bucks have all moved to cellular telephone and other more lucrative markets. Those that are

getting financing. Those that were trying to put together groupings of one type or another have not been able to do so, and this Commission has pretty well succeeded in killing off their "unwanted" baby.

Local broadcasting, according to the Communications Act of 1934, setting up the FCC was to be of primary priority. This Commission originally announced that DBS (where big broadcasters can cover the whole country) was to be "high" priority and low power TV was to be low priority.

Since then, with the mass filing of the last cut-off, it has been a constant contest at the Commission to see who can throw out the most LPTV applications.

That was an over reaction to overwhelming numbers. With only 1200 or less filed now, it would seem they could change the policy to getting as many legitimate groups as possible and do whatever is necessary to help these get on the air and provide local service to the public.

There used to be a lot of noise about cable systems having to provide local studios and local programming. Since 80% of cable subscribers have now been taken over by the "big boys" (broadcasters), localism has no champions at the commission. LPTV has no status according to the Commission and has absolutely "no right" to be carried on cable systems. Cable systems now sell advertising that they stick in ESPN and other channels and have no interest in carrying anything that competes with them locally for the local advertising dollar. They bring in outside channels such as shopping, because it pays them money. Carrying a local LPTV channel can cost them ad dollars and dilute their shopping viewers etc..

Until LPTV Stations become politically significant (help get your local Senator reelected, etc.), this new kid on the block is going to get only "crumbs" from the Commission. Full power stations want "deregulations", but no more competition. Full service stations have an average profit of over 25% of their income. With that kind of margin, you can hire fancy lawyers and lobbyists to keep out the start of competition. So far, they have been pretty successful.

It is hoped that the low power branch will now change policy, to getting grants to legitimate builders, instead of trying to throw out or cancel what they could.

Professional Super VHS Editing

Panasonic

Professional/Industrial Video Systems

AG-7500
Editor
M.S.R.P. \$5,900.00
Special Pre-order
Price: \$4,956.



ProView AG 7500 Y/C component analog Hi Fi Editing VCR ideal for high end professional studio applications. Horizontal resolution of more than 400 lines provides a cost effective video production system. Features Super VHS video connectors that maintain separate Y/C signals to virtually eliminate cross-color and cross luminous problems, and provide high resolution, and picture quality in both record and playback modes. 7 pin dub connector for professional editing and duplication. New digital servo circuitry for jitter reduction, auto backspace edit function, and external sync/SC input for TBC connection. Two Hi Fi channels and two longitudinal channels with time code In/Out switchable for longitudinal channel 2. Editing accuracy is ± 2 frames (CTL), with stand alone editing capability, and illuminated push buttons.

AGA 750 Edit Controller

This ProView editing controller has been developed to give virtually error free editing of Super VHS. It is compatible with other editing VCR's such as the AG 6500. 17-step jog and shuttle dial allows exact speed selection, from 0 to plus and minus 10 times normal.

M.S.R.P. \$1,950.00
Special Pre-order Price: \$1,638.



COLUMBIA AUDIO/VIDEO

Professional Video Division Highland Park, IL. 60035-3599
312/433-6010

Super VHS

Panasonic

Professional/Industrial Video Systems



300 CLE-Three CCD Camera
M.S.R.P. \$8,700.00
Special Pre-order price:
\$7,299.

Optional accessory kits for ENG, EFP,
and studio Configuration.

Revolutionary new camera combines the high resolution of tube cameras with the stability and performance of the CCD. By utilizing advanced CCD signal processing and a high definition 1.4 prism, the 300 CLE produces more than 700 lines of horizontal resolution and greater than 58dB signal-to-noise ratio. Compatible with NTSC composite, Y/C component analogue and most other recording systems. Superb low-light performance with a minimum illumination of 2.5 foot-candles. Variable electronic shutter operates in the 1/60, 1/250, 1/500, and 1/1000 mode. Auto white, auto black, adjustable 1.5" viewfinder and SMPTE color bars. Camera status displays are indicated in viewfinder.

The ProView AG 7400 Y/C component analog Hi Fi Portable Recorder/Player approaches broadcast levels in the field. More than 400 lines of horizontal resolution, wide video head system, with comb filter and Flying erase head, 14-pin Camera input compatible with 300 CLE camera as well as other 3-chip and 3-tube cameras. SMPTE time code connector, auto back space editing, XLR 4-pin DC input, and 14 pin/10 pin selector switch. Dual VU meters, and a dynamic range of greater than 80 dB. Two audio Hi Fi channels, and two longitudinal channels with noise reduction and time code input.



AG-7400 Portable VCR
M.S.R.P. \$2,900.00
Special Pre-order price: \$2,436.

COLUMBIA AUDIO/VIDEO
Professional Video Division Highland Park, IL. 60035-3599
312/433-6010

Previously we tried super imposed (words super imposed over the network picture). The character generator we used for that does fine (different machine), but unfortunately, during the hour and half hour points the network source usually has a commercial or something with a lot of alpha numeric, so adding our words (automatically) over theirs, makes a real unreadable mess sometimes.

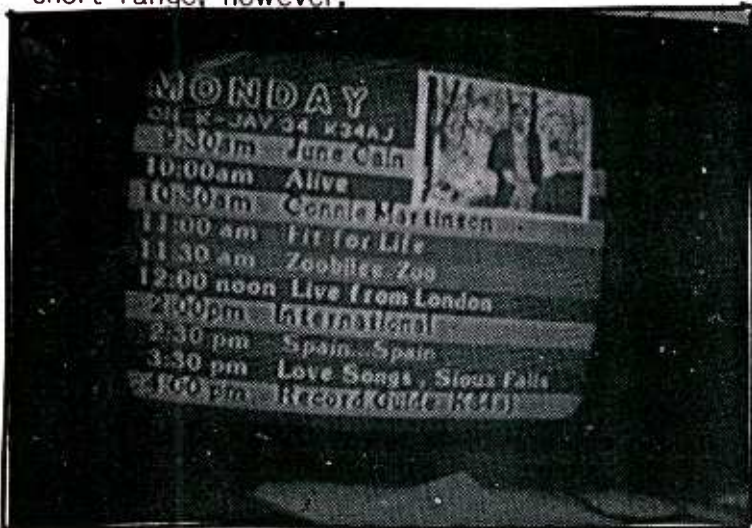
Here is what we do besides using it for local production including shooting Joe's used cars with one tape and then later shoot Joe talking about his wonderful used cars. Play the car lot tape on one machine and on another VCR is Joe, so the talking head Joe appears in the little pix from the other tape, the combined new tape is digitally synced together and you have a sophisticated looking tape made with one camera and no editor, locked together with no time base corrector.

TEMPO puts up a schedule on the screen, their advance schedules are almost worthless for accuracy over the summer, and we can't write it down fast enough, so, we punch freeze and hold that schedule in the little window (not on the air) until we copy it down and put it on our schedule on our character generator. So that freeze comes in handy for that use for the Multivision. Should hold up over hard usage, because it has NO moving parts, not even a push button switch, all is done with the remote. The remote has an unusually short range, however.

The big catch 22 of this last window was the "Bumps". Bumps were those people that had CP's or on the air, licensed and found someone had filed for an interfering full power. Even though the full power was not yet on the air, you as a licensee or CP holder are then entitled to file for a new channel, if they will interfere with your LPTV or the other way around. A lot of people suddenly woke up when the window was announced and at the last minute decided, if we do not file for a bump channel before the window, all the good channels will be gone.

As I understand it, the bumped CP's under the new rules are allowed to file for any unused, non-conflicting channel totally unopposed and move anywhere within ten (10) miles and change power, etc.. There is no fee for a bump application.

Now comes the catch 22 for those of us surviving LPTV filing during the last window. You researched the best available channel and filed for it, paying \$375 in application fees, figuring if you were lucky no body else filed for anything interfering with it, or at worst, you would have to go through some lottery with a "chance" of winning it. Now your application gets returned because totally unbeknown to you, someone filed for your selected channel the day before the window, under the "bumped" rules. They get it automatically and you wasted your money. Nothing wrong with that, except you had little or no way of knowing. The only clue or possibility you had, was to analyze all the CP's and LPTV licenses and look at full power CP's and applications in that market and figure who, if any, was "bumped" and call and ask them, what channel are you moving to? Then you knew to file for only those channels that did not interfere with the one they had selected.



TV Schedule shown above

Network main picture continuity
is maintained by switching to small
picture.

WED. 7:00 pm

FRIDAY 8:00 pm.

SATURDAY 1 pm--10 pm

where Sioux Falls watches

WRESTLING

K34AJ STL 23 ON 24 HOURS A DAY



**TWINS
BASE**

BALL TONIGHT

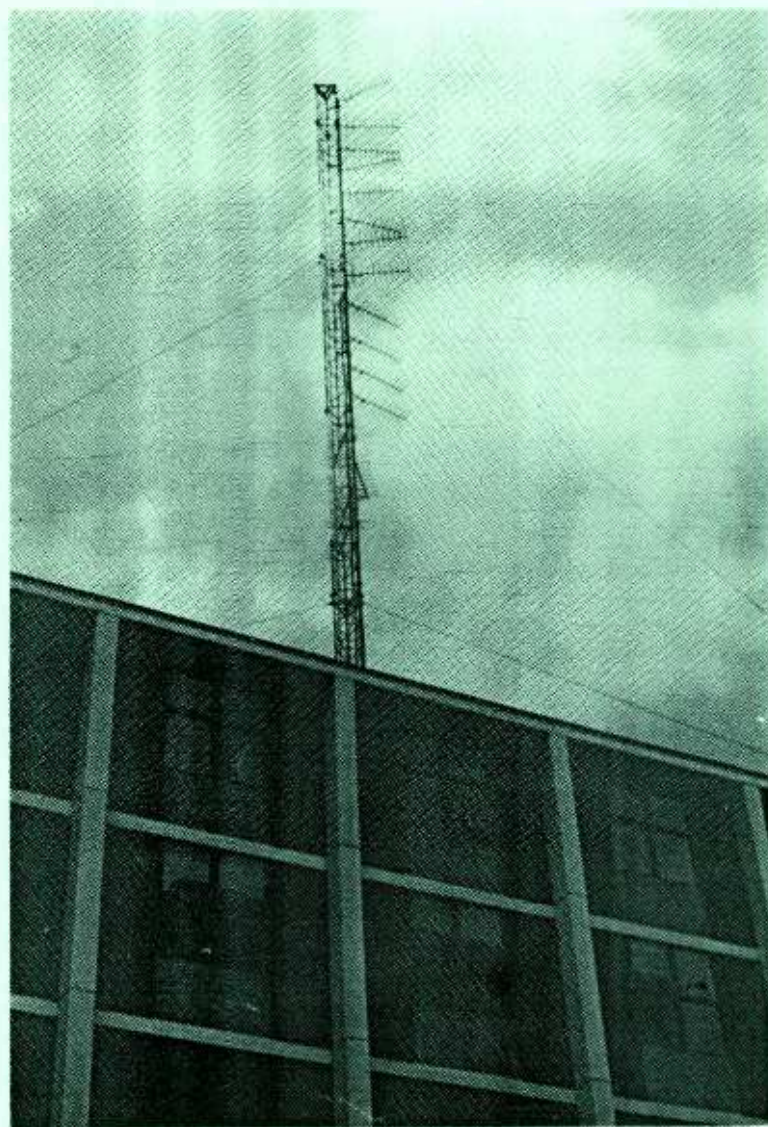
RIGHT HERE AT 6:30

GAME IS AT BALTIMORE

K34AJ STL 23 ON 24 HRS. 335-1136



Lo-Power Community TV



September

1987

EDITORIAL

The 1200 applications, moves, and bumps filed at the last window are now reported to be all entered, and we reprint some that we have seen show up on public notice so far.

We expect the next microfiche to include all of these filings, so if you want that fiche, we now have to get the new ITFS price, \$20.00 for them (went up from \$10).

The computers at the commission can now spit out all of those not mutually exclusive with any other new application (about half, we hear), and those are expected to be started to be granted in the next few months. The applications with competitors will probably start showing up in lotteries, perhaps by December.

Those of us installing stations are hard pressed to keep up now with the old CP's to get them on before they expire.

The manufacturers may now have their first real busy period when the usual business from old CP's get put on before they expire, plus, the new applications, most of which were serious and the time elapsed is not years, so they are still interested and haven't yet given in to putting their money into other investments.



About our cover -

We thought this VHF Hiband Multiple Yagi transmitting setup was interesting in Rolla, MO, so I took this picture.

We were in town installing another LPTV, but never got time to check out how well this VHF worked. Anyway - here is a good example of 10 watts VHF split between a lot of yagis for maximum gain in about 180 degrees.

We have been hoping to get time to try out the Amiga Computer Generated Graphics Systems. We have not even had time to extensively even use the Numark Digital Switcher. In fact, we have not even gotten an instruction book for it yet. It has an interesting feature we didn't know about. In one setup, when the tape finishes and goes to black the switcher freezes and holds the last picture indefinitely. It will also do strobe freezes and freezes in time to the bass beat of music. It has individual sound adjustments for each input, so you can balance them all together and has all parts of Video maneuvering we haven't gotten on to yet. It is relatively easy and simple to use and works beautifully to wipe, dissolve, etc., between any three sources from anywhere.

In case you are interested in how the video tape business is going - Sioux Falls has the lowest rental rates according to a survey, of one of the chains. A drug store chain has a large video inventory and rents tapes at 77 cents, including late releases, 7 days a week. We compete by renting all kids movies for 50 cents and over 400 other titles at 50 cents. We rent everything else for \$1, except late releases, which we charge \$2 for. And the adult tapes are always \$3. We have been doing about \$12,000 a month with 1500 tapes in inventory (started with 150) and 40 VCR's - 3 camcorders, etc.. We cannot seem to get past the \$12,000.00 a month, we have 1,100 square feet and are considering moving to a 6,000 foot store and opening what is known as a Video Super Store - (more later).

In the meantime, the party that owns the major TV Station (CBS) in town, major AM and the major FM Stations in town, and owns the cable system (as well as all 13 theaters) has bought out the major chain of video stores in town; leaving only a couple of independents besides myself.

Lo-Power Community Television magazine is published 12 times per year. Sample copies are \$5. subscriptions \$50 per year. Intended to supply needed information or low power television at reasonable cost.

Copyright 1987 by Lo-Power Community Television Publishing. Editor and Publisher: Marlan L. Jacobsen.

Send address changes to 7432 E. Diamond Scottsdale, AZ 85257; phone (602) 945-6746

UNDERSTANDING DEFINITION OR LINES OF RESOLUTION

If you are wondering what 240 lines of horizontal resolution means compared to 420 lines, etc., let us just say that refers to horizontal definition. When we saw the first Super Beta 360 lines, the first thing we noticed when you saw a shot of a tree was that you could see each individual leaf. On 240 lines you just saw a green blob.

So let's explain it this way. Let's say we have a shot of a picket fence and you had ordinary VHS. When there were 240 pickets you could distinguish and count each one. If there were 250 in the picture, they would just sort of all run together and you couldn't count them.

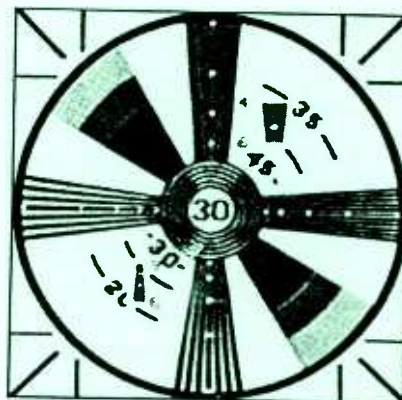
With the very best over the air, the defining (definition) would be so good it would have to be more like 330 pickets in the picture before they blurred together, with Super VHS between 410 and 420, and with Ed Beta over 500, and you can still see and count each individual picket. That sort of describes how you define lines of horizontal definition. When watching a golf game the reproduction is so sharp you can see individual blades of grass. Up until now, you saw a green blob with a white blob.

Now here is the catch--you will need a good monitor or TV set. To get full advantage you need jacks for chrominance and luminance; these are now called an "S" terminal. Sets with these additional jacks will give a better picture than those without when connected to Super VHS. If you dupe down to another VCR and if it has an "S" terminal, the second and third, etc., generations will not deteriorate very rapidly. You may later play back the dupe or any of them without the "S" terminal, but those copies or played with an "S" terminal will look better.

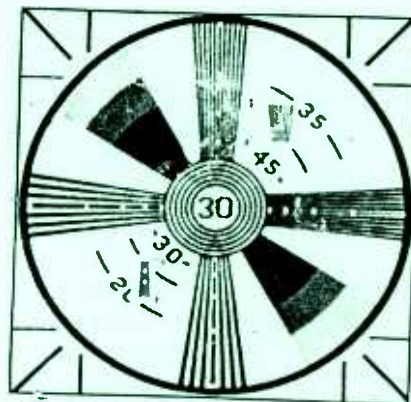
There is no 4-hour speed on Super VHS, but reports are the 6-hour speed still even out does 3/4-inch, still operating close to 400 lines with a little poorer S/N (signal to noise) than the 2-hour speed. In case you're interested, 3/4-inch is around 280 lines of resolution.

Remember, your recording cannot take a 260-line input (old color

cameras for consumers), record it, and make a 400-line or better picture out of it. (GIGO--computer term means garbage in, garbage out.) Cameras go up to around 700 lines of horizontal definition. Yes, a 700-line camera will give you a little better picture on a 400-line VCR than will a 500-line camera. Remembering, of course, the most you can broadcast is 330 lines. A 400-line VCR or live camera will give you a slightly better picture over the air than a 350 even though you broadcast only 330. I have no explanation for that, but it is true.



3/4" - 280 line definition above



ED Beta ABOVE

test pattern 500 line above. Our printing process runs some of these lines together that were clear in the original. The center circles were nearly perfect in our original (before printing). In the 3/4", they were blobbed together even in the original.

After much experimentation I'd say unless you are in a big market (over 100,000) you are not going to make enough off of PI's to pay the labor involved in inserting the PI's (PI = equals per inquiry spots like records sales, everyone they order over an 800# you make \$3.50 etc.).

If you run 3 stations in 3 cities and take a feed and insert PI's and then bicycle to the other 2 it may pay for the time (labor). My vote right now is use the spot, instead, to promote other programs on your schedule coming up today, etc.

What we have is "feeds" (programs received over satellite for later playing) that have "holes" (black windows for you to insert commercials of your own). Now lets say your satellite receiver goes over to W5 TR-15 at 2:00 pm today and the VCR comes on automatically and tapes your 1 hour wrestling you plan to run tomorrow night. Tomorrow night you have it set to automatically play at 7:00 pm for 1 hour. What do you do about the black holes? You have to pay someone to be there to stick these PI's in if you have not sold any local ads. Maybe you do not have a sales force yet, you are just getting viewers established and you want to operate unmanned (essentially). So if you stick in these special programs with holes, you have to be manned and there goes your overhead.

What we need here is a "Black detector". I bought one years ago and never got around to using it and now I cannot find what I finally did with it. I made a zillion calls all over the country and found a company that hasn't made one since 1984 but has eight on their shelf. What their detector does is sound a buzzer anytime the picture fades to black. We are going to modify this so that after one second of black (delay) it pulls in a relay and switches in our character generator list of tonight's program schedule or turns on a video tape of endless promotions of our programs on tape so no matter where it goes in or out it is okay.

also play music on a endless tape automatically. When video comes back it will switch instantly to softer music for 1/2 second and also turn on the network sound simultaneously also half volume, then at end of 1/2 second switch video back to source. Now you could use this to turn on your commercial and use a tone on your tape to switch back at the end of the commercial. You have to keep track then that your taped commercial is exactly 30 seconds and that the window is 30 seconds, not 60 etc., and it gets more labor intensive.

You could also use this to detect end of movies, etc. We put on movies to come on automatically at 5:00 pm daily, 8:30 am Sunday, etc. Some are 1 1/2, some 2 hours, some hour and 20 minutes, etc. So the second hour we always have to have some one here to switch back to "network". If we set up a Black detector with say a 20 second black delay (has to be black for 20 seconds) so it switches back to network anytime it sees black for 20 seconds.

These black detectors with modifications and adjustable delays will cost you around \$150.00. You may need a timer to give you a window during which it can work. Say we expect the movie to be over between 6:20 and 6:35, so the black detector has power supplied only during that time. That will do away with any possibility of a long night scene, etc. switching it back to network. More on all this when we have experience with it.

Your transmitter has a built in device that detects lack of any video and shuts down. A black detector detects only going to black. Now I have a guy who calls up and wants me to find him a sync change detector. What that does is keep track of the sync and when it suddenly changes to different timing (a different source) it closes a switch to make something happen.

The reason black detectors went out of demand is stations all used to fade to black (change to local sync and by fading to black you didn't see any jump) when they switched back and forth between network and local commercials. Therefore stations personnel needed to be alerted and know when the network

aded to black. Consumers used a cheap version to shut down their VCR for 1 minute to eliminate commercials. Now, nearly all full service stations strip sync off the network and lock up all VCR's, cameras, etc. with network sync so they no longer fade to black as they go back and forth from local with no jump.

If you use our digital Numark switcher it keeps them on the same sync timing just like the most expensive time base correctors, therefore with digital switching there is also no need to fade to black between unsynced sources. It syncs them together. In case you don't understand sync, here is a simple explanation. A camera scans back and forth starting at the top and when you have them all synced together, they are all starting at the top at the same time. When you switch to something not synced together, the second thing may be at the bottom when the other is at the top so when you switch from one to the other there is a slight jump in the picture. By fading to black and then switching you didn't see the jump because the screen was black. Got that? When everything is synced together, that is called "genlocked". With digital it holds one source up (delay) until it is at the same timing as the other unsynced picture source. It "syncs" them together by holding or delaying one a bit, so you can dissolve, wipe, etc., between them.

The Sierra II Satellite Receiver can be programed to go to black (so you don't see playboy and other channels going by as the dish moves) while it is moving from one satellite to another. With the black detector on, you will put something (picture) up while it is moving to a new satellite at any time. If your program source has a problem and they go to black, it will also put something up. It doesn't take long to pay back \$150 in labor saved. Your station looks better, because you never have these blank screen periods, because your operator is on the phone, etc..

FOR SALE

1 - 1KW - Ch. 45
EMCEE - \$29,500.00
Contact Harlan 602-945-6746
Bogner - B8-4 Put in your
pattern and Channel - make offer.

You have been reading about Super VHS here now for six months. It will greatly affect LPTV and, believe it or not, change the entire TV broadcast industry.

The major entrenched TV broadcasters have for years been cheering the FCC on as they gave away the UHF spectrum to two-way radio and other uses figuring if those channels are still available, they can only mean future competition. So give them away. The general public has no idea that the agency charged with protecting their interests was giving away the store with the encouragement and cheering on of big broadcasters.

The recent plan (or plot) of the FCC to give away a whole group more of low UHF channels to two-way radio users (some LPTV applications are held up by this) in most of the major markets is finally getting some opposition. From the same big broadcasters who were just awakened to the threat of--guess what--Super VHS and how it is going to change their monopoly position on viewers.

Videotape has been making inroads on network station viewership at a rapid rate, and many of these big broadcasters also control cable systems who are finding they do not have quite the viewer monopoly they used to have.

So here are cable and broadcast stuck with a 350-line resolution picture when Super VHS is at 425 and Super Ed Beta over 500 lines. So the handwriting is on the wall--if you want to watch the best quality TV, you will watch it on tape. Do you want to watch movies on HBO at 350 lines or tape with a better 500-line picture? Keep in mind, videotape has been taking away a larger and larger percentage of viewers with only 240 lines of resolution so far. Now we have a quantum leap to over 400 lines and further improvements to come. Broadcast is stuck at 350 ... or are they?

HDTV (high definition television) has been under development for several years (1150 lines) and reported by us every time I see it at a show as just absolutely superb and unbelievable picture quality. Big broadcasters had been ignoring HDTV until Super VHS. The hitch ... it uses up two regular

channels of broadcast space. The big broadcasters are now under the impression a system will be developed to broadcast the present size, shape and fidelity on their present channel, and the wider screen component and information on a second channel. Those with HDTV receivers will digitally put the two together and receive the wider picture and the extra lines (definition). Those with conventional sets will get a conventional picture.

So here is the rub--the big broadcasters woke up to the fact that if the FCC keeps on giving away the store, there very well may be no channels left to carry the HDTV on in their market and they may be forever stuck with their now second class, 350-line picture.

How does this affect you? Well, in major markets if you are on with LPTV and have the only channel available, those big broadcasters are going to have to buy your channel out or your competitor's LPTV, thus leaving you with a valuable channel.

This means the whole picture is changing. The whole scheme of things will be different in five years because of what you heard first right here--Super VHS and Ed Beta.

Cable systems have room to carry the extra information, but it will mean big expense for them to do so, or they will have to drop some of their present channels.

Now you just found one of the other reasons we have been recommending owning and operating three LPTV in one market. You could become the first station in the market to go HDTV. Remember, the two channels needed do not need to be adjacent or even the same band. If you own three UHF's and all three full power network stations want to go HDTV, guess who they can buy the channels from? Do not get excited if your LPTV isn't a cash cow right now. Remember, it's the future you are looking to. LPTV is like empty land. You may not earn much with it now, but it's going to become very valuable. Down the street from me in Arizona twenty years ago you could buy that land for \$40 an acre. Now one little lot on the corner goes for over a million.

You cannot foresee why your LPTV grant will become valuable or what will make it valuable. Just take my word and look at the history of broadcasting. It has always become valuable

to analyze or have the foggiest notion of why at the time.

Just get your channel on and keep it running without losing your shirt.



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET N.W.
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4314

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NOTICE OF SELECTION BY LOTTERY

MUTUALLY EXCLUSIVE CASES INVOLVING LOW POWER TELEVISION AND TELEVISION TRANSLATOR APPLICATIONS

Report No: TS-43

Released: August 5, 1987

Notice is hereby given of the results of the July 31, 1987, public lotteries to determine the award of construction permits for low power television or television translator stations in the mutually exclusive cases listed below. The application listed with each case is the tentative selectee for the construction permit grant. Petitions to deny the selectee must be on file with the Commission not later than 15 days from the release date of this public notice. Pursuant to Section 73.3584(c) of the Commission's Rules, the selectee may file an opposition within 15 days of the filing of the petition.

Absent the filing of petitions to deny and upon determining that the selectees are otherwise qualified, grant of construction permits to the selectees listed below will be made upon completion of processing.

<u>FILE NO.</u>	<u>APPLICANT NAME/CITY OF LICENSE</u>	<u>NUMBER BLOCK</u>	<u>SELECTION</u>
L87-1706 BPTTL-AI0305VX	K. Sandoval Burke/Tallahassee, FL Channel 61	P.O. BOX 2295 BOULDER REQ:CHAN. 61; ERP .722KW	CO 80306
L87-1709 BPTTL-830312VR	Localvision/Coos Bay, OR Channel 63	7432 EAST DIAMOND SCOTTSDALE REQ:CHAN. 63; ERP 36.1KW	AZ 85257
L87-1710 BPTVL-820412SR	Joseph H. Harpole, SR./Fulton, KY Channel 09	P.O. BOX 709 UNION CITY REQ:CHAN. 09; ERP 17.8KW	TN 38261
L87-1711 BPTVL-GF0308UY	David E. Brooks/Shreveport, LA Channel 09	# 116 WEST NORTHGATE DEQEYEB REQ:CHAN. 09; ERP .079KW	AR 71832
L87-1712 BPTTL-830309IM	Mountain T.V. Network, Inc. Junction City, KS/Channel 51	P.O. BOX 31 BERRYVILLE REQ:CHAN. 51; ERP .98 KW	AR 72616
L87-1713 BPTTL-830315LY	Mountain T.V. Network, Inc. Salina, KS/Channel 52	P.O. BOX 31 BERRYVILLE REQ:CHAN. 52; ERP .751KW	AR 72616
L87-1714 BPTTL-EN0307UR	Pulitzer Broadcasting/Louisville, KY Channel 54	P.O. BOX 6205 LOUISVILLE REQ:CHAN. 54; ERP 1.00KW	KY 40206

L87-1716 BPTTL-830503IP	Statesman-Examiner, Inc. Sandpoint, ID/Channel 20	220 SOUTH MAIN STREET COLVILLE WA 99114 REQ:CHAN. 20; ERP 0.8 KW
L87-1717 BPTTL-840308QL	Gilbert Martinez/Douglas, AZ Channel 30	3720 GREENWICH DRIVE EL PASO TX 79902 REQ:CHAN. 30; ERP 3.92KW
L87-1718 BPTTL-8401169J	American Lo-Power TV Network, Inc. Centralia, WA/Channel 48	P.O. BOX 352 WESTFORD MA 01886 REQ:CHAN. 48; ERP 3.86KW
L87-1719 BPTTL-81033HXI	Gaylord Broadcasting Company Seattle, WA/Channel 41	P.O. BOX 11411 TACOMA WA 98411 REQ:CHAN. 41; ERP 1.65KW
L87-1720 BPTTL-830405JE	Mountain To Valley/Arroyo Grande, CA Channel 44	28 FLORAL DRIVE MONTICELLO NY 12701 REQ:CHAN. 44; ERP 30.6KW
L87-1721 BPTTL-830722IH	Erwin Scala Broadcasting Corp/ Arroyo Grande, CA/Channel 66	1229 POMEROY ROAD ARROYO GRANDE CA 93420 REQ:CHAN. 66; ERP 8.03KW
L87-1722 BPTTL-820616SQ	Arnold N. Applebaum/Santa Barbara, CA Channel 32	14830 VALLEY VIEW AVE. LA MIRADO CA 90638 REQ:CHAN. 32; ERP 9.99KW
L87-1723 BPTTL-EB0307IF	Millard V. Oakley/Storm Lake, IA Channel 46	P.O. BOX 520 LIVINGSTON TN 38570 REQ:CHAN. 46; ERP .652KW
L87-1724 BPTTL-830727QL	Bogalusa Daily News, Inc. Bogalusa, LA/Channel 64	525 AVENUE V BOGALUSA LA 70427 REQ:CHAN. 64; ERP 2.57KW
L87-1725 BPTTL-EK0307TO	Marcia L. Crittenden/Mobile, AL Channel 64	5020 N. 83TH STREET SCOTTSDALE AZ 85253 REQ:CHAN. 64; ERP 11.6HW
L87-1726 BPTT-810324JV	Mississippi Telecasting Co., Inc. Alexandria, LA/Channel 52	2001 GARRARD AVENUE GREENWOOD MS 38930 REQ:CHAN. 52; ERP 1.08KW
L87-1727 BPTTL-810202ID	Inner City Broadcasting Corporatio Montgomery, AL/Channel 64	601 SECOND AVENUE, # 303 NEW YORK NY 10017 REQ:CHAN. 64; ERP 8.74KW
L87-1728 BPTTL-HI0308WT	LPTV America/Athens, GA Channel 50	137 W. CHAPMAN AVE., #2 FULLERTON CA 92632 REQ:CHAN. 50; ERP 9.69KW
L87-1729 BPTTL-801229II	M & M Communications, Inc./Albany, GA Channel 68	606 SILVERSHORE DRIVE PENSACOLA FL 32507 REQ:CHAN. 68; ERP 14.9KW
L87-1730 BPTTL-810331IQ	Ronald J. Malik/Eugene OR. Channel 36	2907 MORGAN ROAD CERES CA 95307 REQ:CHAN. 36; ERP 18.3KW
L87-1731 BPTTL-EI0307MV	Kim Mooney/Odessa, TX Channel 49	798 FOX HILL COURT BOULDER CO 80303 REQ:CHAN. 49; ERP 37.6KW

L87-1732
BPTTL-HJ0308WM

Russell Communications/Amarillo, TX
Channel 69

137 W.CHAPMAN AVE.,STE.2
FULLERTON CA 92632
REQ:CHAN. 69; ERP 33.0KW

L87-1733
BPTTL-HI0308SF

Evangelina Garcia Garza
Cookeville, TN/Channel 44

BOX 3206
LA FERIA TX 78559
REQ:CHAN. 44; ERP 3.77KW

L87-1734
BPTTL-HN0308WH

Baby Boom Broadcasting Company
Missoula, MT/Channel 30

23642 CALABASAS ROAD,104
CALABASAS CA 91302
REQ:CHAN. 30; ERP 8.48KW



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3646

News media information 202/254-7874. Recorded listing of releases and texts 202/832-0002.

ERRATA

Notice is hereby given that the following applications ARE DELETED from the Public Notice, TELEVISION TRANSLATOR AND LOW POWER TELEVISION APPLICATIONS ACCEPTED FOR FILING: CUT-OFF DATE FOR FILING CONFLICTING APPLICATIONS, released February 7, 1984 (Report No. 83-7). These applications should NOT have been listed as subject to a cut-off date of March 8, 1984.

Report No. 83-7 Released: June 16, 1987

BPTTL-830802JJ/Channel 9
Rawlins, Wyoming
Russell Communications

BPTVL-83085JK/Channel 5
Brownwood, Texas
Russell Communications

BPTTL-820921PD/Channel 50
Golden, Colorado
National Broadcasting Company, Inc.

BPTTL-810318JH/Channel 36
Ft. Myers, Florida
E.O. Roden

BPTTL-821122TW/Channel 17
Crofton, Nebraska
Satellite Communications Corp.

BPTTL-821105TT/Channel 17
O'Neill, Nebraska
Jean Ikeme

Low Power/Television Translators: Proposed Construction Permits

Report No.: GL87-7

Released: June 18, 1987

Notice is hereby given that the television translator and low power television application(s) listed below have been accepted for filing. These applications, which are not mutually exclusive with other LPTV and TV translator applications have been fully reviewed and in the absence of petitions to deny, the applications appear to be grantable. Petitions to deny the application(s) may be filed with the Commission within 30 days of the date of this notice. Such petitions should clearly bear the caption of the applicable application listed below.

BMPTVL-8704271E K13QM
Gage Translator System
Gage, OK Channel 22

BPTT-8610221E K75BK
Community Television of
Southern California
Victorville, CA Channel 47

BMPTT-8704161A K64AT
Trinity Broadcasting Network, Inc.
Victorville, CA Channel 33

BPTT-8302281J K13RR
State of Alaska
Tok, AK Channel 13

BMPTVL-8704271C K07FX
Gage Translator System
Gage, OK Channel 18

BMPTVL-8704271D K10FR
Gage Translator System
Gage, OK Channel 20

BPTT-8705181C K77CP
Marsh Media of El Paso
Alamogordo, NM Channel 40



PUBLIC NOTICE

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432*

News media information 202/254-7674 Recorded listing of releases and texts 202/632-0002

Low Power/Television Translators: Proposed Construction Permits

Report No.: GL87-9

Released: August 6, 1987

Notice is hereby given that the television translator and low power television application(s) listed below have been accepted for filing. These applications, which are not mutually exclusive with other LPTV and TV translator applications have been fully reviewed and in the absence of petitions to deny, the applications appear to be grantable. Petitions to deny the application(s) may be filed with the Commission within 30 days of the date of this notice. Such petitions should clearly bear the caption of the applicable application listed below.

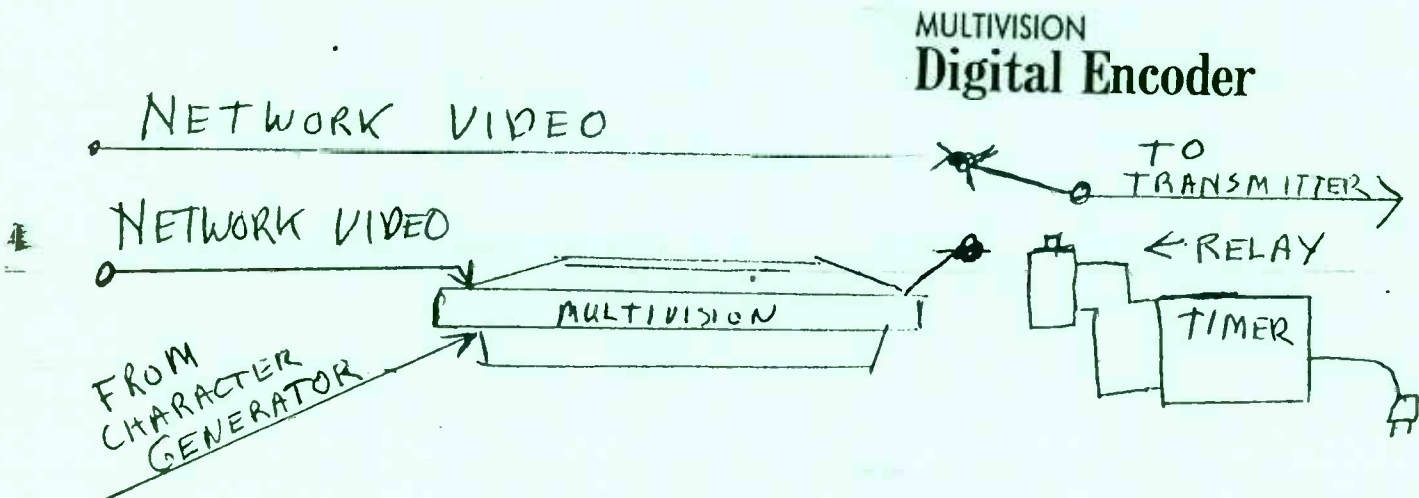
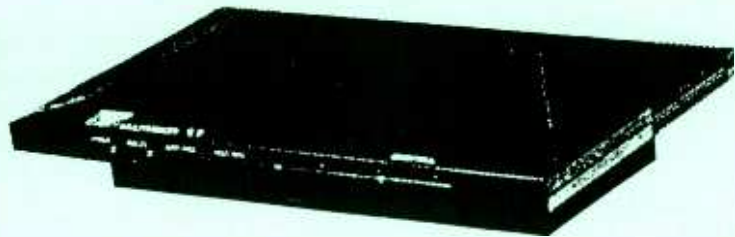
BPTTL-830309JT Mountain TV Network, Inc. Kerrville, TX	Channel 32	BPTTL-EN0307VK Sudbury Services, Inc. Cottonwood Point, MO	Channel 33
BPTTL-830331L3 Localvision Estherville, IA	Channel 59	BPTTL-810116OH Community Service Television Company Jacksonville, FL	Channel 67
BPTTL-840307SZ Lloyd A. Moriber Key West, FL	Channel 26	BPTTL-810217FY Microband Corporation of America Daytona Beach, FL	Channel 46
BPTVL-8403086Y Kennessee Communications Systems, Inc. Hopkinsville, KY	Channel 10	BPTTL-840222MN Inspiration TV of Southern Oregon Roseburg, OR	Channel 14
BPTTL-810217JE Continental Satellite Corporation Waco, TX	Channel 17	BPTTL-830314ZX Mountain TV Network, Inc. International Falls, MN	Channel 14
BPTTL-830224VT Mountain TV Network, Inc. Bay City, TX	Channel 63	BPTTL-8403072A Defene Mount Pleasant, MI	Channel 52
BPTTL-830331M8 Morris Durnell Ayrshire, IA	Channel 45	BPTTL-GK0308PT American Lo-Power TV Network, Inc. Trenton, MO	Channel 68
BPTTL-821112SR Telemedia, Inc. Poplar Bluff, MO	Channel 60	BPTTL-8303145A Mountain TV Network, Inc. Price, UT	Channel 41
BPTTV-840606IE Northern Television, Inc. Sutton, AK	Channel 66	BPTTL-830317MV Mountain TV Network, Inc. Dugway, UT	Channel 48
BPTTL-820617PP Blacks Desiring Media, Inc. Andalusia, AL	Channel 57	BPTTL-830311TX Mountain TV Network, Inc. Ringman, AZ	Channel 44
BPTTL-HN0308XS Baby Boom Broadcasting, Co. Eureka, CA	Channel 44	BPTTL-HT0308QT AGK Communications, Inc. Syracuse, NY	Channel 54
BPTTL-820615SJ Linda A. Clevenger Tifton, GA	Channel 56	BPTTL-810204IH M & M Communications, Inc. Winston Salem, NC	Channel 51
BPTTL-820616RO Animas Minority Broadcasters, Inc. Farmington, NM	Channel 31	BPTTL-830531IC Valley Wide Communications Rocky Ford, OR	Channel 19
BPTTL-820317TX The Sun Network, Inc. Flagstaff, AZ	Channel 32	BPTTL-830308ES Mountain TV Network, Inc. Medicine Lodge, KS	Channel 44
BPTTL-820617QG Blacks Desiring Media, Inc. Centralia, IL	Channel 32		

BPTTL-830311RC Mountain TV Network, Inc. Teterville, KS	Channel 44
BPTTL-830901JN Wireless Cable Broadcasting, Inc. Plainville, KS	Channel 50
BPTTL-831109UR Group Seven Communications, Inc. Ehrenburg, AZ	Channel 53
BPTTL-830802JL Russell Communications Rawlins, WY	Channel 18
BPTT-870430IK K06GF Marsh Media, Inc. Clovis, NM	Channel 43
BPTT-870211IC K80AQ Needles Community TV Club, Inc. Needles, CA	Channel 19
BPTT-870611IC K73EK Hansford County Translator System, Inc. Gruver, Texas	Channel 42
BPTT-870611IA K71EK Hansford County Translator System, Inc. Gruver, TX	Channel 38
BPTT-870619IK K78CY County of San Bernadino, Area 29 Lucerne Valley, CA	Channel 41
BPTT-850723IB K71AQ Citizens TV, Inc. Milton Freewater, OR	Channel 67



PHOTO above is Sharps Super VHS Camcorder. Most distributors are saying December for delivery on Super VHS, while the manufacturers are saying September. We have equipment on order, but no one yet has promised a delivery date.

PICTURED AT RIGHT is the Multivision Digital Switcher we wrote about and had photos of last issue, where it pictured inserting a second unsynced picture inside the main picture. There are no knobs or switches, everything is controlled by a wireless remote control. Here is the wiring we use to insert our schedule with the Network picture showing up in the window insert.



COMMERCIAL TV BROADCAST STATION APPLICATIONS ACCEPTED FOR FILING

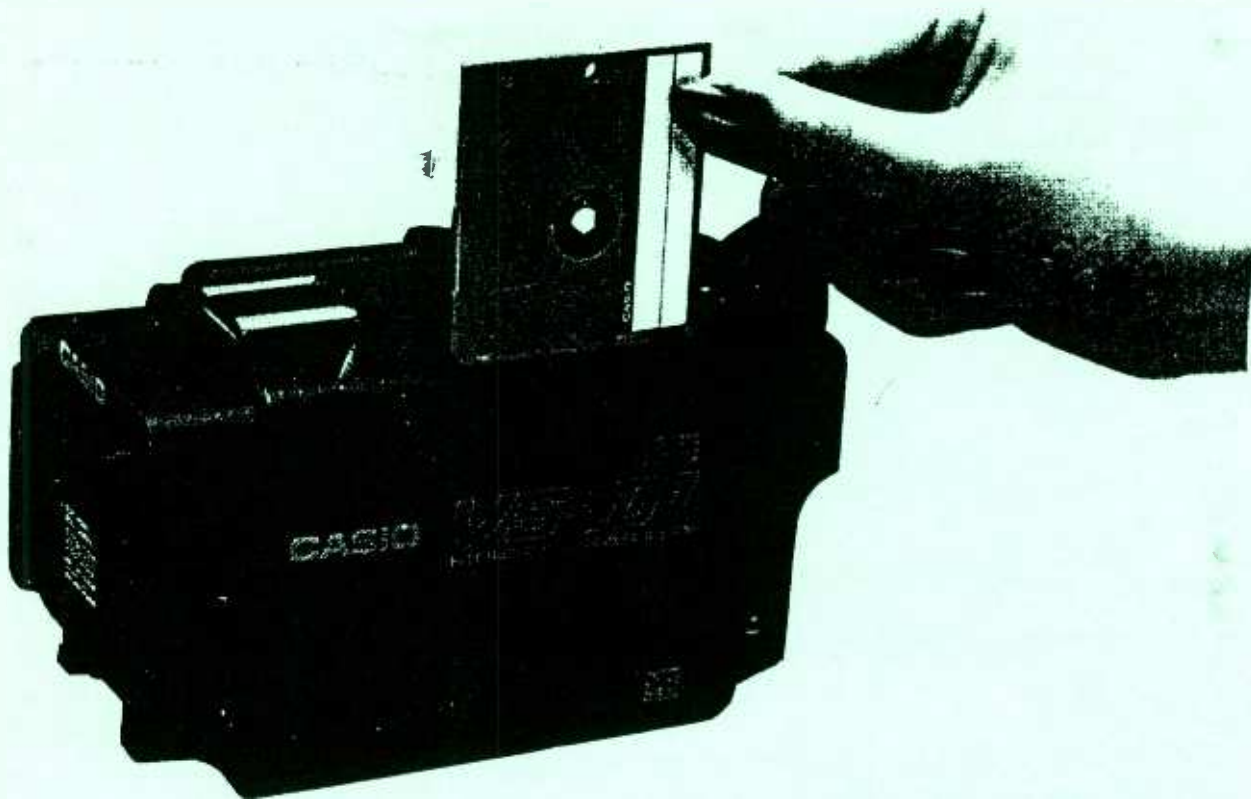
NY BPCT	-870610KM	NEW CHAN-48	RURAL NEW YORK BROADCASTING CORNING, NY	CP FOR NEW TV STN. TO SERVE CORNING, NEW YORK CH: 48 ERP VIS: 250 KW, HAAT: 129 M ANT: DIELECTRIC TPU-25J CUSTOM TL: HARDCRABBLE ROAD, 3.0 KILOMETERS WSW INTERSECTION RT. 417 AND HARDCRABBLE ROAD ADDISON, NEW YORK STEUBEN COUNTY 42-05-35 77-16-39 *AMENDED 8-5-87 TO CHANGE ERP, VIS., 1000 KW, HAAT: 238 M
OH BPCT	-870606KE	WCDM CHAN-68	COM III TV, INC. MANSFIELD, OH	MP (BPCT-830506L3) TO EXTEND COMPLETION DATE CP, GTD. 6-11-84 CP, EXP. 8-7-87 BARBARA R. MERLIE, ATTY.
PR BPCT	-870211KE	NEW CHAN-80	DBA/THE CHILDREN TELEVISION MEDIA ARECIBO, PR	CP FOR NEW TV STN. TO SERVE ARECIBO, PUERTO RICO CH: 60 ERP, VIS. 2000 KW, AUR. 200 KW, HAAT: 1618 FT. (493 M) ANT: BOGNER BU-32 TL: 1.1 MI N RT. 526 AT ESCUELA TANAMA GUADNICA, PUERTO RICO 18-14-06 66-45-36 *AMENDED 8/5/87, TO CHG. HAAT: 87 M, ANT: BOGNER BUM-24; TL: 0.5 MI (0.8 KM) N 279 DEGREES EAST FROM LA PICA; (18-28-04 66-52-19) MAJOR ENVIRONMENTAL ACTION.
WV BPCT	-870213KG	NEW CHAN-66	CARL N. FISHER FAIRMONT, WV	CP FOR NEW TV STN. TO SERVE FAIRMONT, WEST VIRGINIA CH: 66 ERP, VIS. 300 KW, AUR. 30 KW, HAAT: 338 FT. ANT. BOGNER BUM NIA 39-28-10 80-12-30 *AMENDED 8-4-87 TO CHANGE COORDINATES 39-28-02 80-12-26

UHF TRANSLATOR STATION APPLICATIONS TENDERED FOR FILING

CO	870622MG	NEW CHAN-41	PIKES PEAK BROADCASTING CO. DURANGO, CO	
CO	870622NB	NEW CHAN-39	PIKES PEAK BROADCASTING CO. LAKE GEORGE, CO	
ID	870622MP	NEW CHAN-61	HAGERMAN TRANSLATOR DISTRICT HAGERMAN, IO	
MD	870622MX	NEW CHAN-61	SATELLITE VIDEO BROADCASTING CO. MECHANICSVILLE, MD	
MN	870622MV	NEW CHAN-28	MIDCONTINENT BROADCASTING CO. MARSHALL, MN	
870622MB	NEW CHAN-64	WALKER RIVER PAIUTE TRIBE SCHURZ, NV	APP. FOR NEW TV TRANS TL- SUMMIT OF BLACK MTN. APPROX 4.4 MILES SE OF SCHURZ, NV. COOR: 38-57-58-118-53-21 TRANS: TTC, XL20VU 20 W. TRANS ANT: SCALA MANUFACTURING CORP. 4DR-4S ORIENT: 105 D. TRUE HGT: 20 FT. CH-64 SCHURZ, NV.	
870622MC	NEW CHAN-32	WALKER RIVER PAIUTE TRIBE SCHURZ, NV	APP. FOR NEW TV TRANS TL- SUMMIT OF BLACK MTN. APPROX 4.4 MILES SE OF SCHURZ, NV. COOR: 38-57-58-118-53-21 TRANS: TTC, XL20VU 20 W. TRANS ANT: SCALA ELECTRONICS CORP. 4DR-4S ORIENT: 105 D. TRUE HGT: 20 FT. CH-32 SCHURZ, NV.	
870622MD	NEW CHAN-58	WALKER RIVER PAIUTE TRIBE SCHURZ, NV	APP. FOR NEW TV TRANS TL- SUMMIT OF BLACK MTN. APPROX 4.4 MILES SE OF SCHURZ, NV. COOR: 38-57-58-118-53-21 TRANS: TTC, XL20VU 20 W. TRANS ANT: SCALA ELECTRONICS CORP. 4DR-4S ORIENT: 105 D. TRUE HGT: 20 FT. CH-58 SCHURZ, NV.	
870622ME	NEW CHAN-43	LYON COUNTY, NEVADA SILVER SPRINGS, NV	APP. FOR NEW TV TRANS TL- SUMMIT OF TALAPOOS PEAK, 7 M. NW OF SILVER SPRINGS, NV. COOR: 39-29-04-119-17-59 TRANS: TTC, UST106A 100 W. TRANS ANT: SCALA ELECTRONICS CORP. 4DR-16S ORIENT: 20 & 150 DEGREES TRUE. HGT: 40 FT. CH-43 SILVER SPRINGS, NV.	
870622MR	NEW CHAN-69	MIDCONTINENT BROADCASTING COMPANY SPEARFISH, SD	APP. FOR TV TRANS: TL-LOOKOUTMTN 1 MILE E. OF SPEARFISH .8 MILE N. U.S. RTE 85 COOR: 44-29-34-102-50-06 TRANS EMCEE TU-100-DU 100 W. TRANS ANT. BOGNER B16UB ORIENT: 55 D. TRUE HGT: 74 FT. CH-69 SPEARFISH, SD	
870622MT	NEW CHAN-28	MIDCONTINENT BROADCASTING COMPANY LANTRY, SD	APP. FOR TV TRANS: TL-5 NW OF TOWN COOR: 45-01-22-101-26-27 TRANS EMCEE TU-100-DU TRANS ANT. BOGNER B16UPM ORIENT: OMNI-DIRECTIONAL HGT 150 FT. CH-28 LANTRY, SD	

TRANSLATOR LOW POWER BROADCAST APPLICATIONS TENDERED FOR FILING

870622MQ	NEW CHAN-67	AMERICAN COMMUNITY B/CASTING, INC. BURLEY, IO	APP. FOR NEW LPTV TL: 2.76 MI NW OF ALBION, IDAHO COOR: 42-26-08-113-37-24 TRANS: ACRODYNE TLU-200-T 120W TRANS ANT: SCALA 4DR-8-S ORIENT: 324.4T HGT: 61 CH-67 BURLEY, IO	
870622NA	NEW CHAN-27	GAFFNEY TELECASTING INCORPORATED GAFFNEY, SC	APP. FOR NEW LPTV TL THICKETTY MTN NEAR GAFFNEY, S. C. COOR: 35-06-32-R1 46-08 TRANS EMCEE TU-100-DU 100W TRAP ANT. SCALA SL P ORIENT: OMNI-DIRECTIONAL HGT: 165 FT CH GAFFNEY, S.	
OH BPCT	-870622MF	WOBBV CHAN-8	HOWARD LP TELEVISION, INC. COLUMBUS, OH	CP TO CHANGE LOCATION TO 766 TWIN RIVER DR. COOR: 39-58-16 83-01-40 ORIENT: 310,35,110, 225 DEGREES TRUE AND ERP TO .083 KW



One of the items we have been waiting for now for several years, is the still video picture camera Sony developed years ago.

We wanted to use it in place of slides. It has other advantages, such as; you can send a "still" over the telephone in 2 minutes.

Each year we go to shows we have seen different parts of this disk still picture setup, finally available. Last year it was hard copies from the disks, etc., but none of the manufacturers had a delivery date for the camera. Now Casio promises to deliver the above camera in December for under \$1,600.

Still a bit high, but for commercial use it should be economically feasible, 50 pictures (stills) on one reusable magnetic disk.

No developing, the disk is the equivalent of a slide tray. The player will electronically select any "slide" you like. The disks are erasable and can be used over and over. We assume that eventually someone will offer these disks with "stock" generic slides, such as a still of a druggist filling a subscription, etc., that you can use for local commercials. The price of these cameras should come down considerably within a year.

NM	870623NT	NEW CHAN-64	REGENTS OF THE UNIV. OF ALBUQUERQUE RATON, MAXWELL, COLFAX, NM	CP FOR NEW TV TRANS. TL-EAGLE MTN. APPROX. 13.5 MILES SOUTH OF RATON, NM. COOR: 36 40-56-104 24-52. TRANS: 11 UST-106 100W. TRANS ANTENNA: SCALA SLR. ORIENT: OMNI. HGT: 57 FT. CH-64. RATON, MAXWELL, COLFAX, NM.
NV	870622MA	NEW CHAN-67	LYON COUNTY, NEVADA SILVER SPRINGS, NV	
NV	870622MB	NEW CHAN-64	WALKER RIVER PAIUTE TRIBE SCHURZ, NV	
NV	870622MC	NEW CHAN-32	WALKER RIVER PAIUTE TRIBE SCHURZ, NV	
NV	870622MD	NEW CHAN-98	WALKER RIVER PAIUTE TRIBE SCHURZ, NV	
NV	870622ME	NEW CHAN-43	LYON COUNTY, NEVADA SILVER SPRINGS, NV	
SD	870622MT	NEW CHAN-28	MIDCONTINENT BROADCASTING COMPANY LANTRY, SD	
SD	870622MU	NEW CHAN-34	MIDCONTINENT BROADCASTING CO. BIISON, SD	
UT	870623NR	NEW CHAN-28	BEAVER CITY BEAVER, UT	CP FOR NEW TV TRANS. TL-14 MI. N. OF BEAVER, UTAH ON GILLIES HILL. 38-27-04-112-39-05. TRANS: TTC. XLI00U 10 W. TRANS ANTENNA: SCALA PR450/U. ORIENT: 180 DEGREES. HGT: 30. CH-28. BEAVER, UT.
UT	870623NW	NEW CHAN-29	TROPIC CITY TROPIC, UT	CP FOR NEW TV TRANS. TL-6 1/2 MILES NORTH OF TROPIC, UTAH ON HENDERSON RIM. COOR: 37-42-46-112-04-37. TRANS: TELEVISION TECHNOLOGY CORP. XLI00U 10 W. TRANS. ANT: SCALA PR450/U. ORIENT: 180 D. HGT: 30. CH-29. TROPIC, UT.
UT	870623NX	NEW CHAN-20	HENRIVILLE TOWN HENRIVILLE, UT	CP FOR NEW TV TRANS. TL-1/4 MILE SOUTH OF HENRIVILLE, UTAH. COOR: 37-33-19-111-59-39. TRANS: TELEVISION TECHNOLOGY CORP. TL100 1W. TRANS. ANT: SCALA 4DR-4S. ORIENT: 0 D. HGT: 15 FT. CH-20. HENRIVILLE, UT.
WY	870623NS	NEW CHAN-45	PARK COUNTY CODY, WY	CP FOR NEW TV TRANS. TL-10 MI. NE OF CODY ON MCCULLOUGH PEAK. COOR: 44-36-25-108-51-30. TRANS: TTC. UUST-105B 100 W. TRANS ANTENNA: SCALA SLB. ORIENT: CIRCULAR PATTERN. HGT: 27 FT. CH-45. CODY, WY.
ID BPTT	-870619JH	K74CK CHAN-74	ORCHARDS COMMUNITY TV ASSN., INC. LEWISTON, ID	CP TO CHANGE CHANNEL FROM 74 TO 15.
ID BPTT	-870619JI	K708A CHAN-70	ORCHARDS COMMUNITY TV ASSN., INC. LEWISTON, ID	CP TO CHANGE CHANNEL FROM 70 TO 21.
ID BPTT	-870719JG	K72CY CHAN-72	ORCHARDS COMMUNITY TV ASSN., INC. LEWISTON, ID	CP TO CHANGE CHANNEL FROM 72 TO 30.
MN BPTT	-870623NE	K794H CHAN-79	COUNTY OF KOOCHICHING INTERNATIONAL FALLS, MN	CP TO CHANGE CHANNEL FROM 79 TO CHANNEL 51.
MN BPTT	-870623NF	K824J CHAN-82	COUNTY OF KOOCHICHING INTERNAT'L FALLS, MN	CP TO CHANGE CHANNEL FROM 82 TO CHANNEL 53.
MN BPTT	-870623NG	K708V CHAN-70	COUNTY OF KOOCHICHING KABETOGAMA, MN	CP TO CHANGE CHANNEL FROM 70 TO CHANNEL 69.
MN BPTT	-870623NH	K73CA CHAN-73	COUNTY OF KOOCHICHING KABETOGAMA, MN	CP TO CHANGE CHANNEL FROM 73 TO CHANNEL 65.
MN BPTT	-870623NI	K75AQ CHAN-75	COUNTY OF KOOCHICHING KABETOGAMA, MN	CP TO CHANGE CHANNEL FROM 75 TO CHANNEL 67.
MN BPTT	-870623NJ	K77CE CHAN-77	COUNTY OF KOOCHICHING INTERNATIONAL FALLS, MN	CP TO CHANGE CHANNEL FROM 77 TO CHANNEL 49.
NM BPTT	-870623NU	K63AX CHAN-63	REGENTS OF THE UNIVERSITY OF NM EAGLE NEST, NM	CP TO CHANGE TRANSMITTER TO TTC UST-106A 100W AND CHANGE ERP TO 0.574 KW.
OR BPTT	-870623MP	K40AK CHAN-40	BLUE MOUNTAIN TRANSLATOR DISTRICT ELGIN, OR	CP TO CHANGE CHANNEL FROM 40 TO CHANNEL 41.
OR BPTT	-870623MO	K548X CHAN-54	BLUE MTN. TRANS DISTRICT LAGRANDE, OR	MOD OF CP TO CHANGE TRANS ANT. TO SCALA PR-450 (BPTTL-830527 IL).
OR BPTT	-870623MR	K508M CHAN-50	BLUE MT. TRANSLATOR DISTRICT LAGRANDE, OR	MOD OF CP TO CHANGE TRANS ANT. TO SCALA PR-450 (BPTTL-830509 IE).
OR BPTT	-870623MU	K42AK CHAN-42	BLUE MT. TRANSLATOR DISTRICT ELGIN COMMUNITY, OR	CP TO CHANGE CHANNEL FROM 42 TO CHANNEL 43.
WY BPTT	-870623MK	K13UC CHAN-13	MANNA MEDIA CORPORATION CASPER, WY	CP TO CHANGE LOCATION TO 0.75 MILES N. OF PLATTE RIVER ON BRYAN STOCK TRAIL ROAD AND CHANGE TRANS ANTENNA TO SCALA ELECTRONIC CORPORATION HDCA-5.
NV	870622MA	NEW CHAN-67	LYON COUNTY, NEVADA SILVER SPRINGS, NV	APP. FOR TV TRANS. TL-SUMMIT OF TALAPOOSA PEAK, 7 MI. NW OF SILVER SPRINGS, NV. COOR: 39-28-04 113 11 59. TRANS: TTC. UUST106A, 100 W. TRANS. ANT: SCALA ELECTRONICS CORP. 4DR-4S. ORIENT: 20 A 150 D. TRUE. HGT: 26 FT. CH-67. SILVER SPRINGS, NV.

CO BMTTL -870622MH	K57CR CHAN-57	PIKES PEAK BROADCASTING COMPANY RIFLE, CO		
CO BMTTL -870622MI	K45AF CHAN-45	PIKES PEAK BROADCASTING COMPANY GRAND VALLEY, CO		
CO BMTTL -870622MJ	K35AF CHAN-36	PIKES PEAK BROADCASTING COMPANY NEW CASTLE, CO		
CO BMTTL -870622MK	K65CK CHAN-65	PIKES PEAK BROADCASTING COMPANY GLENWOOD SPRINGS, ETC. CO		
IA BPTTL -870623MG	K6OCL CHAN-60	WORD (WORLD OUT REACH FOR DELEVERANC EDUK, IA	00 OF CP TO CHANGE COOR TO ANTENNA TO SCALA SL-8	40-22-37- 91-22-10 AND TRANS.
IN BPTTL -870623MA	W6780 CHAN-67	SUN ESTE BROADCASTING CORPORATION CHATTANOOGA, TN	CP TO CHANGE OUTPUT POWER TO SWR LPTV-30A	1.00 KW AND TRANS ANTENNA TO
TX BMTTL -870623MF	K560F CHAN-56	SPECTRUM MEDIA MARY H ATKINS OBA AMARILLO, TX	MOD OF CP TO CHANGE COOR TO ANTENNA TO BOGNER B2400	35-16-04-101-53-06 AND TRANS. (BPTTL-8403055V)

UHF TRANSLATOR STATION APPLICATIONS ACCEPTED FOR FILING

AZ BPTT -870707JD	K18AC CHAN-18	LEE ENTERPRISES, INCORPORATED ORD VALLEY, AZ	CP TO CHANGE CHANNEL FROM 18 TO CHANNEL 62	
CA BPTT -870702IF	K62AK CHAN-62	KCST-TV, INC LA JOLLA, CA	AL FROM KCST-TV, INC TO SCI 2 INC. PRO FORMA (AITY/ DIANE A GOLDMAN)	
NM BPTT -870705IK	K63BR CHAN-63	REG. OF EASTERN N M UNIV TUCUMCARI, NM	CP TO CHANGE TRANSMITTER TO TELEVISION TECH XL 100 UU	
UT BPTT -870709IA	K8OCE CHAN-80	UNITED TELEVISION INC. NEWCASTLE & MILFORD, UT	CP TO CHANGE CHANNEL FROM 80 TO CHANNEL 65	
WA BPTT -870706IL	K71AA CHAN-71	KITTITAS CTY. TV IMPROVEMENT DIST. #1 ELLENBURG, WA	CP TO CHANGE TRANSMITTER TO TELEVISION TECHNOLOGY XL 100 IUU	

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Etc. Included

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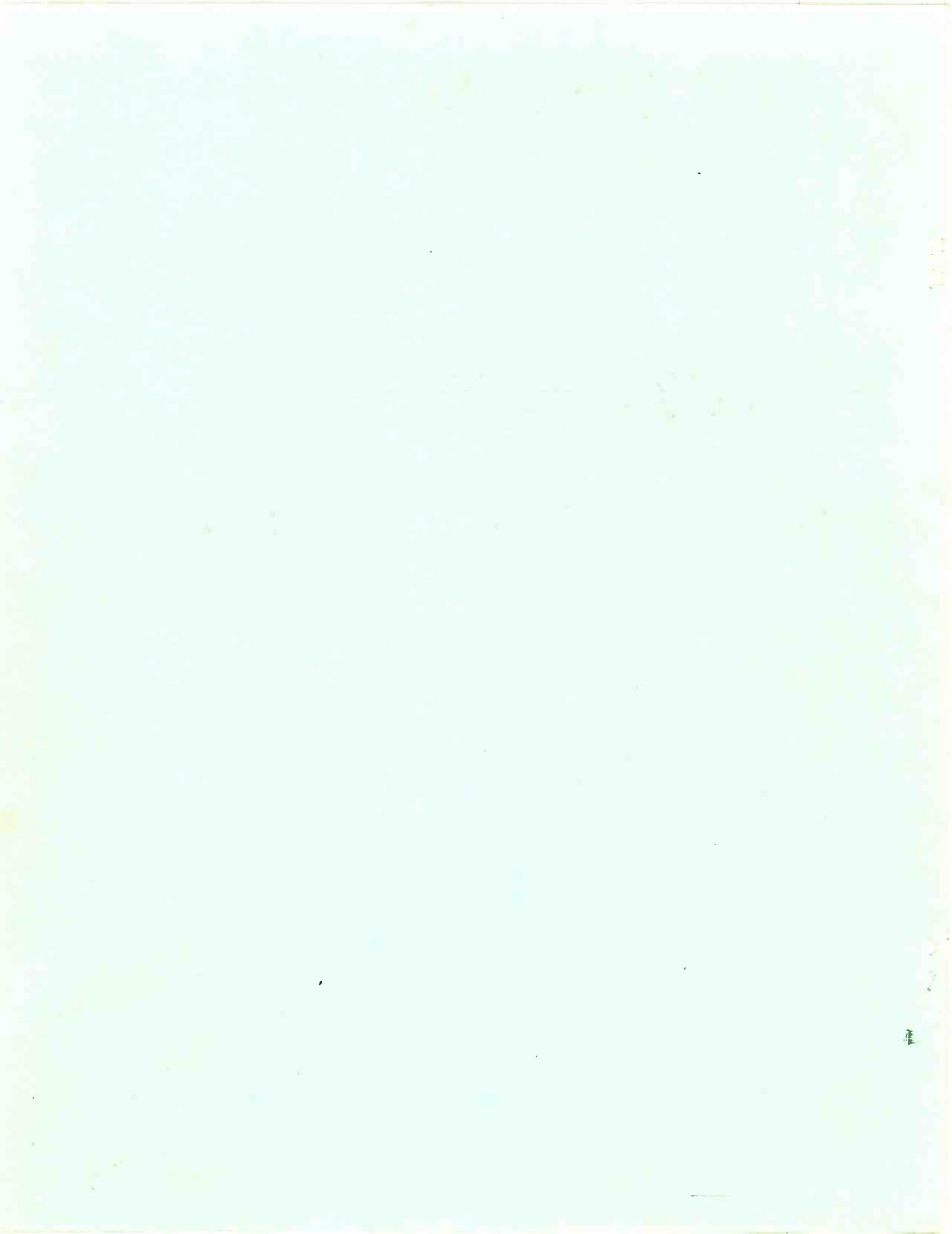
Filed by State, Channel and City. \$

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Lo-Power Community TV



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
1910 M STREET N.W.
WASHINGTON, D.C. 20554

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October 1987

News media information: 202/294-7874 Recordal listing of releases and forms: 202/632-0002

Low Power/Television Translators: Proposed Construction Permits

Report No.: GB87-11

Released: October 14, 1987

Notice is hereby given that the television translator and low power television applications listed below have been accepted for filing. These applications are not mutually exclusive with other LPTV and TV translator applications, and, in the absence of petitions to deny, appear to be grantable. Petitions to deny the applications may be filed with the Commission within 30 days of the date of this notice. Such petitions should clearly bear the caption of the applicable application listed below.

BPTV-870629C3	New	Channel 02	BPT-870623M2	New	Channel 48
A T Productions, Inc. Thomasville, Georgia			Vio Blanco County Television Association Meeker, Colorado		
BPTV-870629M1	New	Channel 02	BPT-870623M3	K77CE	Channel 49
Lyon Company, Inc. Jefferson, Iowa			County of Boocaching International Falls, Minnesota		
BPTV-870629Q0	K051M	Channel 05	BPTV-870625M1	New	Channel 24
Latin American Television, Ltd. Wichita, Kansas			Ashley Norman Davis, Jr. Defuniak Springs, Florida		
BPTV-870629R1	K07TE	Channel 07	BPTV-870629R0	New	Channel 25
Russell Communications Rawlins, Wyoming			Charles Francis Gauthier Lac du Flambeau, Wisconsin		
BPTV-870629PA	New	Channel 10	BPT-870629QK	W59A1	Channel 59
Harvard Broadcasting, Inc. Hartford, Connecticut			Evergreen Broadcasting Corp. State College, Pennsylvania		
BPTV-870629PT	New	Channel 11	BPT-870625M0	W59AS	Channel 59
Lloyd A. Moriber Islamorada, Florida			Full Gospel Business Men's Fellowship International - Eugene, Oregon Chapter Eugene, Oregon		
BPTV-870629R1	New	Channel 14	BPT-870623M1	New	Channel 65
Lloyd A. Moriber Big Pine Key, Florida			Letch Lake TV Corporation Walker, Minnesota		
BPTV-870625M1	New	Channel 17	BPTV-870702H4	W67BC	Channel 67
Shields Valley TV Tax District Livingston, Montana			Trinity Broadcasting Network, Inc. Dover, Delaware		
BPT-870629E1	New	Channel 17	BPTV-870629FC	W681Q	Channel 68
Town of Colorado City Colorado City, Arizona			O. L. Turner Morton, Illinois		
BPT-870622M5	New	Channel 17	BPTV-870629Q1	K27AO	Channel 68
Midcontinent Broadcasting Co. Kyle, South Dakota			Sawtooth Communications, Inc. Twin Falls, Idaho		
BPTV-870624M5	W22AE	Channel 22	BPT-870622M1	New	Channel 69
Allionis Communications, Inc. Lucyus, Ohio			Midcontinent Broadcasting Co. Spearfish, South Dakota		
BPTV-870629M1	New	Channel 23	BPTV-870629M2	New	Channel 27
Charles Francis Gauthier Lac du Flambeau, Wisconsin			Harry Virgil Toole et/as American Indian TV & Radio Network Mustogee, Oklahoma		
BPTV-870702H7	W39A1	Channel 39	BPT-870629M1	New	Channel 28
Trinity Broadcasting Network, Inc. Youngstown, Ohio			Northfork TV Translator System Strong City, Oklahoma		
BPT-870629E9	New	Channel 41	BPT-870622M1	New	Channel 28
Mohave County Board of Supervisors Dolan Springs, Arizona			Midcontinent Broadcasting Co. Lantry, South Dakota		
BPT-870625M1	New	Channel 41	BPT-870622M1	New	Channel 28
Famhandle Telecasting Co., d/b/a KITA TV Kress, Texas			Midcontinent Broadcasting Co. Marshall, Minnesota		
BPTV-870629M1	K41AA	Channel 41	BPTV-870702C5	E30B1	Channel 30
Communications Engineering, Inc. Nevada Test Site, Nevada			National Innovative Programming Network, Inc. of California Palo Alto, California		
BPTV-870629M1	New	Channel 43	BPTV-870629B5	W32AC	Channel 32
Gregory V. Browning Columbia, South Carolina			Full Gospel Business Men's Fellowship International, Muncie, Indiana Chapter Muncie, Indiana		
BPTV-870629M1	New	Channel 44	BPT-870622M1	New	Channel 34
David J. Stein Key Largo, Florida			Midcontinent Broadcasting Co. Bison, South Dakota		
BPTV-870629M1	New	Channel 46	BPTV-870629A6	E34BL	Channel 34
Edward R. Tinar Big Pine Key, Florida			Page Enterprises, Inc. Lovelock, Nevada		
BPTV-870629M1	New	Channel 47	BPTV-870629M1	New	Channel 36
Beach Broadcasting Orlando, Florida			Edwin B. Johnson Pelatine, Illinois		
			BPTV-870629M1	New	Channel 36
			Richard J. Washington Parker, Arizona		
			BPT-870629M1	E36BA	Channel 36
			State Of Oregon Acting By And Through The Oregon Commission On Public Broadcasting Burns, Oregon		

BPTT-J8070200 Channel 2 Associates Farmington, New Mexico	K50BN	Channel 50	BPTT-JA0702M Fraser Valley Metropolitan Recreation District Fraser, Colorado	New	Channel 33
BPTT-870629FR Miami Valley Christian Television, Incorporated Middletown, Ohio	New	Channel 51	BPTT-JA0702N1 Fraser Valley Metropolitan Recreation District Fraser, Colorado	New	Channel 27
BPTT-870629MJ Maupin Translator District Maupin, Oregon	New	Channel 52	BPTT-JA0702N9 James Edward Grich Glens Falls, New York	New	Channel 26
BPTT-870629FB Crescent Television Reception Improvement District Joyce, Washington	New	Channel 53	BPTT-JA0702NS Roseau County Roseau, Minnesota	New	Channel 48
BPTT-870629PA Northfork TV Translator System Elk City, Oklahoma	New	Channel 54	BPTT-JA0702NR Roseau County Roseau, Minnesota	New	Channel 46
BPTT-870629MP Inelda J. Strahan tr/as Community Television of Victoria Victoria, Texas	K55CP	Channel 55	BPTT-JA0702NP Town of Pahrump Pahrump, Nevada	New	Channel 24
BPTTTL-870702H2 Trinity Broadcasting Network, Inc. Duluth, Minnesota	K58CH	Channel 58	BPTT-JA0702ND Town of Pahrump Pahrump, Nevada	New	Channel 36
BPTT-870629MF Panhandle Telecasting Co., tr/as KFDA TV Portales, New Mexico	New	Channel 59	BPTT-JA0702J7 W. Russell Withers, Jr., tr/as Withers Broadcasting Company of West Virginia Forkstonburg, West Virginia	New	Channel 63
BPTT-870629MH Panhandle Telecasting Co., tr/as KFDA TV Clovis, New Mexico	New	Channel 26	BPTT-JA0702J5 Roy P. Park Broadcasting, Inc. Cotacoque, North Carolina	New	Channel 06
BPTT-870629ND Joseph J. Matta, Jr. Ocean Acres, New Jersey	New	Channel 26	BPTT-JA0702J4 Marsh Media of El Paso Truth Or Consequences, New Mexico	New	Channel 23
BPTTTL-870629PV Charles Francis Gauthier Lac du Flambeau, Wisconsin	New	Channel 27	BPTT-JA0702M Town of Pahrump Pahrump, Nevada	New	Channel 19

BPTTTL-87062964 Word of Life Fellowship, Inc. Palmer, Alaska	New	Channel 27	BPTTV-JA0702M4 White Sage Broadcasting Company Minneapolis, Minnesota	New	Channel 07
BPTT-8706: Park County Cody, Wyoming	New	Channel 45	BPTTTL-JA0702J8 KAL-TV, Ltd. Ashery, Illinois	New	Channel 68
BPTT-870623NH Beaver City Beaver, Utah	New	Channel 28	BPTT-JA0702J3 Marsh Media of El Paso Lordsburg, New Mexico	New	Channel 15
BPTTV-870624NA Escalante City Escalante, Utah	New	Channel 13	BPTT-JA0702C6 KUSK, Inc. Mesa, Arizona	New	Channel 17
BPTTV-870624NB Escalante City Escalante, Utah	New	Channel 11	BPTT-JA0702B4 Hoopa United Community Association Hoopa, California	New	Channel 32
BPTT-870623AK Henrieville Town Henrieville, Utah	New	Channel 20	BPTT-JA0702B9 Clark County School District Sandy Valley, Nevada	New	Channel 23
BPTT-870702N4 J.D.G. Television, Inc. Bentonville, Arkansas	New	Channel 34	BPTT-JA0702A8 Greater Washington Educational Telecommunications Association, Inc. Fredericksburg, Virginia	New	Channel 42
BPTTTL-870702NV Robert W. Sudbrink Effingham, Illinois	New	Channel 21	BPTTTL-JA0702M6 Sierra Joint Junior College District Grass Valley, California	New	Channel 20
BPTTTL-870702NW Robert W. Sudbrink Paducah, Kentucky	New	Channel 15	BPTT-JA0702A5 Greater Washington Educational Telecommunications Association, Inc. Winchester, Virginia	New	Channel 48
BPTTTL-JA0702NP Northeast Kansas Broadcast Service, Inc. Concordia, Kansas	New	Channel 16	BPTTVL-870629AA Shoreline Broadcasting Fort Myers, Florida	New	Channel 04
BPTTTL-JA0702NL Fraser Valley Metropolitan Recreation District Fraser, Colorado	New	Channel 36	BPTTTL-870629CY Beach Broadcasting Fort Myers, Florida	New	Channel 59

NPTL-87062901	New	Channel 06		
Harvard Broadcasting, Inc. Hartford, Connecticut				
NPTL-87062904	New	Channel 57		
John F. Craven, Jr. Blythe, California				
NPTL-87070242	W67RU	Channel 67		
Entertainment Systems, Inc. Savannah, Georgia				
NPTL-87070245	K75CB	Channel 20		
Chronicle Broadcasting of Wichita, Inc. Russell, Kansas				
NPTL-87070240	W6ZHC	Channel 62		
Channel 17 Associates, Ltd. Birmingham, Alabama				
NPTL-870702E4	New	Channel 13		
W. L. Armstrong Blackfoot, Idaho				
NPTL-870702D9	New	Channel 12		
Ellen M. Armstrong St. Anthony, Idaho				
NPTL-870702D8	New	Channel 28		
Pural Television System, Inc. Fort Benton, Montana				
NPTL-870702X9	New	Channel 64		
Ella Development Corporation Giles City, Missouri				
NPTL-870702C8	New	Channel 28		
KJM Communications Mammoth Lakes, California				
NPTL-870702C7	New	Channel 18		
Howard F. Roycroft Hullhead City, Arizona				
NPTL-870702B6	New	Channel 25		
United States Television Seattle North Bend, Washington				
NPTL-870702B4	W79AU	Channel 15		
Full Gospel Business Men's Fellowship International, Grand Rapids, Michigan Chapter Grand Rapids, Michigan				
NPTL-870702F4	W15AF	Channel 15		
Trinity Broadcasting Network, Inc. West Beach, Florida				
NPTL-870702B7	K38AT	Channel 38		
Center Broadcasting Corporation Twentynine Palms, California				
NPTL-870702B8	W57AQ	Channel 57		
MAZ Television, Inc. Calais, Maine				
NPTL-870702B3	W6ZNA	Channel 42		
University of North Carolina Hayesville, North Carolina				
NPTL-870629H0	New	Channel 62		
ACTS Broadcasting Company of Chesapeake, Inc. Chesapeake, Virginia				
NPTL-870702K3	K590B	Channel 59		
Residential Entertainment, Inc. Albuquerque, New Mexico				
NPTL-870624H3	New	Channel 69		
Thomas M. Winkle tr/as Tom Winkle Radio/TV Service Waller, Texas				
NPTL-870624H4	New	Channel 62		
C. L. & O. Translator System, Inc. Houston, Texas				
NPTL-870702B5	New	Channel 28		
Douglas M. Lane tr/as Baker County Family Television MacClenny, Florida				
NPTL-870702B8	New	Channel 19		
Skywave Communications Corporation Janesville, Wisconsin				

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NPTL-870702B5	New	Channel 34		
United States Television Seattle Port Angeles, Washington				
NPTL-870702B3	New	Channel 57		
Richard D. Boyner & Leonard M. Fink Riverside, New York				
NPTL-870701H4	New	Channel 19		
KAYU-TV Partners, Ltd. Grangeville, Idaho				
NPTL-870630H0	New	Channel 55		
Video Image Productions, Inc. Jasper, Alabama				
NPTL-870629H4	New	Channel 17		
ACTS Broadcasting Company of Chesapeake, Inc. Chesapeake, Virginia				
NPTL-870629H4	New	Channel 46		
Belvidere Daily Republican Co. Belvidere, Illinois				
NPTL-870629H4	New	Channel 14		
Channel 24, Ltd. Great Bend, Kansas				
NPTL-870702C2	New	Channel 57		
Schindler Community TV Services Belcourt, North Dakota				
NPTL-870629H4	New	Channel 40		
ACTS Broadcasting Company of Chesapeake, Inc. Chesapeake, Virginia				
NPTL-870702B5	W17AH	Channel 17		
Phisic Communications, Inc. Tallahassee, Florida				
NPTL-870702B4	K05BK	Channel 55		
Frontier Southwest Broadcasting, Inc. Little Rock, Arkansas				
NPTL-870702B4	New	Channel 59		
Schindler Community TV Services Belcourt, North Dakota				
NPTL-870702B4	New	Channel 28		
Athens Broadcasting Company, Inc. Athens, Alabama				
NPTL-870624H4	New	Channel 15		
Hayfield Town Hayfield, Utah				
NPTL-870702T4	New	Channel 20		
Ralph C. Wilson Industries, Inc. Kress, Texas				
NPTL-870702LD	New	Channel 48		
ACTS of Gatesville Gatesville, Texas				
NPTL-870702EP	New	Channel 27		
Town of Boulder Boulder, Montana				
NPTL-87070216	New	Channel 13		
Mendy Feldman Columbus, Ohio				
NPTL-870702E3	New	Channel 25		
NEPSI, Inc. Linneus, Maine				
NPTL-870702W4	New	Channel 46		
Carroll County TV Sida Springs, Idaho				
NPTL-870702W4	New	Channel 47		
Ojai Assembly of God Ventura, California				
NPTL-870702W4	New	Channel 11		
David James Alteri Massena, New York				
NPTL-870702W4	New	Channel 22		
John F. Runkle Ltd Vienna, New York				

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BPTL-870702D	New	Channel 34	BPTVL-870702E9	New	Channel 13
California Oregon Broadcasting, Inc. Murphy and New Hope, Oregon			Kevin O'Hane Oneida, Wampsville, Durhamville, Verona and Vernon, New York		
BPTL-870702C	New	Channel 25	BPTTV-JA0702T2	W07J	Channel 07
California Oregon Broadcasting, Inc. Gasquet, California			WENY, Inc. Ithaca, New York		
BPTVL-870702B	New	Channel 09	BPTL-JA0702U3	W04BN	Channel 04
Manuel A. Cantu Fort St. Jow, Florida			Charles Woods Orlando, Florida		
BPTVL-870702Y9	New	Channel 07	BPTVL-JA0702UC	W05ED	Channel 05
McKinley Walker Morehead, Kentucky			Weather Center International, Inc. Madison, Wisconsin		
BPTVL-870702Y7	New	Channel 10	BPTL-870702F7	New	Channel 15
Vearl Pennington Morehead, Kentucky			Monica Kimble Rochester, New York		
BPTVL-870702Y5	New	Channel 11	BPTT-JA0702UF	K15BK	Channel 15
Roger M. Oliver Berea, Kentucky			Sangre de Cristo Communications, Inc. Colorado Springs, Colorado		
BPTVL-870629P3	New	Channel 07	BPTL-JA0702UL	W14AH	Channel 14
TV 50, Inc. Corpus Christi, Texas			Trinity Broadcasting Network, Inc. Binghanton, New York		
BPTL-870702D8	New	Channel 15	BPTT-870624M2	New	Channel 27
Shelby Hills Public Television Oakley, Kansas			Garfield County Rural Garfield County, Utah		
BPTL-870702D1	New	Channel 52	BPTL-870702M2	New	Channel 43
Council for Public Television, Channel 6, Inc. Boulder, Colorado			MWT, Ltd. Santa Clara, Utah		
BPTT-870702D2	New	Channel 23	BPTT-870702N3	New	Channel 69
State Board of Directors for Educational Television Chamberlain, South Dakota			J.D.C. Television, Inc. Watts, Oklahoma		
BPTL-870702X6	New	Channel 25	BPTL-870702H5	New	Channel 19
Miles City Broadcasting Corporation Miles City, Montana			Capitol Broadcasting Company, Inc. Fayetteville, North Carolina		
			BPTL-870702H6	New	Channel 42
			Capitol Broadcasting Company, Inc. Greensboro, North Carolina		

BPTL-870702M5	New	Channel 66	BPTL-870702Q8	New	Channel 14
Town of Avon Avon, Colorado			William Y. Tankersley St. Augustine, Florida		
BPTT-870702M4	New	Channel 30	BPTT-870702H9	New	Channel 52
Town of Avon Avon, Colorado			Scripps Howard Broadcasting Company Flagstaff, Arizona		
BPTL-870702U3	K40AN	Channel 40	BPTL-870702D0	New	Channel 53
Lubbock Television Company Lubbock, Texas			Richard & Ann Vermillion West Palm Beach, Florida		
BPTL-870702VF	K50AP	Channel 50	BPTL-870702S3	New	Channel 26
Family Broadcasting, Inc. Honolulu, Hawaii			Stephen M. Kramer Blanco, Texas		
BPTL-870702W4	K23AJ	Channel 23	BPTL-870702N7	New	Channel 63
Red River Broadcast Corp. Devils Lake, North Dakota			Capitol Broadcasting Company, Inc. Raleigh, North Carolina		
BPTT-870702ZM	K19BK	Channel 19	BPTL-870702TM	New	Channel 47
State Of Oregon Acting By And Through The Oregon Commission On Public Broadcasting Lakeview, Oregon			Calvary Temple Church, Inc. Cape Girardeau, Missouri		
BPTT-JA0702A7	W15AD	Channel 15	BPTL-870702T1	New	Channel 65
Hardy County Rural Development Authority Wardensville, etc., West Virginia			William M. Udell Goshen, Indiana		
BPTL-JA0702D5	K16FD	Channel 15	BPTL-870702U1	New	Channel 61
F. Sandoval Burke Shreveport, Louisiana			TV Northeast, Inc. Bonia, Louisiana		
BPTL-JA0702I9	W04AK	Channel 04	BPTL-870702NL	New	Channel 42
WNY Television, Inc. Waterville, Maine			Netrona Broadcasting Company, Inc. Oak Harbor, Washington		
BPTL-JA0702H5	W07AK	Channel 28	BPTL-870702E1	New	Channel 34
Echonet Corporation Birmingham, Alabama			California Oregon Broadcasting, Inc. Willow Creek, California		
BPTL-JA0702P1	W48AE	Channel 48	BPTL-870702B8	New	Channel 22
Freedom WJAE-TV, Inc. Providence, Rhode Island			First City Broadcasting, Inc. St. Augustine, Florida		
BPTL-870702I6	New	Channel 59	BPTL-870702XL	W65AS	Channel 43
Lebanon ACTS Lebanon, Missouri			Full Gospel Business Men's Fellowship International, Crowley, Louisiana Chapter Crowley, Louisiana		

The big list of "stand alones" or "singletons", as FCC staff refers to them LPTV applications with no opposition, (no one else filed for a conflicting channel) application grant list is out and is enclosed and we expedite this out to you so you can see if you have competitors coming up, etc.

The file on top of everybody "to be paid off" people are apparently now over in the cellular telephone field, etc. and are finally leaving the serious LPTV application filers alone. Many obviously available channels in large cities went entirely unopposed surprisingly. Some of the large markets already booked up with applications and grants had a few people who figured out how to squeeze in one more and stand alone only because no one else figured it out. It looks like about 130 of these are moves, and there are some stand alones on the list from the earlier filings. Just because it is not on this list (another list of singletons is reported to be following shortly), does not mean it is not clear of opposition. The staff hopes to have all of these granted before the end of the year and the earliest possibility for another filing window they tell us is February, 1988.

By the next filing window, some of the deadwood, (C-P's outstanding that were filed on speculation) will be dismissed for not being built and cleared from the data base and available to the serious builders again.

It all finally looks good and it seems now like we have a serious business that has a chance to operate without being choked to death by "speculators".

All we have left to do now is get them on the air so they cover the market and then figure out how to make a buck with them.

RCA NEW CHARACTER GENERATOR

RCA has yet to deliver their first SVHS (expected very soon), but they're already out with a new character generator model CGA030 for use with a SVHS machine through the Y-C connectors unique with the SVHS system. (SVHS means "Super VHS") The machine allows up to 60 characters on a page. Four different sizes of type and 20 pages of memory and has a Word Register where it will store 40 frequently used words. In addition to being a character generator, the machine will do a curtain effect, window effect, scroll effect, time lapse image, clock calendar. The machine has a retail price of just \$295. The Y-C adapter VA003 necessary to use with standard VHS lists at \$69.95 and you will want to order that, also.



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NPTEL-870702NY	New	Channel 26
Robert D. Adelman Livermore, California		
NPTEL-870702M	New	Channel 30
Canderton Broadcast Group, Inc. Canderton, Missouri		
NPTEL-870702US	New	Channel 28
Rural Television System, Inc. Colstrip, Montana		
NPTEL-870702UZ	New	Channel 36
Robert W. Sudbrink Carbondale, Illinois		
NPTEL-870702PP	K05HQ	Channel 05
Ambassador Media Corporation Ashton, Idaho		
NPTEL-870702OM	W67BE	Channel 67
AVM, Inc. Augusta, Georgia		
NPTEL-870702CN	W58AV	Channel 58
Citizens Television System, Inc. Buffalo, New York		
NPTEL-870702CP	K25RD	Channel 25
Christians Incorporated for Christ, Inc. Hanson, Missouri		
NPTEL-870702QO	K21AP	Channel 21
Trinity Broadcasting Network, Inc. Topeka, Kansas		
NPTEL-870702KH	W51AG	Channel 51
Trinity Broadcasting Network, Inc. Presque Isle, Maine		
NPTEL-870702OU	K33AG	Channel 33
Trinity Broadcasting Network, Inc. Bend, Oregon		
NPTEL-870702F9	New	Channel 11
Craig L. Fox Syracuse, DeWitt, Jamesville and Onondaga Hill, New York		

NPTEL-JA0702VN	K52HS	Channel 52
Ferry Drucker Santa Fe, New Mexico		
NPTEL-JA0702VP	W36AC	Channel 36
Commonwealth Venture Systems, Inc. McComb, Mississippi		
NPTEL-JB0702NL	K06AX	Channel 16
Mountain TV Network, Inc. Central, New Mexico		
NPTEL-870702MH	New	Channel 34
Hawaii Public Broadcasting Authority Honolulu, Hawaii		
NPTEL-870702MC	New	Channel 62
Casely Telecommunications Corporation Addicks, Texas		
NPTEL-870702NB	New	Channel 09
Leo Kesselman Albuquerque, New Mexico		
NPTEL-870702VU	New	Channel 51
Ferry Drucker Grand Junction, Colorado		
NPTEL-870702VL	New	Channel 04
James D. Kordky, Jr. Tulsa, Idaho		
NPTEL-870702LJ	New	Channel 13
Studio 5, Inc. Fortage, Indiana		
NPTEL-87070217	New	Channel 23
Samuel A. Westbrook and Ethelene W. Westbrook Nashville, Arkansas		
NPTEL-870702J5	New	Channel 38
Froville Community Broadcasting, Inc. Lenoir City, Tennessee		
NPTEL-870702J8	New	Channel 68
Froville Community Broadcasting, Inc. Lenoir City, Tennessee		

NPTEL-870702H6	K47BE	Channel 47
Trinity Broadcasting Network, Inc. Boise, Idaho		
NPTEL-870702S2	K53CH	Channel 53
Catholic Views Broadcasts, Inc. St. Paul, Minnesota		
NPTEL-870702S5	K47AO	Channel 47
Marilyn Hickey Ministries Denver, Colorado		
NPTEL-870702TR	K56AU	Channel 56
Trinity Broadcasting Network, Inc. Columbia, Missouri		
NPTEL-870702TS	K58BX	Channel 58
Trinity Broadcasting Network, Inc. Davenport, Iowa		
NPTEL-870702TW	K28AI	Channel 28
Chris and Jo Ann's Broadcasting Company Walgeton, North Dakota		
NPTEL-870702FB	New	Channel 10
David James Alteri Canton and Potsdam, New York		
NPTEL-JA0702JK	K17AI	Channel 17
Chris and Jo Ann's Broadcasting Company Fergus Falls, Minnesota		
NPTEL-870702N3	New	Channel 25
BJM Communications (A Partnership) Marroth Lakes, California		
NPTEL-JA0702JU	K06GL	Channel 46
Sierra Grande TV Cooperative, Inc. Capulin and Des Moines, New Mexico		
NPTEL-JA0702JV	W42A7	Channel 42
Communicating Corporation Washington, D.C.		
NPTEL-JA0702VF	K08BH	Channel 42
Sierra Grande TV Cooperative, Inc. Capulin and Des Moines, New Mexico		

NPTEL-870702H7	New	Channel 68
William W. Udell La Porte, Indiana		
NPTEL-870702NB	New	Channel 07
Prairie Television District Terry, Montana		
NPTEL-870702T2	New	Channel 41
Dennis Macey Fortuna, Arizona		
NPTEL-870702VE	New	Channel 36
California Oregon Broadcasting, Inc. Blue Lake, California		
NPTEL-870702V6	New	Channel 22
Arizona Board of Regents for Arizona State University Snowlow, Lakeside and Pinetop, Arizona		
NPTEL-870702ND	New	Channel 24
Montezuma-Dolores County Metropolitan Recreation District Dolores, Colorado		
NPTEL-870702NG	New	Channel 10
Montezuma-Dolores County Metropolitan Recreation District Dolores, Colorado		
NPTEL-JA0702VB	New	Channel 52
MXU Television, Inc. Roarman, Ohio		
NPTEL-JB0702NA	New	Channel 61
Schindler Community TV Services Belcourt, North Dakota		
NPTEL-JB0702NG	New	Channel 55
TV Northeast, Inc. Bonita, Louisiana		
NPTEL-JB0702NK	New	Channel 15
Lee E. Hollingsworth Worland, Wyoming		

BPTL-JA0702SI	New	Channel 33	BPTL-JB0702TN	New	Channel 61
Howard P. Ratle Clarksville, Tennessee			Tennessee River Television, Inc. Runtaville, Alabama		
BPTL-JA0702SU	New	Channel 69	BPTL-JA0702TC	New	Channel 04
Elba Development Corporation Athelstan, Iowa			James D. Nordby, Jr. Soda Springs, Idaho		
BPTL-JA0702SS	New	Channel 49	BPTL-JA0702TK	New	Channel 19
New Mexico Broadcasting Co., Inc. Clovis, New Mexico			Rene Hinojosa Waco, Texas		
BPTL-JA0702ST	New	Channel 53	BPTL-JA0702TY	New	Channel 24
Elba Development Corporation Washington Center, Missouri			George Kumble Pottsville, Pennsylvania		
BPTL-JA0702SR	New	Channel 44	BPTL-JB0702QW	New	Channel 55
New Mexico Broadcasting Co., Inc. Tucumanári, New Mexico			Porquoi Pas TV Saco, Maine		
BPTL-JA0702SD	New	Channel 03	BPTL-870702YV	R07BV	Channel 07
Ellen M. Armstrong Twin Falls, Idaho			The City of Duray Duray, Colorado		
BPTL-JA0702SM	New	Channel 48	BPTL-JB0702RW	New	Channel 48
Stephen C. and Bonnie B. Schmidt Harberth, Pennsylvania			Kentucky Central Television, Inc. Harrogate, Tennessee		
BPTL-JA0702SL	New	Channel 66	BPTL-JA0702RT	New	Channel 12
Altes Ellipee, Inc. Shepherdsville, Kentucky			Jeanne Conrad Nashville, Tennessee		
BPTL-JA0702SI	New	Channel 08	BPTL-JA0702U4	New	Channel 07
William L. Armstrong Jerome, Idaho			Abilene Christian University Abilene, Texas		
BPTL-JA0702SC	New	Channel 25	BPTL-JB0702RF	New	Channel 47
Wilmington Telecasters, Inc. Lumberton, North Carolina			Joseph F. & Irene F. Gans Berwick, Pennsylvania		
BPTL-JA0702S3	New	Channel 64	BPTL-JA0702NR	New	Channel 39
Abilene Christian University Abilene, Texas			Northeast Kansas Broadcast Service, Inc. Junction City, Kansas		
BPTL-JA0702TS	New	Channel 25	BPTL-JA0702NQ	New	Channel 33
W. Russell Withers et/as Withers Broadcasting Company of Colorado Moab, Utah			Northeast Kansas Broadcast Service, Inc. Manhattan, Kansas		

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BPTL-JA0702US	New	Channel 51	BPTL-870702M2	W6SAT	Channel 43
Abilene Christian University Abilene, Texas			University of North Carolina Marion, North Carolina		
BPTL-JA0702UL	New	Channel 14	BPTL-870702VI	K08RX	Channel 08
Atwater Kent Communications Hillsboro, Oregon			Webb-Johnson Paris L.P.T.V. Paris, Texas		
BPTL-870702PP	K05HQ	Channel 05	BPTL-870702VY	K54AT	Channel 54
Ambassador Media Corporation Ashton, Idaho			Red River Broadcast Corp. Brainerd, Minnesota		
BPTL-JB0702ST	New	Channel 33	BPTL-870702US	W16AF	Channel 16
Ojai Assembly of God Ojai, California			American Christian Television Network Columbus, Georgia		
BPTL-JB0702SL	New	Channel 08	BPTL-870702VB	W46AN	Channel 46
Lee J. Stillwell Challis, Idaho			Media Properties Panama City, Florida		
BPTL-JB0702SK	New	Channel 13	BPTL-870702PE	New	Channel 31
W. L. Armstrong Shelley, Idaho			Rural Western UHF TV Corporation Appleton, Minnesota		
BPTL-JB0702RT	New	Channel 34	BPTL-870702PD	New	Channel 27
Landmark Cablevision Associates Coleman, Texas			KEZI, Inc. Coos Bay, Oregon		
BPTL-JB0702NR	New	Channel 64	BPTL-870702PB	New	Channel 30
James W. Feasel Columbus, Ohio			Nelson Enterprises, Inc. Plano, Illinois		
BPTL-JB0702RE	New	Channel 04	BPTL-JA0702S2	New	Channel 63
Joseph S. & Irene F. Gans Hazleton, Pennsylvania			Evelyn Puerca Aguada, Puerto Rico		
BPTL-JB0702RC	New	Channel 63	BPTL-JA0702RO	New	Channel 07
New Mexico Broadcasting Co., Inc. Lordsburg, New Mexico			Craig L. Fox Cazenovia, New York		
BPTL-JB0702RB	New	Channel 24	BPTL-JA0702RB	New	Channel 40
Greasewood Community Club Greasewood, Arizona			Norowan TV Improvement Association St. James, Minnesota		
BPTL-JB0702QI	New	Channel 27	BPTL-JB0702RI	New	Channel 24
Jewel B. Callahan Broken Bow, Oklahoma			Joseph S. & Irene F. Gans Clarks Summit, Pennsylvania		

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BPTL-JB0702M5	New	Channel 58	BPTT-870625AL	K57CX	Channel 57
Northwest Kansas Broadcast Service, Inc. Lawrence, Kansas			Reagher County Public Television, Inc. White Sulphur Springs, Montana		
BPTT-JB0702JW	New	Channel 23	BPTT-870624MP	New	Channel 22
W. Russell Withers, Jr., et/as Withers Broadcasting Company of Colorado Farrington, New Mexico			Glendive Broadcasting Corporation Vida, Montana		
BPTL-JB0702TW	New	Channel 28	BPTT-JB0702NF	New	Channel 29
Palo Verde Valley T-V Club, Inc. Blythe, California			NEPSK, Inc. Hamlin, Maine		
BPTL-JB0702ND	New	Channel 18	BPTT-JB0702NH	New	Channel 44
Ellen Bloom Phoenix, Arizona			Roy E. Henderson El Paso, Texas		
BPTT-870702J7	New	Channel 46	BPTT-870702VB	New	Channel 34
Howard F. Roycroft Cottonwood, Arizona			Front Range Educational Media Corporation Montrose, Colorado		
BPTT-870702Q3	New	Channel 25	BPTT-870702TV	K23AS	Channel 23
Kelly Television Company Aberdeen, Washington			B & J Communications, Inc. Aberdeen, Washington		
BPTT-870702Q2	New	Channel 62	BPTT-870702QV	New	Channel 40
The New York Times Broadcasting Service, Inc. Malden, Missouri			Continental Television Network, Inc. Lewistown, Montana		
BPTL-870702Q4	New	Channel 53	BPTT-JA0702V3	New	Channel 62
Trinity Engineering Company, Inc. Carter Lake, Iowa			Lyman TV Association La Barge, Wyoming		
BPTL-870702PY	New	Channel 05	BPTL-870702PJ	New	Channel 55
Ellen M. Armstrong Twin Falls, Idaho			Schindler Community TV Services Belcourt, North Dakota		
BPTL-870702JW	New	Channel 19	BPTT-870624MY	New	Channel 45
Arne A. Nordby Border, Wyoming			Garfield County Rural Garfield and Kane Counties, Utah		
BPTL-870702PR	New	Channel 28	BPTT-JB0702NK	New	Channel 21
The Church of the Crosses, Inc. Socorro, New Mexico			WITM-TV, Inc. Morehead City, North Carolina		
			BPTL-JA0702H8	New	Channel 22
			Palo Verde Valley T-V Club, Inc. Blythe, California		

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BPTL-870702PQ	New	Channel 28	BPTT-JB0702HD	New	Channel 43
Paging Associated, Inc. West Haven, Connecticut			Region 1 Translator Association Julesburg, Colorado		
BPTL-870702PK	New	Channel 53	BPTT-JB0702HH	New	Channel 40
Schindler Community TV Services Belcourt, North Dakota			Elko Television District Bosawne, Nevada		
BPTT-870702PF	New	Channel 14	BPTL-JA0702H8	New	Channel 45
Howard F. Roycroft Kingman, Arizona			Calvary Temple Church, Inc. Cape Girardeau, Missouri		
BPTT-870702QY	New	Channel 52	BPTL-870629C3	New	Channel 35
Continental Television Network, Inc. Havre, Montana			Carlin Television District Carlin, Nevada		
BPTT-870702QI	New	Channel 45	BPTT-870625H8	New	Channel 53
Prime Time Christian Broadcasting, Inc. Rosado, New Mexico			Lester J. Dietz Laytonville and Fort Bragg, California		
BPTL-870702QF	New	Channel 48	BPTL-JB0702HO	K29EC	Channel 29
Glenn R. & Karin A. Plummer Detroit, Michigan			Russell Communications Rawling, Wyoming		
BPTT-870702QK	New	Channel 40	BPTL-JA0702PB	New	Channel 14
Continental Television Network, Inc. Cut Bank, Montana			Lincoln Memorial University Marrogate, Tennessee		
BPTT-870702V9	New	Channel 40	BPTV-JB0702PH	New	Channel 04
Front Range Educational Media Corporation Maunula Hot Springs, Colorado			Birmingham Television Corporation Sylacauga, Alabama		
BPTL-870702TU	W62BH	Channel 62	BPTL-JA0702PE	New	Channel 20
Trinity Broadcasting Network, Inc. Hopkinsville, Kentucky			Freedom WJNE-TV, Inc. New Bedford, Massachusetts		
BPTL-870702YA	New	Channel 12	BPTL-JA0702PC	New	Channel 18
Manuel A. Cantu Perry, Florida			Lincoln Memorial University Marrogate, Tennessee		
BPTT-870624MD	New	Channel 67	BPTT-JB0702HI	New	Channel 50
Glendive Broadcasting Corporation Wolf Point, Montana			Elko Television District Elko, Nevada		
BPTL-870702QO	W09NE	Channel 09	BPTT-870623NA	New	Channel 28
Television Board of Calvary Temple, Inc. East Millinocket, Maine			Rio Blanco County Television Association Rangely, Colorado		

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BPTT-JB0702M	New	Channel 63	BPTVL-JA0702Q1	New	Channel 06
KMVT Broadcasting, Inc. Wells, Nevada			Jeremy D. Lonsman Salinas, California		
BPTT-JB0702M1	New	Channel 14	BPTVL-JA0702Q0	New	Channel 07
HEFSR, Inc. Houlton, Maine			Manuel A. Cantu Dublin, Georgia		
BPTT-JB0702M2	New	Channel 39	BPTTL-JA0702Q0	New	Channel 26
Smoky Hills Public Television Norton, Kansas			Richard L. Jolliff Marietta, Ohio		
BPTT-870702M3	New	Channel 49	BPTTL-JA0702Q0R	New	Channel 56
Gunnison County Metropolitan Recreation District Crested Butte South, Colorado			James M. Shaheen Delaware, Ohio		
BPTT-JB0702Q1	New	Channel 61	BPTVL-JA0702Q0	New	Channel 04
KMVT Broadcasting, Inc. Wells, Nevada			Day Star Ministries Sharon, Tennessee		
BPTT-JB0702PB	New	Channel 23	BPTVL-JA0702Q0M	New	Channel 11
Smoky Hills Public Television Goodland, Kansas			James D. Nordby, Jr. Swan Valley, Idaho		
BPTTV-JA0702P0	New	Channel 09	BPTTL-JA0702Q0K	New	Channel 17
Roy H. Park Broadcasting of Virginia, Inc. Harrisonburg, Virginia			Redwood TV Improvement Corp. Redwood Falls, Minnesota		
BPTT-JB0702PS	New	Channel 21	BPTT-JB0702Q0S	New	Channel 20
Northern Minnesota Public Television, Inc. Thief River Falls, Minnesota			M & C Communications, Inc. Sierra Vista, Arizona		
BPTTL-JA0702H0	New	Channel 18	BPTT-JB0702Q0H	New	Channel 51
Rudney A. Miller Paducah, Kentucky			New Mexico Media, Ltd. License Holding Company Santa Rosa, New Mexico		
BPTT-JA0702PP	New	Channel 44	BPTT-JB0702Q0N	New	Channel 57
Sierra Grande TV Cooperative, Inc. Capulin and Des Moines, New Mexico			KMVT Broadcasting, Inc. Jackpot, Nevada		
BPTT-JA0702PS	New	Channel 24	BPTTL-JA0702Q0Y	New	Channel 15
Channel 17 Associates, Ltd. Anniston, Alabama			Redwood TV Improvement Corp. Redwood Falls, Minnesota		
			BPTT-JB0702XL	New	Channel 66
			Resort Broadcasting Company La Pine, Oregon		

BPTVL-JA0702PV	New	Channel 07	BPTT-870702JB	New	Channel 48
Diocese of Scranton Wilkes-Barre, Pennsylvania			Mono County Service Area 45 Seauger Creek, California		
BPTT-JB0702PC	New	Channel 32	BPTTL-JB0702PY	New	Channel 48
Smoky Hills Public Television Oberlin, Kansas			Linda Day Spain Casper, Wyoming		
BPTT-JB0702PC	New	Channel 49	BPTTL-870702PS	New	Channel 53
New Jersey Public Broadcasting Authority Cape May Court House, New Jersey			The Church of the Crosses, Inc. Silver City, New Mexico		
BPTTL-JA0702PY	New	Channel 41	BPTTL-JA0702RL	New	Channel 53
Diocese of Scranton Berwick, Pennsylvania			Kevin O'Kane Utica, New York		
BPTVL-JA0702Q2	New	Channel 12	BPTTL-JA0702RH	New	Channel 32
Wendy Feldman St. Joseph, Missouri			George W. Kinkle Williamsport, Pennsylvania		
BPTT-JA0702Q7	New	Channel 43	BPTTL-JB0702RH	New	Channel 30
New Mexico Media, Ltd. License Holding Company Las Vegas, New Mexico			U.P.T.V. Systems, Inc. Iron Mountain, Michigan		
BPTT-JA0702Q9	New	Channel 42	BPTTL-JB0702HQ	New	Channel 33
London Bridge Broadcasting, Inc. Lake Havasu City, Arizona			Richard Richards Sierra Vista, Arizona		
BPTVL-870622PF	W08BV	Channel 08	BPTT-JA0702US	K53BK	Channel 14
Howard LP Television, Inc. Columbus, Ohio			Ambassador Media Corporation Burley, Rupert Area, Idaho		
BPTVL-JA0702Q3	New	Channel 07	BPTTL-870702A4	W61AZ	Channel 61
Wendy Feldman St. Joseph, Missouri			Bogner Antenna Corp. New Orleans, Louisiana		
BPTVL-JA0702Q4	New	Channel 05	BPTTL-870622HG	K60CL	Channel 60
Kennedy Broadcasting Williamsport, Pennsylvania			World Out Reach For Deliverance Reokuk, Iowa		
BPTTL-JA0702Q0	New	Channel 20	BPTTL-870622H1	K45AF	Channel 45
Diana Castro Hagee San Antonio, Texas			Pikes Peak Broadcasting Company Grand Valley, Colorado		
BPTVL-JA0702XL	New	Channel 06	BPTTL-870622H1H	K57CR	Channel 57
Carol E. Schatz Jacksonville, Florida			Pikes Peak Broadcasting Company Rifle, Colorado		

BPTT-870622B New Channel 64
Walker River Paiute Tribe
Schurz, Nevada

BPTVL-87070224 New Channel 07
Jeanne Conrad
Baton Rouge, Louisiana

BPTVL-870702Y6 New Channel 06
Vearl Pennington
Mt. Sterling, Kentucky

BPTT-870702GL New Channel 31
Hawaii Public Broadcasting Authority
Maui, Hawaii

BPTTL-870702UY K3SAU Channel 35
Santa Maria Communications
Kalispell/Whitefish, Montana

BPTTL-JA0702M4 New Channel 50
Dwight R. Magnuson
Knoxville, Tennessee

BPTTL-JB0702MR New Channel 20
Robert H. Gray
Palm Springs, California

BPTTL-JA0702S7 New Channel 67
Michael Gliner
Rock Hill, South Carolina

BPTT-JA0702KU New Channel 52
Elko Television District
Elko, Nevada

BPTT-870622ND New Channel 58
Walker River Paiute Tribe
Schurz, Nevada

BPTT-870622ND New Channel 53
Wellton-Mohawk Irrigation
and Drainage District
Martinez Lake, Arizona

BPTT-870622MH New Channel 29
Bear Lake County T.V. District
Montpelier, Idaho

BPTTL-870702TL New Channel 32
Tedford E. Kimbell
Jacob Lake, Arizona

BPTT-870622MP Channel 61
Nagerman Translator District
Nagerman, Idaho

BPTT-870622MH New Channel 25
Bear Lake County T.V. District
Montpelier, Idaho

BPTT-870702ST New Channel 34
Salmon Television Translator District
Salmon, Idaho

BPTTL-JA0702SR New Channel 27
Blaine County Public
Television, Inc.
Marion, Montana

BPTTL-870702VM New Channel 32
Tedford E. Kimbell
Show Low, Arizona

BPTT-870622D7 New Channel 14
Central Wyoming College
Teton Village, Wyoming

BPTVL-870622EB W03AW Channel 03
Benny Carle Broadcasting, Inc.
Florence, Alabama

BPTT-870622MX K3SAA Channel 35
Communications Engineering, Inc.
Nevada Test Site, Nevada

BPTT-870702AS W23AA Channel 23
Channel 23 Southampton Corp.
Southampton and Quogue, New York

BPTT-870622CL New Channel 18
Cordon Broadcasting, Inc.
Lincoln, Nebraska

BPTVL-870702Y8 New Channel 02
McKinley Walker
Mt. Sterling, Kentucky

BPTT-870622NC New Channel 51
Wellton-Mohawk Irrigation
and Drainage District
Martinez Lake, Arizona

BPTTV-870622HS New Channel 06
City of Cabbs
Cabbs, Nevada

BPTT-JA0702MH New Channel 39
Fraser Valley Metropolitan
Recreation District
Fraser, Colorado

BPTT-870622NL New Channel 23
Bear Lake County T.V. District
Montpelier, Idaho

BPTT-JA0702MA New Channel 47
Region 1 Translator Association
Pleasant Valley, Colorado

BPTTL-JA0702D3 New Channel 65
Quenter Marksteiner
Jacksonville, Florida

BPTT-870622MI New Channel 21
Television Improvement Association
Ukiah, California

BPTT-870622MP New Channel 21
Bear Lake County T.V. District
Montpelier, Idaho

BPTVL-JA0702JX W12BK Channel 12
Weigel Broadcasting Co.
South Bend, Indiana

BPTT-870702ZJ New Channel 30
Salmon Television Translator District
Salmon, Idaho

BPTVL-870622ML W10A2 Channel 10
Ruerch Associates, A Virginia
Limited Partnership
Woodstock, Virginia

BPTTL-870702MA W40AD Channel 40
Media Properties
Columbus, Ohio

BPTTL-870622NE New Channel 22
Joseph J. Matta, Jr.
Rockaway, New Jersey

BPTT-JB0702ZA K7OCR Channel 56
Pagosa Springs Television Assn.
Pagosa Springs, Colorado

BPTTL-JA0702LQ New Channel 13
NewSouth Broadcasting Corporation
Valdosta, Georgia

BPTTL-JB0702ND New Channel 18
Ellen Bloom
Phoenix, Arizona

BPTTL-JA0702VC New Channel 69
Weigel Broadcasting Co.
South Bend, Indiana

BPTTL-JB0702HV New Channel 51
John W. Gainey, III
Washington, North Carolina

BPTVL-JB0702NB New Channel 07
Harlan L. Jacobsen tr/as Localvision
Sioux Falls, South Dakota

BPTVL-JB0702HW New Channel 13
Mary L. Rivers
Waycross, Georgia

BPTVL-JB0702NI New Channel 06
North Gibson School Corporation
Princeton, Indiana

BPTT-870702YY New Channel 50
Caribou County TV
Soda Springs, Idaho

HP TTL-8707021A Stephen Q. Fawcett Jr/as True Way Radio Communications Page, Arizona	New	Channel 25
HP TTL-8707022D County of Rockingham, Virginia Southern Rockingham, Virginia	W16AA	Channel 16
HP TTL-8707022F County of Rockingham, Virginia Southern Rockingham, Virginia	W46AE	Channel 46
HP TTL-87070258 H. Earl Marlar Heiskell, Tennessee	New	Channel 12
HP TTL-8707026X Kansas State University of Agriculture and Applied Sciences Manhattan, Kansas	New	Channel 21
HP TTL-870623M2 Rio Blanco County Television Association Newker, Colorado	New	Channel 48
HP TTL-8707027U Radar Communications, Inc. Padador, Texas	New	Channel 66
HP TTL-87070227 The Identity Institute Madison-Middleton, Wisconsin	W08CK	Channel 08
HP TTL-8707029I Region 1 Translator Association Holyoke, Colorado	New	Channel 61
HP TTL-870623NB Wellton-Mohawk Irrigation and Drainage District Martinez Lake, Arizona	New	Channel 49
HP TTL-8706151D Baca County Springfield, Colorado	K75CF	Channel 68

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HP TTL-8706181U Powers TV Translator, Inc. Powers, Oregon	K73BR	Channel 61
HP TTL-8706181Y West Lane Translator, Inc. Florence, Oregon	K71AV	Channel 60
HP TTL-8706161H Lyon County, Nevada Silver Springs, Nevada	K12LG	Channel 29
HP TTL-8706151Z Michael J. Devine Fabius, New York	W68HT	Channel 60
HP TTL-8706181B KOB-TV, Inc. Carriazo, New Mexico	K81HM	Channel 51
HP TTL-8707025V Southwest Oregon TV Broadcast Corp. Glendale, Oregon	New	Channel 58
HP TTL-870623MJ Orr Area Minnesota II Orr, Minnesota	K82AI	Channel 63
HP TTL-870623NE County of Koochiching International Falls, Minnesota	K79AH	Channel 51
HP TTL-870623NF County of Koochiching International Falls, Minnesota	K82AJ	Channel 53
HP TTL-870623NG County of Koochiching Kabetogama, Minnesota	K70HV	Channel 69
HP TTL-870623NI County of Koochiching Kabetogama, Minnesota	K70SD	Channel 67
HP TTL-870629PD Columbia Gorge TV, Inc. Hood River, Oregon	K70RM	Channel 50

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The biggest thing lately at Shows and Fairs, etc. is huge TV screens made by stacking 16 or so 19-inch sets. They use a digital device to split an ordinary picture up to any number of screens. Then for variety, instead of having one big picture with each set carrying only a small part, they go to the same little picture on some, big picture on others, etc., and it is quite fascinating. Now you may want to do this in your window, or mount a big bunch of sets on a truck at a fair, etc. The catch, so far, the people that make the separations device to put a little picture on a bunch of sets to make one big picture also get big bucks for its use (may be cheap soon).

In the meantime, when we get time, we will place four 25-inch sets (recently available) at K-Mart for \$350 each (Sharp brand). You could use four 19-inch sets, too - bought some recently for \$150 (new). You will need five VCR's (or at least four), or players and you will need to use one camera. If your fifth VCR has stereo and you have a tone control device, then you can do the little special affects, also, you could enlarge this to six sets, six VCR's, etc., but we are just going to give the principal idea on how to do it with four (we are starting out with three side-by-side), and do the same changes by editing. First, make up the tape (video) of what you want to be on the big picture (1/4 on each set). But you make just the standard tape just like you always do, except at the start. Use poster boards marked in 1/4 sections. Use #1, #2, #3, etc. (this is countdown). Start. Aim your camera at the stack of these posters and pull off the top one 9-8-7-6, etc. until you get to one. Then shoot your tape or dupe it from whatever sources, etc., like usual. The only thing different is the leader has the numbers in quarters. When you are all done (you could use a six-hour tape, you know), play it on the biggest, best TV set you have. Divide the screen with black tape into 1/4 square each. Put your camera in front of the screen. Do one quarter. Play it again and shoot another 1/4, and so on until you have the master tape duplicated on four tapes with 1/4 of the screen on each. (It works to shoot off a TV set you know). Cheap way to do a station break tape. Play your background tape on a TV set. Put your call letters on the screen, surface with plastic letters, and shoot it again off the TV set.

Hook up your four VCR's or players to four sets stacked two above the other two and run each machine and pause it on say #1. Take all four off of pause at the same time and you now have your original tape being played on what appears to be a set about five-feet square. You can do the same thing with a projection TV, you say - but, remember, it won't be very bright. This is big and bright. Now, do the special affects. For special effects, go back over the tape and tape in (over) regular pictures so for some of the time each shows a different thing and then it goes back to one big picture. Etc., etc.

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L87-1745 BPTTL-830224RY	Mountain TV Network, Inc. Burlington, IA/Channel 50	BOX 31 BERRYVILLE AR 72616 REQ:CHAN. 50; ERP .21 KW
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