

Second Filing Window Expanded Facility Application

In connection with the Broadcast Television Incentive Auction (Auction 1000) the Commission initiated a transition period during which the facilities of broadcast television stations that received new channel assignments in the post-incentive auction repacking process will be reauthorized and relicensed. The first filing window closed on September 15, 2017. This application is filed in accordance with the second filing window, which will close on November 2, 2017.

During the second filing window, any reassigned station or band changing station may file an amendment to its initial construction permit application, if still pending, or a modification to its construction permit, if granted, to seek an alternate channel or expanded facilities from that specified in the *Closing and Channel Reassignment Public Notice*.¹ The instant proposal, a minor change under the Commission's rules, expands the assigned technical facility beyond that applied for in the first filing window.

Post-Transition DTV Considerations

A study was performed using the FCC's software program, *tvstudy*, v.2.2.3, to ensure that the technical facility proposed herein protects the facilities proposed in the first priority filing window, whether those stations' applications have been granted or remain pending while protecting the construction permit facilities of reassigned stations and band changing stations filed in the initial 90-day filing window, whether those

¹ See *Incentive Auction Closing and Channel Reassignment Public Notice: The Broadcast Television Incentive Auction Closes; Reverse Auction and Forward Auction Results Announced; Final Television Band Channel Assignments Announced; Post-Auction Deadlines Announced*, Public Notice, 32 FCC Rcd 2786 (2017) (*Closing and Channel Reassignment Public Notice*).

stations' applications have been granted or remain pending. Further, the instant proposal protects the facilities specified in applications filed before the April 2013 freeze with "cut-off" protection.

As demonstrated in the attached study results, the instant proposal is predicted to cause no new interference exceeding 0.5% to the populations served by any of the relevant protections discussed above. Accordingly, the instant proposal satisfies all applicable DTV interference criteria.

International DTV Considerations

As shown in the attached study, the transmitter site specified herein not within 320 kilometers of either the common border between the United States of America and Canada or between the USA and Mexico. Therefore, international notification and coordination of the instant proposal is not required.

tvstudy v2.2.3 (Dxtpx3)
Database: localhost, Study: WTLH-19 OMNI 560KW 171016, Model: Longley-Rice
Start: 2017.10.16 11:41:28

Study created: 2017.10.16 11:40:56

Study build station data: LMS TV 2017-10-01 (38)

Proposal: WTLH D19 DT APP BAINBRIDGE, GA
File number: WTLH-19 OMNI 560KW 171016
Facility ID: 23486
Station data: User record
Record ID: 2068
Country: U.S.
Zone: III

Search options:
Non-U.S. records included
Stations affected by proposal:

| Call | Chan | Svc | Status | City, State | File Number | Distance |
|---------|------|-----|--------|--------------------|------------------|----------|
| WIYC | D19 | DT | CP | TROY, AL | BLANK0000025714 | 242.4 km |
| WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDT20030328ANV | 234.4 |
| WTOG | D19 | DT | CP | ST. PETERSBURG, FL | BLANK0000025842 | 358.7 |
| WGCL-TV | D19 | DT | LIC | ATLANTA, GA | BLCDT20060113ACO | 349.2 |
| WCTV | D20 | DT | CP | THOMASVILLE, GA | BLANK0000025442 | 3.2 |

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D19
Latitude: 30 40 50.30 N (NAD83)
Longitude: 83 58 20.60 W
Height AMSL: 648.0 m
HAAT: 600.0 m
Peak ERP: 560 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 0.8

39.3 dBu contour:

| Azimuth | ERP | HAAT | Distance |
|---------|--------|---------|----------|
| 0.0 deg | 560 kW | 584.4 m | 118.0 km |
| 45.0 | 560 | 600.4 | 118.9 |
| 90.0 | 560 | 602.5 | 119.0 |
| 135.0 | 560 | 610.3 | 119.4 |
| 180.0 | 560 | 613.4 | 119.6 |
| 225.0 | 560 | 601.4 | 118.9 |
| 270.0 | 560 | 592.1 | 118.4 |
| 315.0 | 560 | 585.3 | 118.1 |

Database HAAT does not agree with computed HAAT
Database HAAT: 600 m Computed HAAT: 599 m

ERP exceeds maximum
ERP: 560 kW ERP maximum: 329 kW

**Proposal service area extends beyond baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 1227.6 km

Distance to Mexican border: 1369.7 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 348.9 degrees Distance: 360.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
 Bearing: 304.5 degrees Distance: 2184.6 km

No land mobile station failures found

Study cell size: 2.00 km
 Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
 Maximum new IX to LPTV: 2.00%

 Interference to BLANK0000025714 CP, scenario 1

| | | | | | | | | | | |
|--------------|--------------|-----------------|-----------|-----------------|-------------------------|--------------------------------|------------------|----------------|-------|--|
| Desired: | Call WIYC | Chan D19 | Svc DT | Status CP | City, State TROY, AL | File Number BLANK0000025714 | Distance | | | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 242.4 km | | | |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH-19 OMNI 560KW 171 | 242.4 | | | |
| | WBMM | D18 | DT | CP | TUSKEGEE, AL | BLANK0000027063 | 1.1 | | | |
| | WIIQ | D19 | DT | LIC | DEMOPOLIS, AL | BLEDT20090511AHE | 184.1 | | | |
| | WHNT-TV | D19 | DT | LIC | HUNTSVILLE, AL | BLCDT20111118COZ | 302.6 | | | |
| | WGCL-TV | D19 | DT | LIC | ATLANTA, GA | BLCDT20060113ACO | 245.6 | | | |
| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | | Percent New IX | | |
| 16003.5 | 526,694 | 15963.4 | 526,272 | 15324.3 | 520,929 | 15256.4 | 520,776 | 0.44 | 0.03 | |
| Undesired | | | | Total IX | Unique IX, before | | Unique IX, after | | | |
| WTLH | D19 | DT | BL | 228.4 | 1,195 | 123.8 | 881 | | | |
| WTLH | D19 | DT | APP | 312.4 | 1,352 | | | 191.7 | 1,034 | |
| WBMM | D18 | DT | CP | 40.2 | 1,293 | 24.1 | 510 | 24.1 | 510 | |
| WIIQ | D19 | DT | LIC | 237.8 | 1,362 | 125.1 | 816 | 121.0 | 816 | |
| WHNT-TV | D19 | DT | LIC | 8.0 | 74 | 0.0 | 0 | 0.0 | 0 | |
| WGCL-TV | D19 | DT | LIC | 326.0 | 2,774 | 193.1 | 1,860 | 185.0 | 1,856 | |

 Interference to BLCDT20030328ANV LIC, scenario 1

| | | | | | | | |
|--------------|-----------------|-----------------|-----------|-----------------|---------------------------------|---------------------------------|----------------|
| Desired: | Call WJAX-TV | Chan D19 | Svc DT | Status LIC | City, State JACKSONVILLE, FL | File Number BLCDT20030328ANV | Distance |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 234.4 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH-19 OMNI 560KW 171 | 234.4 |
| | WTOG | D19 | DT | CP | ST. PETERSBURG, FL | BLANK0000025842 | 281.7 |
| | WCWJ | D20 | DT | APP | JACKSONVILLE, FL | BLANK0000029603 | 1.8 |
| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | Percent New IX |
| 27334.3 | 1,630,782 | 27334.3 | 1,630,782 | 27033.4 | 1,627,907 | 26868.8 1,625,056 | 0.61 0.18 |
| Undesired | | | | Total IX | Unique IX, before | Unique IX, after | |
| WTLH | D19 | DT | BL | 264.8 | 1,739 | 228.7 | 1,444 |
| WTLH | D19 | DT | APP | 441.5 | 4,662 | 393.3 | 4,295 |
| WTOG | D19 | DT | CP | 15.9 | 957 | 8.0 | 683 |
| WCWJ | D20 | DT | APP | 56.2 | 474 | 28.1 | 453 |
| | | | | | | 20.0 | 407 |

 Interference to BLCDT20030328ANV LIC, scenario 2

| | Call | Chan | Svc | Status | City, State | File Number | Distance |
|--------------|---------|-----------------|-----|-----------------|--------------------|------------------------|----------------|
| Desired: | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDT20030328ANV | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 234.4 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH-19 OMNI 560KW 171 | 234.4 |
| | WTOG | D19 | DT | CP | ST. PETERSBURG, FL | BLANK0000025842 | 281.7 |
| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | Percent New IX |
| 27334.3 | | 1,630,782 | | 27061.5 | | 1,628,360 | 0.64 0.18 |
| | | | | 27061.5 | | 1,625,463 | |

| | | | | |
|-----------------|-------|----------|-------------------|------------------|
| Undesired | | Total IX | Unique IX, before | Unique IX, after |
| WTLH D19 DT BL | 264.8 | 1,739 | 256.9 | 1,465 |
| WTLH D19 DT APP | 441.5 | 4,662 | | 429.6 |
| WTOG D19 DT CP | 15.9 | 957 | 8.0 | 683 |
| | | | | 4.0 |
| | | | | 657 |

Interference to BLANK0000025842 CP, scenario 1

| | | | | | | | |
|--------------|-----------------|-----------------|----------------|----------------|--------------------|------------------------|-----------|
| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
| | WTOG | D19 | DT | CP | ST. PETERSBURG, FL | BLANK0000025842 | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 358.7 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH-19 OMNI 560KW 171 | 358.7 |
| | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDDT20030328ANV | 281.7 |
| | WFTT-DT | D20 | DT | CP | TAMPA, FL | BLANK0000025106 | 3.1 |
| Service area | Terrain-limited | IX-free, before | IX-free, after | Percent New IX | | | |
| 33536.9 | 4,747,365 | 33532.9 | 4,747,310 | 33420.2 | 4,735,873 | 33420.2 | 4,735,873 |
| | | | | | | | 0.00 |
| | | | | | | | 0.00 |

| | | | | |
|--------------------|-------|----------|-------------------|------------------|
| Undesired | | Total IX | Unique IX, before | Unique IX, after |
| WTLH D19 DT BL | 8.0 | 12 | 4.0 | 6 |
| WTLH D19 DT APP | 8.0 | 12 | | 4.0 |
| WJAX-TV D19 DT LIC | 100.6 | 11,059 | 96.6 | 11,053 |
| WFTT-DT D20 DT CP | 8.1 | 372 | 8.1 | 372 |
| | | | | 8.1 |
| | | | | 372 |

Interference to BLCDDT20060113ACO LIC, scenario 1

| | | | | | | | |
|--------------|-----------------|-----------------|----------------|----------------|----------------|------------------------|-----------|
| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
| | WGCL-TV | D19 | DT | LIC | ATLANTA, GA | BLCDDT20060113ACO | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 349.2 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH-19 OMNI 560KW 171 | 349.2 |
| | WUVG-DT | D18 | DT | APP | ATHENS, GA | BLANK0000029625 | 0.0 |
| | WIIQ | D19 | DT | LIC | DEMOPOLIS, AL | BLEDT20090511AHE | 366.3 |
| | WHNT-TV | D19 | DT | LIC | HUNTSVILLE, AL | BLCDDT20111118COZ | 226.5 |
| | WIYC | D19 | DT | CP | TROY, AL | BLANK0000025714 | 245.6 |
| | WBPI-CD | D19 | DC | CP | AUGUSTA, GA | BLANK0000025874 | 224.4 |
| | WSOC-TV | D19 | DT | CP | CHARLOTTE, NC | BLANK0000025119 | 368.1 |
| | WPDP-CD | D19- | DC | CP | CLEVELAND, TN | BLANK0000027939 | 149.8 |
| | WKPZ-CD | D19 | DC | LIC | KINGSPORT, TN | BLANK0000001584 | 341.6 |
| | WDNN-CD | D20 | DC | CP | DALTON, GA | BLANK0000028630 | 120.3 |
| Service area | Terrain-limited | IX-free, before | IX-free, after | Percent New IX | | | |
| 33607.7 | 6,027,276 | 32149.8 | 5,961,471 | 30947.8 | 5,898,384 | 30903.8 | 5,897,046 |
| | | | | | | | 0.14 |
| | | | | | | | 0.02 |

| | | | | |
|--------------------|-------|----------|-------------------|------------------|
| Undesired | | Total IX | Unique IX, before | Unique IX, after |
| WTLH D19 DT BL | 116.1 | 9,968 | 80.1 | 7,654 |
| WTLH D19 DT APP | 160.2 | 11,306 | | 124.1 |
| WIIQ D19 DT LIC | 4.0 | 121 | 0.0 | 0 |
| WHNT-TV D19 DT LIC | 627.4 | 25,980 | 400.1 | 16,713 |
| WIYC D19 DT CP | 60.1 | 2,610 | 16.0 | 218 |
| WBPI-CD D19 DC CP | 24.0 | 666 | 0.0 | 0 |
| WSOC-TV D19 DT CP | 96.0 | 2,904 | 72.0 | 2,117 |
| WPDP-CD D19- DC CP | 187.2 | 16,612 | 27.9 | 2,359 |
| WDNN-CD D20 DC CP | 517.8 | 30,166 | 262.9 | 13,245 |
| | | | | 262.9 |
| | | | | 13,245 |

Interference to BLANK0000025442 CP, scenario 1

| | | | | | | | |
|--------------|-----------------|-----------------|----------------|----------------|------------------|------------------------|-----------|
| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
| | WCTV | D20 | DT | CP | THOMASVILLE, GA | BLANK0000025442 | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 3.2 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH-19 OMNI 560KW 171 | 3.2 |
| | WKRQ-TV | D20 | DT | CP | MOBILE, AL | BLANK0000027663 | 371.9 |
| | WCWJ | D20 | DT | APP | JACKSONVILLE, FL | BLANK0000029603 | 232.9 |
| | WDHN | D21 | DT | LIC | DOTHAN, AL | BLCDDT20090303ACR | 145.3 |
| Service area | Terrain-limited | IX-free, before | IX-free, after | Percent New IX | | | |
| 43871.5 | 1,058,346 | 43867.5 | 1,058,300 | 43224.9 | 1,053,537 | 43212.9 | 1,053,537 |
| | | | | | | | 0.03 |
| | | | | | | | 0.00 |

| | | | | |
|-------------------|-------|----------|-------------------|------------------|
| Undesired | | Total IX | Unique IX, before | Unique IX, after |
| WTLH D19 DT BL | 19.9 | 288 | 19.9 | 288 |
| WTLH D19 DT APP | 31.9 | 288 | | 31.9 |
| WKRG-TV D20 DT CP | 36.0 | 265 | 28.0 | 100 |
| WCWJ D20 DT APP | 260.2 | 1,705 | 260.2 | 1,705 |
| WDHN D21 DT LIC | 334.5 | 2,670 | 326.5 | 2,505 |

Interference to BLANK0000025442 CP, scenario 2

| | | | | | | | |
|--------------|-----------|-----------------|-----------|-----------------|------------------|------------------------|----------------|
| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
| | WCTV | D20 | DT | CP | THOMASVILLE, GA | BLANK0000025442 | |
| Undesireds: | WTLH | D19 | DT | BL | BAINBRIDGE, GA | DTVBL23486 | 3.2 km |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH-19 OMNI 560KW 171 | 3.2 |
| | WKRG-TV | D20 | DT | CP | MOBILE, AL | BLANK0000027663 | 371.9 |
| | WCWJ | D20 | DT | BL | JACKSONVILLE, FL | DTVBL29712 | 231.9 |
| | WDHN | D21 | DT | LIC | DOTHAN, AL | BLCDDT20090303ACR | 145.3 |
| Service area | | Terrain-limited | | IX-free, before | | IX-free, after | Percent New IX |
| 43871.5 | 1,058,346 | 43867.5 | 1,058,300 | 43332.8 | 1,054,441 | 43320.8 | 0.03 0.00 |

| | | | | |
|-------------------|-------|----------|-------------------|------------------|
| Undesired | | Total IX | Unique IX, before | Unique IX, after |
| WTLH D19 DT BL | 19.9 | 288 | 19.9 | 288 |
| WTLH D19 DT APP | 31.9 | 288 | | 31.9 |
| WKRG-TV D20 DT CP | 36.0 | 265 | 28.0 | 100 |
| WCWJ D20 DT BL | 152.3 | 801 | 152.3 | 801 |
| WDHN D21 DT LIC | 334.5 | 2,670 | 326.5 | 2,505 |

Interference to proposal, scenario 1

| | | | | | | | |
|-------------|---------|------|-----|--------|------------------|------------------------|----------|
| Desired: | Call | Chan | Svc | Status | City, State | File Number | Distance |
| | WTLH | D19 | DT | APP | BAINBRIDGE, GA | WTLH-19 OMNI 560KW 171 | |
| Undesireds: | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDDT20030328ANV | 234.4 km |
| | WGCL-TV | D19 | DT | LIC | ATLANTA, GA | BLCDDT20060113ACO | 349.2 |
| | WCTV | D20 | DT | CP | THOMASVILLE, GA | BLANK0000025442 | 3.2 |

| | | | | | | | |
|--------------|-----------|-----------------|-----------|---------|-----------|------------|------|
| Service area | | Terrain-limited | | IX-free | | Percent IX | |
| 44358.2 | 1,065,112 | 44354.2 | 1,065,090 | 44182.7 | 1,063,733 | 0.39 | 0.13 |

| | | | | |
|--------------------|------|----------|-----------|-----------------|
| Undesired | | Total IX | Unique IX | Prcnt Unique IX |
| WJAX-TV D19 DT LIC | 64.0 | 446 | 60.1 | 444 |
| WGCL-TV D19 DT LIC | 27.8 | 39 | 23.8 | 37 |
| WCTV D20 DT CP | 83.6 | 874 | 83.6 | 874 |