

INTERFERENCE AGREEMENT

RE: Raycom National, Inc. TV Translator Application BNPTT-20000823AAL (Channel 18) and Trinity Broadcasting Network TV Translator Application BNPTT-20000831BWT (Channel 19); Gallup, New Mexico

Raycom National, Inc. ("Raycom"), has applied for a construction permit to build and operate a television translator on Channel 18 in Gallup, New Mexico, for its station KASA-TV. Trinity Christian Center of Santa Ana, Inc., d/b/a Trinity Broadcasting Network ("Trinity") has applied for a construction permit to build and operate a television translator on Channel 19 in Gallup, New Mexico, for its station KTBN-TV. These applications have been identified by the Federal Communications Commission ("FCC") as mutually exclusive. Pursuant to the FCC's December 5, 2003, *Public Notice* announcing the final settlement window for mutually exclusive groups in Auction No. 81, Raycom and Trinity hereby file this settlement/interference agreement and a supporting engineering exhibit to resolve the existing mutual exclusivity. In order to render these applications no longer mutually exclusive, thereby making them eligible for grant by the FCC, Trinity hereby agrees that its proposed Channel 19 TV translator will accept interference from Raycom's proposed Channel 18 TV translator.

As stated in the attached Technical Exhibit to this interference agreement, Raycom intends to operate its proposed new TV translator station (for primary station KASA-TV, Facility ID No. 125921), on Channel 18 at proposed NAD 27 coordinates 35-32-08 N, 108-44-28 W and with the following proposed facilities: Scala SL-8 antenna with a maximum ERP of 1.07 kW and antenna RCAMSL of 2073 m. Trinity intends to operate its proposed new TV translator station (for primary station KTBN-TV, Facility ID No. 67884), on Channel 19 at proposed NAD 27 coordinates 35-29-39 N, 108-44-32 W and with the following proposed facilities: AND AL8 antenna with a maximum ERP of 10 kW and antenna RCAMSL of 2135 m.

Raycom and Trinity agree that engineering studies, as demonstrated in the attached Technical Exhibit, indicate that there is a potential for a very small amount of interference to both the proposed Channel 18 TV translator and the proposed Channel 19 TV translator. Due to this predicted interference, the two parties' proposed TV translator operations are mutually exclusive. In order to resolve this mutual exclusivity with the final settlement window announced for Auction No. 81, Trinity hereby agrees to accept all interference from Raycom's proposed Channel 18 TV Translator in order to remove both applications from MX Group M340 and permit the grant of both applications.

Signed,



Ben Miller
Vice President of Engineering
Trinity Broadcasting Network

Date: 3/4/04



Mark Gardner
Director of Operations, KASA-TV
for Raycom National, Inc.

Date: 3/3/04

TECHNICAL EXHIBIT
SUPPORTING THE APPLICATION
FOR A NEW TRANSLATOR STATION
GALLUP, NEW MEXICO
CH 18(z) 1.07 KW

Technical Narrative

This Technical Exhibit supports the pending application for a new TV translator station (for primary station KASA-TV) on channel 18, at Gallup, New Mexico (BNPTT-20000823AAL). There are no proposed changes to the pending application. This exhibit is only being submitted to provide the interference agreement.

This pending application proposes operation on channel 18 at the proposed NAD27 coordinates: 35-32-08 N, 108-44-28 W. A Scala SL-8 antenna with a maximum ERP of 1.07 kW and antenna RCAMSL of 2073 meters is proposed. The proposed transmitter power output is 100 Watts.

MX Group 340

The proposed translator station is mutually exclusive (MX) with another proposed translator, Channel 19 (BNPTT-20000831BWT). The Channel 18 applicant intends to operate under the proposed facilities with an interference agreement with the Channel 19 proposal. This interference agreement attached elsewhere, is believed to “break-free” the Channel 18 proposal from MX Group 340 and allow for an immediate grant of its singleton application construction permit.

OET-69 studies indicate prohibited contour overlap or spacing violations will be caused only to the Channel 19 proposal. Using the procedures outlined in the FCC’s OET-69 Bulletin, interference is predicted to occur to 294 people (1.2%) of the proposed Channel 19 service population (see Figure 1).

The OET-69 results also indicate that the interference received by the proposed Channel 18 application is only to 52 people, or less than 0.3% of its service population, which is considered de minimis. If necessary, a waiver of the FCC rules is respectfully requested based on use of the procedures outlined in the FCC's OET-69 Bulletin for NTSC and DTV protection.



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TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-27-2004 Time: 12:42:15
Record Selected for Analysis

NEW USERRECORD-01 GALLUP NM US
Channel 18 ERP 1.07 kW HAAT 77. m RCAMSL 02073 m
Latitude 035-32-08 Longitude 0108-44-28
Status APP Zone 2 Border Offset Z

Cell Size for Service Analysis 2.0 km/side
Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station
Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	1.070	35.5	5.0
45.0	1.070	33.0	4.8
90.0	1.070	40.0	5.3
135.0	1.070	33.0	4.8
180.0	1.070	33.0	4.8
225.0	1.070	61.2	6.6
270.0	1.070	76.8	7.3
315.0	1.070	42.4	5.4

Evaluation from Class A Station
No Spacing violations or contour overlap from Class A station
Contour Overlap Evaluation from Class A Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations
Station inside contour of station
NEW 19 GALLUP NM BNPTT 20000831BWT
Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station
Station

NEW 19 GALLUP NM BNPTT20000831BWT

Start of Interference Analysis

Channel	Call	City/State	ARN
18	NEW	GALLUP NM	USERRECORD01

Stations Potentially Affected by Proposed Station

Channel	Call	City/State	Dist(km)	Status	Application Ref. No.
19	NEW	GALLUP NM	4.6	APP	BNPTT-20000831BWT

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	NEW	GALLUP NM	BNPTT -20000831BWT

Result key: 2
Scenario 2 Affected station 1
Before Analysis

Results for: 19N NM GALLUP	BNPTT	20000831BWT	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	24723	653.6	
not affected by terrain losses	24575	581.0	
lost to NTSC IX	34	4.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	34	4.0	

Potential Interfering Stations Included in above Scenario 2

34N NM GALLUP BPTTV JG0601NF CP

After Analysis

Results for: 19N NM GALLUP	BNPTT	20000831BWT	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	24723	653.6	
not affected by terrain losses	24575	581.0	
lost to NTSC IX	328	12.1	
lost to additional IX by ATV	0	0.0	
lost to all IX	328	12.1	

Potential Interfering Stations Included in above Scenario 2

34N NM GALLUP BPTTV JG0601NF CP
18N NM GALLUP USERRECORD01 APP

The following station failed the de minimis interference criteria.
18N NM GALLUP USERRECORD01
ERP 1.07 kW HAAT 77.0 m RCAMSL 2073.0 m
Antenna none

Due to interference to the following station and scenario: 2
19N NM GALLUP BNPTT 20000831BWT
ERP 10.00 kW HAAT 154.0 m RCAMSL 2135.0 m
Antenna CDB 9999999999999999

Percent Service lost without proposal: 0.1 to BNPTT 20000831BWT
Percent Service lost with proposal: 1.3 to BNPTT 20000831BWT

Proposed station is MX
18N NM GALLUP USERRECORD01 APP
19N NM GALLUP BNPTT 20000831BWT APP

Proposal MX with BNPTT 20000831BWT scenario 1 of station 1

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Interference Received

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	NEW	GALLUP NM	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	KTFB-DT	FLAGSTAFF AZ	259.0	PLN	DTVPLN -DTVP0293
18	KRMJ	GRAND JUNCTION CO	393.4	LIC	BLET -19970807KL
18	NEW	SOCORRO NM	175.2	APP	BNPTT -20000831ASL
19	NEW	GALLUP NM	4.6	APP	BNPTT -20000831BWT

Total scenarios = 2

Result key: 3
Scenario 1 Affected station 2
Before Analysis

Results for: 18N NM GALLUP	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	18221	129.1
not affected by terrain losses	18221	129.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

Result key: 4
Scenario 2 Affected station 2
Before Analysis

Results for: 18N NM GALLUP	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	18221	129.1
not affected by terrain losses	18221	129.1
lost to NTSC IX	52	4.0
lost to additional IX by ATV	0	0.0
lost to all IX	52	4.0

Potential Interfering Stations Included in above Scenario 2

19N NM GALLUP BNPTT 20000831BWT APP

FINISHED