

**EXHIBIT 6**

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**FAIRFAX LOW POWER CO. FCC ID 20450  
ALLOCATION STUDY - CHANNEL 6 Z  
FAIRFAX, VIRGINIA**

**SEPTEMBER 29, 2005**

This statement supports a minor modification to the facilities on file in FCC File Number BPTVL-20030528AFE. The proposed Channel 6 Z operation, with the facilities specified in the accompanying FCC Form 346, Section III, has been prepared utilizing the allocation standards adopted in the Report and Order in MM Docket No. 00-10, "Establishment of a Class A Television Service" released April 4, 2000. Every effort has been made to protect other facilities on the basis of the contour overlap Rules. In cases where the station studied was involved in contour overlap, an interference analysis using OET 69 type analysis procedures was employed. Pages 3 and 4 of this exhibit are the output of an OET-69 program run employing the Sun Computer time share service run by V-Soft Communications employing a 1 km grid and 0.1 km terrain interval.

OET 69 analysis was made in the cases described below and a waiver of the appropriate contour overlap or interference rules is herein requested as stipulated in paragraph 74 of the R & O.

No waivers of 74.706 are required with regard to DTV facilities.

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Should waivers have been sought with regard to Section 74.706 stations, they would be for interference caused of less than 0.5% in accordance with the de minimis rounding factor established in the R&O.

A waiver of 74.705 is requested with regard to the following NTSC stations:

Channel 6	Philadelphia, PA	WPVI	BLCT-2282
Channel 6	Richmond, VA	WTVR	BLCT-193
Channel 5	Washington, DC	WTTG	BLCT-1308

OET-69 analysis techniques have been used to analyze the above stations and no interference is predicted to occur or, if interference is predicted, it is fully masked by existing interference.

In the unlikely event that operation of the proposed facilities results in actual impermissible interference, such interference will be remedied pursuant to Section 74.703(b) of the Commission's Rules.

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#### Summary Study

#### TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-29-2005 Time: 12:10:00

Record Selected for Analysis

W42BE USERRECORD-01 FAIRFAX VA US  
Channel 06 ERP 3. kW HAAT 130 m RCAMSL 00198 m  
Latitude 038-53-45 Longitude 0077-08-08  
Status APP Zone 1 Border  
Dir Antenna Make Scala Model CL-26 FCC ID 20783 Beam tilt N Ref Azimuth 115.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 0.10 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	28.0 dBu F(50,90) (km)
0.0	0.000	123.6	16.7
45.0	0.008	119.9	33.2
90.0	1.665	178.4	81.1
135.0	2.117	174.3	82.7
180.0	0.007	140.1	35.3
225.0	0.000	111.3	15.8
270.0	0.005	77.1	25.7
315.0	0.006	116.4	30.8

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

