



PUBLIC NOTICE

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DA 01-1792
July 26, 2001

AUCTION OF LICENSES FOR 747-762 AND 777-792 MHz BANDS

POSTING OF DATA FROM TEST AUCTIONS CONDUCTED DURING DEVELOPMENT OF PACKAGE BIDDING AUCTION SYSTEM

Report No. AUC-01-31-C (Auction No. 31)

The Auctions and Industry Analysis Division of the Wireless Telecommunications Bureau has posted to its website (<http://www.fcc.gov/wtb/auctions/700/data/>) data files from various test auctions conducted during the development of its new simultaneous multiple-round auction system with package bidding. The auctions were held at different times in order to test the evolving system's rules, software, and processing capabilities. No spectrum was actually sold in these auctions.

The files are provided for the benefit of researchers interested in the package bidding auction mechanism. The Auctions and Industry Analysis Division makes no claims of accuracy, completeness, or consistency. While basic background conditions are provided for each auction group, no attempt has been made to standardize either the content or the format of the files. The formats used in these test files *do not* represent the formats that will be used during actual FCC spectrum auctions using the package bidding system.

There are five groups of files from the following tests:

- (1) AZ1: An auction conducted August 17 and 18, 2000, at the University of Arizona under an FCC contract with Cybernetics, Inc. Bidders were graduate students who received payments for discovering program defects and for winning licenses or packages at less than an assigned valuation for those licenses or packages (with payments being proportional to the difference between the selling price and the valuation).
- (2) AZ2: A series of five auctions conducted December 4-8, 2000, again at the University of Arizona through Cybernetics, Inc. Bidders were graduate students and faced incentives as in AZ1.
- (3) HS: A group of three auctions conducted at St. Anselm's Abbey High School in Washington, DC, on January 20 and February 10, 2001. Bidders were upper level high school students. In addition to the incentives used in AZ1 and AZ2, bidders received a flat fee for winning a package or license.
- (4) Industry: The Industry Test conducted by the FCC for potential participants in Auction 31. This test was held January 24-26, 2001.

(5) BidBots: An auction run by Computech, Inc. under contract with the FCC on April 30, 2001. This test used programmed robotic bidders only.

A folder for each group contains descriptive files as well as an additional file of actual raw results.

Additional test data may be posted to the web site without further public notice.

The test auctions above generally followed the auction procedures adopted for Auction 31, as described in *Auction No. 31 Package Bidding Procedures Public Notice*, released July 3, 2000;¹ *Auction No. 31 Package Bidding Further Comment Public Notice*, released November 2, 2000;² and *Auction No. 31 Package Bidding Further Procedures Public Notice*, released January 5, 2001.³

Questions about downloading the files should be directed to Jeff Crooks at jcrooks@fcc.gov or (202) 418-2074. Questions about file content should be directed to Martha Stancill at mstancil@fcc.gov or (202) 418-7015.

¹ See Auction of Licenses in the 747-762 and 777-792 MHz Bands Scheduled for September 6, 2000, Procedures Implementing Package Bidding for Auction No. 31; Bidder Seminar Scheduled for July 24, 2000, *Public Notice*, DA 00-1486, 15 FCC Rcd 11526 (2000) (“*Auction No. 31 Package Bidding Procedures Public Notice*”).

² See Auction of Licenses in the 747-762 and 777-792 MHz Bands Scheduled for March 6, 2001, Comment Sought on Modifying the Calculation for Determining Minimum Accepted Bids and Changing the Provisions Concerning “Last and Best” Bids, *Public Notice*, DA 00-2404, 15 FCC Rcd. 21424, (2000) (“*Auction No. 31 Package Bidding Further Comment Public Notice*”).

³ See Auction of Licenses in the 747-762 and 777-792 MHz Bands Scheduled for March 6, 2001, Modifications to the Calculation for Determining Minimum Acceptable Bids and the Provisions Concerning “Last and Best Bids” and Other Procedural Issues, Bidder Seminar Scheduled for January 23, 2001, and Test of Package Bidding System Set for January 24, 25, and 26, 2001, *Public Notice*, DA 01-12, (rel. January 5, 2001), 66 Fed. Reg. 7907 (January 26, 2001) (“*Auction No. 31 Package Bidding Further Procedures Public Notice*”).