

Description of the Data

(all auctions except for auctions 1, 2, and 51)

Updated September 16, 2007

Each file contains tables for one auction.

I. Description of the Tables

Table	Identifying fields (Index)	Description
AllBids	AUCTION_NUMBER, ROUND_NUMBER, LICENSE_NAME, FCC_ACCT	One row for each bid submitted. Information includes the bid, withdrawal, and license and bidder characteristics, including eligibility.
HighBids	AUCTION_NUMBER, ROUND_NUMBER, LICENSE_NAME	One row for each license in each round. Information includes the provisionally winning bid for each license at the end of the round.
Eligibility	AUCTION_NUMBER, ROUND_NUMBER, FCC_ACCT	One row for each bidder in each round. Information includes activity of the bidders during the round and eligibility at the end of the round.
Withdrawals	AUCTION_NUMBER, BID_ROUND_NUM, LICENSE_NAME, FCC_ACCT	One row for each withdrawal. Information includes the round in which the withdrawal was made.
Bidders	AUCTION_NUMBER, FCC_ACCT	One row for each bidder. Information includes bidders characteristics.
Markets	AUCTION_NUMBER, LICENSE_NAME	One row for each license. Information includes licenses characteristics.
WinningBids	AUCTION_NUMBER, LICENSE_NAME	One row for each license. Information includes the winning bidder and price.

II. Description of the Fields

Table	Field	Type	Description
AllBids	AUCTION_NUMBER	Byte	Auction number
	ROUND_NUMBER	Integer	Round number
	LICENSE_NAME	Text(15)	License name
	LICENSE_ID	Long	License ID
	MARKET	Text(6)	Market code
	FREQ_BLOCK	Text(3)	Frequency block
	SUB_MARKET	Text(3)	Submarket
	BANDWIDTH_MHZ	Single	Bandwidth
	MARKET_DESC	Text(40)	Market description
	BID_UNITS	Double	Number of bidding units for the license
	POPULATION	Double	Population of the market
	FCC_ACCT	Text(10)	FCC account number of the bidder
	BIDDER_NAME	Text(40)	Bidder name
	BID_AMNT	Double	Bid amount
	NET_BID_AMNT	Double	Net bid amount
	BIDDING_CREDIT_PCTG	Single	Bidding credit
	THEDATE	Date/Time	Date when the bid was placed
	THETIME	Date/Time	Time when the bid was placed
	INCR_BIDS	Byte	Increment number of the bid
	RANDOM_NUM	Single	Random number. It is used to resolve ties for the later auctions
	PROV_WINNING	Boolean	TRUE if the bid is the highest for the given round/license
	WINNING	Boolean	TRUE if the bid is winning for the license
	PREV_HIGH_BID	Double	Net amount of the previous provisionally winning bid
	PREV_WIN_BIDDER	Text(10)	FCC account of the previous provisionally winning bidder
	ROUND_WITHDR	Integer	Round number at which the bid was withdrawn, if any
	MAX_ELIG	Double	Maximum eligibility of the bidder during current round
	RMNG_WAIVR	Byte	Number of waivers left for the bidder after current round
WAIVR_IND	Text(2)	Waiver used, if any	
RMNG_WITHDRAWALS	Byte	Number of withdrawals left for the bidder after current round	
REQUIRED_ACT	Double	Activity required during the next round so that the bidder can maintain his current eligibility	

Table	Field	Type	Description
	CURRENT_ACT	Double	Sum of bidding units for the current provisionally winning bids of the bidder
HighBids	AUCTION_NUMBER	Byte	Auction number
	ROUND_NUMBER	Integer	Round number
	LICENSE_NAME	Text(15)	License name
	LICENSE_ID	Long	License ID
	MARKET	Text(6)	Market code
	FREQ_BLOCK	Text(3)	Frequency block
	SUB_MARKET	Text(3)	Submarket
	FCC_ACCT	Text(10)	FCC account number of the bidder
	BIDDER_NAME	Text(40)	Bidder name
	BID_ROUND_NUM	Integer	Round number at which the bid was placed
	BID_AMNT	Double	Bid amount
	NET_BID_AMNT	Double	Net bid amount
	BIDDING_CREDIT_PCTG	Single	Bidding credit
	THEDATE	Date/Time	Date when the bid was placed
	THETIME	Date/Time	Time when the bid was placed
	NUM_OF_BIDS	Integer	Total number of bids on the license during the round
	INCR_BIDS	Byte	Increment number of the bid
	MIN_ACCEPT	Double	Minimum acceptable bid for the license for the next round
	BID_INCR_PCT	Single	Percentage in the increase of the highest bid
	MAB_INCR	Double	Increment in the minimum acceptable bid
	MAB_INCR_PCTG	Single	Percentage increase in the minimum acceptable bid
	PREV_BIDDER_FCC	Text(10)	FCC account of the previous provisionally winning bidder
	ROUND_PREV_PWB	Integer	Round at which previous provisionally winning bid was placed
	PREV_BID_AMNT	Double	Amount of the previous provisionally winning bid
	PREV_BIDDING_CREDIT_PCTG	Single	Bidding credit for the previous provisionally winning bid
	PREV_NET_BID_AMNT	Double	Net amount of the previous provisionally winning bid
ITEM_ACTIVITY_WEIGHT	Single	Used in the formula to determine the minimum acceptable bid	
MAB_FLOOR	Single	Used in the formula to determine the minimum acceptable bid	
MAB_CEILING	Single	Used in the formula to determine the	

Table	Field	Type	Description
			minimum acceptable bid
Eligibility	AUCTION_NUMBER	Byte	Auction number
	ROUND_NUMBER	Integer	Round number
	FCC_ACCT	Text(10)	FCC account number of the bidder
	BIDDER_NAME	Text(40)	Bidder name
	NUM_OF_BIDS	Integer	Number of bids of the bidder during current round
	TOTAL_BIDS_AMNT	Double	Total amount of all new bids of the bidder during current round
	TOTAL_NET_BIDS_AMNT	Double	Total net amount of all new bids of the bidder during current round
	PWBS_NUMBER	Integer	Total number of current provisionally winning bids
	PWBS_AMNT	Double	Total amount of all current high bids
	NET_PWBS_AMNT	Double	Total net amount of all current high bids
	MAX_ELIG	Double	Eligibility as of the end of the round
	UNUSED_ELIGIB	Double	Eligibility which the bidder could use in addition to his current activity
	REQUIRED_ACT	Double	Activity required during the next round so that the bidder can maintain his current eligibility
	CURRENT_ACT	Double	Sum of bidding units for the current provisionally winning bids of the bidder
	ADDTNL_ACT_REQ	Double	Additional activity required during the next round so that the bidder can maintain his current eligibility
	AT_RISK	Text(3)	YES if the bidder have to place new bids during the next round in order to maintain his current eligibility
	ELIG_CHANGE	Double	Change in eligibility during the round
	RMNG_WAIVR	Byte	Number of waivers left for the bidder after current round
	WAIVR_IND	Text(2)	Waiver used, if any
	RMNG_WITHDRAWALS	Byte	Number of withdrawals left for the bidder after current round
Withdrawals	AUCTION_NUMBER	Byte	Auction number
	LICENSE_NAME	Text(15)	License name
	ROUND_NUMBER	Integer	Round number at which the bid was withdrawn
	BID_ROUND_NUM	Integer	Round number at which the bid was placed
	FCC_ACCT	Text(10)	FCC account number of the bidder
	BIDDER_NAME	Text(40)	Bidder name
	BID_AMNT	Double	Bid amount

Table	Field	Type	Description
	NET_BID_AMNT	Double	Net bid amount
	THEDATE	Date/Time	Date when the bid was withdrawn
	THETIME	Date/Time	Time when the bid was withdrawn
	MIN_ACCEPT	Double	Minimum acceptable bid for the next round
Bidders	AUCTION_NUMBER	Byte	Auction number
	BIDDER_NUMBER	Long	Bidder number
	BIDDER_NAME	Text(40)	Bidder name
	FCC_ACCT	Text(10)	FCC account number of the bidder
	UPFRONT_PMNT	Double	Upfront payment
	BID_UNITS	Double	Number of bidding units
	BIDDING_CREDIT_PCTG	Integer	Bidding credit percentage of the bidder
	PREF	Text(1)	“Y” (“Yes”) or the type of preference the bidder has
Markets	AUCTION_NUMBER	Byte	Auction number
	LICENSE_NAME	Text(15)	License name
	LICENSE_ID	Long	License ID
	SERVICE_CODE	Text(2)	Service code
	MARKET	Text(6)	Market code
	FREQ_BLOCK	Text(3)	Frequency block
	SUB_MARKET	Text(3)	Submarket
	CHANNEL_NO	Text(4)	Channel number
	MARKET_DESC	Text(40)	Market description
	BANDWIDTH_MHZ	Single	Bandwidth, MHz
	OPEN	Text(6)	Says if the license is open or closed for all the bidders
	POPULATION	Double	Population of the market
	BID_UNITS	Double	Number of bidding units for the license
	UPFRONT_PMNT	Double	Upfront payment
	MINIMUM_BID	Double	Minimum opening bid
	FREQUENCY	Text(40)	Frequency range of the license
	BLOCKS	Integer	Number of different frequency blocks
	CHANNELS	Integer	Number of channels in the license
	COMMENTS	Text(50)	Comments
	PREV_HIGH	Double	The winning bid on the license during previous auctions
PARTIAL_MKT	Text(3)	YES if the market is partial	
WinningBids	The table contains the records in HighBids table corresponding to the final round of the auction. The description of the table corresponds to the description of HighBids table		

III. Description of the Types

All the types correspond to MS Access types

Type	Description
Boolean	Boolean, TRUE or FALSE (YES or NO)
Byte	Integer number, 8 bits
Integer	Integer number, 16 bits
Long	Integer number, 32 bits
Single	Real number, 32 bits
Double	Real number, 64 bits
Text(n)	text string of length n
Date/Time	Date/Time