

ULS Data File Formats

APPLICATION/LICENSE HEADER		
Position	Data Element	Definition
1	Record Type [HD]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	License Status	char(1)
7	Radio Service Code	char(2)
8	Grant Date	mm/dd/yyyy
9	Expired Date	mm/dd/yyyy
10	Cancellation Date	mm/dd/yyyy
11	Eligibility Rule Num	char(10)
12	Reserved	char(1)
13	Alien	char(1)
14	Alien Government	char(1)
15	Alien Corporation	char(1)
16	Alien Officer	char(1)
17	Alien Control	char(1)
18	Revoked	char(1)
19	Convicted	char(1)
20	Adjudged	char(1)
21	Reserved	char(1)
22	Common Carrier	char(1)
23	Non Common Carrier	char(1)
24	Private Comm	char(1)
25	Fixed	char(1)
26	Mobile	char(1)
27	Radiolocation	char(1)
28	Satellite	char(1)
29	Developmental or STA or Demonstration	char(1)
30	Interconnected Service	char(1)
31	Certifier First Name	varchar(20)
32	Certifier MI	char(1)
33	Certifier Last Name	varchar(20)
34	Certifier Suffix	char(3)
35	Certifier Title	char(40)
36	Female	char(1)
37	Black or African-American	char(1)
38	Native American	char(1)
39	Hawaiian	char(1)
40	Asian	char(1)
41	White	char(1)
42	Hispanic	char(1)
43	Effective Date	mm/dd/yyyy
44	Last Action Date	mm/dd/yyyy
45	Auction ID	integer
46	Broadcast Services - Regulatory Status	char(1)
47	Band Manager - Regulatory Status	char(1)
48	Broadcast Services - Type of Radio Service	char(1)
49	Alien Ruling	char(1)
50	Licensee Name Change	char(1)

ULS Data File Formats

Coast and Ground		
Position	Data Element	Definition
1	Record Type [CG]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Station Available	char(1)
7	Public Correspondence	char(1)
8	Station Identifier	char(12)
9	Aeronautical Enroute Call Sign	char(10)
10	FAA Office Notified	varchar(255)
11	Date FAA Notified	mm/dd/yyyy
12	Seeking Authorization	char(1)
13	Regularly Engaged	char(1)
14	Engaged	char(1)
15	Public Mooring	char(1)
16	Servicing	char(1)
17	Fixed Station	char(1)
18	Maritime Support	char(1)
19	Aeronautical Fixed	char(1)
20	Unicom	char(1)
21	Search and Rescue	char(1)
22	Flight Test UHF	char(1)
23	Flight Test Manufacturer	char(1)
24	Flight Test Parent Corporation	char(1)
25	Flight Test Educational	char(1)
26	Flight School Certification	char(1)
27	Lighter Than Air	char(1)
28	Ballooning	char(1)
29	Located at Airport	char(1)
30	Radiodetermination Not FAA	char(1)
31	Radiodetermination Equipment	char(1)
32	Radiodetermination Public	char(1)
33	Radiodetermination ELTs	char(1)
34	Civil Air Patrol	char(1)
35	Aeronautical Enroute	char(1)
36	Mobile Routine	char(1)
37	Mobile Owner/Operator	char(1)
38	Mobile Agreement	char(1)
39	Coast/Ground Identifier	char(12)
40	Selective Call Sign Identifier	char(4)
41	Class Station Code	char(4)
42	Status Code	char(1)
43	Status Date	mm/dd/yyyy

ULS Data File Formats

FRC Admin		
Position	Data Element	Definition
1	Record Type [FA]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Operator Class Code	char(2)
7	Ship Radar Endorsement	char(1)
8	Six Month Endorsement	char(1)
9	Date of Birth	mm/dd/yyyy
10	Certification Not Restricted	char(1)
11	Certification Restricted Permit	char(1)
12	Certification Restricted Permit Limited Use	char(1)
13	Cole Manager Code	char(5)
14	DM Call Sign	char(10)
15	Valid Proof of Passing	char(1)

ULS Data File Formats

SHIP			
Position	Data Element	Definition	
1	Record Type [SH]	char(2)	
2	Unique System Identifier	numeric(9,0)	
3	ULS File Number	char(14)	
4	EBF Number	varchar(30)	
5	Call Sign	char(10)	
6	Type Of Authorization	char(1)	
7	Number In Fleet	int	
8	General Class of Ship Code	char(3)	
9	Special Class of Ship Code	char(3)	
10	Ship Name	varchar(35)	
11	Official Number of Ship	char(12)	
12	International Voyages Indicator	char(1)	
13	Foreign Communications Indicator	char(1)	
14	Radiotelegraph Working Series Requested	char(1)	
15	Request for MMSI	char(1)	
16	Gross Tonnage	int	
17	Ship Length	int	
18	Working Freq S1	char(3)	
19	Working Freq S2	char(3)	
20	Sel Call Number	char(5)	
21	Sel Call - INMARSAT	char(7)	
22	MMSI Number	numeric(9,0)	
23	Required Cat A	char(1)	
24	Required Cat B	char(1)	
25	Required Cat C	char(1)	
26	Required Cat D	char(1)	
27	Required Cat E	char(1)	

SHIP RESCUE ADMINISTRATION		
Position	Data Element	Definition
1	Record Type [SR]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	EPIRB_Identification_Code	char(15)
7	INMARSAT_A	char(1)
8	INMARSAT_B	char(1)
9	INMARSAT_C	char(1)
10	INMARSAT_M	char(1)
11	INMARSAT_Minor	char(1)
12	VHF	char(1)
13	MF	char(1)
14	HF	char(1)
15	DSC	char(1)
16	EPIRB_406_MHZ	char(1)
17	EPIRB_121_5_MHZ	char(1)
18	SART	char(1)
19	Raft_Count	numeric(6,0)
20	Lifeboat_Count	numeric(6,0)
21	Vessel_Capacity	numeric(6,0)

ULS Data File Formats

SHIP EXEMPTION		
Position	Data Element	Definition
1	Record Type [SE]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Ship Call Sign	char(10)
7	Port Registry	varchar(35)
8	Owner	char(1)
9	Operater	char(1)
10	Charter	char(1)
11	Agent	char(1)
12	Radiotelephone Exemption Requested	char(1)
13	GMDSS Exemption Requested	char(1)
14	Radio Direction Exemption Requested	char(1)
15	Previous Exemption File Number	varchar(10)
16	Foreign Port	char(1)
17	Vessel Size Exception	char(1)
18	EuiPMENT Exemption	char(1)
19	Limited Routes Exemption	char(1)
20	Condition of Voyages Exemption	char(1)
21	Other Exemption	char(1)
22	Other Exemption Description	varchar(50)
23	Ship Type	char(1)
24	Number of Crew	integer
25	Number of Passengers	integer
26	Number of Others	integer
27	Count of VHF	integer
28	Count of VHF DSC	char(1)
29	Count of EPIRB	integer
30	Count of Survival Craft	integer
31	Count of Earth Station	integer
32	Count of Auto Alarm	integer
33	Count of Single Side Band	integer
34	Single Side Band Type MF	char(1)
35	Single Side Band Type HF	char(1)
36	Single Side Band Type DSC	char(1)
37	Count of NAVTEX	integer
38	Count of 9 GHz Radar	integer
39	Count of 500 KHz Distress	integer
40	Count of Reserve Power	integer
41	Count of Other	integer
42	Description of Other	varchar(50)

ULS Data File Formats

MDS/ITFS ADMINISTRATION		
Position	Data Element	Definition
1	Record Type [MI]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Facility Type Code	char(4)
7	Statement of Intention	char(1)
8	License Type Code	char(1)

ULS Data File Formats

BROADCAST CALL SIGN		
Position	Data Element	Definition
1	Record Type [BC]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Broadcast Call Sign	char(10)
7	Broadcast City	char(20)
8	Broadcast State	char(2)
9	Facility ID of Parent Station	integer
10	Radio Service Code of Parent Station	char(2)
11	NonParent Type Code	char(1)

ULS Data File Formats

FREQUENCY COORDINATION		
Position	Data Element	Definition
1	Record Type [FC]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Coordination Number	char(25)
6	Coordinator Name	char(40)
7	Coordinator Phone	char(10)
8	Coordination Date	mm/dd/yyyy
9	Action Performed	char(1)

ULS Data File Formats

TRANSFER/ASSIGN			
Position	Data Element	Definition	Notes
1	Record Type [TA]	char(2)	
2	Unique System Identifier	numeric(9,0)	
3	File Number	char(14)	
4	EBF Number	varchar(30)	
5	Pro Forma	char(1)	
6	Full Assignment	char(1)	
7	Method of Accomplishment	char(1)	
8	Method - Other Description	varchar(30)	
9	Voluntary/Involuntary	char(1)	
10	Assignor or Transferor Certifier First Name	varchar(20)	
11	Assignor or Transferor Certifier MI	char(1)	
12	Assignor or Transferor Certifier Last Name	varchar(20)	
13	Assignor or Transferor Certifier Suffix	char(3)	
14	Assignor or Transferor Certifier Title	varchar(40)	
15	Gross Revenue Year 1	money	No Longer Used
16	Gross Revenue Year 2	money	No Longer Used
17	Gross Revenue Year 3	money	No Longer Used
18	Total Assets	money	No Longer Used
19	Same Small Category	char(1)	No Longer Used
20	Applying for Installments	char(1)	No Longer Used
21	Notification of Forebearance?	char(1)	
22	Wireless Licenses Need Approval	char(1)	
23	Non-wireless Licenses Need Approval	char(1)	
24	Assignor/Transferor Male or Female	char(1)	
25	Assignor/Transferor African-American	char(1)	
26	Assignor/Transferor Native American	char(1)	
27	Assignor/Transferor Hawaiian/Other Pacific Islander	char(1)	
28	Assignor/Transferor Asian	char(1)	
29	Assignor/Transferor White	char(1)	
30	Assignor/Transferor Ethnicity	char(1)	
31	Consent Date	mm/dd/yyyy	
32	Consummation Date	mm/dd/yyyy	
33	Consummation Deadline	mm/dd/yyyy	
34	Eligibility Category	varchar(30)	
35	Lead File Number	char(14)	
36	Has Assignment or Transfer Already Occurred?	char(1)	
37	Date Transaction Occurred	mm/dd/yyyy	
38	Date Forbearance Transaction Was Consummated	mm/dd/yyyy	
39	Is Assignment Partial Assignment of Site-Based Licenses?	char(1)	
40	Would Application Create A Geographic Overlap	char(1)	
41	Does ... Hold Interests in any Entity Having Access to 10 MHz	char(1)	
42	Would Application Reduce the Number of Entities Providing Service?	char(1)	
43	Will Facilities Be Used To Provide Multi-Channel Video Programming	char(1)	
44	Attributable Interests In a Cable Television System	char(1)	
45	Comply With Programming Requirements	char(1)	
46	Required To File Form 602	char(1)	
47	Form 602 File Number	char(14)	

ULS Data File Formats

TRANSFER/ASSIGN			
Position	Data Element	Definition	Notes
48	Is filing Lead Application/Notification	char(1)	
49	Is Applicant a Public Safety Entity	char(1)	
50	If Filing Is a Long-term De Facto Transfer Lease	char(1)	
51	Does Filing Involve One or More Point-to-Point Microwave Links	char(1)	

ULS Data File Format

BIDDING CREDITS		
Position	Data Element	Definition
1	Record Type [BD]	char(2)
2	Unique System Identifier	numeric(9,0)
3	File Number	char(14)
4	EBF Number	varchar(30)
5	Involves Bidding Credits	char(1)
6	Involves Installment Payments	char(1)
7	Involves Closed Bidding	char(1)
8	Have Full Amount of Bidding Credits Been Paid	char(1)
9	BC - Qualifies The Same As Current Licensee	char(1)
10	BC - Qualifies Different Than Current Licensee	char(1)
11	BC - Does Not Qualify	char(1)
12	Have Installment Payments Been Paid	char(1)
13	IP - Qualifies The Same As Current Licensee	char(1)
14	IP - Qualifies Different Than Current Licensee	char(1)
15	IP - Does Not Qualify	char(1)
16	Have all Construction Notifications Been Filed	char(1)
17	CB - Qualifies For Closed Bidding	char(1)
18	CB - Does Not Qualify For Closed Bidding	char(1)
19	BC - Does the Lessee Have A General Partnership Interest	char(1)
20	BC - Is The Lessee A Controlling Interest or Affiliate	char(1)
21	BC - Does the Licensee Certify That The Lessee Does Not Affect	char(1)
22	BC - Share office space with any party controlling the entity	char(1)
23	IP- Have Both The Licensee and Lessee Executed	char(1)
24	IP - Does the Lessee Have A General Partnership Interest	char(1)
25	IP - Is The Lessee A Controlling Interest or Affiliate	char(1)
26	IP - Does the Licensee Certify That The Lessee Does Not Affect	char(1)
27	IP - Share office space with any party controlling the entity	char(1)
28	IP - Modification of Security Agreement Date	mm/dd/yyyy
29	IP - Lien Acknowledgement Date	mm/dd/yyyy
30	CB - Does the Lessee Have A General Partnership Interest	char(1)
31	CB - Is The Lessee A Controlling Interest or Affiliate	char(1)
32	CB - Does the Licensee Certify That The Lessee Does Not Affect	char(1)
33	CB - share office space with any party controlling the entity	char(1)

ULS Data File Formats

CALL SIGN/FILE NUMBER		
Position	Data Element	Definition
1	Record Type [CF]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Item Type Indicator	char(1)
6	Item Type	char(14)
7	Constructed?	char(1)
8	Location Number	integer
9	Path Number	integer
10	Frequency Assigned	numeric(16,8)
11	Frequency Upper Band	numeric(16,8)
12	Number of Mobiles	integer
13	CF Action Performed	char(1)
14	Actual Date of Construction	mm/dd/yyyy
15	Frequency Number	integer
16	Assign Callsign	char(10)

ULS Data File Formats

INTERNATIONAL ADDRESSES		
Position	Data Element	Definition
1	Record Type [IA]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	International Address 1	varchar(60)
7	International Address 2	varchar(60)
8	International City	varchar(20)
9	Country	varchar(20)
10	International Zip Code	varchar(20)
11	International Phone	char(20)
12	International Fax	char(20)

ULS Data File Formats

LICENSE FREE FORM SPECIAL CONDITION		
Position	Data Element	Definition
1	Record Type [SF]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	License Free Form Type	char(1)
7	Unique License Free Form Identifier	numeric(9,0)
8	Sequence Number	integer
9	License Free Form Condition	varchar(255)
10	Status Code	char(1)
11	Status Date	mm/dd/yyyy

ULS Data File Formats

MARKET		
Position	Data Element	Definition
1	Record Type [MK]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Market Code	char(6)
7	Channel Block	char(4)
8	Submarket Code	integer
9	Market Name	char(30)
10	Coverage - Partitioning	char(1)
11	Coverage - Dissagregation	char(1)
12	Cellular Phase ID	smallint
13	Population	numeric(9,0)
14	Tribal Credit Indicator	char(1)
15	Tribal Credit Calculation	money
16	Additional Tribal Credit Requested	money
17	Tribal Credit Awarded	money
18	Additional Tribal Credit Awarded	money
19	Bidding Credit Percentage	numeric(5,4)
20	Open Closed Bidding	char(1)
21	Bidding Credit Type	char(1)
22	Claiming Unserved Area	char(1)

ULS Data File Formats

TRIBAL LAND			
Position	Data Element	Definition	
1	Record Type [TL]	char(2)	
2	Unique System Identifier	numeric(9,0)	
3	ULS File Number	char(14)	
4	EBF Number	varchar(30)	
5	Call Sign	char(10)	
6	Market Code	char(6)	
7	Channel Block	char(4)	
8	Action Performed	char(1)	
9	Tribal Land Name	varchar(80)	
10	Tribal Certification	char(1)	
11	Tribal Land Type	varchar(10)	
12	Square Kilometers	numeric(8,0)	

ULS Data File Formats

MARKET COORDINATE		
Position	Data Element	Definition
1	Record Type [MC]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Undefined Partitioned Area ID	numeric(9,0)
7	Partition Sequence Number	integer
8	Partition Latitude Degrees	integer
9	Partition Latitude Minutes	integer
10	Partition Latitude Seconds	numeric(3,1)
11	Partition Latitude Direction	char(1)
12	Partition Longitude Degrees	integer
13	Partition Longitude Minutes	integer
14	Partition Longitude Seconds	numeric(3,1)
15	Partition Longitude Direction	char(1)
16	Undefined Partitioned Area	integer

ULS Data File Formats

MARKET PARTITION		
Position	Data Element	Definition
1	Record Type [MP]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Market Partition Code	char(6)
7	Defined Partition Area	varchar(60)
8	Defined Area Population	numeric(9,0)
9	Include Exclude Indicator	char(1)
10	Partitioned Sequence Area ID	numeric(9,0)
11	Action Performed	char(1)
12	Census Figures	integer
13	Def_Undef_Ind	char(1)
14	Partition Sequence Number	integer

ULS Data File Formats

LOCATION				
Position	Data Element	Definition		
1	Record Type [LO]	char(2)		
2	Unique System Identifier	numeric(9,0)		
3	ULS File Number	char(14)		
4	EBF Number	varchar(30)		
5	Call Sign	char(10)		
6	Location Action Performed	char(1)		
7	Location Type Code	char(1)		
8	Location Class Code	char(1)		
9	Location Number	integer		
10	Site Status	char(1)		
11	Corresponding Fixed Location	integer		
12	Location Address	varchar(80)		
13	Location City	char(20)		
14	Location County/Borough/Parish	varchar(60)		
15	Location State	char(2)		
16	Radius of Operation	numeric(5,1)		
17	Area of Operation Code	char(1)		
18	Clearance Indicator	char(1)		
19	Ground Elevation	numeric(7,1)		
20	Latitude Degrees	integer		
21	Latitude Minutes	integer		
22	Latitude Seconds	numeric(3,1)		
23	Latitude Direction	char(1)		
24	Longitude Degrees	integer		
25	Longitude Minutes	integer		
26	Longitude Seconds	numeric(3,1)		
27	Longitude Direction	char(1)		
28	Max Latitude Degrees	integer		
29	Max Latitude Minutes	integer		
30	Max Latitude Seconds	numeric(3,1)		
31	Max Latitude Direction	char(1)		
32	Max Longitude Degrees	integer		
33	Max Longitude Minutes	integer		
34	Max Longitude Seconds	numeric(3,1)		
35	Max Longitude Direction	char(1)		
36	Nepa	char(1)		
37	Quiet Zone Notification Date	mm/dd/yyyy		
38	Tower Registration Number	char(10)		
39	Height of Support Structure	numeric(7,1)		
40	Overall Height of Structure	numeric(7,1)		
41	Structure Type	char(7)		
42	Airport ID	char(4)		
43	Location Name	char(20)		
44	Units Hand Held	integer		
45	Units Mobile	integer		
46	Units Temp Fixed	integer		
47	Units Aircraft	integer		
48	Units Itinerant	integer		
49	Status Code	char(1)		
50	Status Date	mm/dd/yyyy		
51	Earth Station Agreement	char(1)		

ULS Data File Formats

ADDITIONAL LOCATION DATA		
Position	Data Element	Definition
1	Record Type [L2]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Location Action Performed	char(1)
7	Location Number	integer
8	Registration Required	char(1)
9	Protection Date	mm/dd/yyyy hh:mm:ss:ms
10	Link Registration Number	varchar(30)
11	Link Registration Number Action	char(1)
12	Mexico clearance indicator	char(1)
13	Quiet Zone consent	char(1)
14	Status Code	char(1)
15	Status Date	mm/dd/yyyy

ULS Data File Formats

AREA OF OPERATION TEXT		
Position	Data Element	Definition
1	Record Type [OP]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Location Number	integer
7	Area Text Sequence Number	integer
8	Area of Operation Text	varchar(255)
9	Status Code	char(1)
10	Status Date	mm/dd/yyyy

ULS Data File Formats

ANTENNA		
Position	Data Element	Definition
1	Record Type [AN]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Antenna Action Performed	char(1)
7	Antenna Number	integer
8	Location Number	integer
9	Receive Zone Code	char(6)
10	Antenna Type Code	char(1)
11	Height to Tip	numeric(5,1)
12	Height to Center RAAT	numeric(5,1)
13	Antenna Make	varchar(25)
14	Antenna Model	varchar(25)
15	Tilt	numeric(3,1)
16	Polarization Code	char(5)
17	Beamwidth	numeric(4,1)
18	Gain	numeric(4,1)
19	Azimuth	numeric(4,1)
20	Height Above Avg Terrain	numeric(5,1)
21	Diversity Height	numeric(5,1)
22	Diversity Gain	numeric(4,1)
23	Diversity Beam	numeric(4,1)
24	Reflector Height	numeric(5,1)
25	Reflector Width	numeric(4,1)
26	Reflector Separation	numeric(5,1)
27	Passive Repeater Number	integer
28	Back-to-Back Tx Dish Gain	numeric(4,1)
29	Back-to-Back Rx Dish Gain	numeric(4,1)
30	Location Name	varchar(20)
31	Passive Repeater Sequence ID	integer
32	Alternative CGSA Method	char(1)
33	Path Number	integer
34	Line loss	numeric(3,1)
35	Status Code	char(1)
36	Status Date	mm/dd/yyyy
37	PSD/Non-PSD Methodology	varchar(10)
38	Maximum ERP	numeric(15,3)

ULS Data File Formats

RECEIVER		
Position	Data Element	Definition
1	Record Type [RC]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Receiver Action Performed	char(1)
7	Location Number	integer
8	Antenna Number	integer
9	Receiver Make	varchar(25)
10	Receiver Model	varchar(25)
11	Receiver Stability	numeric(6,5)
12	Receiver Noise Figure	numeric(5,2)
13	Status Code	char(1)
14	Status Date	mm/dd/yyyy

ULS Data File Formats

Receive Zone		
Position	Data Element	Definition
1	Record Type [RZ]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Antenna Action Performed	char(1)
7	Location Number	integer
8	Antenna Number	integer
9	Receive Zone Number	integer
10	Receive Zone	char(6)

ULS Data File Formats

FREQUENCY		
Position	Data Element	Definition
1	Record Type [FR]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Frequency Action Performed	char(1)
7	Location Number	integer
8	Antenna Number	integer
9	Class Station Code	char(4)
10	Op Altitude Code	char(2)
11	Frequency Assigned	numeric(16,8)
12	Frequency Upper Band	numeric(16,8)
13	Frequency Carrier	numeric(16,8)
14	Time Begin Operations	integer
15	Time End Operations	integer
16	Power Output	numeric(15,3)
17	Power ERP	numeric(15,3)
18	Tolerance	numeric(6,5)
19	Frequency Indicator	char(1)
20	Status	char(1)
21	EIRP	numeric(7,1)
22	Transmitter Make	varchar(25)
23	Transmitter Model	varchar(25)
24	Auto Transmitter Power Control	char(1)
25	Number of Units	integer
26	Number of Paging Receivers	integer
27	Frequency Number	integer
28	Status Code	char(1)
29	Status Date	mm/dd/yyyy

ULS Data File Formats

ADDITIONAL FREQUENCY INFORMATION		
Position	Data Element	Definition
1	Record Type [F2]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Additional Frequency Info Action Performed	char(1)
7	Location Number	integer
8	Antenna Number	integer
9	Frequency Number	integer
10	Frequency Assigned	numeric(16,8)
11	Frequency Upper Band	numeric(16,8)
12	Offset	char(3)
13	Frequency Channel Block	char(4)
14	Equipment Class	char(2)
15	Minimum Power Output	numeric(15,3)
16	Date First Used	mm/dd/yyyy
17	Status Code	char(1)
18	Status Date	mm/dd/yyyy
19	Protocol Restricted or Unrestricted	char(1)

ULS Data File Formats

FREQUENCY TYPE		
Position	Data Element	Definition
1	Record Type [FT]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Frequency Type Action Performed	char(1)
7	Location Number	integer
8	Antenna Number	integer
9	Frequency Assigned	numeric(16,8)
10	Frequency Type Number	integer
11	Frequency Type Code	char(2)

ULS Data File Formats

IRAC		
Position	Data Element	Definition
1	Record Type [IR]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	Call Sign	char(10)
5	Location Number	integer
6	Antenna Number	integer
7	Frequency Assigned	numeric(16,8)
8	IRAC Results	char(2)
9	FAS Docket Number	char(8)
10	FCCM Number	char(10)
11	FAA NG Number	char(11)
12	Status Code	char(1)
13	Status Date	mm/dd/yyyy
14	Coordination Status Code	smallint

ULS Data File Formats

COSER		
Position	Data Element	Definition
1	Record Type [CS]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	Call Sign	char(10)
5	Location Number	integer
6	Antenna Number	integer
7	Frequency Assigned	numeric(16,8)
8	Coser Result	char(5)
9	Coser Number	char(10)
10	Coser Request Type	char(1)
11	Status Code	char(1)
12	Status Date	mm/dd/yyyy

ULS Data File Formats

FREQUENCY FREE FORM SPECIAL CONDITION		
Position	Data Element	Definition
1	Record Type [FF]	char(2)
2	Unique System Identifier	numeric(9,0)
3	Call Sign	char(10)
4	Location Number	integer
5	Antenna Number	integer
6	Frequency	numeric(16,8)
7	Frequency Number	integer
8	Frequency Free Form Type	char(1)
9	Unique Frequency Free Form Identifier	numeric(9,0)
10	Sequence Number	integer
11	Frequency Free Form Condition	varchar(255)
12	Status Code	char(1)
13	Status Date	mm/dd/yyyy

ULS Data File Formats

BUILDOUT FREQUENCY		
Position	Data Element	Definition
1	Record Type [BF]	char(2)
2	Unique System Identifier	numeric(9,0)
3	Call Sign	char(10)
4	Location Number	integer
5	Antenna Number	integer
6	Frequency Assigned	numeric(16,8)
7	Buildout Code	integer
8	Buildout Deadline	mm/dd/yyyy
9	Buildout Date	mm/dd/yyyy
10	Status Code	char(1)
11	Status Date	mm/dd/yyyy
12	Frequency Number	integer

Uls Data File Formats

RADIAL		
Position	Data Element	Definition
1	Record Type [RA]	char(2)
2	Unique System Identifier	numeric(9,0)
3	Uls File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Radial Action Performed	char(1)
7	Location Number	integer
8	Antenna Number	integer
9	Frequency Number	integer
10	Frequency Assigned	numeric(16,8)
11	Frequency Upper Band	numeric(16,8)
12	Radial Direction	numeric(3,0)
13	Radial HAAT	numeric(5,1)
14	Radial ERP	numeric(7,3)
15	Distance to SAB	numeric(4,1)
16	Distance to CGSA	numeric(4,1)
17	Status Code	char(1)
18	Status Date	mm/dd/yyyy

ULS Data File Formats

EMISSION		
Position	Data Element	Definition
1	Record Type [EM]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Location Number	integer
7	Antenna Number	integer
8	Frequency Assigned/Channel Center	numeric(16,8)
9	Emission Action Performed	char(1)
10	Emission Code	char(10)
11	Digital Mod Rate	numeric(8,1)
12	Digital Mod Type	char(255)
13	Frequency Number	integer
14	Status Code	char(1)
15	Status Date	mm/dd/yyyy
16	Emission Sequence Id	integer
	x	

ULS Data File Formats

MICROWAVE PATH		
Position	Data Element	Definition
1	Record Type [PA]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Action Performed	char(1)
7	Path Number / Link Number	integer
8	Transmit Location Number	integer
9	Transmit Antenna Number	integer
10	Receiver Location Number	integer
11	Receiver Antenna Number	integer
12	MAS/DEMS SubType of Operation	char(2)
13	Path Type Code	char(20)
14	Passive Receiver Indicator	char(1)
15	Country Code	char(3)
16	Interference to GSO?	char(1)
17	Receiver Call Sign	varchar(10)
18	Angular Separation	numeric(3,2)
19	Cert No Alternative	char(1)
20	Cert No Interference	char(1)
21	Status Code	char(1)
22	Status Date	mm/dd/yyyy

ULS Data File Formats

MICROWAVE SEGMENTS		
Position	Data Element	Definition
1	Record Type [SG]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Action Performed	char(1)
7	Path Number	integer
8	Transmit Location Number	integer
9	Transmit Antenna Number	integer
10	Receiver Location Number	integer
11	Receiver Antenna Number	integer
12	Segment Number	integer
13	Segment Length	numeric(12,6)
14	Status Code	char(1)
15	Status Date	mm/dd/yyyy

ADDITIONAL MM APPLICATION ATTACHMENT INFORMATION		
Position	Data Element	Definition
1	Record Type [AH]	char(2)
2	ULS File Number	char(14)
3	Attachment Description	varchar(60)
4	Attachment File ID	char(18)

ADDITIONAL MM LICENSE ATTACHMENT INFORMATION		
Position	Data Element	Definition
1	Record Type [LH]	char(2)
2	Callsign	char(14)
3	Attachment Description	varchar(60)
4	Attachment File ID	char(18)

ULS Data File Formats

BRS/EBS Specific Questions		
Position	Data Element	Definition
1	Record Type [BE]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Multichannel	char(1)
7	Cable-tv	char(1)
8	Programming Requirements	char(1)
9	Interference Protection	char(1)

ULS Data File Formats

CHANNEL PLAN INFORMATION		
Position	Data Element	Definition
1	Record Type [MH]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Action Performed	char(1)
7	Channel Plan Number	char(4)
8	Channel Plan	char(1)

ULS Data File Formats

MEA NUMBER		
Position	Data Element	Definition
1	Record Type [ME]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	MEA_Number	char(6)
7	Action Performed	char(1)

ULS Data File Formats

LICENSE ATTACHMENT		
Position	Data Element	Definition
1	Record Type [LA]	char(2)
2	Unique System Identifier	numeric(9,0)
3	Call Sign	char(10)
4	Attachment Code	char(1)
5	Attachment Description	varchar(60)
6	Attachment Date	mm/dd/yyyy
7	Attachment File Name	varchar(60)
8	Action Performed	char(1)

ULS Data File Fromats

Closed Bidding/ Designated Entity Eligibility		
Position	Data Element	Definition
1	Record Type [CD]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Year Sequence ID	smallint
6	Gross Revenues	money
7	Year End Date	mm/dd/yyyy
8	Aggregate Gross Revenue- Designated Entity	money
9	Aggregate Gross Revenue- Closed Bidding	money
10	Total Assets	money

ULS Data File Formats

Revenue Information		
Position	Data Element	Definition
1	Record Type [RI]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Entity Type	char(1)
6	Year Sequence ID	smallint
7	Gross Revenues	money
8	Year End Date	mm/dd/yyyy
9	Average Gross Revenues	money
10	Asset Disclosure	money
11	Statement Type	char(1)
12	In_Existence	char(1)

ULS Data File Formats

Lease Dates		
Position	Data Element	Definition
1	Record Type [LD]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign (Lease Id)	char(10)
6	Lease Commencement Date	mm/dd/yyyy
7	Lease Revised Expiration Date	mm/dd/yyyy
8	Lease Termination Date	mm/dd/yyyy
9	Lease Never Commenced	varchar(1)

ULS Data File Formats

Lease Link		
Position	Data Element	Definition
1	Record Type [LL]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Lease ID	char(10)
7	Licensee Id (for the license)	numeric(9,0)

ULS Data File Formats

Lease Classification		
Position	Data Element	Definition
1	Record Type [LC]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Lease Id	char(10)
6	Classification of Lease	char(2)
7	Lease Filing Type	char(1)
8	Lease Term	char(1)

ULS Data File Formats

Leased Location		
Position	Data Element	Definition
1	Record Type [L3]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Lease ID	char(10)
7	Leased Site Link Identifier	numeric(9,0)
8	Location Action Performed	char(1)
9	Location Type Code	char(1)
10	Location Class Code	char(1)
11	Location Number	integer
12	Site Status	char(1)
13	Corresponding Fixed Location	integer
14	Location Address	varchar(80)
15	Location City	char(20)
16	Location County	varchar(60)
17	Location State	char(2)
18	Radius of Operation	numeric(5,1)
19	Area of Operation Code	char(1)
20	Clearance Indicator	char(1)
21	Ground Elevation	numeric(7,1)
22	Latitude Degrees	integer
23	Latitude Minutes	integer
24	Latitude Seconds	numeric(3,1)
25	Latitude Direction	char(1)
26	Longitude Degrees	integer
27	Longitude Minutes	integer
28	Longitude Seconds	numeric(3,1)
29	Longitude Direction	char(1)
30	Max Latitude Degrees	integer
31	Max Latitude Minutes	integer
32	Max Latitude Seconds	numeric(3,1)
33	Max Latitude Direction	char(1)
34	Max Longitude Degrees	integer
35	Max Longitude Minutes	integer
36	Max Longitude Seconds	numeric(3,1)
37	Max Longitude Direction	char(1)
38	Nepa	char(1)
39	Quiet Zone Notification Date	mm/dd/yyyy
40	Tower Registration Number	char(10)
41	Height of Support Structure	numeric(7,1)
42	Overall High of Structure	numeric(7,1)
43	Structure Type	char(7)
44	Airport ID	char(4)
45	Location Name	char(20)
46	Units Hand Held	integer
47	Units Mobile	integer
48	Units Temp Fixed	integer
49	Units Aircraft	integer
50	Units Itinerant	integer

ULS Data File Formats

51	Status Code	char(1)
52	Status Date	mm/dd/yyyy

ULS Data File Formats

Additional Leased Location		
Position	Data Element	Definition
1	Record Type [L4]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Lease ID	char(10)
7	Leased Site Link Identifier	numeric(9,0)
8	Location Action Performed	char(1)
9	Licensed Location Number	integer
10	Registration Required	char(1)
11	Protection Date	mm/dd/yyyy hh:mm:ss:ms
12	Link Registration Number	varchar(30)
13	Link Registration Number Action	char(1)
14	Mexico Clearance Indicator	char(1)
15	Quiet Zone Consent	char(1)
16	Status Code	char(1)
17	Status Date	mm/dd/yyyy

ULS Data File Formats

Leased Location Area of Operation		
Position	Data Element	Definition
1	Record Type [O2]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Lease ID	char(10)
7	Leased Site Link Identifier	numeric(9,0)
8	Leased Location Number	integer
9	Area Text Sequence Number	integer
10	Area of Operation Text	varchar(255)
11	Status Code	char(1)
12	Status Date	mm/dd/yyyy

ULS Data File Formats

Leased Location Canned Special Conditions		
Position	Data Element	Definition
1	Record Type [L5]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Lease ID	char(10)
7	Leased Site Link Identifier	numeric(9,0)
8	Leased Location Number	integer
9	Special Condition Type	char(1)
10	Special Condition Code	integer
11	Status Code	char(1)
12	Status Date	mm/dd/yyyy

ULS Data File Formats

Lease Location Free-Form Special Conditions		
Position	Data Element	Definition
1	Record Type [L6]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Lease ID	char(10)
7	Leased Site Link Identifier	numeric(9,0)
8	Leased Location Number	integer
9	Location Free Form Type	char(1)
10	Unique Location Free Form Identifier	numeric(9,0)
11	Sequence Number	integer
12	Location Free Form Condition	varchar(255)
13	Status Code	char(1)
14	Status Date	mm/dd/yyyy

ULS Data File Formats

Leased Antenna		
Position	Data Element	Definition
1	Record Type [A3]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Lease ID	char(10)
7	Leased Site Link Identifier	numeric(9,0)
8	Antenna Action Performed	char(1)
9	Licensed Antenna Number	integer
10	Licensed Location Number	integer
11	Receive Zone Code	char(6)
12	Antenna Type Code	char(1)
13	Height To Tip	numeric(5,1)
14	Height to Center RAAT	numeric(5,1)
15	Antenna Make	varchar(25)
16	Antenna Model	varchar(25)
17	Tilt	numeric(3,1)
18	Polarization Code	char(5)
19	Beamwidth	numeric(4,1)
20	Gain	numeric(4,1)
21	Azimuth	numeric(4,1)
22	Height Above Avg Terrain	numeric(5,1)
23	Diversity Height	numeric(5,1)
24	Diversity Gain	numeric(4,1)
25	Diversity Beam	numeric(4,1)
26	Reflector Height	numeric(5,1)
27	Reflector Width	numeric(4,1)
28	Reflector Separation	numeric(5,1)
29	Passive Repeater Number	integer
30	Back to Back Tx Dish Gain	numeric(4,1)
31	Back to Back Rx Dish Gain	numeric(4,1)
32	Location Name	varchar(20)
33	Passive Repeater Sequence ID	integer
34	Alternative CGSA Method	char(1)
35	Path Number	integer
36	Line Loss	numeric(3,1)
37	Status Code	char(1)
38	Status Date	mm/dd/yyyy

ULS Data File Formats

Leased Frequency		
Position	Data Element	Definition
1	Record Type [F3]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Lease ID	char(10)
7	Leased Site Link Identifier	numeric(9,0)
8	Frequency Action Performed	char(1)
9	Licensed Location Number	integer
10	Licensed Antenna Number	integer
11	Class Station Code	char(4)
12	Op Altitude Code	char(2)
13	Frequency Assigned	numeric(16,8)
14	Frequency Upper Band	numeric(16,8)
15	Frequency Carrier	numeric(16,8)
16	Time Begin Operations	integer
17	Time End Operations	integer
18	Power Output	numeric(15,3)
19	Power ERP	numeric(15,3)
20	Tolerance	numeric(6,5)
21	Frequency Indicator	char(1)
22	Status	char(1)
23	EIRP	numeric(7,1)
24	Transmitter Make	varchar(25)
25	Transmitter Model	varchar(25)
26	Auto Transmitter Power Control	char(1)
27	Number of Units	integer
28	Number of Paging Receivers	integer
29	Frequency Number	integer
30	Status Code	char(1)
31	Status Date	mm/dd/yyyy

ULS Data File Formats

Additional Leased Frequency		
Position	Data Element	Definition
1	Record Type [F4]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Lease ID	char(10)
7	Leased Site Link Identifier	numeric(9,0)
8	Additional Frequency Action Performed	char(1)
9	Licensed Location Number	integer
10	Licensed Antenna Number	integer
11	Frequency Number	integer
12	Frequency Assigned	numeric(16,8)
13	Frequency Upper Band	numeric(16,8)
14	Frequency Offset	char(3)
15	Frequency Channel Block	char(4)
16	Equipment Class	char(2)
17	Minimum Power Output	numeric(15,3)
18	Date First Used	mm/dd/yyyy
19	Status Code	char(1)
20	Status Date	mm/dd/yyyy

ULS Data File Formats

Leased Frequency Canned Special Conditions		
Position	Data Element	Definition
1	Record Type [F5]	char(2)
2	Unique System Identifier	numeric(9,0)
3	Call Sign	char(10)
4	Lease ID	char(10)
5	Leased Site Link Identifier	numeric(9,0)
6	Leased Location Number	integer
7	Leased Antenna Number	integer
8	Frequency	numeric(16,8)
9	Frequency Number	integer
10	Special Condition Type	char(1)
11	Special Condition Code	integer
12	Status Code	char(1)
13	Status Date	mm/dd/yyyy

ULS Data File Formats

Leased Frequency Free-Form Special Conditions		
Position	Data Element	Definition
1	Record Type [F6]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Lease ID	char(10)
7	Leased Site Link Identifier	numeric(9,0)
8	Leased Location Number	integer
9	Leased Antenna Number	integer
10	Frequency Number	integer
11	Frequency	numeric(16,8)
12	Frequency Free Form Type	char(1)
13	Unique Frequency Free Form Identifier	numeric(9,0)
14	Sequence Number	integer
15	Frequency Free Form Condition	varchar(255)
16	Status Code	char(1)
17	Status Date	mm/dd/yyyy

ULS Data File Formats

Leased Microwave Path		
Position	Data Element	Definition
1	Record Type [P2]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Lease ID	char(10)
7	Leased Site Link Identifier	numeric(9,0)
8	Action Performed	char(1)
9	Licensed Path Number	integer
10	Licensed Transmit Location Number	integer
11	Licensed Transmit Antenna Number	integer
12	Licensed Receiver Location Number	integer
13	Licensed Receiver Antenna Number	integer
14	MAS/ DEMS Sub Type of Operation	char(2)
15	Path Type Code	char(20)
16	Passive Receiver Indicator	char(1)
17	Country Code	char(3)
18	Interference to GSO	char(1)
19	Receiver Call Sign	varchar(10)
20	Angular Separation	numeric(3,2)
21	Cert No Alternative	char(1)
22	Cert No Interference	char(1)
23	Status Code	char(1)
24	Status Date	mm/dd/yyyy

Transmission Method or Protocol		
Position	Data Element	Definition
1	Record Type [TP]	char(2)
2	Unique System Identifier	numeric(9,0)
3	ULS File Number	char(14)
4	EBF Number	varchar(30)
5	Call Sign	char(10)
6	Location Number	integer
7	Antenna Number	integer
8	Frequency Number	integer
9	Prototype Sequence ID	integer
10	Protocol	varchar(40)
11	Protocol Description	varchar(255)
12	Action Performed	char(1)
13	Status Code	char(1)
14	Status Date	mm/dd/yyyy