
CDBS Engineering Data Description

table name	altc_group	
column name	Entity-Attribute Definition	Data Type
altc_group_id	Uniquely identifies an altc Group ID	int
app_arn	The ARN of an application. The date application filed (with a 4-digit year) followed by a 3-letter combination representing the order of processing during a particular day (AA=1st, AB=2nd, etc)	varchar(12)
app_service	Two letter code describing the service of the application	varchar(2)
comm_city	City	char(20)
comm_state	State	char(2)
fac_callsign	The call sign of the facility/station	char(12)
facility_id	Uniquely identifies a facility	int
file_prefix	Derived combination data type consisting of a "B", the code of the application type (CP=Construction Permit e.g.) and the code for the facility type	varchar(10)
last_change_date	The date this record was last updated.	datetime
main_application_id	Uniquely identifies an application	int
order_number	Uniquely identifies the position of the row	smallint
permit_arn	The ARN of an permit. The date application filed (with a 4-digit year) followed by a 3-letter combination representing the order of processing during a particular day (AA=1st, AB=2nd, etc)	varchar(12)
permit_prefix	The prefix of an application.	varchar(10)
tracked_by_group_id	Indicates whether this application is still being tracked by the "main" application of the group (the application in main_application_id).	int

table name	am_ant_sys	
column name	Entity-Attribute Definition	Data Type
am_dom_status	Engineering status of record	char(1)
ant_dir_ind	Indicates whether the antenna is directional or not	ind
ant_mode	Mode of the complete antenna system. It indicates whether directional or non-directional, number of patterns, etc. For example: DA1, DA2, DAN, ND1, ND2	char(3)
ant_sys_id	Identifies a specific antenna within a facility.	int

application_id	Uniquely identifies an application	int
aug_count	The count of the total number of augmentations in the array (minimum = 0; maximum = 28)	tinyint
augmented_ind	Indicates if the antenna is augmented Y or not N.	char(1)
bad_data_switch	Indicates whether some parameters in this record are known to be bad. spaces: no bad data. B: some (undefined) data is known to be bad. V: Antenna parameters affecting calculations in the vertical plane are known to be bad; antenna parameters affecting	char(1)
biased_lat	Digital Latitude: Calculated value: (latitude degrees +90) + (lat_min/60) + (lat_sec/3600). Used for indexing. Eliminates negative values	float
biased_long	Digital Longitude, Calculated value: (degrees+180) + (minutes/60) + (seconds/3600). Used for indexing. Eliminates negative values	float
domestic_pattern	Type of directional antenna pattern, as authorized domestically. T: Theoretical. S: Standard. A: Augmented.	char(1)
dummy_data_switch	Indicates whether some of the parameters in this record are assumed values, rather than actual values. Possible values are: spaces: nothing is assumed. D: something (undefined) is assumed in this record. V: Antenna parameters affecting calculations	char(1)
efficiency_restricted	Restricted antenna radiation	float
efficiency_theoretical	The antenna radiation at 1 km from the antenna. Same as RMS Theoretical	float
eng_record_type	Flag indicating the type of Engineering record this is. A: Archive C: Current	char(1)
feed_circ_other	Text describing the type of feed circuit when the feed circuit is not one of the standard types.	varchar(255)
feed_circ_type	Identifies the type of feed circuit used with the antenna: Series Feed; Folded Unipole; Shunt Feed; Other.	char(2)
grandfathered_ind	Indicates whether or not the rules are grandfathered	ind
hours_operation	The operating hours during which the parameters are used. Values: U: Unlimited (both day and night or portions thereof); N: Nighttime; D: Daytime; C: Critical Hours; R: Canadian Restricted; P: Pre-sunrise.	char(1)
last_update_date	The date this record was last updated.	datetime
lat_deg	The degrees portion of the latitude	int
lat_dir	The direction for the latitude: N for North latitude and S for South.	char(1)
lat_min	The minutes portion of the latitude	int
lat_sec	The seconds portion of the latitude	float
lat_whole_secs	Latitude, expressed in seconds	int
lon_deg	The degrees portion of the longitude	int

lon_dir	The direction for the longitude: W for West longitude and E for East.	char(1)
lon_min	The minutes portion of the longitude	int
lon_sec	The seconds portion of the longitude	float
lon_whole_secs	Longitude, expressed in seconds	int
mainkey	Primary Key in legacy database. Not maintained in CDBS.	varchar(16)
power	Nominal Power (Night)	float
q_factor	Q for the standard pattern formula in 73.150. When this is blank, Q should be computed and used. When this is non-blank (including 0), this value of Q should be used as a special Q. Units are mV/m at 1 km.	float
q_factor_custom_ind	Indicates that this record had a custom-entered q-factor in legacy.	ind
rms_augmented	RMS is the root-mean-square of the augmented standard radiation pattern in all directions in the horizontal plane in mV/m at 1 km. Computed by formula in 73.152	float
rms_standard	The RMS of the standard radiation pattern in all directions in the horizontal plane computed by 73.150	float
rms_theoretical	The root-mean-square of the radiation pattern in all directions in the horizontal plane in mV/m at 1 km, computed by formula in 73.150. Directional Antenna: RMS at the nominal power. Non-Directional Antenna: RMS at 1 kw.	float
specified_hrs_range	Additional information to be included on AM authorization for stations that operate during specified hours	varchar(25)
tower_count	The total number of towers in the array: (1 for Non-Directional; up to 17 for Directional).	tinyint

table name am_augs

column name	Entity-Attribute Definition	Data Type
ant_sys_id	Identifies a specific antenna within a facility.	int
aug_id	Uniquely identifies a specific augmentation; maximum value = 28	tinyint
azimuth_deg	Central azimuth of the augmentation in degrees. Ref 73.152.	float
last_update_date	The date this record was last updated.	datetime
radiation_aug	The radiation at the central azimuth of the augmentation, in mV/m at 1 km. Ref 73.152.	float
span_deg	Complete span of the augmentation in degrees. Ref 73.152.	float

table name am_eng_data

column name	Entity-Attribute Definition	Data Type
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am_dom_status	Engineering status of record	char(1)
ant_monitor	The manufacturer of the antenna monitor equipment: Data entered by hand currently from license form.	name
application_id	Uniquely identifies an application.	int
broadcast_schedule	A one character code for a broadcast schedule; D for Daytime only, N for nighttime only, U for unlimited, L for limited times, and H for specific hours.	char(1)
encl_fence_dist	No longer used	float
facility_id	Uniquely identifies a facility	int
feed_circ_other	Text describing the type of feed circuit when the feed circuit is not one of the standard types.	varchar(255)
feed_circ_type	Identifies the type of feed circuit used with the antenna: Series Feed; Folded Unipole; Shunt Feed; Other.	char(2)
last_update_date	The date this record was last updated.	datetime
old_station_class	Legacy station class	char(2)
region_2_class	Class of the station as notified to the IFRB pursuant to the Region 2 MF Broadcasting Agreement. Class can be A, B, or C.	char(1)
sampl_sys_ind	Indicates whether a system is used to monitor the operation of a directional system.	ind
specified_hours	Specified hours for the broadcast schedule	varchar(255)
station_class	Identifies the class of the station. A, B, C, or D	char(1)
time_zone	A code for the Time zone of the station. Can be 1-7.	char(1)

table name am_towers

column name	Entity-Attribute Definition	Data Type
ant_sys_id	Identifies a specific antenna within a facility.	int
asrn_id	Unique ASRN number assigned to a registered tower. ASRN==Antenna Site Registration Number, and is obtained from ASRS (Antenna Site Registration System)	int
asrn_na_ind	ASRN Number Not Applicable Indicator	ind
elec_hgt_deg	The height of the radiator in electrical degrees, normally not the height above ground. Usually it is the height above insulator without obstruction lighting.	float
faa_notified_ind	Indicates whether the FAA has been notified re this tower	ind
field_ratio	The ratio of the field radiated by each tower.	float
hag_no_obst	Overall height above ground (without obstruction lighting)	float

hgt_overall_mtr	Overall Height Above Ground Include Obstruction Lighting	float
hgt_rad_ab	Overall height of radiator above base insulator, or above base, if grounded	float
hgt_radiator_mtr	Height of antenna radiator in meter	float
last_update_date	The date this record was last updated.	datetime
orientation_deg	The orientation of this tower, in electrical degrees, from the origin or from the immediately preceding tower, depending on the value of the tower reference	float
phasing_deg	The relative phasing for this tower in electrical degrees. Range: -360 to +360.	float
rad_hgt_deg	The height of antenna radiator in degrees.	float
spacing_deg	The spacing of this tower, in electrical degrees, from the origin or from the immediately preceding tower, depending on the value of the tower reference switch. FORTRAN F8.3	float
top_loaded_switch	Indicates whether this tower is a normal tower, top-loaded, or sectionalized. Values: blank or 0: normal tower; . 1: top-loaded tower; 2 and up: Sectionalized tower	char(1)
topload_a	Value dependent on the value of Top-Loaded/Sectionalized Switch (T/LSS). T/LSS = 1: "A" in top-loaded formula (73.160(b)); stored in electrical degrees. T/LSS = 2: "A" in the sectionalized formula (73.160(b)); stored in electrical degrees.	float
topload_apparent_hgt	Toploaded/Sectionalized Antenna Apparent height	float
topload_b	Value dependent on the value of Top-Loaded/Sectionalized Switch (T/LSS). T/LSS = 1: "B" in top-loaded formula (73.160(b)); stored in electrical degrees. T/LSS = 2: "B" in the sectionalized formula (73.160(b)); stored in electrical degrees.	float
topload_c	Value dependent on the value of Top-Loaded/Sectionalized Switch (T/LSS). T/LSS = 1: C is not used. T/LSS = 2: "C" in the sectionalized formula (73.160(b)); stored in electrical degrees. Additional possibilities are defined in the program code.	float
topload_d	Value dependent on the value of Top-Loaded/Sectionalized Switch (T/LSS). T/LSS = 1: D is not used. T/LSS = 2: "D" in the sectionalized formula (73.160(b)); stored in electrical degrees. Additional possibilities are defined in the program code.	float
tower_num	Sequential number of tower (1..17)	tinyint
tower_pl_codes	Paragraph numbers identifying painting and lighting requirements for towers. Formerly included on authorizations.	varchar(40)
tower_ref_switch	Indicates the spacing and orientation of this tower with respect to the origin or to the immediately preceding tower. blank or 0: with respect to the origin; 1: with respect to immediately preceding tower	char(1)
tower_type	Indicates whether the Tower Type is (A) Top-loaded, (B) Sectionalized, or (C) Neither	char(1)

table name ant_make

column name	Entity-Attribute Definition	Data Type
ant_make	The make of an antenna	char(3)
ant_model_num	The model number of an antenna	name
antenna_id	Identifies a specific antenna make and model	int
app_service	The Service using this antenna	char(2)
last_change_date	The date this record was last updated.	datetime
standard_ind	Indicates if Standard pattern is used or the pattern is modified.	char(1)

table name ant_pattern

column name	Entity-Attribute Definition	Data Type
additional_az_num	Identifies Order Additional Azimuths Entered from the Form	smallint
antenna_id	Identifies a specific antenna make and model	int
azimuth	Azimuth, in whole degrees, on which the relative field is measured.	float
field_value	The relative field value for a specific azimuth	float
last_change_date	The date this record was last updated.	datetime

table name app_party

column name	Entity-Attribute Definition	Data Type
application_id	Uniquely identifies an application	int
cert_date	The date on which the certifying party signed the application	datetime
cert_title	The title of the certifying party	title
last_change_date	The date this record was last updated.	datetime
other_fcc_id	Other FCC Identifier for the party which may be the applicant	int
party_id	Uniquely identifies the party	int
party_notify_ind	Indicates that this party to an application is the one that should receive notifications and communications from the MMB	ind
party_relationship	Indicates how the two parties are related	varchar(255)

party_type	The type of party to the application indicates the party's role; types may include applicant; assignor/transferor; assignee/transferee; certifier types; contact types; ownership entity; renewal attorney; EEO responsible;	char(5)
sig_name	Name of person "signing" the electronic Signature block	varchar(60)
sig_present_ind	Whether paper application was signed. Not currently used.	ind

table name app_tracking

column name	Entity-Attribute Definition	Data Type
accepted_date	The date the application is accepted for filing by the FCC. Generally feeable applications are not accepted until the fee is paid. This date is the legal date associated with the public notice.	datetime
amendment_stamped_date	The official stamped date of an amendment.	datetime
app_status	Specifying the current application status	varchar(5)
app_status_date	Date the application status took effect.	datetime
application_id	A system-generated incremental number uniquely identifying each application	int
cp_exp_date	The date the Construction Permit will expire	datetime
cutoff_date	The cutoff date of the application. FA/TA: window close date for applications to file for the allotment (its actually populated in gen_app_indicators) FR/TR: rulemaking file date NCEdu/FX/FB/TX/TB: The day by which competitors must file competing apps	datetime
cutoff_type	A code for the type of cutoff	char(1)
dtv_checklist	DTV Checklist application values Y, N	char(1)
last_change_date	The date this record was last updated.	datetime
tolling_code	Code indicating the reason for changing the CP expiration date: J-Judicial Review, A-Administrative Review, G-Act of God, C-Failure of Condition Precedent, L-License Filed, W-Waiver	char(1)

table name application

column name	Entity-Attribute Definition	Data Type
app_arn	The ARN of an application. The date application filed (with a 4-digit year) followed by a 3-letter combination representing the order of processing during a particular day (AA=1st, AB=2nd, etc) Old apps may have only a number or date and letters.	arn
app_code	Indicate that the application was originated from LMS	varchar(10)
app_service	Identifies the specific service being addressed by the application.	char(2)
app_type	The type of application being processed. Code-driven and popul	varchar(4)

application_id	A system-generated incremental number uniquely identifying each application	int
assoc_facility_id	The associated analog facility of a digital low power companion channel station.	int
comm_city	The city of the facility's "community served"	city
comm_county	The county of the facility's "community served"	varchar(20)
comm_state	The state of the facility's "community served"	state
comm_zip1	The zip code (1st 5 digits) of the facility's "community served"	varchar(5)
comm_zip2	The zip code (additional 4 digits) of the facility's "community served"	varchar(4)
correspond_ind	This is a correspondence or informal form rather than an application or filing from a formal numbered form.	char(1)
dtv_type	Indicates whether the facility will operate as a pre-transition facility, post-transition facility or both	varchar(8)
fac_callsign	The call sign of the facility/station	callsign
fac_frequency	The frequency assigned to the station	frequency
facility_id	Uniquely identifies a facility	int
file_prefix	Derived combination data type consisting of a "B", the code of the application type (CP=Construction Permit e.g.) and the code for the facility type	file_prefix
frn	FCC Registration Number	varchar(10)
general_app_service	Whether application service is AM, FM, TV, or DT. Tied directly to a form question. Needed for some forms because the real app_service gets adjusted for auxiliary stations.	char(2)
network_affil	Current network affiliation (free text, not from a list of values), if applicable.	varchar(100)
paper_filed_ind	Indicates whether a form has been paper filed	ind
sat_tv_ind	If satellite TV	char(1)
shortform_app_arn	ARN for the referenced Short Form	varchar(12)
shortform_file_prefix	File Prefix for the referenced Short Form	varchar(10)
station_channel	Channel number	int

table name call_sign_history

column name	Entity-Attribute Definition	Data Type
begin_date	The date the facility's use of a call sign became effective.	datetime
callsign	A call sign assigned to the facility (may be current call sign or previous).	char(12)

callsign_hist_id	Uniquely identifies a call sign history record	int
callsign_seq_id	Uniquely identifies the sequence of a call sign history record for a particular facility ID	tinyint
facility_id	Uniquely identifies a facility	int
record_change_date	Date the call sign history record was changed.	datetime

table name dtv_agreement_group

column name	Entity-Attribute Definition	Data Type
application_id	Uniquely identifies the application.	int
dtv_agreement_group_id	Uniquely identifies row in table	int
fac_callsign	Call Sign of the facility in the negotiated agreement/arrangement	callsign
facility_id	Uniquely identifies the facility	int
last_update_date	The date this record was last updated.	datetime
name	Licensee/Permittee Name	varchar(60)
order_num	Specifies the ordering of the facilities as entered on the form	int

table name dtv_allotment

column name	Entity-Attribute Definition	Data Type
analog_channel	DTV Allotment original analog TV Channel	int
biased_lat	Digital Latitude: Calculated value; (latitude degrees +90) + (lat_min/60) + (lat_sec/3600). Used for indexing. Eliminates negative values	float
biased_long	Digital Longitude, Calculated value: (degrees+180) + (minutes/60) + (seconds/3600). Used for indexing. Eliminates negative values	float
city	Allotment City	city
digital_channel	New DTV Allotment digital channel	int
erp	ERP of the allotment	float
haat	HAAT of the allotment	float
last_change_date	The date this record was last updated.	datetime
lat_deg	Reference Point, latitude degrees	int
lat_dir	The direction for the latitude: N for North latitude and S for South.	char(1)
lat_min	Reference Point, latitude minutes	int

lat_sec	Reference Point, latitude seconds	int
lon_deg	Reference point, longitude Degrees	int
lon_dir	The direction for the longitude: E for East or W for West..	char(1)
lon_min	Reference point, longitude minutes	int
lon_sec	Reference point, longitude seconds	int
state	Allotment State	city

table name dtv_channel_assignments

column name	Entity-Attribute Definition	Data Type
antenna_id	Antenna ID	int
callsign	Call Sign	varchar(12)
city	Community of License City	char(20)
da_ind	Directional Antenna Indicator	char(1)
erp	Effective Radiated Power	float()
facility_id	Facility ID Number	int
haat	Height above average terrain	float()
latitude	Latitude (string)	char(7)
longitude	Longitude (string)	char(8)
ntsc_channel	NTSC channel number	int
post_dtv_channel	Post Transition DTV channel number	int
pre_dtv_channel	Pre Transition DTV channel number	int
rcamsl	Radiation center above mean sea level	int
ref_azimuth	Reference azimuth	smallint
state	Community of License State	char(2)

table name dtv_facility

column name	Entity-Attribute Definition	Data Type
dtv_channel	The channel number of the DTV facility	int
dtv_fac_status	The status of the DTV Facility	char(5)

facility_id	Uniquely identifies a facility	int
last_change_date	The date this record was last updated.	datetime

table name	Entity-Attribute Definition	Data Type
dtv_transition		
addl_coord_ind	Needs to coordinate its transition with other broadcast stations.	char(1)
addl equip_adj_ant_ind	Needs to adjust or install antenna (except for side-mount issue)	char(1)
addl equip_adj_trans_ind	Needs to adjust or install transmitter	char(1)
addl equip_gen_install_ind	Needs a general installation of equipment requiring hiring of a tower crew.	char(1)
addl equip_ind	Needs to obtain, adjust and/or install equipment for its post-transition facility.	char(1)
addl equip_new_ant_ind	Needs a new antenna.	char(1)
addl equip_new_trans_ind	Needs a new transmitter	char(1)
addl equip_other_ind	Other equipment needs	char(1)
addl equip_switch_ant_ind	Needs to switch side-mounted DTV antenna with top-mounted analog antenna.	char(1)
addl_faa_approval_ind	Needs to obtain FAA approval for its post-transition facility.	char(1)
addl_fcc_action_app_arn	ARN of pending application for which FCC action is needed.	char(12)
addl_fcc_action_date	Date of pending application for which FCC action is needed.	datetime
addl_fcc_action_file_prefix	File prefix of pending application for which FCC action is needed.	char(10)
addl_fcc_action_ind	Needs to obtain FCC action on a pending application.	char(1)
addl_intl_ind	Needs to obtain international government clearance for its post-transition facility.	char(1)
addl_local_approval_ind	Needs to obtain state or local government approval.	char(1)
addl_other_ind	Has other needs that must be addressed before it can fully construct and operate its post-transition facility.	char(1)
addl_steps_ind	Anchor for exhibit for Additional steps needed to complete construction	char(1)
addl_tower_ind	Needs to change its tower location or construct a new tower.	char(1)
aff_term_cert_flg	Analog termination cert, for affiliates (only) (Will fully comply (COMPL), Will cooperate (COOP), Will not comply (NOT))	varchar(5)
alt_elected_channel	Alternate elected channel number	int
an_eligibility_showing_ind	Request for Eligibility to Participate in the Statutory Analog Nightlight Program	char(1)
an_objection_callsign	Call Sign of the station whose nightlight eligibility request this filer is objecting to.	char(12)

an_objection_to_elig_showg_ind	Objection to a station's Request for Eligibility Analog Nightlight Program	char(1)
an_participation_notice_ind	Statutory Analog Nightlight (pre-approved eligible station) Participation Notice	char(1)
an_revocation_ind	Station withdraws its previous notification of participation in the statutory analog nightlight program	char(1)
analog_nightlight_ind	A licensee transitioning on February 17 will provide nightlight programming for a minimum of two weeks.	char(1)
analog_service_status	Status of Analog Service	varchar(12)
analog_status_ind	Dummy field used for an exhibit only question	n/a
analog_turnoff_pn_compl_flg	Compliance with conditions for analog turn off set forth in Public Notice FCC 09-7, released February 11, 2009. Values: 'Y' = "Yes, in compliance", 'N' = "Not in compliance", 'D' = "Does not certify".	char(1)
app_arn_cer_a	ARN for form 381, Sect II, Question 1a	char(12)
app_arn_cer_b	ARN for form 381, Sect II, Question 1b	char(12)
app_arn_cer_d	ARN for form 381, Sect II, Question 1d	char(12)
app_arn_cer_e	ARN for form 381, Sect II, Question 1e	char(12)
application_id	Uniquely identifies an application.	int
binding_termination_flg	Binding notification choice (Will cease on June 12 or Not a major network affiliate, will cease on specified date)	char(1)
conflict_decision	Licensee/permittee decides to maintain its second round channel election and certifies that it has resolved its interference conflict(s).	char(1)
const_addl_needed	Additional Construction needed be complete	char(1)
const_not_begun	Construction has not begun	char(1)
const_underway	Construction underway	char(1)
construction_complete_ind	Is Construction Status completed?	char(1)
construction_deadline_date	Current Construction Deadline	datetime
cont_analog_flg	Continuing Analog Service	varchar(5)
cont_elected_channel	Contingent Elected Channel	int
cont_election	Contingent Channel Election	char(1)
cp_mod_app_arn	Construction Permit FCC ARN.	char(12)
cp_mod_expected_date	Construction Permit expected filing date	datetime
cp_mod_file_prefix	Construction Permit FCC Prefix.	char(10)

cp_mod_filed_date	Construction Permit date filed	datetime
cp_mod_filed_ind	Construction Permit filed to match post-transition facility	char(10)
cp_mod_needed_ind	Construction Permit needed to match the post-transition facility.	char(1)
cp_status_ind	Construction Permit Status	char(1)
data_cert_ind	Database reviewed certification	char(1)
dtv_cur_channel	Current DTV Channel of facility	int
dtv_cur_na	Current DTV channel question is not applicable ('X' means no DTV channel).	char(1)
dtv_transition_plan_ind	Dummy field used for an exhibit only question	n/a
early_term_withdraw_ind	Early Analog Termination Withdraws Notification	char(1)
elected_channel_a	Elected channel number on Election form, (for choice a)	int
elected_channel_b	Elected channel number on Election form, (for choice b)	int
election	Licensee/permittee makes the following channel election from its currently assigned (DTV or NTSC) channels.	char(1)
expect_cons_complete_date	Expected construction completion date	datetime
file_prefix_cer_a	File Prefix for form 381, Section II Question 1a	char(10)
file_prefix_cer_b	File Prefix for form 381, Section II Question 1b	char(10)
file_prefix_cer_d	File Prefix for form 381, Section II Question 1d	char(10)
file_prefix_cer_e	File Prefix for form 381, Section II Question 1e	char(10)
inf_analog_nightlight_end_date	Informal Nightlight Termination Date	datetime
inf_analog_nightlight_ind	Informal Nightlight	char(1)
intl_coord_ind	Subject to a pending International Coordination issue	char(1)
last_update_date	The date this record was last updated (sometimes NULL, if never updated).	datetime
nce_term_cert_flg	NCE Early Termination Certification.	char(1)
negot_agreemt_ind	A negotiated conflict resolution agreement	char(1)
ntsc_cur_channel	Current NTSC channel of facility	int
ntsc_cur_na	Current NTSC channel question is not applicable ('X' means no NTSC channel).	char(1)
op_expected_date	If operating pursuant to program test authority, expected operational date	datetime
op_population_perc	Population percentage of Post-transition facility operating pursuant to special temporary (STA) or at a reduced facility	float()

op_power_level	Power level of Post-transition facility operating pursuant to special temporary authority (STA) or at a reduced facility	float()
op_status	Operational status of final DTV (post-transition) facility	char(3)
phone_help_ctr_flg	Station will provide telephone help center	varchar(5)
post_tran_auth_app_arn	Post-transition Authorization ARN	char(12)
post_tran_auth_file_prefix	Post-transition Authorization File Prefix	char(10)
post_tran_auth_not_yet_ind	Post-transition Authorization Not Yet Filed	char(1)
post_tran_dtv_channel	Post-transition DTV Channel	int
post_tran_operating_ind	Post-transition facility operational status	char(1)
pre_tran_dtv_channel	Pre-transition DTV Channel	int
ref_contact_hours	Consumer Referral Contact Business Hours	varchar(60)
ref_contact_phone	Consumer Referral Contact Phone Number	char(10)
reference_no	Indicates FCC Letter Reference Number	int
rep_max_cer_type	Identifies type of station (LIC, CP,STA) that it will replicate or maximize	char(3)
rep_max_cert	Replication/maximization certification: How channel elections should be evaluated for purposes of interference protection analysis.	char(1)
st_analog_nightlight_end_date	Statutory Analog Nightlight Termination Date	datetime
st_analog_nightlight_ind	Statutory Analog Nightlight Service	char(1)
tech_eng_ind	Technical Engineering Data	char(1)
tent_chan_status	Licensee/permittee has not received a tentative channel designation for post-transition DTV operation through the channel election process.	char(1)
tentative_channel	Licensee/permittee has received a tentative channel designation for post-transition DTV operation.	int
termination_date_aff	Terminate Analog Television Broadcast Date An Affiliat	datetime
termination_date_nce	Noncommercial Educational Station Termination Date	datetime
termination_date_not_aff	Terminate analog television broadcast date not affiliat	datetime
termination_time_0612_flg	Termination time of day, June 12 (Early Morning, Morning, Afternoon, Evening)	varchar(5)
termination_time_nce_flg	Noncommercial Educational Station Termination Time of Day	varchar(5)
termination_time_notaff_flg	Termination Date, not An Affiliate	varchar(5)
termination_time_taff_flg	Termination Time of Day, An Affiliate	varchar(5)

walkin_help_ctr_flg Station will provide walk-in help center varchar(5)

table name elevation_ant_make

column name	Entity-Attribute Definition	Data Type
ant_comment	A comment about the elevation antenna pattern	varchar(255)
ant_make	The manufacturer of an antenna	char(3)
ant_model_num	The model number of an antenna	name
elevation_antenna_id	Identifies an elevation pattern	int

table name elevation_pattern

column name	Entity-Attribute Definition	Data Type
depression_angle	Depression Angle	float
elevation_antenna_id	Identifies an elevation pattern	int
field_value	The relative field value at all azimuths for the depression angle.	float
field_value0	The relative field value at azimuth 0 for the depression angle.	float
field_value10	The relative field value at azimuth 10 for the depression angle.	float
field_value100	The relative field value at azimuth 100 for the depression angle.	float
field_value110	The relative field value at azimuth 110 for the depression angle.	float
field_value120	The relative field value at azimuth 120 for the depression angle.	float
field_value130	The relative field value at azimuth 130 for the depression angle.	float
field_value140	The relative field value at azimuth 140 for the depression angle.	float
field_value150	The relative field value at azimuth 150 for the depression angle.	float
field_value160	The relative field value at azimuth 160 for the depression angle.	float
field_value170	The relative field value at azimuth 170 for the depression angle.	float
field_value180	The relative field value at azimuth 180 for the depression angle.	float
field_value190	The relative field value at azimuth 190 for the depression angle.	float
field_value20	The relative field value at azimuth 20 for the depression angle.	float
field_value200	The relative field value at azimuth 200 for the depression angle.	float
field_value210	The relative field value at azimuth 210 for the depression angle.	float

field_value220	The relative field value at azimuth 220 for the depression angle.	float
field_value230	The relative field value at azimuth 230 for the depression angle.	float
field_value240	The relative field value at azimuth 240 for the depression angle.	float
field_value250	The relative field value at azimuth 250 for the depression angle.	float
field_value260	The relative field value at azimuth 260 for the depression angle.	float
field_value270	The relative field value at azimuth 270 for the depression angle.	float
field_value280	The relative field value at azimuth 280 for the depression angle.	float
field_value290	The relative field value at azimuth 290 for the depression angle.	float
field_value30	The relative field value at azimuth 30 for the depression angle.	float
field_value300	The relative field value at azimuth 300 for the depression angle.	float
field_value310	The relative field value at azimuth 310 for the depression angle.	float
field_value320	The relative field value at azimuth 320 for the depression angle.	float
field_value330	The relative field value at azimuth 330 for the depression angle.	float
field_value340	The relative field value at azimuth 340 for the depression angle.	float
field_value350	The relative field value at azimuth 350 for the depression angle.	float
field_value40	The relative field value at azimuth 40 for the depression angle.	float
field_value50	The relative field value at azimuth 50 for the depression angle.	float
field_value60	The relative field value at azimuth 60 for the depression angle.	float
field_value70	The relative field value at azimuth 70 for the depression angle.	float
field_value80	The relative field value at azimuth 80 for the depression angle.	float
field_value90	The relative field value at azimuth 90 for the depression angle.	float
last_update_date	The date this record was last updated.	datetime

table name	elevation_pattern_addl	
column name	Entity-Attribute Definition	Data Type
azimuth	Azimuth, in whole degrees, on which the relative field is measured.	float
depression_angle	Depression Angle	float
elevation_antenna_id	Identifies an elevation pattern	int

field_value	The relative field value at the azimuth for the depression angle.	float
last_update_date	The date this record was last updated.	datetime

table name fac_party

column name	Entity-Attribute Definition	Data Type
facility_id	Uniquely identifies a facility.	int
last_change_date	The date this record was last updated.	datetime
party_id	Uniquely identifies the party	int
party_type	The type of party to the facility indicates the party's role; types may include LICEN (licensee) or APPLI (applicant)	char(5)

table name facility

column name	Entity-Attribute Definition	Data Type
assoc_facility_id	The facility ID "associated" with the FX station (meaning, the facility_id that this FX station rebroadcasts)	int
callsign_eff_date	The date the callsign became effective	datetime
comm_city	The city of the facility's "community served"	city
comm_state	The state of the facility's "community served"	state
digital_status	The digital status of the facility, D for Digital, H for Hybrid.	char(1)
eeo_rpt_ind	Indicates whether the station plans to or does employ five or more employees and therefore should submit equal employment opportunity reports	ind
fac_address1	The address of the facility	address
fac_address2	The address of the facility, continued	address
fac_callsign	The call sign of the facility/station	callsign
fac_channel	Channel number	int
fac_city	The city in which the facility is located. Also considered the Mailing City of the facility	city
fac_country	The country of the station	country
fac_frequency	The frequency assigned to the station	frequency
fac_service	Identifies the service which the facility supports	char(2)
fac_state	The state in which the facility is located. The state of the mailing address.	state

fac_status	The facility status contains the last status of the facility application processing. It may be CP granted, license granted, appeal pending, STA granted, silent without STA, cancelled/deleted, etc.	varchar(3)
fac_status_date	The date the facility status took effect	datetime
fac_type	The type of the facility	varchar(3)
fac_zip1	The First 5 digits of the Zipcode of the facility	char(5)
fac_zip2	The additional 4 digits of the Zipcode of the facility	char(4)
facility_id	Uniquely identifies a facility	int
last_change_date	The date this record was last updated.	datetime
lic_expiration_date	The date on which the FCC license or CP building permit expires	datetime
network_affil	Current network affiliation (free text, not from a list of values), if applicable.	varchar(100)
nielsen_dma	Nielsen DMA	varchar(60)
sat_tv	To designate satellite tv stations	char(1)
station_type	Identifies the station as a main or an auxiliary	char(1)
tsid_dtv	The assigned unique digital Transport Stream Identifier.	int
tsid_ntsc	The assigned unique analog Transport Stream Identifier.	int
tv_virtual_channel	TV Virtual Channel	int

table name	fm_app_indicators	
column name	Entity-Attribute Definition	Data Type
ant_struc_reqs_ind	Certification: Antenna Structure Requirements met	ind
app_same_area_ind	Does the applicant have any interest in an application or authorization for an FM translator station that servers the same area	ind
application_id	Uniquely identifies an application.	int
board_within_ind	Community-based criteria: 75% of NPEI board members reside within 10 miles of antenna site	ind
booster_in_cont_ind	Applicant certifies that the FM Booster station's service contour is entirely within the primary station's protected coverage contour.	ind
bt_ind	Indicates whether beam tilt is in use.	ind
campus_within_ind	Community-based criteria: Non profit educational inst. (NPEI) with campus within 10 miles of antenna site	ind

com_own_ind	Indicates whether the applicant complies with 74.1232(d) which prohibits the common ownership of a commercial primary station and an FM translator station whose coverage contour extends beyond the protected contour of the commercial primary station.	ind
da_ind	Indicates whether the station uses a directional antenna.	ind
interference_com_ind	Complies with all Interference Rules	ind
jurisdiction_within_ind	Community-based criteria: Certification that the applicant proposes a public safety radio service within the jurisdiction.	ind
last_change_date	The date this record was last updated.	datetime
near_int_border_ind	International Borders: Is the antenna for facility within 320 KM of international borders	ind
near_tv_6_ind	Indicates whether the proposed station for a channel in range from channel 201 to 220 and the proposed antenna location are within the distance to an affected TV Channel 6 station(s) as defined in 73.525.	ind
no_rotation_ind	Indicates whether the antenna is rotated	ind
one_step_appl_ind	Indicates whether the application is one-step: where the applicant is applying for both a CP and a vacant allocation in a community.	ind
rel_field_values_na	rel_field_values_na	ind
rule_73_203_ind	Facility satisfy Rule 73.203 for Allotment (yes/no)	ind
rule_73_207_ind	Indicates whether the facility satisfies the rule 73.207 requirements.	ind
rule_73_213a_ind	Indicates whether Rule 73.213(a) applies to the proposed facility when the facility does not satisfy the requirements of Rule 73.207.	ind
rule_73_213b_ind	73.213(b) apply	ind
rule_73_213c_ind	73.213(c) apply	ind
rule_73_215_req_ind	Indicates whether authorization pursuant to rule 73.215 has been requested.	ind
rule_73_315ab_ind	Facility complies with Rule 73.315 for community coverage (yes/no)	char(1)
rule_73_509_ind	rule_73_509_ind	ind
rule_73_807_ind	Complies with all Interference Rules	char(1)
rule_73_807f_ind	Amendment meets Shortspacing requirement	char(1)
rule_73_811_ind	Power and height limitation compliance under 73.811	char(1)
rule_74_1204_ind	rule_74_1204_ind	ind
studio_in_city_ind	Indicates whether the station's main studio is located within the city of license or the predicted 3.16 mV/m (70 dBu) field strength contour of the main facility.	ind

svc_area_in_cont_ind	Indicates whether the area to be served by the translator or booster station is entirely within the primary station's protected contour.	ind
tribal_307b_lpfm_area_ind	Indicates for Tribe and its Tribal Lands complies with 47 C.F.R section 73.853(c) and 73.7000.	char(1)
tv_6_thresh_ind	Indicates, for FM Translator applicants intending to operate on reserved channels 201-220, whether the proposed operation is within the threshold distance of a TV Channel 6 station as set forth by 74.1205(a).	ind

table name fm_eng_data

column name	Entity-Attribute Definition	Data Type
ant_input_pwr	The input power, in dBk, of the antenna.	float
ant_max_pwr_gain	The maximum amount of power gain, in dB, associated with the antenna.	float
ant_polarization	Indicates the polarization properties of the proposed antenna: horizontally polarized; circularly polarized; elliptically polarized.	char(1)
ant_rotation	The rotation, in whole degrees, associated with an FX off the shelf directional antenna	float
antenna_id	Identifies a specific antenna make and model	int
antenna_type	The type of the antenna in use: Directional "off the shelf"; Directional Composite (multiple antennas); Non-Directional	char(1)
application_id	Uniquely identifies an application.	int
asd_service	The type of record, or the type of service represented by this record. FA,FM,FS,FX,FR,FB	char(2)
asrn	Unique ASRN number assigned to a registered tower	int
asrn_na_ind	ASRN Number Not Applicable Indicator	ind
biased_lat	Digital Latitude: Calculated value: (latitude degrees +90) + (lat_min/60) + (lat_sec/3600). Used for indexing. Eliminates negative values	float
biased_long	Digital Longitude, Calculated value: (degrees+180) + (minutes/60) + (seconds/3600). Used for indexing. Eliminates negative values	float
border_code	Indicates whether the coordinates are sufficiently close to an international border that an agreement w/ a foreign country is applicable.	char(1)
border_dist	The distance to the nearest point on the international border, in Km. If the coordinates are not in a border area, this is left blank.	float
docket_num	The docket number of a hearing or rulemaking associated with this record.	varchar(20)
effective_erp	Effective ERP	float
elev_amsl	Elevation, in meters, of site above mean sea level	float
eng_record_type	Flag indicating the type of Engineering record this is. A: Archive C: Current	char(1)

erp_w	Effective radiated power in Watts.	int
facility_id	Uniquely identifies a facility.	int
fm_dom_status	The domestic status of the record	varchar(6)
gain_area	The gain area, in square miles, resulting from the proposed changes for the 60 dBu contour.	float
haat_horiz_calc_ind	Indicates whether the HAAT (horizontal) field has been calculated or not, Y/N (actually 'Y' or NULL)	char(1)
haat_horiz_rc_mtr	The horizontal height, in meters, of the radiation center above average terrain.	float
haat_vert_rc_mtr	The radiation center above ground of the vertically polarized antenna, in meters.	float
hag_horiz_rc_mtr	The radiation center above ground of the horizontally polarized antenna, in meters.	float
hag_overall_mtr	The height, in meters, of the overall antenna structure above ground.	float
hag_vert_rc_mtr	The vertical height, in meters, of the radiation center above the ground.	float
horiz_bt_erp	The maximum ERP, in kW, in the plane of the tilted beam, horizontal polarization.	float
horiz_erp	The effective radiated power in the horizontal plane for a horizontally polarized antenna, measured in kilowatts	float
last_update_date	The date this record was last updated.	datetime
lat_deg	Reference Point, latitude degrees	int
lat_dir	The direction for the latitude: N for North latitude and S for South.	char(1)
lat_min	Reference Point, latitude minutes	int
lat_sec	Reference Point, latitude seconds	float
lic_ant_make	The make of an antenna (from a license form)	varchar(3)
lic_ant_model_num	The model number of an antenna (from a license form)	varchar(60)
lon_deg	Reference point, longitude Degrees	int
lon_dir	The direction for the longitude: E for East or W for West..	char(1)
lon_min	Reference point, longitude minutes	int
lon_sec	Reference point, longitude seconds	float
loss_area	The loss area, in square kilometers, resulting from the proposed changes for the 60 dBu contour.	float
mainkey	Mainkey was the PK of mm; needed to link up records post conversion	varchar(16)
market_group_num	The market group for an auction application.	varchar(7)

max_haat	The maximum HAAT in any direction, based on the higher of the horizontally polarized or vertically polarized RCAMSL, in meters. Blank if both the horizontal and vertical RCAMSL's are blank, or in areas with no topographic data available.	float
max_horiz_erp	The maximum effective radiated power, measured in kilowatts	float
max_vert_erp	The maximum effective radiated power with beam tilt for a vertically polarized antenna, measured in kilowatts	float
min_horiz_erp	Minimum Effective Radiated Power in the Horizontal Plane	float
num_sections	Antenna Number of Sections	int
power_output_vis_kw	Visual transmitter output power in kilowatts	float
rcamsl_horiz_mtr	The height of the radiation center above mean sea level, measured in meters	float
rcamsl_vert_mtr	The height of the radiation center above mean sea level for a vertically polarized antenna, measured in meters	float
spacing	Spacing between sections (wavelength)	float
station_channel	Station Channel	int
station_class	The class of an FM station based on power and antenna height as per FCC rules. For FM: A, B1, B, C3, C2, C1, C	varchar(2)
trans_power_output	Transmitter power output	float
trans_power_output_w	Trans power output in Watts	int
vert_bt_erp	The maximum ERP, in kW, in the plane of the tilted beam, vertical polarization.	float
vert_erp	The effective radiated power for a vertically polarized antenna, measured in kilowatts.	float

table name frn_history

column name	Entity-Attribute Definition	Data Type
application_id	A system-generated incremental number uniquely identifying each application	int
date_inserted	The date this record was inserted.	datetime
facility_id	Uniquely identifies a facility	int
frn	FCC Registration Number	varchar(10)
frn_history_id	Uniquely identifies a frn history record	int
valid_ind	Indicates if the validate frn is Y or not N.	char(1)

table name gen_app_indicators

column name	Entity-Attribute Definition	Data Type
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rule_73_827_ind	The applicant certifies that the proposed facility complies with 47 C.F.R. Section 73.827	ind
rule_73_860_ind	Applicant certifies that it and all parties to the application comply with the cross-ownership limits set forth in Section 73.860 of the Commission's rules	ind
additonal_info_ex_ind	Additional Information Exhibit Dummy Indicator	ind
all_rules_ind	The applicant certifies that its governing documents permit the applicant to advance an educational program and that there is no provision that would restrict the applicant from advancing an educational program.	ind
application_id	Uniquely identifies an application	int
auth_exhibit_ex_ind	Authorization Exhibit Dummy Indicator	ind
bidding_credit_code	The applicant's bidding credit eligibility status.	char(3)
childprog_ex_ind	Child Programming Exhibit Dummy Indicator	ind
comm_lic_change_ind	The applicant certifies that it is a community of License Change - Section 307(b). Indicates if the community of license is changed. (from Data Dict.)	ind
community_rep_ind	Applicant for a new noncommercial educational TV station certifies that the applicant's officers, directors and members of its governing board are broadly representative of the segments of the community to be served.	ind
cp_ext_reason_financial	cp_ext_reason_financial	char(1)
cp_ext_reason_legal	cp_ext_reason_legal	char(1)
cp_ext_reason_other	cp_ext_reason_other	char(1)
cp_ext_reason_technical	cp_ext_reason_technical	char(1)
cp_extended_date	cp_extended_date	datetime
cp_extended_ind	Has the construction permit extension filed?	ind
edu_comm_flg	Indicates whether this is an educational or commercial operation. For FM Allotments, 'E' indicates the channel is reserved for educational/non-commercial use.	char(1)
env_prot_act_ax_ind	Certification: Environmental Protection Act compliance, 3rd time asked	ind
env_prot_act_ind	Certification: Environmental Protection Act compliance	ind
env_prot_act_v_ind	Certification: Environmental Protection Act compliance	ind
exp_rf_ind	Indicates whether the facility complies with the FCC established guidelines regarding exposure to excess RF radiation as contained in OET Bulletin No. 65.	ind
faa_notified_ind	FAA Notification Filed with indicator	ind
family_media_ind	Ownership: family media interest certification	char(1)

file_no_ex_ind	File Number Exhibit dummy Indicator	ind
insulation_ind	Ownership: compliance with investor insulation rules	char(1)
last_change_date	The date this record was last updated.	datetime
lic_othr_auth_ex_ind	Other License Authorization Exhibit dummy Indicator	ind
licen_pubfile_ex_ind	License Public File Exhibit Dummy Indicator	ind
lpfm_3yrs_ind	LPFM Licenses Only: Has the assignor held and operated the station for at least three years?	ind
meas_ex_ind	Measurement Exhibit Dummy Indicator	ind
nce_party_cert_ind	The applicant certifies that it is a qualified noncommercial entity with a primary educational purpose	ind
newcont_exbt_ex_ind	New Cont. Exhibit Dummy Indicator	ind
no_lpfm_ind	Ownership: no party has attributable interest in other LPFM	char(1)
no_non_lpfm_ind	Ownership: no party has attributable interest in other non-LPFM	char(1)
noncom_ps_radio_serv_ind	Certification that is a priority application	ind
nownnewcont_ex_ind	NownNew Cont. Exhibit Dummy Indicator	ind
org_type_gov_ind	org_type_gov_ind	ind
org_type_inst_ind	Applicant Certifies that it is a non profit Educational Institution	char(1)
org_type_org_ind	Applicant Certifies that it is a non profit organization	char(1)
org_type_safety_ind	Applicant Certifies that it is a non commercial public safety radio service to protect the safety of life, health or property	char(1)
other_auth_ind	Are there other authorization? Yes/No	ind
owner_type	owner_type	char(3)
pref_coord_ind	Preferred coordinate or allotment coordinate indicator	ind
purpose_unchanged_ind	purpose_unchanged_ind	char(1)
rule_73_1125_ind	Main Studio location requirement 73.1125 compliance	ind
rule_73_503_ind	The applicant certifies that the proposed station will be used for the advancements of an educational program according to 47 C.F.R. Section 73.503 (for radio applicants) and 47 C.F.R. Section 73.621 (for television applicants).	ind
rule_73_825_ind	TV Channel 6 Interference Requirements 73.825 met Indicator	char(1)
rule_73_855_ind	Applicant certifies that it and all parties to the application comply with the multiple ownership limits set forth in Section 73.855 of the Commission's rules	ind

rule_74_1234_ind	Certification to comply with 74.1234 for unattended operation	ind
sales_type_flg	Indicates whether its Assignor or assignee	char(1)
sec307b_pref_ind	The applicant certifies that it is a dispositive Section 307(b) Preference.	ind
sec307b_same_comm_or_area_i	Certification that the community of license is the same or substantially equivalent.	ind
sec307b_served_4yrs_ind	Certification that the facility has provided service compliant with the rules for four years.	ind
sec307b_tribal_prio_ind	Certification that the facility has provided service compliant with the rules for 'Tribal' priority.	ind
station_list_ex_ind	Station List Exhibit Dummy Indicator	ind
tribal_org_ind	Certification that is a nonprofit educational organization	ind
violprog_ex_ind	Violent Programming Exhibit Dummy Indicator	ind
window_close_date	The date on which the window under which the application was filed is/was due to be closed.	datetime
window_id	Filing Window ID	int
window_number	Filing Window Number	int
window_open_date	The date on which the window under which the application was filed is/will be open.	datetime
window_resp_ind	Indicates whether an application was submitted in response to an open window.	ind
xfere_othr_auth_ex_ind	Xfere Other Authorization Exhibit Dummy Indicator	ind

table name	if_notification	
column name	Entity-Attribute Definition	Data Type
analog_erp	Effective Radiated Power - Analog (watts)	float
analog_power	Transmitter Power Output - Analog (watts)	float
analog_remain_ind	Analog radiated power will remain as authorized	char(1)
application_id	A system-generated incremental number uniquely identifying each application	int
broadcast_date	Digital Broadcast commenced on	datetime
combined_power	Transmitter Power Output - Combined (watts)	float
digital_erp	Effective Radiated Power - Digital (watts)	float
digital_power	Transmitter Power Output - Digital (watts)	float
digital_power_reduced	Primary digital power reduced by amount	float

digital_power_reduced_na	Primary digital power reduced by indicator	char(1)
env_excluded_ind	Digital operations will not cause exposure and are therefore excluded from env processing	char(1)
ibiquity_cert	Licensee certifies its facilities confirm to iBiquity hybrid specifications	char(1)
last_change_date	Date the record was last updated	datetime
ref_app_arn	App Arn of the refrence app	varchar(20)
ref_file_prefix	Prefix of the refrence app	varchar(10)
resolved_date	Digital Broadcdast Resolved Date	datetime
tech_name	Licensee Tech Rep Name	varchar(60)
tech_phone	Licensee Tech Rep Tel Number	varchar(20)
test_date	Digital Broadcdast Test Date	datetime

table name if_sta

column name	Entity-Attribute Definition	Data Type
antenna_system	Antenna System	char(4)
application_id	Application Id	int
cp_ant_sys_app_arn	Construction permit Antenna System application reference number	char(12)
cp_ant_sys_file_prefix	Construction permit Antenna System File Prefix	char(10)
lic_ant_sys_change	Change of Licensed antenna system	char(1)
ref_app_arn	Application reference number of original STA	char(12)
ref_file_prefix	File Prefix of original STA	char(10)
return_to_air_date	Return to Air Date	datetime
silent_since_date	Silent Since Date	datetime

table name int_translator

column name	Entity-Attribute Definition	Data Type
application_id	A unique number assigned by the system	int
delivery_method	Delivery Method	char(1)
last_change_date	Date the record was last updated	datetime
prim_callsign	Call Sign of Primary Station to be rebroadcast	varchar(12)

prim_comm_city	City of Primary Station to be rebroadcast	varchar(20)
prim_comm_state	State of Primary Station to be rebroadcast	varchar(2)
prim_facility_id	Facility ID of Primary Station to be rebroadcast	int
prim_sta_out_channel	Channel of Primary Station to be rebroadcast	int
primary_via	Delivery Method Only when delivery_method = V or O	varchar(13)
scnd_comm_city	Second Community of License City	varchar(20)
scnd_comm_state	Second Community of License State	varchar(2)
third_comm_city	Third Community of License City	varchar(20)
third_comm_state	Third Community of License State	varchar(2)
trans_input_channel	Translator Input Channel	int

table name	intl_tracking	
column name	Entity-Attribute Definition	Data Type
accepted_date	Date application is last accepted by the coordinating government. FM only	datetime
application_id	Uniquely identifies an application.	int
can_coord_status	Canadian coordination status. For a US record, this refers to the status of our notification to Canada. For a Canadian record, this refers to the status of the Canadian notification to the US. If this is neither a US nor Canadian record, should be blank	char(1)
change_list_date	Date of the change list in YYYYMMDD format.	datetime
change_list_num	The latest Change List # associated with this record. ("ORIG"=original NARBA list; "USCAN"=original list in U.S.-Can. Agreement [CL Date=840117], separate Class IV list [CL Date=841215]; "USMEX"=U.S.-Mex. Class IV power incr. Agreement [CL Date=841215].	varchar(5)
hours_operation	The operating hours during which the parameters are used. Values: U: Unlimited (both day and night or portions thereof); N: Nighttime; D: Daytime; C: Critical Hours; R: Canadian Restricted; P: Pre-sunrise.	char(1)
ifrb_date	Date that this station was entered into the IFRB Plan, in YYYYMMDD format. Initially, this will be blank as this is loaded; a blank does not necessarily mean that this station is not in the IFRB Plan	datetime
ifrb_list_flg	Indicates the IFRB this record appears on. Can be either list A, B, C or D.	char(1)
ifrb_serial_num	The number assigned to the record by the IFRB.	char(9)
intl_class	The class of the station as determined by the pertinent international FM broadcasting agreement between the US and Canada or Mexico. This field will contain blanks for those records not close to a border.	varchar(2)

intl_status	Status of FM records with regard to international notifications.	char(6)
itu_coord_status	Similar to Canadian Coordination status in AM records; FM only.	char(1)
last_change_date	The date this record was last updated.	datetime
mex_coord_status	Mexican coordination status. For a US record, this refers to the status of our notification to Mexico. For a Mexican record, this refers to the status of the Mexican notification to the US. If this is neither a US nor Mexican record, should be blank.	char(1)
neg_allot_ind	Indicates if this is a negotiated special allotment. FM only. Yes, No, NULL (not in border zone).	varchar(4)
notified_date	The date an international country was last notified re this record	datetime
notified_pattern	Type of antenna pattern which has been notified to (or by) foreign countries.T: Theoretical. S: Standard. A: Augmented.	char(1)
notified_status	Status of AM records with regard to international notifications. A: Negotiated priority; not notified in operation. O: Notified in operation. P: Notified proposed operation. T: Informally coordinated proposal. U: Not notified. Z: Test record.	char(1)
proposed_date	The date on which this record was last notified to a foreign country. This is an 8-digit number in the format YYYYMMDD. Note that this will be empty for most records since we have not had the opportunity to load it.	datetime
referred_date	Date application was last referred to the International Bureau from MMB. FM only field	datetime
region_2_status	Region 2 coordination status. If a US record, refers to the status of our notification to the IFRB. If not a US record, refers to the status of the IFRB notification to the US. A: Accepted; B: Accepted with conditions; P: Pending; U: Unstudied.	char(1)
updating_agency	Indicates which agency last updated this record. FCC: Update by the Federal Communications Commission. IFRB: Update by the International Frequency . Registration Board.	varchar(4)

table name	legal	
column name	Entity-Attribute Definition	Data Type
application_id	A system-generated incremental number uniquely identifying each application	int
docket_id	Court docket number, if existant, associated with this legal action.	varchar(20)
file_date	Date the legal action was initially filed w/ the FCC	datetime
filing_pn_num	ID of the public notice for the filing, if one is associated with this legal application.	int
filing_release_date	Date of the Public Notice release for the filing of the legal action	datetime
last_change_date	The date this record was last updated.	datetime
legal_action_id	Uniquely identifies a legal action being performed on an application	int
legal_app_id	Unique ID of the petition filing/application	int

legal_status	Legal status (see code table for valid values)	varchar(5)
legal_status_date	Legal status date	datetime
petition_code	Code for the petition being filed. See code_table for valid petition codes	char(5)
pn_rpt_num	ID of the public notice, if one is associated with this legal application.	int
ref_action_id	If this action is in response to a previous legal action, the previous Legal Action id	int
release_date	Date the legal action was resolved or released	datetime
rulemaking_id	ID specifying the rulemaking number of the Petition for rulemaking legal action	int

table name legal_qualification

column name	Entity-Attribute Definition	Data Type
advs_finding_1_ind	Indicates whether or not, since the filing of the assignor's/transferor's last renewal application for the station being affected by this transfer/assignment application, an adverse finding been made or an adverse final action taken.	ind
advs_finding_ind	Indicates whether or not, since the filing of the assignor's/transferor's last renewal application for the station being affected by this transfer/assignment application, an adverse finding been made or an adverse final action taken.	ind
advs_finding_renewal_ind	Indicates whether an adverse finding has been made or an adverse final action has been taken by any court or administrative body as to the applicant, any party to this application, or any non-party equity owner in the applicant.	ind
allotment_request_ind	Indicator for Petition for Rulemaking/Counterproposal to Add New FM Channel to FM Table of Allotments	ind
anti_discrim_ind	Indicator for Anti-Discrimination Certification	ind
appl_type_other_desc	If Application type is "other," a brief description of the applicant type	title
application_id	Uniquely identifies an application	int
at_pndg_band_ind	Indicates whether the assignee/transferee has a petition pending to migrate to the expanded band (1605 - 1705 kHz); yes/no	ind
auction_authorization_cert_ind	Applicant certifies that, where the proposed station was awarded through an auction, it is eligible for any bidding credit or other special measure it claimed in that auction.	ind
auth_retrans_ind	Applicant certifies written authority has been obtained from the licensee of the station whose programs are to be retransmitted (yes/no)	ind
ceased_ops_24hrs_ind	If the applicant was involved in unlicensed operations, certifies that the applicant ceased operations within 24 hours as directed by the Commission	ind
ceased_ops_vol_ind	If the applicant was involved in unlicensed operations, certifies that the applicant ceased operations voluntarily before 2/26/99	ind

character_issues_ind	Indicates whether the applicant, or any party to the application or any non-party equity owner has, or have had, any interest in a broadcast application in any pending or concluded Commission proceeding which left unresolved character issues.	ind
child_398_filed_ind	Certification for children's programming report filed	ind
city	The proposed city for the main studio.	varchar(60)
class_a_rules_ind	Operating requirements: Licensee certifies that it complies with those station operating requirements set forth in subparts H and J of 47 CFR Part 73 that are applicable to Class A stations.	ind
com_own_ind	Indicates whether the applicant complies with 74.1232(d) which prohibits the common ownership of a commercial primary station and an FM translator station whose coverage contour extends beyond the protected contour of the commercial primary station.	ind
comm_edu_ind	Point System Factor: Established Community presence: Applicant certifies that it has existed for two years and physically headquartered and 75% of member live within 10miles	ind
comm_presence_est_ind	Provide the date on which the applicant qualified as local. See 47 C.F.R. Section 73.853(b).	ind
comm_presence_est_ind	Indicator that community presence is established for a period of at least two years prior to the date of the application	ind
comm_safety_ind	Point System Factor: Established Community presence: Public Safety Radio has had jurisdiction for at least 2 years within in the service area	ind
comm_tribal_local_ind	Certification that applicant is a tribe or tribal organization and it is proposing to locate its transmitting antenna site on its Tribal Lands	ind
comm_tribal_org_ind	The applicant certifies that it is a Tribe and that its Tribal Lands are within the service area of the proposed LPFM station	ind
contour_overlap_ind	Not in use.	ind
diversity_own_ind	The applicant certifies that neither it nor any party to the application holds an attributable interest in any other broadcast station.	ind
drugs_ind	Indicates that the party certifies that the applicant is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.	ind
eeo_model_filed_ind	eeo_model_filed_ind	ind
eeo_req_ind	Does this application require EEO data	ind
eligibility_continued_ind	Is this application to cover a CP has any cause or circumstance arisen since the grant of the CP which would result in any statement or representation contained in the CP to be now incorrect?	ind
eligibility_statement_ind	All terms, conditions, and obligations set forth in the CP been fully met (yes/no)	ind

eligible_entity_ind	Does the Assignee claim status as an "eligible entity," that is, an entity that qualifies as a small business under the Small Business Administration's size standards?	ind
email	The email address for the proposed main studio.	varchar(60)
equity_nonattrib_ind	Indicates an Irrevocable Trust that will assign the station(s) to an Eligible Entity	ind
fiveyrsafter_auction_auth_ind	Applicant certifies that, 5 years passed since the issuance of CP where the proposed station was awarded through an auction, it is eligible for any bidding credit or other special measure it claimed in that auction.	ind
foreign_compl_ind	Indicates whether the applicant complies with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments (yes/no)	ind
fx_contour_overlap_ind	Applicant certifies that the FM translator's coverage contour does not extend beyond the protected contour of the commercial FM primary station; or entire 60 dBu contour is contained within 2 mV/m daytime contour or 25-mile radius of AM primary station.	ind
fx_int_station_ind	Indicates whether the FM translator applicant is the licensee or permittee of the commercial primary station being rebroadcast or the applicant or any parties to the application has any interest or connection with the commercial primary station.	ind
fx_no_primstationsup_ind	Indicates whether the FM translator station whose coverage contour extends beyond the protected contour of the commercial FM primary station being rebroadcast, complies with 74.1232(e), which prohibits receiving support from the primary station.	ind
gf_divest_to_entity_ind	For a grand-fathered cluster of stations if an Eligible Entity, applicant certifies that it will come in compliance by divesting the necessary station(s) within 12 months.	ind
grand_fathered_ind	Indicator application include a grand-fathered cluster of stations	ind
last_change_date	The date this record was last updated.	datetime
local_prog_ind	Point System Factor: Local Program Origination. Pledges to originate locally at least 8 hours of programs	char(1)
main_studio_ind	The applicant certifies that it qualifies for a point under both the local program origination and the main studio criteria.	ind
mod_after_four_yrs_ind	mod_after_four_yrs	ind
mod_not_downgrade_ind	mod_not_downgrade_ind	ind
mod_not_fair_dist_ind	mod_not_fair_dist_ind	ind
mod_not_sup_tech_ind	mod_not_sup_tech_ind	ind
multiple_owner_cross_media_in	Indicator Applicant certifies that the proposed facility complies with the Commission's multiple ownership rules and cross-ownership rules	ind
multiple_owner_ind	Transferee Certifies compliance with multiple ownership limits	ind
multiple_owner2_ind	Transferee Certifies compliance with multiple ownership limits	ind

nccp_appl_type	The type of applicant for non-commercial construction permits (FCC form 340)	char(3)
ncc_qual_app_arn	ncc_qual_app_arn	char(12)
ncc_qual_file_prefix	ncc_qual_file_prefix	char(10)
no_fcc_violation_ind	Certifies no FCC violations during the preceding license term	ind
no_pending_char_ind	Certifies no other application pending that would be directly mutually exclusive with this application	ind
no_unlicensed_ind	Unlicensed operations: certifies that the applicant has not been involved in the unlicensed operation	ind
no_unresolved_char_ind	Applicant certifies no involvement in any proceeding where character issues were left unresolved or were resolved adversely against the applicant.	ind
no_unresolved_char_ind	Applicant certifies no involvement in any proceeding where character issues were left unresolved or were resolved adversely against the applicant.	char(1)
operating_hours_ind	Point System Factor: Proposed Operating hours: Proposes to operate for at least 12 hours	ind
overlap_info_publicfile_ind	overlap_info_publicfile_ind	ind
owner_type	owner_type	char(3)
ownership_rpt_filed_ind	Indicates that the permittee has filed its Ownership Report or ownership certification in accordance with 73.3615(b) (yes/no)	ind
party_id	Uniquely identifies the party	int
phone	Provide the phone for the proposed main studio.	varchar(20)
pn_3526_ind	Applicant placed in its public inspection file at the appropriate times the documentation required by 73.3526 (yes/no)	ind
pn_req_ind	Indicates that the assignor/transferor/licensee certifies that it has or will comply with the public notice requirements of 73.3580 (yes/no)	ind
point_sys_score	point_sys_score	int
pop_area_more_ind	pop_area_more_ind	ind
sales_or_time_agreement_ind	Indicator application the holder of an attributable radio joint sales agreement	ind
sales_type_flg	Indicates whether its Assignor or assignee	ind
serv_cert_ind	Certification that planned programming service relating to the issues of public concern facing the proposed service area will be provided	ind
silent_sta_ind	Licensee certifies that since February 8, 1996, none of the stations which is to be assigned has been silent for any consecutive twelve-month period	ind
state	Provide the state for the proposed main studio.	varchar(2)
street_address1	Provide address line 1 for the proposed main studio.	varchar(60)

street_address2	Provide address line 2 for the proposed main studio.	varchar(60)
studio_in_local_ind	The applicant indicator that it qualifies for a point under both the local program origination and the main studio criteria.	ind
tribal_priority_thresh_ind	Is the Applicant applying for an FM allotment set forth in a Public Notice announcing a Tribal Threshold Qualifications window?	ind
wrksht_inst_reviewed_ind	Applicant certifies that it has answered each question in this application based on its review of the application instructions and worksheets and that it satisfies each of the pertinent standards and criteria.	ind
zip1	Provide zip code 1 (first 5 digits) for the proposed main studio.	varchar(2)
zip2	Provide zip code 2 (last 4 digits) for the proposed main studio.	varchar(5)

table name lic_app_indicators

column name	Entity-Attribute Definition	Data Type
application_id	A unique number assigned by the system	int
auth_retrans_ind	Indicator Rebroadcast Certification	varchar(1)
chn_g_transm_pwr_ind	Indicator Changing transmitter power output	varchar(1)
conv_lptv_cp_arn	ARN of the app of the app of the LPTV CP converting to Class A Facility	varchar(12)
conv_lptv_cp_prefix	Prefix of the app of the licensed LPTV facility converting to Class A Facility	varchar(10)
conv_lptv_lic_arn	ARN of the app of the licensed LPTV facility converting to Class A Facility	varchar(12)
conv_lptv_lic_prefix	Prefix of the app of the licensed LPTV facility converting to Class A Facility	varchar(10)
cp_stmt_incorrect_ind	Indicator construction permit statement application to be incorrect	varchar(1)
cp_terms_met_ind	Indicator construction permit have been fully met	varchar(1)
da_inst_compl_ind	Indicator Installation of Directional Antenna	varchar(1)
da_inst_correct_ind	Indicator Installation of Directional Antenna instructions	varchar(1)
decr_c_erp_ind	Indicator Decreasing effective radiated power (non-reserved channel)	varchar(1)
decr_nc_erp_ind	Indicator Decreasing effective radiated power (reserved channel)	varchar(1)
del_cntr_prot_ind	Indicator Deleting contour protection status	varchar(1)
displaced_cpFiled_date	Date of filing of the displaced Class A CP application	datetime
incr_erp_221_ind	Indicator Increasing effective radiated power	varchar(1)
incr_erp_dckt_ind	Indicator Increasing effective radiated power spacing requirements	varchar(1)

incr_erp_ind	Indicator Increasing vertically polarized effective radiated power	varchar(1)
incr_erp_ownr_ind	Indicator Increasing in ERP Multiple Ownership Showing	varchar(1)
inst_ht_dif_ok_ind	Replacement of Antenna: The installed height of the antenna radiation center is not increased by more than two meters nor decreased by more than four meters	varchar(1)
lic_app_arn	License App Arn	varchar(12)
lic_app_service	License application Service	varchar(2)
lic_file_prefix	License File Prefix	varchar(10)
lic_pta_ind	Indicator Requesting program test authority	varchar(1)
nce_to_comm_ind	Indicator Change the license status.	varchar(1)
no_change_lp_cp_ind	Changed Circumstances: No cause or circumstance has arisen since the grant of the unerlying LPTV CP	varchar(1)
no_change_to_classa_cp_ind	Changed Circumstances: No cause or circumstance has arisen since the grant of the unerlying class A CP	varchar(1)
no_intl_coord_ind	Indicator increasing effective radiated power International Coordination.	varchar(1)
orig_cp_app_arn	Original construction permit App Arn	varchar(12)
orig_cp_app_expiration_date	Permit expiration date	datetime
orig_cp_file_prefix	Original construction permit File Prefix	varchar(10)
pta_type	Program Test Authority	varchar(1)
rad_astr_not_ind	Indicator Increasing effective radiated power Interference	varchar(1)
repl_da_compl_ind	Indicator Replacing a Measurement of Directional Antenna	varchar(1)
repl_da_ind	Indicator Replacing a directional antenna	varchar(1)
repl_trans_line_ind	Replacement of Transmission line	varchar(1)
rule_73_1590	The equipment performance measurements have been taken in accordance with 47 C.F.R. Section 73.1590	varchar(1)
rule_73_1620a1_ind	Station operating pursuant to automatic PTA 73.1620(a)(1)	varchar(1)
rule_73_1660_ind	The transmitter complies with section 73.1660	varchar(1)
rule_73_1675a_ax_ind	Rule 73.1675(a)(ax)	varchar(1)
rule_73_1675a_ind	Auxiliary facilities for this station comply with 47 C.F.R. Section 73.1675(a)	varchar(1)
rule_73_1675a_nc_ind	Rule 73.1675(a)(n)©	varchar(1)
rule_73_1675a3_ind	complies with 47 C.F.R. Section 73.1675(a)(3)	varchar(1)

rule_73_1675c_1_ind	Filed pursuant to 47 C.F.R. Section 73.1675(c)(1)	varchar(1)
rule_73_1675c_ind	this application being filed pursuant to 47 CFR § 73.1675(c)(1) to request authorization to use a formerly licensed main facility as an auxiliary antenna and/or change the ERP of the proposed auxiliary antenna?	varchar(1)
rule_73_1690c_ind	Constructed Facility. The facility was constructed as authorized in the underlying construction permit and complies with 47 CFR § 73.1690(c).	varchar(1)
rule_73_1690c8i_ind	Community coverage requirements of 47 C.F.R. Section 73.1680(c)(8) met indicator	varchar(1)
rule_73_1690c9_ind	Change the license status. Is this application being filed pursuant to § 73.1690(c)(9) to change the license status from commercial to noncommercial or from noncommercial to commercial?	varchar(1)
rule_73_1692_ind	the application being file pursuant to 73.1692 to demonstrate that construction near this facility or an installation of another antenna does not adversely affect the operations of this facility	varchar(1)
rule_73_207_ind	Facility complies with Rule 73.207	varchar(1)
rule_73_315ab_ind	Facility complies with Rule 73.315 for community coverage (yes/no)	varchar(1)
rule_73_3555_ind	Compliance with 47 C.F.R. Section 73.3555 Indicator	varchar(1)
rule_73_525a1_ind	TV Channel 6 Protection Requirements 73.525(a)(1) met Indicator	varchar(1)
rule_73_6011_ind	Facility complies with Rule 73.6011 (yes/no)	varchar(1)
rule_73_6012_ind	Interference: Facility complies with the LPTV station protection Rule	varchar(1)
rule_73_6013_ind	Facility complies with Rule 73.6013 (yes/no)	varchar(1)
rule_73_6020_ind	Facility complies with Rule 73.6020(yes/no)	varchar(1)
rule_73_68_ind	The facility does not use a sampling system or the sampling system complies with 73.68	varchar(1)
rule_73_685f_ind	Compliance with 47 C.F.R. Section 73.685(f) Indicator	varchar(1)
rule_73_68d3_ind	Compliance with 47 C.F.R. Section 73.68(d)(3) Indicator	varchar(1)
rule_73_850b_ind	Minimum Operating Schedule: The applicant certifies that the combined schedule listed in 1. Complies with the 47 C.F.R. 73.850(b)	varchar(1)
sales_type_flg	Sales Type Flag	varchar(1)
spec_op_conds_ind	The facility was constructed in compliance with all special Operating conditions, terms, and obligations described in the CP.	varchar(1)
sta_id_rules_ind	Station Identification Rule for LPTV met	varchar(1)
stat_ready_ind	Station ready for regular operations	varchar(1)
trans_auth_erp_ind	The operating transmitter power output produces the authorized effective radiated power.	varchar(1)

type_appr_stereo_ind	Facility does not use a stereo system or the stereo system for allotment in 1065-1705 is type approved	varchar(1)
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table name nce_factors

column name	Entity-Attribute Definition	Data Type
application_id	Uniquely identifies an application	int
claimed_points	Points claimed by applicant	int
divers_own_ind	Diversity of ownership	ind
existing_auths	Existing authorizations: (number of attributable commercial and NCE licenses and CPs)	int
existing_cps	Pending applications: (number of attributable commercial and NCE licenses and CPs)	int
existing_fillin_auths	Existing authorizations for fill-in applications: (number of attributable commercial and NCE licenses and CPs)	int
existing_fillin_cps	Pending applications for fill-in applications: (number of attributable commercial and NCE licenses and CPs)	int
fill_in_serv_ind	Fill-in service indicator	ind
first_aural_service_ind	First aural (reception) service certification.	char(1)
first_tribal_service_ind	Tribal applicant certification.	char(1)
gain_area	New (increase) area served in square kilometers	int
last_change_date	The date this record was last updated.	datetime
min_first_service_ind	Applicant Certifies that the station will provide first NCE service to 10% and 2000 people	ind
min_sec_service_ind	Applicant Certifies that the station will provide second NCE service to 10% and 2000 people	ind
population_served	Population served based on the most recent census data	int
rule_73_313_c_ind	Compliance with Rule 73.313c:Technical Parameters: All questions related to new area of coverage certification	ind
rule_73_3555_ind	Compliance with Rule 73.3555: Is the applicant's certification based on its exclusion of translator station(s)?	ind
rule_73_7000_ind	Compliance with Rule 73.7000: Established local applicant	ind
rule_73_7003_b_c_ind	Compliance with Rule 73.7003b and c: State-wide network	ind
supplement_date	The date on which the supplement was filed.	datetime
technical_points	Technical Points	int

total_points	Total Points	int
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table name ownership_capitalization

column name	Entity-Attribute Definition	Data Type
application_id	Uniquely identifies an application	int
authorized_shares	Number of Authorized Shares the owner holds in a station	float
class_of_stock	Class of Stock	varchar(60)
class_of_stock_flg	Class of stock (Preferred, Common or Othe)	char(1)
class_of_stock_other	Class of stock other information	varchar(20)
issued_shares	Number of Issued Shares the owner holds in a station.	float
last_update_date	The date this record was last updated.	datetime
order_number	A sequence number that indicates the order that entries were made.	smallint
ownership_capitalization_id	A unique number assigned by the system	int
treasury_shares	Number of Treasury Shares the owner holds in a station	float
unissued_shares	Number of Unissued Shares the owner holds in a station	float
voting_flg	Voting or Non-voting	char(1)
voting_ind	Indicates whether the owner's stock is Voting or Non-Voting	char(1)

table name ownership_contract

column name	Entity-Attribute Definition	Data Type
agreement_type_lma	Agreement Type: LMA/ radio JSA	char(1)
agreement_type_naa	AgreementType: Network Affiliation	char(1)
agreement_type_oth	Agreement Type: Other	char(1)
application_id	Uniquely identifies an application	int
contract_description	Description of Contract	varchar(255)
contract_person	Contract Person	varchar(255)
execution_date	Date of execution	datetime
execution_date_month	Date of Execution Month	char(3)
execution_date_year	Date of Execution Year	smallint

expiration_date	Date of expiration	varchar(15)
expiration_date_month	Date of Expiration Month	char(3)
expiration_date_na	No Expiration Date	char(1)
expiration_date_year	Date of Expiration Year	smallint
last_update_date	The date this record was last updated.	datetime
order_number	A sequence number that indicates the order that entries were made.	smallint
ownership_contract_id	A unique number assigned by the system	int

table name ownership_exemptions

column name	Entity-Attribute Definition	Data Type
application_id	Uniquely identifies an application	int
last_update_date	The date this record was last updated.	datetime
name	Name	varchar(150)
order_number	A sequence number that indicates the order that entries were made.	smallint
ownership_exemptions_id	A unique number assigned by the system	int
title	Title	varchar(60)

table name ownership_group

column name	Entity-Attribute Definition	Data Type
app_arn	ARN (Application Reference Number)	varchar(12)
comm_city	City where the station is located	varchar(20)
comm_state	State where the station is located	varchar(2)
fac_callsign	Call sign of the station	varchar(12)
fac_service	Class of Service (AM, FM, TV)	varchar(2)
fac_service_o	Class of service	varchar(2)
facility_id	Facility id of the station	int
file_prefix	File Prefix	varchar(10)
last_update_date	The date this record was last updated.	datetime
lic_frn	By whom parents held licensing to associated stations.	varchar(10)

lic_name	Licensee Name	varchar(60)
main_application_id	Uniquely identifies an application	int
order_number	Uniquely identifies the position of the row	smallint
ownership_group_id	A unique number assigned by the system	int

table name ownership_interests

column name	Entity-Attribute Definition	Data Type
application_id	Uniquely identifies an application	int
frn	FCC Registration Number	varchar(10)
last_update_date	The date this record was last updated.	datetime
name	Name	varchar(150)
order_number	A sequence number that indicates the order that entries were made.	smallint
ownership_interests_id	A unique number assigned by the system	int

table name ownership_other_int

column name	Entity-Attribute Definition	Data Type
application_id	A unique number assigned by the system	int
assets_perc	Percentage of total assets (equity debt plus).	decimal(5,2)
comm_city	Community of License or Newspaper location City	varchar(20)
comm_state	Community of License or Newspaper location State	char(2)
entity_type	Type of Other Interests subform (Broadcast Station: S or Newspaper: N) (set by system)	char(1)
equity_perc	Percentage of Equity	decimal(5,2)
fac_callsign	Call Sign of the station	varchar(12)
facility_id	Facility ID of the station	int
last_update_date	The date this record was last updated.	datetime
name	Name of Interest Holder	varchar(150)
newspaper	Name of Newspaper	varchar(150)
newspaper_frn	Newspaper FCC Registration Number	varchar(10)
order_number	A sequence number that indicates the order that entries were made.	smallint

ownership_other_int_id	A unique number assigned by the system	int
positional_int_dir	Positional Interest: Director	char(1)
positional_int_ent	Indicator Positional Interest: Attributable Entity	char(1)
positional_int_lim	Positional Interest: Limited Partner	char(1)
positional_int_off	Positional Interest: Officer	char(1)
positional_int_oth	Positional Interest: Other	char(1)
positional_int_other_info	Positional Interest : Other information	varchar(20)
positional_int_own	Positional Interest : Owner	char(1)
positional_int_par	Positional Interest Partner	char(1)
positional_int_stk	Positional Interest : Stockholder	char(1)
votes_perc	Percentage of votes	decimal(5,2)

table name ownership_other_int_xml_data

column name	Entity-Attribute Definition	Data Type
application_id	A unique number assigned by the system	int
assets_perc	Percentage of total assets (equity debt plus).	decimal(5,2)
comm_city	Community of License or Newspaper location City	varchar(20)
comm_state	Community of License or Newspaper location State	char(2)
entity_type	Type of Other Interests subform (Broadcast Station: S or Newspaper: N) (set by system)	char(1)
equity_perc	Percentage of Equity	decimal(5,2)
fac_callsign	Call Sign of the station	varchar(12)
facility_id	Facility ID of the station	int
file_id	A unique number assigned by the system	int
last_update_date	The date this record was last updated.	datetime
name	Name of Interest Holder	varchar(150)
newspaper	Name of Newspaper	varchar(150)
newspaper_fm	Newspaper FCC Registration Number	varchar(10)
order_number	A sequence number that indicates the order that entries were made.	smallint

positional_int_dir	Positional Interest: Director	char(1)
positional_int_ent	Positional Interest: Attributable Entity	char(1)
positional_int_lim	Positional Interest: Limited Partner	char(1)
positional_int_off	Positional Interest: Officer	char(1)
positional_int_oth	Positional Interest: Other	char(1)
positional_int_other_info	Positional Interest : Other information	varchar(20)
positional_int_own	Positional Interest : Owner	char(1)
positional_int_par	Positional Interest: Partner	char(1)
positional_int_stk	Positional Interest : Stockholder	char(1)
votes_perc	Percentage of votes	decimal(5,2)

table name	ownership_relationships	
column name	Entity-Attribute Definition	Data Type
application_id	Uniquely identifies an application	int
last_update_date	The date this record was last updated.	datetime
names	Names	varchar(150)
order_number	A sequence number that indicates the order that entries were made.	smallint
ownership_relationships_id	A unique number assigned by the system	int
relationship_flg	Relationship (Parent/Child: PC, Spouse: SP, Siblings: SI)	char(2)

table name	ownership_report	
column name	Entity-Attribute Definition	Data Type
contract_info_na	Contract Information is Not Applicable	char(1)
accurate_date	Date of the ownership report that describes the link between the owner and the facility	datetime
application_id	A unique number assigned by the system	int
attrib_exemption_ind	Respondent is seeking an attributable exemption for an officer or director	char(1)
attributable_ind	Attributable Interest Indicator	char(1)
capitalization_na	Capitalization information is Not Applicable	char(1)
entity_control_ind	Governing board under control by another entity Indicator	char(1)

exemption_ind	Exemption Indicator	char(1)
individuals_related_ind	Indicates Familial Relationships(Parent/ Child, Spouse, Siblings)	char(1)
last_update_date	The date this record was last updated.	datetime
lic_frn	Licensee's FCC Registration Number (FRN)	varchar(10)
lic_name	Licensee Name	varchar(60)
non_attributable_ind	Certification that interests not reported are nonattributable.	char(1)
org_chart_na	Orgnizational Chart is Not Applicable	char(1)
owner_type	The owner may be a sole proprietorship S, not-for-profit corporation N, limited partnership L, for-profit corporation C, general partnership P, or other O	varchar(5)
related_ind	Familial Relationship	char(1)
resp_interests_na	Respondent's Interests Held information is Not Applicable	char(1)
respondent_nature_flg	Nature of respondent (Licensee, Permittee, Entity)	char(3)
separate_form_ind	Separate Form Indicator	char(1)

table name	ownership_structure	
column name	Entity-Attribute Definition	Data Type
active_ind	Active Indicator	char(1)
application_id	A unique number assigned by the system	int
appointed_by	The identification of the persons/body that appointed or elected the officer, member of governing board, or stockholder or partner	varchar(60)
assets_perc	Percentage of total assets (equity debt plus).	decimal(5,2)
broadcast_interests_ind	By whom owners held an attributable interest in broadcast systems	char(1)
citizenship	Citizenship of the Person	char(2)
city	Ownership Interests City	varchar(20)
country	Ownership Interests Country	varchar(20)
entity_exemption_ind	"Eligible Entity" Exemption Applies (2002 edition and earlier, only)	char(1)
equity_perc	Percentage of Equity	decimal(5,2)
ethnicity_flg	Ethnicity of the person (Hispanic or Latino: H, Not Hispanic or Latino: N)	varchar(5)
existing_interests	Existing Interests	varchar(255)

frn	FCC Registration Number	varchar(10)
gender_flg	Gender Indicator (M or F)	char(1)
interest_perc	Percentage of Interest	decimal(5,2)
Jointly_held_interests_ind	By whom owners held a joint interest in entity	char(1)
last_update_date	The date this record was last updated.	datetime
listing_type_flg	Listing Type: (Respondent, Other, licensee/permittee, Person with reportable Interest, Entity with reportable Interest)	char(1)
name	Ownership Interests Name	varchar(150)
name_address	Name and Address	varchar(255)
occupation	The principal profession or occupation of the party	varchar(60)
office_held	Office or directorship held by an individual associated with the owner	varchar(60)
order_number	A sequence number that indicates the order that entries were made.	smallint
ownership_structure_id	A unique number assigned by the system	int
personal_info_na	Natural Persons information is Not Applicable	char(1)
positional_int	Positional Interest	varchar(255)
positional_int_crd	Positional Interest: Attributable Creditor	char(1)
positional_int_dir	Positional Interest: Director	char(1)
positional_int_gen	Positional Interest: General Partner	char(1)
positional_int_inv	Positional Interest: Attributable Investor	char(1)
positional_int_lim	Positional Interest: Limited Partner	char(1)
positional_int_llc	Positional Interest: LC/LLC/PLLC Member	char(1)
positional_int_off	Indicator Positional Interest: Officer	char(1)
positional_int_oth	Indicator Positional Interest : Other	char(1)
positional_int_other_info	Positional Interest : Other information	varchar(20)
positional_int_own	Indicator Positional Interest : Owner	char(1)
positional_int_stk	Positional Interest : Stockholder	char(1)
race_american_indian	American Indian or Alaska Native (I)	char(1)
race_asian	Asian (A)	char(1)

race_black	Black or African American (B)	char(1)
race_flg	Race Flag (American Indian or Alaska Native: I, Asian: A, Black or African American: B, Native Hawaiian or Other Pacific Islander: H, White: W)	varchar(5)
race_hawaiian	Native Hawaiian or Other Pacific Islander (H)	char(1)
race_white	White (W)	char(1)
relationship_flg	Indicator relationship of Entity with reportable interest	char(1)
state	Ownership Interests State	char(2)
street_address1	Ownership Interests Address1	varchar(60)
street_address2	Ownership Interests Address2	varchar(60)
tribal_lic_ind	By whom owners were a tribal entity	char(1)
votes_perc	Officer, director, cognizable stockholder or partner: Percentage of votes	decimal(5,2)
zip1	Ownership Interests Zip1	char(5)
zip2	Ownership Interests Zip2	char(4)

table name	party	
column name	Entity-Attribute Definition	Data Type
last_change_date	The date this record was last updated.	datetime
mso_name	MSO Name field from EEO Annual Employment Report forms	name
party_address1	Mailing Address Line 1	address
party_address2	Mailing Address Line 2	address
party_citizenship	Citizenship	country
party_city	The city in the address of the respondent/applicant, assignor/transferor, assignee/transferee, licensee, owner, station, etc	city
party_company	Firm or Company Name	name
party_country	Country of the party's mailing address	country
party_email	Complete Electronic Mail address for the party.	email
party_fax	The fax number of the Party	phone
party_id	Uniquely identifies the party	int
party_legal_name	Full legal business name of Party (as opposed to the shortened name used on postcards and certain reports)	varchar(255)

party_name	Name of a party to an application	name
party_phone	Telephone number for the party to an application	phone
party_state	State of the party's mailing address	state
party_zip1	Zip Code (first 5 digits) of the address for the party to the application	char(5)
party_zip2	Zip Code +4 of the address for the party to the application	char(4)

table name personal_info

column name	Entity-Attribute Definition	Data Type
f175_account_id	account_id used by the auctions system	char(10)
f175_initial_date	date of initial submission of 175	datetime
f175_last_date	arn_date copy to app_tracking	datetime
f175_resub_date	date of re-submission of 175	datetime

table name positional_int

column name	Entity-Attribute Definition	Data Type
application_id	Uniquely identifies an application	int
assets_perc	Percentage of total assets (equity plus debt).	float
boardmember_ind	Indicates whether the positional interest party is a member of the board of the controlling organization: Yes/No.	ind
citizenship	Citizenship of the party holding attributable interest.	country
equity_perc	Percentage of Equity	float
last_update_date	The date this record was last updated.	datetime
membership_perc	Percentage of Membership	float
name_address	Name and address of the party holding an attributable interest to the Assignment or Transfer	varchar(250)
order_number	A sequence number that indicates the order that entries were made.	smallint
owner_perc	Percentage of Ownership	float
title	Title of the person with a positional interest in the application	name
votes_perc	Officer, director, cognizable stockholder or partner: Percentage of votes	float

table name renewal_translator_group

column name	Entity-Attribute Definition	Data Type
app_arn	ARN (Application Reference Number)	varchar(12)
application_id	Uniquely identifies an application	int
auth_retrans_ind	Indicates whether written authority to rebroadcast	char(1)
fac_callsign	Call sign of the station	varchar(12)
facility_id	Facility id of the station	int
file_prefix	File Prefix	varchar(10)
last_change_date	The date this record was last updated.	datetime
onair_ind	Indicates whether the station is currently on the air	char(1)
order_number	Uniquely identifies the position of the row	smallint
rebroad_callsign	Callsign of rebroadcast station	varchar(12)
rebroad_comm_city	City licensed to serve of the rebroadcast station	varchar(20)
rebroad_comm_state	State licensed to serve of the rebroadcast station	varchar(2)
rebroad_facility_id	Facility Identifier of the rebroadcast station	int
rebroad_signal_ind	Indicates whether licensee certifies that the station is currently rebroadcasting the signal of an FM, TV, or LPTV station.	char(1)
renewal_translator_group_id	A unique number assigned by the system	int
tx_comm_city	City where the station is located	varchar(20)
tx_comm_state	State where the station is located	varchar(2)

table name supp_facility

column name	Entity-Attribute Definition	Data Type
comm_city	The city specified as the supplemental facility's "community served"	varchar(20)
comm_state	The state specified as the supplemental facility's "community served"	char(2)
fac_channel	Channel Number	int
last_update_date	The date this record was last updated.	datetime
parent_facility_id	Parent Facility ID	int

site_number	Site Number to help identify this record (e.g. when a parent facility has more than one DTV Replacement Translator)	tinyint
status_date	Date that status changed	datetime
supp_callsign	Call Sign for the supplemental facility record (sometimes the same as the parent)	varchar(12)
supp_fac_status	Status of the supplemental facility record	varchar(12)
supp_type	Supplemental facility record type (DRT = DTV Replacement Translator, and DTS)	varchar(5)

table name tv_app_indicators

column name	Entity-Attribute Definition	Data Type
ant_5km_ind	Antenna within 5KM of Station Indicator	char(1)
ant_struct_reqs_ind	Certification: Antenna Structure Requirements met	char(1)
application_id	Uniquely identifies an application.	int
bt_used_ind	Indicates whether beam tilt is in use.	char(1)
coverage_exhibit_ind	Placeholder indicator question for the Coverage exhibit in TV apps	char(1)
da_exhibit_ind	Place holder indicator value for an exhibit with no question	char(1)
da_ind	Indicates whether the station uses a directional antenna.	char(1)
dlptv_elev_pattern_varies_ind	Do the elevation patterns vary for reasons other than mechanical beam tilt?	char(1)
dts_combined_interference_ind	The combined field strength of all of the DTS transmitters do not cause interference	char(1)
dts_coverage_contiguous_ind	DTS transmitter's coverage is contiguous with at least one other DTS transmitter's coverage	char(1)
dts_coverage_within_area_flg	DTS transmitter's coverage is contained within either the DTV station's Table of Distances area or authorized service. YC (Yes, contained within), YE (Yes, exceeds by minimal amount), N (No).	varchar(2)
dts_covers_all_area_ind	DTS transmitters' coverage covers all of the station's authorized service area, as required in 47 C.F.R. Section 73.626(f)(1)	char(1)
dts_elev_pattern_varies_ind	Do the elevation patterns vary for reasons other than mechanical beam tilt?	char(1)
dts_principal_comm_cover_flg	The coverage from one or more DTS transmitter(s) in the DTS facility provide(s) principal community coverage. The values are: Y1 (Yes, one transmitter provides principal coverage), YM (Yes, multiple transmitters provide principal coverage), N (No).	varchar(2)
dts_trans_within_area_ind	Each DTS transmitter in the proposed DTS facility is located within either the DTV Table of Distances or the authorized area	char(1)
dummy_tx_flag	Code for the station type (either LPTV or TV Translator) when the service is TX. Needed for internal processing	char(1)

elec_bt_prop_ind	Indicates whether electrical beam tilt has been proposed.	char(1)
faa_notified_ind	Antenna Structure FAA notification requirements met indicator	char(1)
int_compl_ind	The facility satisfies all interference requirements	char(1)
interference_prot_ind	The proposed DTV station satisfies the interference protection provisions of 47 CFR 73.616 and 73.626	char(1)
last_change_date	The date this record was last updated.	datetime
maximization_ind	Indicates whether this request is for DTV maximization	char(1)
mech_bt_prop_ind	Indicates whether mechanical beam tilt was proposed.	char(1)
no_rotation_ind	Indicates whether there is antenna rotation	char(1)
no_suitable_incore_ind	The applicant is applying for a digital companion channel for which no suitable channel from channel 2-51 is available	char(1)
noise_limited_ind	It will operate at post-transition facilities that do not expand the noise-limited service contour in any direction	char(1)
population_match_ind	It will operate at post-transition facilities that match or reduce by no more than five percent with respect to predicted population from those defined in the new DTV Table Appendix B.	char(1)
rad_astr_ind	Radio Astronomy Notifications met Indicator	char(1)
rel_field_values_na	Indicates whether or not there is any Relative Fields values	char(1)
rule_1_1307_ind	No significant health hazard as specified in 1.1307 Indicator	char(1)
rule_73_1660_ind	Transmitter complies with 73.1660 (yes/no)	char(1)
rule_73_1690c_3_ind	Rule 73.1690(c)(3) Apply Indicator, Pattern of Directional Antenna	char(1)
rule_73_607_ind	Facility satisfy Rule 73.607 for Allotment (yes/no)	char(1)
rule_73_610_ind	Indicates whether the proposed facility will satisfy the requirements of rule 73.610.	char(1)
rule_73_614_ind	Facility complies with Rule 73.614 for ERP, and HAAT (yes/no)	char(1)
rule_73_62_ind	ERP and Haat for this station meets requirements in the 47 CFR Section 73.62	char(1)
rule_73_622_ind	73.622 met for operating DTV Channel Indicator	char(1)
rule_73_623a_ind	Facility satisfies the interference protection provisions of 73.623(a) indicator	char(1)
rule_73_625_ind	Facility complies with Rule 73.625 for Coverage requirements Indicator	char(1)
rule_73_685ab_ind	Facility complies with Rule 73.685 (a) and (b) for community coverage (yes/no)	char(1)
rule_73_685dg_ind	The applicant accepts full responsibility in accordance with 47 C.F.R. Sections 73.685(d) and (g) for the elimination of any objectionable interference	char(1)

rule_74_705_ind	Indicates that interference compliance applies to CFR 74.705 (TV Broadcast analog system protection)	char(1)
rule_74_706_ind	Indicates that interference compliance applies to CFR 74.706 (Digital TV Station protection)	char(1)
rule_74_707_ind	Indicates that interference compliance applies to CFR 74.707 (LPTV and TV Translator station protection)	char(1)
rule_74_786d_ind	The applicant has notified commercial wireless licenses pursuant to Section 74.786(d).	char(1)
rule_74_786eAgr_ind	The applicant proposing operation on channel 63, 64, 68 and 69 ("public safety channels") has secured a coordinated spectrum use agreements(s) pursuant to Section 74.786(e).	char(1)
rule_74_786eNotif_ind	The applicant for a channel adjacent to channel 63, 64, 68 or 69 has notified the 700 MHz public safety regional planning committee(s) and state administrator(s) pursuant to Section 74.786(e).	char(1)
rule_74_786eWireless_ind	The applicant has notified commercial wireless licenses pursuant to Section 74.786(e).	char(1)
site_number	DTS Transmitter Site Number. Included in primary key. If no transmitter sites, then 0 (zero).	tinyint
studio_in_comm_ind	Licensee certifies that it has constructed and maintains a main studio at a location in compliance with the requirements of 47 C.F.R. Section 73.1125.	char(1)

table name	tv_eng_data	
column name	Entity-Attribute Definition	Data Type
analog_channel	The Analog channel (Filled in for DTV only)	int
ant_input_pwr	The input power, in dBk, of the antenna.	float
ant_max_pwr_gain	The maximum amount of power gain, in dB, associated with the antenna.	float
ant_polarization	Indicates the polarization properties of the proposed antenna: horizontally polarized; circularly polarized; elliptically polarized.	char(1)
ant_rotation	The rotation, in whole degrees, associated with an FX off the shelf directional antenna	int
antenna_id	Identifies a specific antenna make and model	int
antenna_type	The type of the antenna in use: Directional "off the shelf"; Directional Composite (multiple antennas); Non-Directional	char(1)
application_id	Uniquely identifies an application.	int
asrn	Unique ASRN number assigned to a registered tower	int
asrn_na_ind	ASRN Number Not Applicable Indicator	char(1)
aural_freq	The Authorized frequency of the carrier which is modulated by aural information	frequency

avg_horiz_pwr_gain	The average (RMS) horizontal plan power gain, in dB, of the antenna.	float
biased_lat	Digital Latitude: Calculated value; (latitude degrees +90) + (lat_min/60) + (lat_sec/3600). Used for indexing. Eliminates negative values	float
biased_long	Digital Longitude, Calculated value: (degrees+180) + (minutes/60) + (seconds/3600). Used for indexing. Eliminates negative values	float
border_code	Indicates whether the coordinates are sufficiently close to an international border that an agreement w/ a foreign country is applicable.	char(1)
carrier_freq	The center of the carrier frequency band assigned to a station or lower limits of the frequency band when no discrete frequencies are assigned.	frequency
docket_num	The Docket number of a hearing or rulemaking associated with this record.	varchar(20)
dt_emission_mask	Out-of-band spectral emission mask that the station will comply with. Values: 'S' = Simple, and 'T' = Stringent.	char(1)
effective_erp	Effective ERP	float
electrical_deg	Degrees electrical for antennas with beam tilt.	float
elev_amsl	Elevation, in meters, of site above mean sea level	float
elev_bldg_ag	No longer used	
elevation_antenna_id	Identifies an elevation pattern	int
eng_record_type	Flag indicating the type of Engineering record this is. A: Archive C: Current P: Pending	char(1)
fac_zone	The zone of the Principal Community a TV Facility is serving. Can be either I, II, or III	varchar(3)
facility_id	Uniquely identifies a facility.	int
freq_offset	the frequency offset expressed as a plus, minus, zero, or none	char(1)
gain_area	No longer used	
haat_rc_mtr	The height, in meters, of the radiation center above average terrain.	float
hag_overall_mtr	The absolute overall height above ground to the top of the tower structure including the antenna and lighting, measured in meters	float
hag_rc_mtr	The height, in meters, of the radiation center above ground.	float
horiz_bt_erp	The maximum ERP, in kW, in the plane of the tilted beam, horizontal polarization.	float
input_trans_line	Input to transmission line (dBk)	float
last_update_date	The date this record was last updated.	datetime
lat_deg	Reference Point, latitude degrees	int
lat_dir	The direction for the latitude: N for North latitude and S for South.	char(1)

lat_min	Reference Point, latitude minutes	int
lat_sec	Reference Point, latitude seconds	float
lat_whole_secs	No longer used	
lic_ant_make	The make of an antenna (from a license form)	varchar(3)
lic_ant_model_num	The model number of an antenna (from a license form)	varchar(60)
lon_deg	Reference point, longitude Degrees	int
lon_dir	The direction for the longitude: E for East or W for West..	char(1)
lon_min	Reference point, longitude minutes	int
lon_sec	Reference point, longitude seconds	float
lon_whole_secs	No longer used	
loss_area	No longer used	
lottery_group	Integer lottery group id: legacy data only	int
max_ant_pwr_gain	No longer used	
max_erp_dbk	The maximum effective radiated power, measured in decibels over 1 kilowatt.	float
max_erp_kw	The maximum effective radiated power, measured in kilowatts	float
max_erp_to_hor	No longer used	
max_haat	The maximum HAAT in any direction, based on the higher of the horizontally polarized or vertically polarized RCAMSL, in meters. Blank if both the horizontal and vertical RCAMSL's are blank, or in areas with no topographic data available.	float
mechanical_deg	Degrees mechanical for antennas with beam tilt.	float
multiplexor_loss	The amount of loss, in dB, in the signal attributable to the multiplexer (if separate).	float
power_output_vis_dbk	Visual transmitter output power in decibels above 1 kilowatt	float
power_output_vis_kw	Visual transmitter output power in kilowatts	float
predict_coverage_area	DTS waiver distances	float
predict_pop	No longer used	
rcamsl_horiz_mtr	The height of the radiation center above mean sea level, measured in meters	float
site_number	DTS Transmitter Site Number. Included in primary key. If no transmitter sites, then 0 (zero).	tinyint
station_channel	Station Channel	int

terrain_data_src	No longer used	
terrain_data_src_other	No longer used	
tilt_towards_azimuth	The antenna tilt toward azimuth in degrees.	float
trans_line_loss	Transmission line power loss	float
true_deg	Degrees true for antennas w/ mechanical beam tilt.	float
tv_dom_status	The domestic status of the record	varchar(6)
upperband_freq	The upper limit of the frequency band when band limits are indicated	frequency
vert_bt_erp	The maximum ERP, in kW, in the plane of the tilted beam, vertical polarization.	float
visual_freq	The Authorized frequency of the carrier which is modulated by picture information	frequency
vsd_service	The type of record, or the type of service represented by this record. TV,DT,TX,TB,TR,TA	char(2)

table name various

column name **Entity-Attribute Definition** **Data Type**

last_change_date	The date this record was last updated (sometimes NULL, if never updated).	datetime
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