magnitude
(Magnitude)
- pk (PK) : SERIAL
- bp : REAL
- g : REAL
- h : REAL
- i : REAL
- z : REAL
- r : REAL
- rp : REAL
- gaia_g : REAL
- j : REAL
- k : REAL
- optical_prov : TEXT
- carton_to_target_pk (FK) : INTEGER

INDEX carton_to_target_pk
INDEX carton_to_target_pk
INDEX h
INDEX h

assignment
(Assignment)
- pk (PK) : SERIAL
- design_id (FK) : INTEGER
- instrument_pk (FK) : INTEGER
- hole_pk (FK) : INTEGER
- carton_to_target_pk (FK) : INTEGER

INDEX carton_to_target_pk
INDEX carton_to_target_pk
INDEX design_id
INDEX hole_pk
INDEX instrument_pk
INDEX instrument_pk

design_to_field
(DesignToField)
- pk (PK) : SERIAL
- design_id (FK) : INTEGER
- field_pk (FK) : INTEGER
- exposure : INTEGER
- field_exposure : INTEGER

INDEX design_id
INDEX field_pk

design_mode_check_results
(DesignModeCheckResults)
- pk (PK) : INTEGER
- design_id (FK) : INTEGER
- design_pass : BOOLEAN
- design_status : INTEGER
- boss_skies_min_pass : BOOLEAN
- boss_skies_min_value : INTEGER
- boss_skies_fov_pass : BOOLEAN
- boss_skies_fov_value : DOUBLE PRECISION
- apogee_skies_min_pass : BOOLEAN
- apogee_skies_min_value : INTEGER
- apogee_skies_fov_pass : BOOLEAN
- apogee_skies_fov_value : DOUBLE PRECISION
- boss_stds_min_pass : BOOLEAN
- boss_stds_min_value : INTEGER
- boss_stds_fov_pass : BOOLEAN
- boss_stds_fov_value : DOUBLE PRECISION
- apogee_stds_min_pass : BOOLEAN
- apogee_stds_min_value : INTEGER
- apogee_stds_fov_pass : BOOLEAN
- apogee_stds_fov_value : DOUBLE PRECISION
- boss_stds_mags_pass : BOOLEAN
- apogee_stds_mags_pass : BOOLEAN
- boss_bright_limit_targets_pass : BOOLEAN
- apogee_bright_limit_targets_pass : BOOLEAN
- boss_sky_neighbors_targets_pass : BOOLEAN
- apogee_sky_neighbors_targets_pass : BOOLEAN
- apogee_trace_diff_targets_pass : BOOLEAN

obsmode
(ObsMode)
- label : TEXT
- min_moon_sep : REAL
- min_deltav_ks91 : REAL
- min_twilight_ang : REAL
- max_airmass : REAL

UNIQUE label
UNIQUE label

field_reservation
(FieldReservation)
- field_id : INTEGER

UNIQUE field_id

carton_to_target
(CartonToTarget)
- pk (PK) : SERIAL
- cadence_pk (FK) : INTEGER
- lambda_eff : REAL
- carton_pk (FK) : INTEGER
- target_pk (FK) : INTEGER
- priority : INTEGER
- value : REAL
- instrument_pk (FK) : INTEGER
- delta_ra : DOUBLE PRECISION
- delta_dec : DOUBLE PRECISION
- can_offset : BOOLEAN
- inertial : BOOLEAN

INDEX instrument_pk
INDEX instrument_pk
INDEX cadence_pk
INDEX cadence_pk
INDEX carton_pk
INDEX carton_pk
INDEX priority
INDEX priority
INDEX target_pk
INDEX target_pk

hole
(Hole)
- pk (PK) : INTEGER
- observatory_pk (FK) : INTEGER
- row : SMALLINT
- column : SMALLINT
- holeid : TEXT

UNIQUE (holeid, observatory_pk)
INDEX holeid
INDEX observatory_pk

field
(Field)
- pk (PK) : SERIAL
- field_id : INTEGER
- racen : DOUBLE PRECISION
- deccen : DOUBLE PRECISION
- position_angle : REAL
- slots_exposures : INTEGER
- cadence_pk (FK) : INTEGER
- observatory_pk (FK) : INTEGER
- version_pk (FK) : INTEGER

INDEX cadence_pk
INDEX cadence_pk
INDEX field_id
INDEX field_id
INDEX observatory_pk
INDEX observatory_pk

design
(Design)
- design_id (PK) : SERIAL
- design_mode_label (FK) : TEXT
- mugatu_version : TEXT
- run_on : TIMESTAMP
- assignment_hash : UUID
- design_version_pk (FK) : INTEGER

UNIQUE pk
INDEX assignment_hash

target
(Target)
- pk (PK) : SERIAL
- catalogid : BIGINT
- dec : DOUBLE PRECISION
- epoch : REAL
- pmdec : REAL
- pmra : REAL
- ra : DOUBLE PRECISION
- parallax : REAL

INDEX catalogid
INDEX catalogid
INDEX (q3c_ang2ipix(ra, "dec"))
INDEX (q3c_ang2ipix(ra, "dec"))

carton
(Carton)
- pk (PK) : SERIAL
- category_pk (FK) : INTEGER
- carton : TEXT
- mapper_pk (FK) : INTEGER
- program : TEXT
- version_pk (FK) : INTEGER
- run_on : TIMESTAMP

instrument
(Instrument)
- pk (PK) : SERIAL
- label : TEXT
- default_lambda_eff : REAL

cadence
(Cadence)
- pk (PK) : SERIAL
- label : TEXT
- label_version : TEXT
- label_root : TEXT
- nepochs : INTEGER
- skybrightness : REAL
- delta : REAL
- delta_max : REAL
- delta_min : REAL
- nexp : SMALLINT
- max_length : REAL
- obsmode_pk : TEXT

UNIQUE label
UNIQUE label
UNIQUE label
INDEX nepochs
INDEX nepochs

observatory
(Observatory)
- pk (PK) : SERIAL
- label : TEXT

design_mode
(DesignMode)
- label : TEXT
- boss_skies_min : INTEGER
- boss_skies_fov : DOUBLE PRECISION
- apogee_skies_min : INTEGER
- apogee_skies_fov : DOUBLE PRECISION
- boss_stds_min : INTEGER
- boss_stds_mags_min : DOUBLE PRECISION
- boss_stds_mags_max : DOUBLE PRECISION
- boss_stds_fov : DOUBLE PRECISION
- apogee_stds_min : INTEGER
- apogee_stds_mags_min : DOUBLE PRECISION
- apogee_stds_mags_max : DOUBLE PRECISION
- apogee_stds_fov : DOUBLE PRECISION
- boss_bright_limit_targets_min : DOUBLE PRECISION
- boss_bright_limit_targets_max : DOUBLE PRECISION
- boss_sky_neighbors_targets : DOUBLE PRECISION
- apogee_bright_limit_targets_min : DOUBLE PRECISION
- apogee_bright_limit_targets_max : DOUBLE PRECISION
- apogee_trace_diff_targets : DOUBLE PRECISION
- apogee_sky_neighbors_targets : DOUBLE PRECISION

UNIQUE label
UNIQUE label

category
(Category)
- pk (PK) : SERIAL
- label : TEXT

mapper
(Mapper)
- pk (PK) : SERIAL
- label : TEXT

version
(Version)
- pk (PK) : SERIAL
- plan : TEXT
- target_selection : BOOLEAN
- robostrategy : BOOLEAN
- tag : TEXT

UNIQUE id
UNIQUE plan
UNIQUE plan