

public.user_pointing		[table]
user_pointing_id	bigserial not null	auto-incremented
ppc_code	varchar not null	
ppc_ra	float8(17, 17) not null	
ppc_dec	float8(17, 17) not null	
ppc_pa	float8(17, 17) not null	
ppc_resolution	resolutionmode not null	'L', 'M'
ppc_priority	float8(17, 17) not null	
input_catalog_id	int4 not null	
created_at	timestamp	
updated_at	timestamp	

public.input_catalog		[table]
input_catalog_name	varchar not null	
input_catalog_description	varchar	
created_at	timestamp	
updated_at	timestamp	
upload_id	varchar(16)	
input_catalog_id	int4 not null	auto-incremented
active	bool	
is_classical	bool	
is_user_pointing	bool	

public.filter_name		[table]
filter_name	varchar not null	
filter_name_description	varchar	
created_at	timestamp	
updated_at	timestamp	

public.cluster		[table]
cluster_id	int8 not null	
target_id	int8 not null	
n_targets	int4	
ra_cluster	float8(17, 17)	
dec_cluster	float8(17, 17)	
d_ra	float8(17, 17)	
d_dec	float8(17, 17)	
input_catalog_id	int4	
created_at	timestamp	
updated_at	timestamp	

public.alembic_version		[table]
version_num	varchar(32) not null	

public.proposal_category		[table]
proposal_category_id	int4 not null	
proposal_category_name	varchar not null	
proposal_category_description	varchar	
created_at	timestamp	
updated_at	timestamp	

public.partner		[table]
partner_id	int4 not null	
partner_name	varchar not null	
partner_description	varchar	
created_at	timestamp	
updated_at	timestamp	

public.proposal		[table]
proposal_id	varchar not null	
group_id	varchar not null	
pi_first_name	varchar	
pi_last_name	varchar not null	
pi_middle_name	varchar	
rank	float8(17, 17) not null	
grade	varchar not null	
allocated_time_total	float8(17, 17)	
proposal_category_id	int4	
created_at	timestamp	
updated_at	timestamp	
allocated_time_lr	float8(17, 17)	
allocated_time_mr	float8(17, 17)	
is_too	bool	
partner_id	int4	

public.target		[table]
target_id	bigserial not null	auto-incremented
proposal_id	varchar	
obj_id	int8 not null	
ra	float8(17, 17) not null	
"dec"	float8(17, 17) not null	
epoch	varchar	
parallax	float8(17, 17)	
pmra	float8(17, 17)	
pmdec	float8(17, 17)	
tract	int4	
patch	int4	
target_type_id	int4	
input_catalog_id	int4 not null	
fiber_mag_g	float8(17, 17)	
fiber_mag_r	float8(17, 17)	
fiber_mag_i	float8(17, 17)	
fiber_mag_z	float8(17, 17)	
fiber_mag_y	float8(17, 17)	
fiber_mag_j	float8(17, 17)	
psf_mag_g	float8(17, 17)	
psf_mag_r	float8(17, 17)	
psf_mag_i	float8(17, 17)	
psf_mag_z	float8(17, 17)	
psf_mag_y	float8(17, 17)	
psf_mag_j	float8(17, 17)	
psf_flux_g	float8(17, 17)	
psf_flux_r	float8(17, 17)	
psf_flux_i	float8(17, 17)	
psf_flux_z	float8(17, 17)	
psf_flux_y	float8(17, 17)	
psf_flux_j	float8(17, 17)	
priority	float8(17, 17)	
effective_exptime	float8(17, 17) not null	
is_medium_resolution	bool	
qa_relative_throughput	float8(17, 17)	
qa_relative_noise	float8(17, 17)	
qa_reference_lambda	float8(17, 17)	
is_cluster	bool	
created_at	timestamp	
updated_at	timestamp	
filter_g	varchar	
filter_r	varchar	
filter_i	varchar	
filter_z	varchar	
filter_y	varchar	
filter_j	varchar	
psf_mag_error_g	float8(17, 17)	
psf_mag_error_r	float8(17, 17)	
psf_mag_error_i	float8(17, 17)	
psf_mag_error_z	float8(17, 17)	
psf_mag_error_y	float8(17, 17)	
psf_mag_error_j	float8(17, 17)	
psf_flux_error_g	float8(17, 17)	
psf_flux_error_r	float8(17, 17)	
psf_flux_error_i	float8(17, 17)	
psf_flux_error_z	float8(17, 17)	
psf_flux_error_y	float8(17, 17)	
psf_flux_error_j	float8(17, 17)	
ob_code	varchar not null	
single_exptime	float8(17, 17) not null	
qa_reference_arm	varchar	
total_flux_g	float8(17, 17)	
total_flux_r	float8(17, 17)	
total_flux_i	float8(17, 17)	
total_flux_z	float8(17, 17)	
total_flux_y	float8(17, 17)	
total_flux_j	float8(17, 17)	
total_flux_error_g	float8(17, 17)	
total_flux_error_r	float8(17, 17)	
total_flux_error_i	float8(17, 17)	
total_flux_error_z	float8(17, 17)	
total_flux_error_y	float8(17, 17)	
total_flux_error_j	float8(17, 17)	

public.pfs_arm		[table]
name	varchar not null	
description	varchar	
created_at	timestamp	
updated_at	timestamp	

public.target_type		[table]
target_type_id	int4 not null	
target_type_name	varchar not null	
target_type_description	varchar	
created_at	timestamp	
updated_at	timestamp	

public.fluxstd		[table]
fluxstd_id	bigserial not null	auto-incremented
obj_id	int8 not null	
ra	float8(17, 17) not null	
"dec"	float8(17, 17) not null	
epoch	varchar	
parallax	float8(17, 17)	
parallax_error	float8(17, 17)	
pmra	float8(17, 17)	
pmra_error	float8(17, 17)	
pmdec	float8(17, 17)	
pmdec_error	float8(17, 17)	
tract	int4	
patch	int4	
target_type_id	int4	
input_catalog_id	int4 not null	
psf_mag_g	float8(17, 17)	
psf_mag_r	float8(17, 17)	
psf_mag_i	float8(17, 17)	
psf_mag_z	float8(17, 17)	
psf_mag_y	float8(17, 17)	
psf_mag_j	float8(17, 17)	
psf_flux_g	float8(17, 17)	
psf_flux_r	float8(17, 17)	
psf_flux_i	float8(17, 17)	
psf_flux_z	float8(17, 17)	
psf_flux_y	float8(17, 17)	
psf_flux_j	float8(17, 17)	
prob_f_star	float8(17, 17)	
flags_dist	bool	
flags_ebv	bool	
version	varchar not null	
created_at	timestamp	
updated_at	timestamp	
filter_g	varchar	
filter_r	varchar	
filter_i	varchar	
filter_z	varchar	
filter_y	varchar	
filter_j	varchar	
psf_mag_error_g	float8(17, 17)	
psf_mag_error_r	float8(17, 17)	
psf_mag_error_i	float8(17, 17)	
psf_mag_error_z	float8(17, 17)	
psf_mag_error_y	float8(17, 17)	
psf_mag_error_j	float8(17, 17)	
psf_flux_error_g	float8(17, 17)	
psf_flux_error_r	float8(17, 17)	
psf_flux_error_i	float8(17, 17)	
psf_flux_error_z	float8(17, 17)	
psf_flux_error_y	float8(17, 17)	
psf_flux_error_j	float8(17, 17)	
teff_brutus	float8(17, 17)	
teff_brutus_low	float8(17, 17)	
teff_brutus_high	float8(17, 17)	
logg_brutus	float8(17, 17)	
logg_brutus_low	float8(17, 17)	
logg_brutus_high	float8(17, 17)	
teff_gspphot	float8(17, 17)	
teff_gspphot_lower	float8(17, 17)	
teff_gspphot_upper	float8(17, 17)	
is_fstar_gaia	bool	

public.sky		[table]
sky_id	bigserial not null	auto-incremented
obj_id	int8 not null	
obj_id_orig	varchar	
ra	float8(17, 17) not null	
"dec"	float8(17, 17) not null	
epoch	varchar	
tract	int4	
patch	int4	
target_type_id	int4	
input_catalog_id	int4 not null	
mag_thresh	float8(17, 17)	
version	varchar not null	
created_at	timestamp	
updated_at	timestamp	