

pfs_visit [table]	
pfs_visit_id	int4 not null
pfs_visit_description	varchar
pfs_design_id	int8
issued_at	timestamp

mcs_boresight [table]	
pfs_visit_id	int4 not null
mcs_boresight_x_pix	float4(8, 8)
mcs_boresight_y_pix	float4(8, 8)
calculated_at	timestamp

psf_model [table]	
psf_model_id	int4 not null
pfs_visit_id	int4
tel_visit_id	int4
sps_camera_id	int4

mcs_exposure [table]	
mcs_frame_id	int4 not null
pfs_visit_id	int4
mcs_exptime	float4(8, 8)
altitude	float4(8, 8)
azimuth	float4(8, 8)
insrot	float4(8, 8)
adc_pa	float4(8, 8)
dome_temperature	float4(8, 8)
dome_pressure	float4(8, 8)
dome_humidity	float4(8, 8)
outside_temperature	float4(8, 8)
outside_pressure	float4(8, 8)
outside_humidity	float4(8, 8)
mcs_cover_temperature	float4(8, 8)
mcs_m1_temperature	float4(8, 8)
taken_at	timestamp
taken_in_hst_at	timestamp

time_wavelength	float4(8, 8)
created_at	timestamp
updated_at	timestamp

mcs_data [table]	
mcs_frame_id	int4 not null
spot_id	int4 not null
mcs_center_x_pix	float4(8, 8)
mcs_center_y_pix	float4(8, 8)
mcs_second_moment_x_pix	float4(8, 8)
mcs_second_moment_y_pix	float4(8, 8)
mcs_second_moment_xy_pix	float4(8, 8)
bgvalue	float4(8, 8)
peakvalue	float4(8, 8)

cobra_matching [table]	
mcs_frame_id	int4 not null
cobra_id	int4 not null
spot_id	int4
pfi_nominal_x_mm	float4(8, 8)
pfi_nominal_y_mm	float4(8, 8)
pfi_center_x_mm	float4(8, 8)
pfi_center_y_mm	float4(8, 8)

cobra_target [table]	
mcs_frame_id	int4 not null
cobra_id	int4 not null
iteration	int4
pfs_config_id	int8
pfi_target_x_mm	float4(8, 8)
pfi_target_y_mm	float4(8, 8)
cobra_motor_calib_id	int4
motor_num_step_theta	int4
motor_on_time_theta	float4(8, 8)
motor_num_step_phi	int4
motor_on_time_phi	float4(8, 8)
flags	int4

obslog_mcs_exposure_note [table]	
id	serial not null auto-incremented
user_id	int4

