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

(body) varchar not null

obslog_visit_set_note [table]

id	serial not null auto-incremented
user_id	int4
visit_set_id	int4
body	varchar not null

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)

sps_sequence [table]

visit_set_id	int4 not null
sequence_type	varchar
name	varchar
comments	varchar
cmd_str	varchar
status	varchar

processing_status [table]

status_id	int4 not null
visit_set_id	int4
pfs_visit_id	int4
are_data_ok	bool
comments	varchar
drp2d_version	varchar
qa_version	varchar

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

visit_set [table]

pfs_visit_id	int4 not null
visit_set_id	int4

cobra_match [table]

mcs_frame_id	int4 not null
spot_id	int4 not null
pfs_visit_id	int4
iteration	int4
cobra_id	int4
pfi_center_x_mm	float4(8, 8)
pfi_center_y_mm	float4(8, 8)
flags	int4

cobra_target [table]

pfs_visit_id	int4 not null
iteration	int4 not null
cobra_id	int4 not null
pfs_config_id	int8
pfi_nominal_x_mm	float4(8, 8)
pfi_nominal_y_mm	float4(8, 8)
pfi_target_x_mm	float4(8, 8)
pfi_target_y_mm	float4(8, 8)
cobra_motor_model_id_theta	int4
motor_target_theta	float4(8, 8)
motor_num_step_theta	int4
motor_on_time_theta	float4(8, 8)
cobra_motor_model_id_phi	int4
motor_target_phi	float4(8, 8)
motor_num_step_phi	int4
motor_on_time_phi	float4(8, 8)
flags	int4

sps_visit [table]

pfs_visit_id	int4 not null
exp_type	varchar

sps_condition [table]

pfs_visit_id	int4 not null
sps_camera_id	int4 not null
background	float4(8, 8)