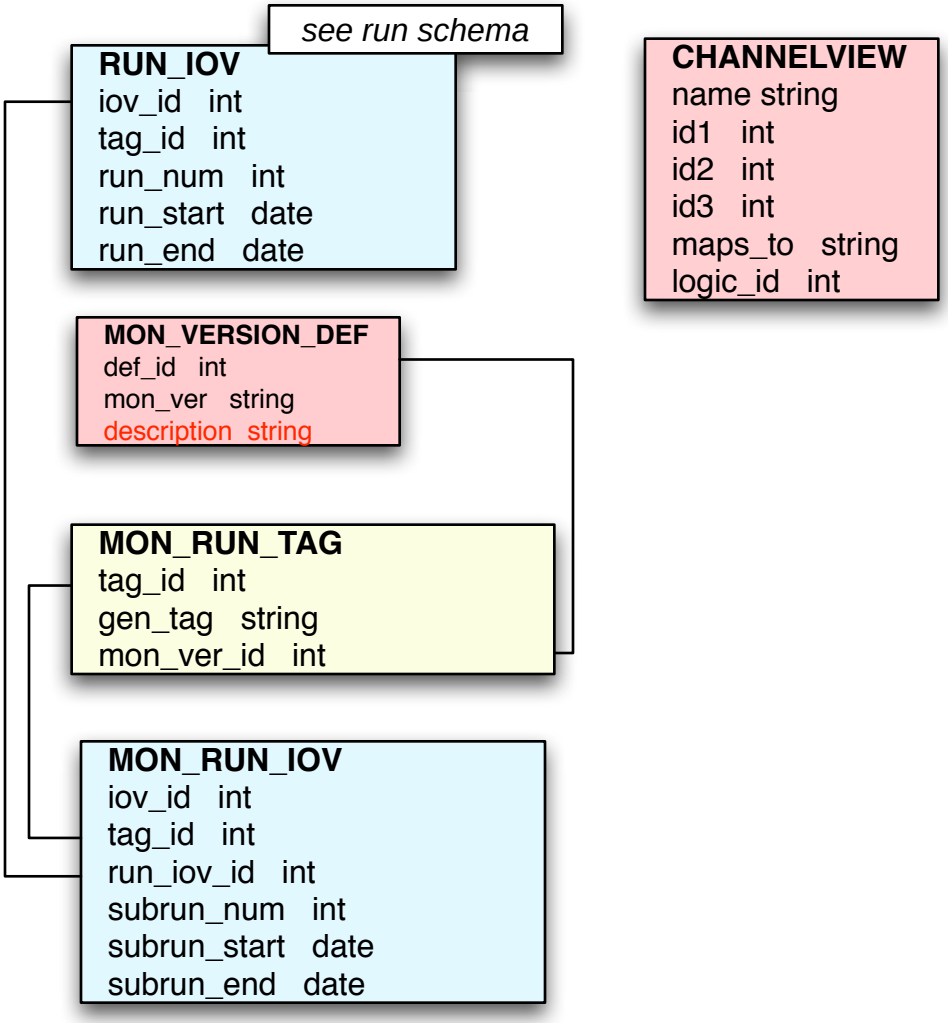
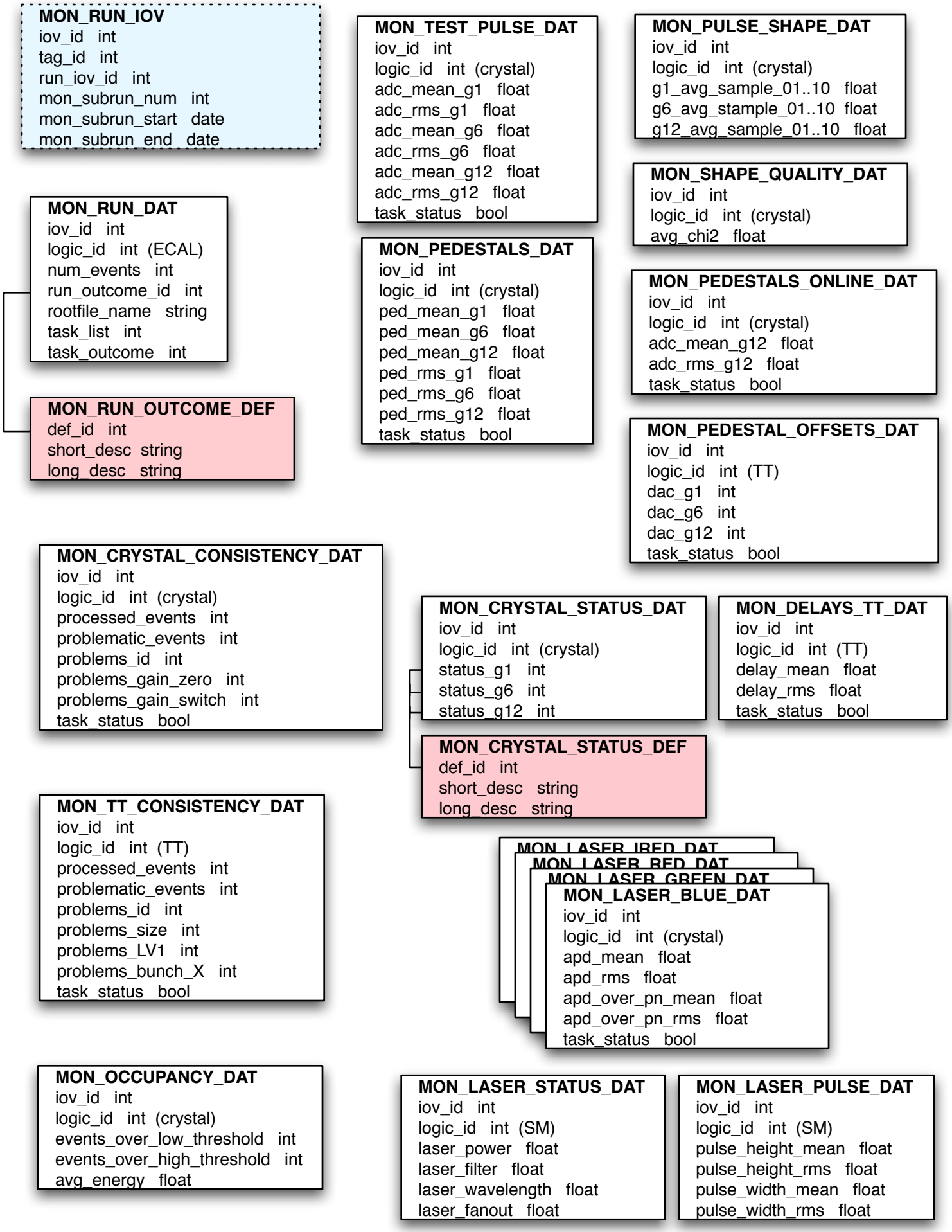
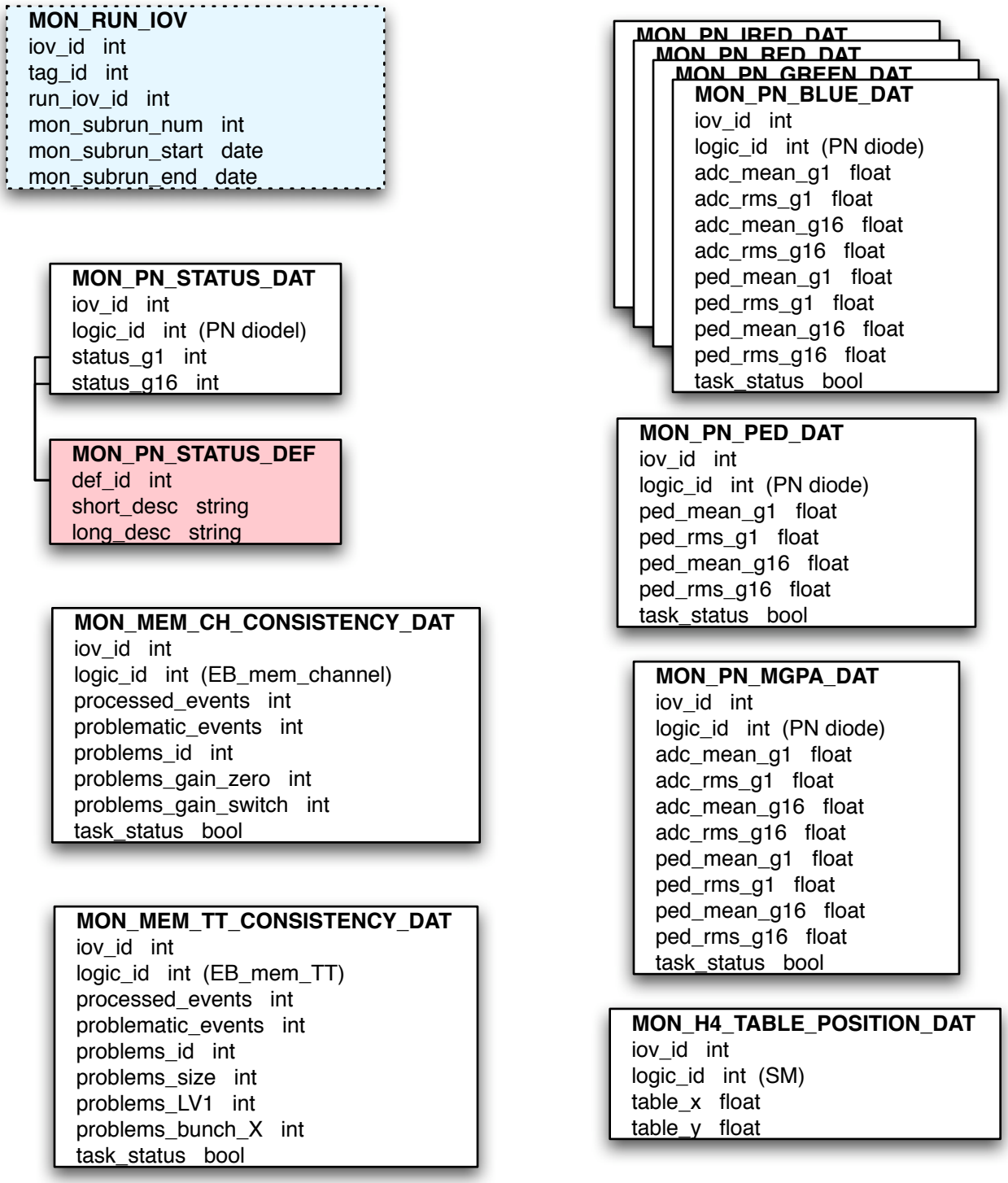
Monitoring System
Conditions Database Schema
ver. 14
July 24, 2006




MON_RUN_IOV
iov_id int
tag_id int
run_iov_id int
mon_subrun_num int
mon_subrun_start date
mon_subrun_end date
MON_TEST_PULSE_DAT
iov_id int
logic_id int (crystal)
adc_mean_g1 float
adc_rms_g1 float
adc_mean_g6 float
adc_rms_g6 float
adc_mean_g12 float
adc_rms_g12 float
task_status bool
MON_PULSE_SHAPE_DAT
iov_id int
logic_id int (crystal)
g1_avg_sample_01..10 float
g6_avg_stample_01..10 float
g12_avg_sample_01..10 float
MON_SHAPE_QUALITY_DAT
iov_id int
logic_id int (crystal)
avg_chi2 float
MON_RUN_DAT
iov_id int
logic_id int (ECAL)
num_events int
run_outcome_id int
rootfile_name string
task_list int
task_outcome int
MON_PEDESTALS_DAT
iov_id int
logic_id int (crystal)
ped_mean_g1 float
ped_mean_g6 float
ped_mean_g12 float
ped_rms_g1 float
ped_rms_g6 float
ped_rms_g12 float
task_status bool
MON_PEDESTALS_ONLINE_DAT
iov_id int
logic_id int (crystal)
adc_mean_g12 float
adc_rms_g12 float
task_status bool
MON_RUN_OUTCOME_DEF
def_id int
short_desc string
long_desc string
MON_PEDESTAL_OFFSETS_DAT
iov_id int
logic_id int (TT)
dac_g1 int
dac_g6 int
dac_g12 int
task_status bool
MON_CRYSTAL_CONSISTENCY_DAT
iov_id int
logic_id int (crystal)
processed_events int
problematic_events int
problems_id int
problems_gain_zero int
problems_gain_switch int
task_status bool
MON_CRYSTAL_STATUS_DAT
iov_id int
logic_id int (crystal)
status_g1 int
status_g6 int
status_g12 int
MON_DELAYS_TT_DAT
iov_id int
logic_id int (TT)
delay_mean float
delay_rms float
task_status bool
MON_CRYSTAL_STATUS_DEF
def_id int
short_desc string
long_desc string
MON_TT_CONSISTENCY_DAT
iov_id int
logic_id int (TT)
processed_events int
problematic_events int
problems_id int
problems_size int
problems_LV1 int
problems_bunch_X int
task_status bool
MON_LASER_IRED_DAT
MON_LASER_RED_DAT
MON_LASER_GREEN_DAT
MON_LASER_BLUE_DAT
iov_id int
logic_id int (crystal)
apd_mean float
apd_rms float
apd_over_pn_mean float
apd_over_pn_rms float
task_status bool
MON_OCCUPANCY_DAT
iov_id int
logic_id int (crystal)
events_over_low_threshold int
events_over_high_threshold int
avg_energy float
MON_LASER_STATUS_DAT
iov_id int
logic_id int (SM)
laser_power float
laser_filter float
laser_wavelength float
laser_fanout float
MON_LASER_PULSE_DAT
iov_id int
logic_id int (SM)
pulse_height_mean float
pulse_height_rms float
pulse_width_mean float
pulse_width_rms float


MON_RUN_IOV
iov_id int
tag_id int
run_iov_id int
mon_subrun_num int
mon_subrun_start date
mon_subrun_end date
MON_PN_STATUS_DAT
iov_id int
logic_id int (PN diodel)
status_g1 int
status_g16 int
MON_PN_STATUS_DEF
def_id int
short_desc string
long_desc string
MON_MEM_CH_CONSISTENCY_DAT
iov_id int
logic_id int (EB_mem_channel)
processed_events int
problematic_events int
problems_id int
problems_gain_zero int
problems_gain_switch int
task_status bool
MON_MEM_TT_CONSISTENCY_DAT
iov_id int
logic_id int (EB_mem_TT)
processed_events int
problematic_events int
problems_id int
problems_size int
problems_LV1 int
problems_bunch_X int
task_status bool
MON_PN_IRED_DAT
MON_PN_RED_DAT
MON_PN_GREEN_DAT
MON_PN_BLUE_DAT
iov_id int
logic_id int (PN diode)
adc_mean_g1 float
adc_rms_g1 float
adc_mean_g16 float
adc_rms_g16 float
ped_mean_g1 float
ped_rms_g1 float
ped_mean_g16 float
ped_rms_g16 float
task_status bool
MON_PN_PED_DAT
iov_id int
logic_id int (PN diode)
ped_mean_g1 float
ped_rms_g1 float
ped_mean_g16 float
ped_rms_g16 float
task_status bool
MON_PN_MGPA_DAT
iov_id int
logic_id int (PN diode)
adc_mean_g1 float
adc_rms_g1 float
adc_mean_g16 float
adc_rms_g16 float
ped_mean_g1 float
ped_rms_g1 float
ped_mean_g16 float
ped_rms_g16 float
task_status bool
MON_H4_TABLE_POSITION_DAT
iov_id int
logic_id int (SM)
table_x float
table_y float