12. MSL

Table Name	Column Name	Column Comment
MS2F_Section	ms2f_id	
	section_id	Unique number generated by system to identify section. This is done because of the physical subsection/0 section problems. In adding new sections, deleting sections or changing sections don't want to have to ripple up
	run_number	
	run_date_time	
	average_mag_susc	
	core_temperature	
	probe_temperature	
MS2F_Section_Data	ms2f_id	
	ms2f_top_interval	
	ms2f_bottom_interval	
	meas_susceptibility_mean	
	drift_corr_susceptibility	
	actual_daq_period	
	offset	
MSL_Ctrl_1	msl_ctrl_1_id	Unique Oracle generated sequence identifier for Magnetic Susceptibility (MSL)control-1 runs
	run_number	number identifying a run generated by the Labview Data acquisition software. This number is not used to identify the run in Janus because it may not be unique.
	run_date_time	the date and time of a run
	core_status	Indicates is a full or half (split) core is being analyzed. Valid values are half or full.
	liner_status	Records if a core liner was used, a split liner or no liner. Valid values are none, half and full.
	requested_daq_interval	the data acquisition interval requested for section analysis in cm
	req_daqs_per_sample	The requested number of data acquisitions taken per sample interval
	standard_id	identifier for a physical properties standard
	bkgd_susceptibility	A measurement of the background susceptilibity associated with a sample measurement.
	bkgd_elapsed_zero_time	for a Susceptibility measurement.
	core_temperature	temperature of the core in degrees celsius
	loop_temperature	temperature of a susceptibility loop in degrees C
MSL_Ctrl_1_Data	msl_ctrl_1_id	Unique Oracle generated sequence identifier for Magnetic Susceptibility (MSL)control-1 runs
	mst_top_interval	The top interval of a measurement in meters measured from the top of a section
	mst_bottom_interval	the bottom interval of a measurement in meters measured from the top of a section
	meas_susceptibility_mean	The measured susceptibility value in unitless volume susceptibility.
	sample_elapsed_zero_time	Elapsed time for measurement (for drift correction)
	actual_daq_period	The actual data acquisition period used for measurements, in seconds
	core_diameter	Diameter of core in cm
MSL_Ctrl_3	msl_ctrl_3_id	Unique Oracle generated sequence identifier for magnetic susceptibility (MSL) control-3 runs

	run_number	number identifying a run generated by the Labview Data acquisition software. This number is not used to identify the run in Janus because it may not be unique.
	run_date_time	the date and time of a run
	req_daqs_per_sample	The requested number of data acquisitions taken per sample interval
	standard_id	identifier for a physical properties standard
	bkgd_susceptibility	A measurement of the background susceptilibity associated with a sample measurement.
	bkgd_elapsed_zero_time	for a Susceptibility measurement.
	core_temperature	temperature of the core in degrees celsius
	loop_temperature	temperature of a susceptibility loop in degrees C
	meas_susceptibility_mean	The measured susceptibility value in unitless volume susceptibility.
	sample_elapsed_zero_time	Elapsed time for measurement (for drift correction)
	actual_daq_period	The actual data acquisition period used for measurements, in seconds
MSL_Section	msl_id	machine generated sequence identifier for sections analyzed by the MST susceptibility loop. An oracle identifer is used rather than the labview generated run number because the labview number may not be unique.
	section_id	Unique number generated by system to identify section. This is done because of the physical subsection/0 section problems. In adding new sections, deleting sections or changing sections don't want to have to ripple up
	run_number	number identifying a run generated by the Labview Data acquisition software. This number is not used to identify the run in Janus because it may not be unique.
	run_date_time	the date and time of a run
	core_status	Indicates is a full or half (split) core is being analyzed. Valid values are half or full.
	liner_status	Records if a core liner was used, a split liner or no liner. Valid values are none, half and full.
	requested_daq_interval	the data acquisition interval requested for section analysis in cm
	req_daqs_per_sample	The requested number of data acquisitions taken per sample interval
	bkgd_susceptibility	A measurement of the background susceptilibity associated with a sample measurement.
	bkgd_elapsed_zero_time	for a Susceptibility measurement.
	core_temperature	temperature of the core in degrees celsius
	loop_temperature	temperature of a susceptibility loop in degrees C
	mst_msl_ctrl_3_id	a nul role on the msl_ctrl_1_id attribute. This is needed because the data file is loaded before the control-3 run, so the msl_ctrl_3_id is not known.
MSL_Section_Data	msl_id	machine generated sequence identifier for sections analyzed by the MST susceptibility loop. An oracle identifer is used rather than the labview generated run number because the labview number may not be unique.
	mst_top_interval	The top interval of a measurement in meters measured from the top of a section
	mst_bottom_interval	the bottom interval of a measurement in meters measured from the top of a section
	meas_susceptibility_mean	The measured susceptibility value in unitless volume susceptibility.
	sample_elapsed_zero_time	Elapsed time for measurement (for drift correction)
	actual_daq_period	The actual data acquisition period used for measurements, in seconds
	core_diameter	Diameter of core in cm
MSLL_Section	msll_id	

	section_id	Unique number generated by system to identify section. This is done because of the physical subsection/0 section problems. In adding new sections, deleting sections or changing sections don't want to have to ripple up
	run_number	
	run_date_time	
	integration_time_s	
	number_cycles	
MSLL_Section_Data	msll_id	
	msll_top_interval	
	system_id	identifier for a system of equipment on the ship
	msll_bottom_interval	
	meas_susceptibility_mean	
	lims_component_id	identifies the loop used in each system
	freq_normalization_factor	to correct raw data produced by the modified sensor loops
Section	section_id	Unique number generated by system to identify section. This is done because of the physical subsection/0 section problems. In adding new sections, deleting sections or changing sections don't want to have to ripple up
	section_number	Section number. If n regular sections then core catcher is section n+1
	section_type	Used to differentiate sections of core (S)from core catchers (C). Previously core catchers were stored as section number CC, but in Janus core catchers are given the next sequential number from the last section recovere
	curated_length	The length of the nth core section in cm sent to the repository. This may be different than the liner length for the same section. Hard rock cores will often have spacers added to prevent rock pieces from damaging each
	liner_length	The length in cm to which the liner of the nth core section is cut.
	core_catcher_stored_in	Sometimes the core catcher is stored in a D tube with a section. core_catcher_stored_in contains the section number of the D tube that holds the core catcher.
	section_comments	Comments on this section
	leg	Number identifying the cruise for which data was entered into the database. Defaults.leg is the current leg for the ship-based version of the Janus application, this value populates the read-only Leg field during the in
	site	Number identifying the site from which the core was retrieved. A site is the position of a beacon around which holes are drilled. Defaults.site is the current site for the ship-based version of the Janus app. and will p
	hole	Letter identifying the hole at a site from which a core was retrieved or data was collected. Defaults.hole is the current hole for the ship-based version of the Janus app. and will populate the hole field when screens a
	Core	Sequential numbers identifying the cores retrived from a particular hole. Cores are generally 9.5 meters in length, and are numbered serially from the top of the hole downward.
	core_type	A letter code identifying the drill bit/coring method used to retrieve the core. The coretype is only reported in the post-leg113 processed data file.
System_Type	system_id	identifier for a system of equipment on the ship

	system_comments	comments associated with a piece of analytical equipment
	system_commissioned	the date that a piece of equipment started to be used to collect scientific data for Janus
	system_decommissioned	the date that a piece of analytical equipment was no longer used by ODP to analyzed samples for scientific data.
	system_model_number	The model number of an piece of equipment used for scientific analysis
	system_name	The name for a piece of equipment used for analysis in Janus