

14. Paleomag			
Table Name	Column Name	Column Comment	
Leg	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	
	description_of_area	General description of the area where the sites are located	
	objective	General objectives and accomplishments of leg	
	ops_area	Operating area for leg	
	total_miles_transited	Total miles transited during leg	
	total_miles_surveyed	Total miles surveyed during leg	
	average_speed_transit	Average transit speed for cruise	
	average_speed_survey	Average speed during suveryys done on leg	
	reentry_count	Number of hole reentries performed during Leg	
	datetime	Generic date/time. Often used for keys when multiple comments, etc can be entered.	
	PMAG_Calib	pmag_calib_date_time	The time that the SQUIDS on the magnetometer were calibrated or replaced.
		pmag_calib_x	This converts quantum flux to emu (emu/flux quantum units) in the x direction.
		pmag_calib_y	this converts quantum flux to emu (emu/flux quantum units) in the y direction.
pmag_calib_z		this converts quantum flux to emu (emu/flux quantum units) in the z direction	
pmag_response_x		SQUID response length in the x direction, in cm ³	
pmag_response_y		SQUID response length in the y direction, in cm ³	
PMAG_Demag_Type	pmag_response_z	SQUID response length in the z direction, in cm ³	
	pmag_demag_id		
	pmag_demag_type		
PMAG_Run	pmag_demag_comment		
	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	
	pmag_run_num	The labview generated run number for a paleomag run. Should be unique for a leg.	
	pmag_comment	Renamed from pmag_alternate_treatment to pmag_comment, Jan. 30, 2003	
	pmag_core_length	The pmag core length does not have to match the curated length of the section.	
	pmag_core_status	the type of section measured, whole, archive half or working half.	
	pmag_demag_x_flag		
	pmag_demag_y_flag		
	pmag_demag_z_flag		
	pmag_drift_bkgd_1_time	Time of first background measurement, will usually be zero, in milliseconds	
	pmag_drift_bkgd_1_x	the moment of background x, in Amp m ²	
	pmag_drift_bkgd_1_y	the moment of background y, in Amp m ²	
	pmag_drift_bkgd_1_z	the moment of background z, in Amp m ²	
	pmag_drift_bkgd_2_time	The time that the second background measurement was taken, in milliseconds	

	pmag_drift_bkgd_2_x	The moment of the second background in the x direction, in Amp m ²
	pmag_drift_bkgd_2_y	the moment of the second background measurement in the y direction, in Amp m ²
	pmag_drift_bkgd_2_z	the moment of the second background measurement in the z direction, in Amp m ²
	pmag_drift_corr_flag	indicator that there is a drift correction
	pmag_meas_type	defines if the measurement was taken on a section or a discrete sample of cored material.
	pmag_num_daqs_sample	
	pmag_req_daqs_interval	
	pmag_run_date_time	
	pmag_tray_corr_flag	
	pmag_tray_date_time	
	pmag_calib_date_time	The time that the SQUIDS on the magnetometer were calibrated or replaced.
	system_id	identifier for a system of equipment on the ship
PMAG_Run_Data	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
	pmag_run_num	The labview generated run number for a paleomag run. Should be unique for a leg.
	pmag_top_interval	the depth, relative to the top of the section, at which the measurement is taken (meters). This depth extends 15 cm before and after the section for the header and trailer measurements.
	pmag_bottom_interval	the depth, relative to the top of the section, at which the measurement is taken (meters). This depth extends 15 cm before and after the section for the header and trailer measurements.
	pmag_core_diam	the diameter of the core at the pmag measurement position (in centimeters) - relevant only for CONTINUOUS measurement.
	pmag_corr_intensity_x	Intensity in the x direction that has been corrected for background and/or tray correction. Unit is amp/m
	pmag_corr_intensity_y	The intensity in the y direction corrected for background and/or tray correction. The unit is amp/m
	pmag_corr_intensity_z	intensity in the z direction that has been corrected for background and/or tray correction. The unit is amp/m
	pmag_corr_moment_x	Intensity times volume, in Amp m ²
	pmag_corr_moment_y	intensity times volume in the y direction, in Amp*m ²
	pmag_corr_moment_z	Intensity times volume in the z direction, in Amp m ²
	pmag_data_type	the values LEADER and TRAILER are valid only for continuous measurements.
	pmag_sample_time	for drift correction, in milliseconds
	pmag_uncorr_moment_x_mean	the mean of the uncorrected moment in the x direction, not corrected for tray and/or background, in Amp m ²
	pmag_uncorr_moment_x_sd	standard deviation of the uncorrected moment in the x direction
	pmag_uncorr_moment_y_mean	The mean of the uncorrected moment in the y direction, not corrected for tray and/or background, in Amp m ²
	pmag_uncorr_moment_y_sd	the standard deviation of the uncorrected moment in the y direction

	pmag_uncorr_moment_z_mean	The mean of the uncorrected moment in the z-direction, not corrected for background and/or tray measurement. In Amp m ²
	pmag_uncorr_moment_z_sd	standard deviation of the uncorrect moment in the z direction
PMAG_Section_Data	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
	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
	pmag_run_num	The labview generated run number for a paleomag run. Should be unique for a leg.
	pmag_top_interval	
	pmag_treatment_id	Added Nov. 22, 2002
	pmag_treatment_bias	Values expected for ARM between 0.000 to 1.000 mT, and for IRM between 1.0 to 3000.0 mT.
	pmag_treatment_demag	Values expected between 0.0 to 9999.9 mT.
	pmag_demag_id	Added Nov. 22, 2002
	pmag_demag_level	the level of demagnetization in milliteslas (mT) if AF or deg. C. if thermal
	pmag_sample_id	Unique id attached to a sample - Allows multiple samples to be taken with same top and bottom interval
	pmag_sam_location	Code that indicates the site where the Janus application is exercised. Values are SHI(ship), GCR (Gulf Coast Repository), ECR (East Coast Repository, WCR (West Coast Repository) and BRE (Bremen repository). Used primari
	pmag_bottom_interval	the depth, relative to the top of the section, at which the measurement is taken (meters). This depth extends 15 cm before and after the section for the header and trailer measurements.
	pmag_declination	orientation of the magnetic field of the sample (the field acquired at the time of the rock formation), the angle between geographic north and the magnetic field direction (the magnetic azimuth)
	pmag_inclination	orientation of the magnetic field of the sample (the field acquired at the time of the rock formation), and angle between the horizontal and the field direction measured positive downward.
	pmag_intensity	intensity of the paleomag measurement, in Amps/m
PMAG_Treatment_Type	pmag_treatment_id	
	pmag_treatment_type	
	pmag_treatment_comment	
Sample	sample_id	Unique id attached to a sample - Allows multiple samples to be taken with same top and bottom interval
	location	Code that indicates the site where the Janus application is exercised. Values are SHI(ship), GCR (Gulf Coast Repository), ECR (East Coast Repository, WCR (West Coast Repository) and BRE (Bremen repository). Used primari

	s_c_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
	s_c_sampling_code	Code used to identify the classify for whom the sample was taken.
	sam_archive_working	same as archive_working but allowed to be null for the sample application
	top_interval	Distance in meters from the top of the section to the top of the sample. Although 150 cm is generally the length of the sections, an additional 50 cm is allowed to account for core expansion or dividers used with hard r
	bottom_interval	Distance in meters from the top of the section to the bottom of the sample. The value is stored in the database as meters, but usually appears in the Janus application as centimeters.
	piece	Additional identifier for hard rock samples. Each individual piece of rock within a section is numbered consecutively starting at the top of the section.
	sub_piece	Additional identifier for hard rock samples. When a piece is broken, the individual fragments are given consecutive letter designations. Note that subpiece assignments must be made in conjunction with piece numbers.
	beaker_id	The number on the moisture density beaker, such as "P267" or "A11344". This value is entered on the sample table and the beaker_id is associated to the sample.
	volume	Volume of sample
	entered_by	Indicates who entered the row into the database
	sample_depth	depth of the sample
	sample_comment	A comment about the sample
	sam_repository	Repository where sample is stored.
	sam_sample_code_lab	Code to indicate the shipboard lab that will perform the initial analysis.
	sam_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
	timestamp	CHAR(18)
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
	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 retrieved 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.
	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 recovered
	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
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 analyze samples for scientific data.
	system_model_number	The model number of a piece of equipment used for scientific analysis
	system_name	The name for a piece of equipment used for analysis in Janus