

11. P-Wave		
Table Name	Column Name	Column Comment
Physical_Properties_Standard	standard_id	identifier for a physical properties standard
	standard_name	Name of a physical properties standard
	standard_set_name	The name for a set of physical properties standards
	date_time_commissioned	The date that a physical properties standard went into use
	date_time_decommissioned	The date that a physical properties standard discontinues being used.
	lot_serial_number	Information concerning the lot and/or serial number associated with a physical properties standard
Physical_Properties_Std_Data	comments	General comments
	standard_id	identifier for a physical properties standard
	property_name	A property associated with a physical properties standard, for example "material" or "density".
	property_description	A description of a property associated with a physical properties sample.
	property_value	The value of a property associated with a physical properties standard
PWL_Calib_Delay_Data	property_units	The units associated with a property for a physical properties sample
	pwl_calibration_id	
	standard_id	identifier for a physical properties standard
	calib_delay_id	
	meas_length	
	meas_time	
PWL_Calib_Dist_Data	meas_signal	
	daq_stack	
	pwl_calibration_id	
	standard_id	identifier for a physical properties standard
	calib_dist_id	
PWL_Calibration	meas_length	
	meas_voltage	
	daq_stack	
	pwl_calibration_id	
	calibration_date_time	Time stamp identifying when calibration was done - supplied by instrument data files
	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.
	system_id	identifier for a system of equipment on the ship
	req_daqs_per_sample	The requested number of data acquisitions taken per sample interval
	acoustic_signal_threshold	The strength of the acoustic signal for a velocity measurement. Valid values 0 -255. This was changed from N(3) to N(4,3) by Bill Mills in Feb. 2000 because of PWL hardware upgrade.
	pwl_frequency	Frequency of p-wave transducers, in Khz
	pulse_time_correction	In microseconds

	separation_m0	in mm
	separation_m1	in mm/byte
	separation_mse	mean_squared_error
	delay_m0	
	delay_1_over_m1	linear regression in m/s. Returns velocity of the standard. Changed name from delay_1_m1 to delay_1_over_m1, Dec. 2000.
	delay_mse	mean squared error
	comments	General comments
PWL_Calibration_Data	pwl_calibration_id	
	standard_id	identifier for a physical properties standard
	standard_length	length of the standard in mm
	meas_separation_mean	The average measured separation of a pair of transducers. Valid values 0-255
	meas_separation_sd	The standard deviation of the measured separation for a pair of transducers.
	meas_time_mean	The average time measured for a signal to travel between transducer for a velocity measurement, in s.
	meas_time_sd	The standard deviation of the measured time for a signal to travel between a pair of transducers, in s.
	acoustic_signal_mean	The mean value of the acoustic signal from a velocity measurement. Valid values 0-255 in bytes
	attempted_daqs	the number of attempted data acquisitions
	valid_daqs	The number of valid data acquisitions from those attempted
PWL_Section	pwl_id	Unique system-generated identifier for pwl sections. This is needed because it is possible that the combination of section_id and run 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
	system_id	identifier for a system of equipment on the ship
	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.
	liner_correction	Y or N if liner correction used
	liner_standard_id	a nullable role of the standard id attribute used for the liner.
	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
	pwl_calibration_id	
	acoustic_signal_threshold	The strength of the acoustic signal for a velocity measurement. Valid values 0 -255. This was changed from N(3) to N(4,3) by Bill Mills in Feb. 2000 because of PWL hardware upgrade.

	core_temperature	temperature of the core in degrees celsius
	mst_pwl_ctrl_3_id	machine generated identifier for pwl control_3 runs. This attribute is a nullable role of the pwl_ctrl_3_id attribute, because there may not be a control-3 run associated with a section.
PWL_Section_Data	pwl_id	Unique system-generated identifier for pwl sections. This is needed because it is possible that the combination of section_id and run 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_separation_mean	The average measured separation of a pair of transducers. Valid values 0-255. Changed to N(6,3) in August 2000 because of a change in the data acquisition code.
	meas_separation_sd	The standard deviation of the measured separation for a pair of transducers.
	meas_time_mean	The average time measured for a signal to travel between transducer for a velocity measurement, in s.
	meas_time_sd	The standard deviation of the measured time for a signal to travel between a pair of transducers, in s.
	acoustic_signal_mean	The mean value of the acoustic signal from a velocity measurement. Valid values 0-255 in bytes - changed to N(6,3) in August 2000 because of a change in the data acquisition code.
	attempted_daqs	the number of attempted data acquisitions
	valid_daqs	The number of valid data acquisitions from those attempted
Section	liner_thickness	thickness of the liner in mm. If liner correction = No then this value is set to zero.
	pwl_velocity	CHAR(18)
	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 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