

# Calibration and alignment variables, part 1

parameter	source	sim	rec	nr	size	total MB	update freq.
- position of supermodule (cm,deg)	survey	OK	OK	18x6	float	0.0004	year
- position of chamber (cm,deg)	analysis of 1e5 pp events	OK	OK	540x6	float	0.012	hour
- pad drift velocity factor	analysis of 1e8 pp events	OK	OK	1.2e6	ushort	2.3	year
- pad T0 (timebin)	analysis of 1e8 pp events	OK	OK	1.2e6	ushort	2.3	year
- pad gain factor	analysis of 1e8 pp events	OK	OK	1.2e6	ushort	2.3	year
- pad resp. funct. width (pad)	analysis of 1e8 pp events	OK	?	1.2e6	ushort	2.3	year
- chamber drift vel. (cm/timebin)	analysis of 1e5 pp events	OK	OK	540	float	0.0021	hour
- chamber drift T0 (timebin)	analysis of 1e5 pp events	OK	OK	540	float	0.0021	hour
- chamber gain	analysis of 1e5 pp events	OK	OK	540	float	0.0021	hour
- dedx histogram	offline analysis or sim.	--	OK	55	hist	0.052	year
- max timebin histograms	offline analysis or sim.	--	OK	55	hist	0.052	year
- clock frequency (MHz)	DCS Config DB	OK	OK	1	float	0	run
- number of timebins	DCS Config DB	OK	OK	1	int	0	run
- status byte of superm.	DCS Config DB	con	--	18	char	0	run
- status byte of chamber	DCS Config DB	OK	?	540	char	0.00051	run
- status byte of MCM	DCS Config DB	OK	?	6.7e4	char	0.064	run
- status byte of pad	DCS Config DB	OK	?	1.2e6	char	1.1	run
- FEE gain correction	DCS Config DB	--	--	1.2e6	ushort	2.3	run
- ADC thresholds	DCS Config DB	--	--	6.7e4	char	0.064	run

# Calibration and alignment variables, part 2

parameter	source	sim rec	nr	size	total MB	update freq.
- pretrigger information	DCS Archive DB	-- --	1024	char	0.001	run
- goofy: HV	DCS Archive DB	-- --	1	float	0	minute
- goofy: peak1 pos	DCS Archive DB	-- --	1	float	0	minute
- goofy: peak2 pos	DCS Archive DB	-- --	1	float	0	minute
- goofy: peak1 area	DCS Archive DB	-- --	1	float	0	minute
- goofy: peak2 area	DCS Archive DB	-- --	1	float	0	minute
- goofy: temp1	DCS Archive DB	-- --	1	float	0	minute
- goofy: temp2	DCS Archive DB	-- --	1	float	0	minute
- goofy: pressure	DCS Archive DB	-- --	1	float	0	minute
- goofy: velocity	DCS Archive DB	-- ?	1	float	0	minute
- goofy: gain1	DCS Archive DB	-- --	1	float	0	minute
- goofy: gain2	DCS Archive DB	-- --	1	float	0	minute
- goofy: CO2	DCS Archive DB	-- --	1	float	0	minute
- goofy: N2	DCS Archive DB	-- --	1	float	0	minute
- environment temperature	DCS Archive DB	-- --	18x4	float	0.00027	minute
- chamber anode currents	DCS Archive DB	-- --	1080	float	0.0041	minute
- chamber drift currents	DCS Archive DB	-- --	1080	float	0.0041	minute
- chamber anode voltages	DCS Archive DB	-- --	1080	float	0.0041	minute
- chamber drift voltages	DCS Archive DB	-- --	1080	float	0.0041	minute
- low voltage voltage	DCS Archive DB	-- --	180	float	0.00069	minute
- low voltage current	DCS Archive DB	-- --	180	float	0.00069	minute
- atmospheric pressure	DCS Archive DB	-- --	1	float	0	minute
- luminosity	DCS Archive DB	-- --	1	float	0	minute
- magnetic field	DCS Archive DB	con con	1	float	0	minute
- O2 content in gas	DCS Archive DB	-- --	1	float	0	minute
- chamber gas overpressure	DCS Archive DB	-- --	1	float	0	minute
total					12.8 MB	