

## TD-Internal Technical Notes

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00/02/01	TD-00-002	Proposed Reference Harmonics Table Version 3.0 for the Fermilab LHC IR Quadrupoles (MQXB)	J. Strait
00/02/01	TD-00-003	LHC IR Quadrupole Short Coil Curing Cycle - One Step	R. Bossert, D. Chichili, I. Novitski
00/02/01	TD-00-004	LHC IR Quadrupole Short Coil Curing Cycle - Two Step	F. Nobrega
00/02/01	TD-00-005	LHC IR Quadrupole Long Coil Curing Cycle - Two Step	R. Bossert, D. Chichili, I. Novitski, F. Nobrega
00/02/01	TD-00-006	LHC Interaction Region Quadrupole Bus-Bars, Test Series 2	P. Bauer, L. Chiesa, S. Feher, M. Lamm,
00/02/04	TD-00-007	Notes on HGQ Conductor Stability	P. Bauer, G. Sabbi, A. Ghosh
00/02/09	TD-00-013	HGQ09 Production Report	F. Nobrega
00/02/28	TD-00-018	Beam Gauge Studies for the HGQ Model Magnets	S. Yadav
00/03/13	TD-00-019	LHC Interaction Region Quadrupole Bus-Bars, Test Series 3	P. Bauer, L. Chiesa, S. Feher, M. Lamm, A. Zlobin
00/03/14	TD-00-021	LHC IR Quadrupole High Potting Test	R. Bossert
00/03/24	TD-00-023	Reference Harmonics Table Version 3.1 for the Fermilab LHC IR Quadrupole (MQXB)	J. Strait
00/03/24	TD-00-024	Comparison of Reference Harmonics Tables for the KEK (MQXA) and Fermilab (MQXB) LHC IR Quadrupoles	J. Strait
00/04/06	TD-00-025	MQXB Longitudinal Weld Analysis: Part I	D. Chichili, J. Kerby
00/05/18	TD-00-033	Effect of Filament Size on Heat Treatment of Nb3Sn	E. Barzi
00/05/18	TD-00-034	Heat Treatment Optimization of Internal Tin Nb3Sn	E. Barzi
00/05/18	TD-00-035	Trip Report to NEEW in Lisbon, NH	E. Barzi
00/06/08	TD-00-038	2D Mechanical Analysis of the Coil Package of the 1st FNAL Nb3Sn Common Coil Dipole for Two Possible Outer Coil Configurations	P. Bauer, G. Ambrosio, I. Novitski, N. Andreev
00/06/20	TD-00-040	Test Fixture for Mechanical 10-Stack Measurements for the Common Coil Dipole Magnet	P. Bauer, K. Ewald, N. Andreev, I. Novitski, D. Chichili, J. Ozelis
00/08/21	TD-00-050	Estimation of the Peak Voltage to Ground for MQXB Under Normal Operating Conditions	M. Lamm, L. Chiesa
00/08/21	TD-00-051	Injection Field of MQXB Magnets	P. Schlabach
00/09/13	TD-00-052	Field Errors of HGG Model Magnets	P. Schlabach
00/09/13	TD-00-053	Magnetic Field Measurements of HGQ009 -- Test Summary Report	P. Bauer, J. DiMarco, H. Glass, V. Kashikhin, G. Sabbi, P. Schlabach, G. Velev
00/09/18	TD-00-054	Minimum Quench Energies of NbTi and Nb3Sn Cables	S-W Kim

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00/09/18	TD-00-057	Quench Protection of the One Layer Common Coil Study Magnet	L. Imbasciati
00/09/21	TD-00-058	IR Corrector Studies	J. Strait
00/09/26	TD-00-060	Short Magnet R&D Report	J. Kerby, M. Lamm