



Fermilab

TS-SSC-91-093

May 21, 1991

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From: Masayoshi Wake
Subject: 50mm Short Coils Update

The short 50mm dipole coils have different features accidentally or intentionally. They are summerized in the attatched table to date.

coil number	conductor	remarks	usage
1M-50-101	51-458	no spacer	DSA320L
1M-50-102	51-458	no spacer/backward wind	DSA320U
1M-50-103	3-I-021	5 mil shim /no spacer	cut model
1M-50-104	3-I-021	low pressure cure	DSA321L
1M-50-105	3-I-021		DSA321U
1M-50-107	3-I-021	increased end pressure	DSA322U
1M-50-108	3-I-021	increased end pressure	DSA322L
1M-50-109	3-S-00021	high end pressure	damaged
1M-50-110	3-S-00021	increased end pressure	DSA323U
1M-50-113	3-S-00021		DSA323L
1M-50-114	3-S-00021		DSA324L
1M-50-115	3-S-00021		DSA324U
1M-50-116	3-S-00021	shorted in 325	DSA325L
1M-50-117	3-S-00021		DSA325U
1M-50-118	3-S-00021	+5mil by shim	DSA326
1M-50-119	practice "F"		DSA327
1M-50-120	practice "F"		DSA327
1M-50-121	3-S-00021		DSA326
1M-50-122	3-S-00026		
1M-50-201	practice "C"	no spacer	DSA320L
1M-50-202	practice "C"	no spacer/flipped wedge	cut model
1M-50-203	practice "C"	5 mil sim	sizing test
1M-50-204	practice "C"		DSA320U
1M-50-205	4-I-00030	short in turn 13-14	DSA321fail
1M-50-206	4-I-00030		DSA321L
1M-50-208	4-I-00029	slow cooling/end cylinder off	DSA321U
1M-50-209	4-I-00029	increased end pressure	DSA322U
1M-50-210	4-I-00029	increased end pressure	DSA322L
1M-50-211	4-I-00029	increased end pressure	reserved
1M-50-214	4-I-00025	normal cure/flipped wedge	pulse test?
1M-50-215	4-I-00025		DSA323L
1M-50-216	4-I-00025		DSA323U
1M-50-217	4-I-00025		DSA324U
1M-50-218	4-I-00025		DSA324L
1M-50-219	4-I-00025	-5mil by new key	DSA325L
1M-50-220	4-I-00025		DSA325U
1M-50-221	61-457	-3mil by new bar	DSA327U
1M-50-222	61-457	flipped saddle	gage calibration
1M-50-223	61-457		DSA327L
		-7+4 mil by bar and shim	DSA326