

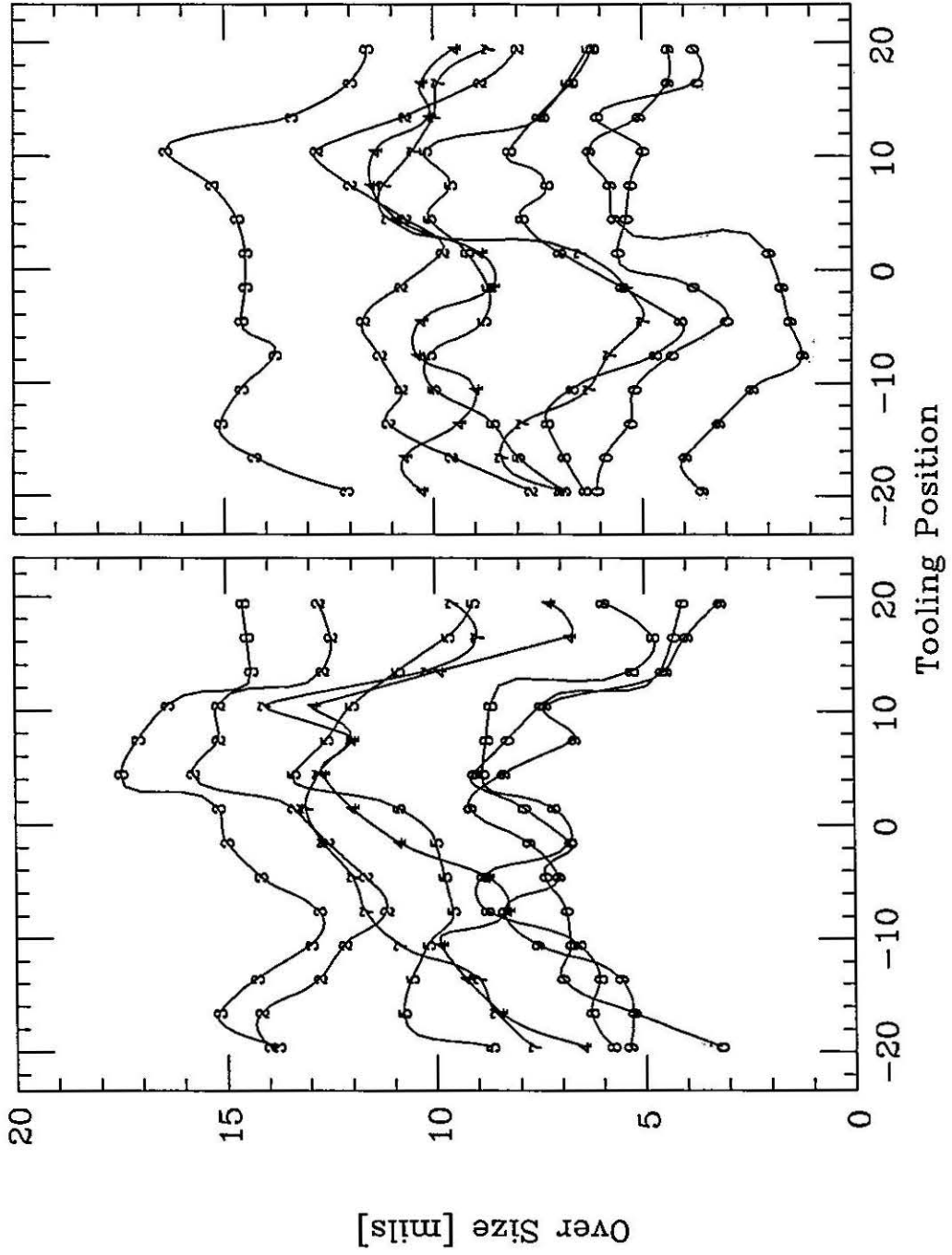
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 From: Masayoshi Wake
 Subject: 50mm Coils

The first series of short 50mm dipole coils have different features accidentally or intentionally. They are summarized as follows. Since the main purpose of DSA323 is to reproduce the performance of DSA321, those coils which had considerably different characteristics due to curing experiments will not be used in DSA323 but kept for DSA234. Decision for the-coil usage will be made after the coil is sized.

coil number	conductor	remarks	usage
1M-50-101	51-458	no spacer	DSA320
1M-50-102	51-458	no spacer/back wind	DSA320
1M-50-103	3-I-021	5 mil shim /no spacer	cut model
1M-50-104	3-I-021	low pressure cure	DSA321
1M-50-105	3-I-021		DSA321
1M-50-107	3-I-021	increased end pressure	DSA322
1M-50-108	3-I-021	increased end pressure	DSA322
1M-50-109	3-S-00021	high end pressure	damaged
1M-50-110	3-S-00021	increased end pressure	DSA323?
1M-50-113	3-S-00021	DSA321 follower	DSA323?
1M-50-114	3-S-00021	DSA321 follower	DSA323?
1M-50-201	practice "C"	no spacer	DSA320
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"		DSA320
1M-50-205	4-I-00030	short in turn 13-14	DSA321fail
1M-50-206	4-I-00030		DSA321
1M-50-208	4-I-00029	slow cooling/end cylinder off	DSA321
1M-50-209	4-I-00029	increased end pressure	DSA322
1M-50-210	4-I-00029	increased end pressure	DSA322
1M-50-211	4-I-00029	increased end pressure	DSA323?
1M-50-214	4-I-00025	normal cure/flipped wedge	pulse test?
1M-50-215	4-I-00025	DSA321 follower	DSA323?
1M-50-216	4-I-00025	DSA321 follower	DSA323?

Inner Coils @ 12 ksi



Outer Coils @ 12 ksi

