

MFS SECURITY MASTER FILE					Detail
AUTOROUTE ID 02112198					Record Length 270
Description	Length	Start	End	Type	Comments
Future Use	1	1	1	A/N	Space
CUSIP	9	2	10	A/N	S&P Assigned
When Issued Indicator	1	11	11	A/N	Always = Space
Foreign Indicator	1	12	12	A/N	Always = Space
Exchange Indicator	1	13	13	A/N	Always = Space
Future Use	13	14	26	A/N	Spaces
Security Symbol	15	27	41	A/N	Trading Symbol
Security Description	60	42	101	A/N	
Last Activity Indicator	1	102	102	A/N	A = Add C = Change
Fund Distributor	4	103	106	A/N	Always = Space
Fund Distributed Buy Indicator	1	107	107	A/N	Always = Space
Fund Distributed Sell Indicator	1	108	108	A/N	Always = Space
Fund Processor Buy Indicator	1	109	109	A/N	Always = Space
Fund Processor Sell Indicator	1	110	110	A/N	Always = Space
Fund Processor	4	111	114	A/N	Always = Spaces
Settling Agent	4	115	118	N	Always = Zeroes
Status Indicator	1	119	119	N	1 = Active 2 = Full Suspense 3 = Partial Suspense 4 = Release 5 = Changed and Released
Status Date	8	120	127	A/N	CCYYMMDD
Date Admitted Trading	8	128	135	A/N	CCYYMMDD
Last Activity Date	8	136	143	A/N	CCYYMMDD
Settlement Date	8	144	151	A/N	CCYYMMDD
Depository Indicator	1	152	152	A/N	Always = Space
When Issued Indicator	1	153	153	A/N	Always = Space
Current Net Asset Value	12	154	165	N	999,999.999999 (Always = Zeroes)
Previous Net Asset Value	12	166	177	N	999,999.999999 (Always = Zeroes)
Current Net Asset Date	8	178	185	A/N	CCYYMMDD (Always = Zeroes)
Settling Agent Buy Indicator	1	186	186	A/N	Always = Space
Settling Agent Sell Indicator	1	187	187	A/N	Always = Space
Future Use	4	188	191	A/N	Spaces
Settling Agent Date	8	192	199	A/N	Always = Zeroes
Future Use	6	200	205	A/N	Spaces
Fund Processor Date	8	206	213	A/N	Always = Zeroes
Future Use	4	214	217	A/N	Spaces

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Previous Settling Agent	4	218	221	A/N	Always = Zeroes
Future Use	4	222	225	A/N	Spaces
Previous Fund Processor	4	226	229	A/N	Always = Zeroes
Distribution Type	2	230	231	N	00 = Not Applicable 01 = Monthly 02 = Quarterly 03 = Semi Annual 04 = Annual
ACATS Eligibility Indicator	1	232	232	A/N	0 = Not Applicable 1 = ACATS Eligible
Future Use	26	233	258	A/N	Spaces
CNS Date	8	259	266	A/N	Always = Spaces
CNS Indicator	1	267	267	A/N	Always = 0
Future Use	3	268	270	A/N	Spaces
					END OF RECORD