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PIONEER HIGH INCOME TRUST

Form NSAR-B

May 30, 2007

PAGE 1
000 B000000 03/31/2007
000 C000000 1166258
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
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011 A000001 MERRILL LYNCH & CO.
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PAGE 2
011 C020001 NY
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011 A000002 UBS WARBURG
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011 C010002 STAMFORD

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011 A000006 MCDONALD INVESTMENTS INC.
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012 A000003 DEUTSCHE BANK TRUST COMPANY AMERICAS (PREF.)
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022 B000004 13-3224016
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PAGE 6

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SIGNATURE	MARY KELLERMANN	
TITLE	ACCOUNTING MANAGER	