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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
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011 A000002 UBS WARBURG
011 B000002 8-022651
011 C010002 STAMFORD

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 011 A000004 ADVEST, INC.
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 012 A000002 AMERICAN STOCK TRANSFER & TRUST COMPANY
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 013 A000001 ERNST & YOUNG LLP
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SIGNATURE	MARY KELLERMANN	
TITLE	ACCOUNTING MANAGER	