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PIONEER HIGH INCOME TRUST

Form NSAR-A

November 29, 2007

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000 A000000 09/30/2007
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 C010002 STAMFORD

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011 A000007 STIFEL, NICOLAUS & CO., INC.
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012 A000001 PIONEER INV. MANGMT. SHAREHOLDER SERV, INC.
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SIGNATURE	MARY KELLERMANN	
TITLE	ACCOUNTING MANAGER	