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Pioneer Diversified High Income Trust
Form NSAR-A
December 27, 2013

PAGE 1
000 A000000 10/31/2013
000 C000000 0001388126
000 D000000 N
000 E000000 NF
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000 G000000 N
000 H000000 N
000 I000000 6.1
000 J000000 A
001 A000000 PIONEER DIVERSIFIED HIGH INCOME TRUST
001 B000000 811-22014
001 C000000 6177427825
002 A000000 60 STATE STREET
002 B000000 BOSTON
002 C000000 MA
002 D010000 02109
003 000000 N
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007 C010200 2
007 C010300 3
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007 C010500 5
007 C010600 6
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007 C010900 9
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008 A000001 PIONEER INVESTMENT MANAGEMENT, INC.
008 B000001 A
008 C000001 801-8255
008 D010001 BOSTON
008 D020001 MA
008 D030001 02109
008 A000002 MONTEPELIER CAPITAL ADVISORS, LTD.
008 B000002 S
008 C000002 801-00000
008 D010002 HAMILTON
008 D050002 BERMUDA
010 A000001 PIONEER INVESTMENT MANAGEMENT, INC.
010 B000001 801-8255
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010 A000002 BROWN BROTHERS HARRIMAN & CO.
010 C010002 BOSTON
010 C020002 MA
PAGE 2
010 C030002 02110
011 A000001 MERRILL LYNCH & CO.
011 B000001 8-7221
011 C010001 NEW YORK
011 C020001 NY
011 C030001 10281

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011 C040001 1201
011 A000002 UBS INVESTMENT BANK
011 B000002 8-022651
011 C010002 STAMFORD
011 C020002 CT
011 C030002 06901
011 A000003 RBC CAPITAL MARKETS CORP.
011 B000003 8-045411
011 C010003 MINNEAPOLIS
011 C020003 MN
011 C030003 55402
011 C040003 4422
011 A000004 ROBERT W. BAIRD & CO.
011 B000004 8-00497
011 C010004 MILWAUKEE
011 C020004 WI
011 C030004 53201
011 C040004 0672
011 A000005 JANNEY MONTGOMERY SCOTT, LLC
011 B000005 8-462
011 C010005 PHILADELPHIA
011 C020005 PA
011 C030005 19103
011 C040005 1675
011 A000006 FERRIS, BAKER WATTS, INC.
011 B000006 8-00000
011 C010006 WASHINGTON
011 C020006 DC
011 C030006 20006
011 A000007 MORGAN KEEGAN & CO., INC.
011 B000007 8-15001
011 C010007 MEMPHIS
011 C020007 TN
011 C030007 38103
012 A000001 PIONEER INVEST. MGT. SHAREHOLDER SVCS., INC.
012 B000001 85-1359
012 C010001 BOSTON
012 C020001 MA
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012 A000002 AMERICAN STOCK TRANSFER & TRUST CO.
012 B000002 85-00000
012 C010002 BROOKLYN
012 C020002 NY
012 C030002 11219
013 A000001 ERNST & YOUNG, LLP
PAGE 3
013 B010001 BOSTON
013 B020001 MA
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015 A000001 BROWN BROTHER HARRIMAN & CO.
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015 C020001 MA
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015 A000002 CITIBANK, N.A., BUENOS AIRES BRANCH
015 B000002 S
015 C010002 BUENOS AIRES
015 D010002 ARGENTINA
015 E040002 X
015 A000003 HSBC BANK AUSTRALIA LIMITED

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015 B000003 S
015 C010003 SYDNEY
015 D010003 AUSTRALIA
015 E040003 X
015 A000004 UNICREDIT BANK AUSTRIA AG
015 B000004 S
015 C010004 VIENNA
015 D010004 AUSTRIA
015 E040004 X
015 A000005 DELETE
015 A000006 EUROCLEAR BANK SA NV
015 B000006 S
015 C010006 BRUSSELS
015 D010006 BELGIUM
015 E040006 X
015 A000007 STANDARD CHARTERED BANK, BANGLADESH BRANCH
015 B000007 S
015 C010007 DHAKA
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015 A000008 CITIBANK, N.A., SAO PAULO BRANCH
015 B000008 S
015 C010008 SAO PAULO
015 D010008 BRAZIL
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015 C010011 SANTIAGO
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015 A000012 STANDARD CHARTERED BANK (CHINA) LIMITED
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015 A000014 UNICREDIT BANK AUSTRIA AG
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015 A000015 CITIBANK EUROPE PLC, ORGANIZACNI SLOZKA
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015 A000017 SKANDINAVISKA ENSKILDA BANKEN AB (PUBL) DAN
015 B000017 S
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015 D010017 DENMARK
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015 A000018 CITIBANK N.A., CAIRO BRANCH
015 B000018 S
015 C010018 CAIRO
015 D010018 EGYPT
015 E040018 X
015 A000019 NORDEA BANK FINLAND PLC
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015 E040019 X
015 A000020 BNP PARIBAS SECURITIES SERVICES
015 B000020 S
015 C010020 PARIS
015 D010020 FRANCE
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015 A000021 BNP PARIBAS SECURITIES SERVICES, FRANKFURT BR
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015 C010021 FRANKFURT
015 D010021 GERMANY
015 E040021 X
PAGE 5
015 A000022 HSBC BANK PLC, ATHENS BRANCH
015 B000022 S
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015 A000023 STANDARD CHARTERED BANK GHANA LTD.
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015 A000024 STANDARD CHARTERED BANK (HONG KONG) LIMITED
015 B000024 S
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015 D010024 HONG KONG
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015 A000025 CITIBANK EUROPE PLC, HUNGARIAN BRANCH
015 B000025 S
015 C010025 BUDAPEST
015 D010025 HUNGARY
015 E040025 X
015 A000026 CITIBANK, N.A.-MUMBAI BRANCH
015 B000026 S
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015 D010026 INDIA
015 E040026 X
015 A000027 CITIBANK, N.A., JAKARTA BRANCH
015 B000027 S
015 C010027 JAKARTA
015 D010027 INDONESIA
015 E040027 X
015 A000028 CITIBANK, N.A., LONDON BRANCH
015 B000028 S
015 C010028 LONDON
015 D010028 IRELAND
015 E040028 X
015 A000029 BANK HAPOALIM BM

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015 B000029 S
015 C010029 TEL AVIV
015 D010029 ISRAEL
015 E040029 X
015 A000030 BNP PARIBAS SECURITIES SERVICES, MILAN BRANCH
015 B000030 S
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015 A000031 SUMITOMO MITSU BANKING CORPORATION
015 B000031 S
015 C010031 TOKYO
015 D010031 JAPAN
015 E040031 X
015 A000032 HSBC BANK MIDDLE EAST LIMITED, JORDAN BRANCH

PAGE 6

015 B000032 S
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015 E040032 X
015 A000033 CFC STANBIC BANK LIMITED
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015 C010033 NAIROBI
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015 A000034 HSBC BANK MIDDLE EAST LIMITED, KUWAIT BRANCH
015 B000034 S
015 C010034 SAFAT
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015 E040034 X
015 A000035 KBL EUROPEAN PRIVATE BANKERS SA
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015 C010035 LUXEMBOURG
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015 E040035 X
015 A000036 HSBC BANK MALAYSIA BERHAD
015 B000036 S
015 C010036 KUALA LUMPUR
015 D010036 MALAYSIA
015 E040036 X
015 A000037 BANCO NACIONAL DE MEXICO, S.A. (BANAMEX)
015 B000037 S
015 C010037 MEXICO CITY
015 D010037 MEXICO
015 E040037 X
015 A000038 CITIBANK MAGHREB
015 B000038 S
015 C010038 CASABLANCA
015 D010038 MOROCCO
015 E040038 X
015 A000039 BNP PARIBAS SECURITIES SERVICES
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015 D010039 NETHERLANDS
015 E040039 X
015 A000040 HSBC LIMITED, NEW ZEALAND BRANCH
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015 C010040 AUCKLAND
015 D010040 NEW ZEALAND
015 E040040 X
015 A000041 STANBIC IBTC BANK PLC
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015 C010041 LAGOS
015 D010041 NIGERIA
015 E040041 X
015 A000042 NORDEA BANK NORGE ASA
015 B000042 S
PAGE 7
015 C010042 OSLO
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015 A000043 CITIBANK DEL PERU S.A.
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015 A000044 HSBC LIMITED, PHILIPPINE BRANCH
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015 A000045 BANK HANDLOWY W WARSZAWIE SA
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015 C010045 WARSAW
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015 E040045 X
015 A000046 BNP PARIBAS SECURITIES SERVICES
015 B000046 S
015 C010046 PANTIN
015 D010046 PORTUGAL
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015 A000047 ING BANK N.V., BUCHAREST BRANCH
015 B000047 S
015 C010047 BUCHAREST
015 D010047 ROMANIA
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015 A000048 ZAO CITIBANK
015 B000048 S
015 C010048 MOSCOW
015 D010048 RUSSIA
015 E040048 X
015 A000049 HSBC BANK MIDDLE EAST LIMITED, QATAR BRANCH
015 B000049 S
015 C010049 JERSEY
015 D010049 QATAR
015 E040049 X
015 A000050 HSBC SAUDI ARABIA LIMITED
015 B000050 S
015 C010050 RIYADH
015 D010050 SAUDI ARABIA
015 E040050 X
015 A000051 STANDARD CHARTERED BANK SINGAPORE BRANCH
015 B000051 S
015 C010051 SINGAPORE
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015 A000052 ING BANK NV, BRATISLAVA BRANCH
015 B000052 S
015 C010052 BRATISLAVA
PAGE 8
015 D010052 SLOVAKIA
015 E040052 X
015 A000053 STANDARD BANK OF SOUTH AFRICA LIMITED
015 B000053 S

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015 C010053 JOHANNESBURG
015 D010053 SOUTH AFRICA
015 E040053 X
015 A000054 CITIBANK KOREA INC
015 B000054 S
015 C010054 SEOUL
015 D010054 SOUTH KOREA
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015 A000055 BANCO BILBAO VIZCAYA ARGENTARIA SA
015 B000055 S
015 C010055 MADRID
015 D010055 SPAIN
015 E040055 X
015 A000056 HSBC,SRI LANKA BRANCH
015 B000056 S
015 C010056 COLOMBO
015 D010056 SRI LANKA
015 E040056 X
015 A000057 SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)
015 B000057 S
015 C010057 STOCKHOLM
015 D010057 SWEDEN
015 E040057 X
015 A000058 CREDIT SUISSE AG
015 B000058 S
015 C010058 ZURICH
015 D010058 SWITZERLAND
015 E040058 X
015 A000059 BANK OF TAIWAN
015 B000059 S
015 C010059 TAIPEI
015 D010059 TAIWAN
015 E040059 X
015 A000060 HSBC LIMITED, THAILAND BRANCH
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015 C010060 BANGKOK
015 D010060 THAILAND
015 E040060 X
015 A000061 CITIBANK ANONIM SIRKETI
015 B000061 S
015 C010061 ISTANBUL
015 D010061 TURKEY
015 E040061 X
015 A000062 HSBC BANK MIDDLE EAST LIMITED
015 B000062 S
015 C010062 DUBAI
015 D010062 UNITED ARAB EMIRATES
PAGE 9
015 E040062 X
015 A000063 HSBC BANK PLC
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015 C010063 LONDON
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015 A000064 CITIBANK, N.A., CARACAS BRANCH
015 B000064 S
015 C010064 CARACAS
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015 A000065 HSBC BANK (VIETNAM) LTD
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015 C010065 HO CHI MINH CITY

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015 D010065 VIETNAM
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022 A000005 J.P. MORGAN SECURITIES INC.
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022 A000006 CITIGROUP CAPITAL MARKETS, INC.
022 B000006 11-2418191
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022 B000007 13-5659485
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022 A000008 BARCLAYS CAPITAL, INC.
022 B000008 61-0316560
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022 A000009 GOLDMAN SACHS & CO.
022 B000009 13-5108880
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022 A000010 MERRILL LYNCH, PIERCE, FENNER & SMITH
022 B000010 13-5674085
022 C000010 1637
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025 A000001 BANK OF AMERICA CORPORATION

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TITLE	TREASURER	