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Pioneer Diversified High Income Trust  
Form NSAR-B  
June 28, 2013

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000 B000000 04/30/2013  
000 C000000 0001388126  
000 D000000 N  
000 E000000 NF  
000 F000000 Y  
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000 I000000 6.1  
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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  
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008 A000001 PIONEER INVESTMENT MANAGEMENT, INC.  
008 B000001 A  
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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  
010 C010001 BOSTON  
010 C020001 MA  
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010 A000002 BROWN BROTHERS HARRIMAN & CO.  
010 C010002 BOSTON  
010 C020002 MA  
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010 C030002 02109  
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  
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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  
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012 A000002 AMERICAN STOCK TRANSFER & TRUST CO.  
012 B000002 85-00000  
012 C010002 BROOKLYN  
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013 A000001 ERNST & YOUNG, LLP  
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013 B010001 BOSTON  
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015 A000001 BROWN BROTHER HARRIMAN & CO.  
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015 B000002 S  
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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  
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015 A000004 UNICREDIT BANK AUSTRIA AG  
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015 C010004 VIENNA  
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015 A000005 BNP PARIBAS SECURITIES SERVICES  
015 B000005 S  
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015 E040005 X  
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015 A000015 CITIBANK EUROPE PLC, ORGANIZACNI SLOZKA  
015 B000015 S

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015 C010015 PRAGUE  
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015 A000016 DANSKE BANK A/S  
015 B000016 S  
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015 A000017 SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)  
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015 E040017 X  
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015 E040018 X  
015 A000019 NORDEA BANK FINLAND PLC  
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015 A000020 BNP PARIBAS SECURITIES SERVICES  
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015 A000022 HSBC BANK PLC, ATHENS BRANCH  
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015 A000023 STANDARD CHARTERED BANK GHANA LTD.  
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015 E040023 X  
015 A000024 STANDARD CHARTERED BANK (HONG KONG) LIMITED  
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015 E040024 X  
015 A000025 CITIBANK EUROPE PLC, HUNGARIAN BRANCH  
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015 A000026 CITIBANK, N.A.-MUMBAI BRANCH  
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015 D010026 INDIA  
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015 A000027 CITIBANK, N.A., JAKARTA BRANCH  
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015 C010027 JAKARTA

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015 D010027 INDONESIA  
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015 A000028 CITIBANK, N.A., LONDON BRANCH  
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015 A000029 BANK HAPOALIM BM  
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015 A000030 BMP PARIBAS SECURITIES SERVICES, MILAN BRANCH  
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015 A000031 SUMITOMO MITSU BANKING CORPORATION  
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015 A000032 HSBC BANK MIDDLE EAST LIMITED, JORDAN BRANCH  
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015 E040032 X  
015 A000033 CFC STANBIC BANK LIMITED  
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015 A000034 HSBC BANK MIDDLE EAST LIMITED, KUWAIT BRANCH  
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015 E040034 X  
015 A000035 KBL EUROPEAN PRIVATE BANKERS SA  
015 B000035 S  
015 C010035 LUXEMBOURG  
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015 E040035 X  
015 A000036 HSBC BANK MALAYSIA BERHAD  
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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  
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015 C010038 CASABLANCA  
015 D010038 MOROCCO  
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015 A000039 BNP PARIBAS SECURITIES SERVICES  
015 B000039 S  
015 C010039 PARIS  
015 D010039 FRANCE

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015 E040039 X  
015 A000040 HSBC LIMITED, NEW ZEALAND BRANCH  
015 B000040 S  
015 C010040 AUCKLAND  
015 D010040 NEW ZEALAND  
PAGE 7  
015 E040040 X  
015 A000041 STANBIC IBTC BANK PLC  
015 B000041 S  
015 C010041 LAGOS  
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015 E040041 X  
015 A000042 NORDEA BANK NORGE ASA  
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015 C010042 OSLO  
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015 A000043 CITIBANK DEL PERU S.A.  
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015 A000044 THE HONG KONG & SHANGHAI BANKING CORP LTD (PH)  
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015 D010044 PHILIPPINES  
015 E040044 X  
015 A000045 BANK HANDLOWY W WARSZAWIE SA  
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015 B000046 S  
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015 A000047 ING BANK N.V., BUCHAREST BRANCH  
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015 A000048 ZAO CITIBANK  
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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  
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015 A000051 STANDARD CHARTERED BANK SINGAPORE BRANCH  
015 B000051 S  
015 C010051 SINGAPORE  
015 D010051 SINGAPORE

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015 E040051 X  
015 A000052 ING BANK IV, BRATISLAVA BRANCH  
015 B000052 S  
015 C010052 BRATSLAVA  
015 D010052 SLOVAKIA  
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015 A000053 STANDARD BANK OF SOUTH AFRICA LIMITED  
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015 C010053 JOHANNESBURG  
015 D010053 SOUTH AFRICA  
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015 A000054 CITIBANK KOREA INC  
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015 C010056 COLOMBO  
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015 A000059 BANK OF TAIWAN  
015 B000059 S  
015 C010059 TAIPEI  
015 D010059 TAIWAN  
015 E040059 X  
015 A000060 THE HONG KONG & SHANGHAI BANKING CORP LTD, (TH)  
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015 A000061 CITIBANK ANONIM SIRKETI  
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015 A000062 HSBC BANK MIDDLE EAST LIMITED  
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015 A000063 HSBC BANK PLC  
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015 A000064 CITIBANK, N.A., CARACAS BRANCH  
 015 B000064 S  
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 022 A000002 SCOTIA CAPITAL (USA) INC.  
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 022 A000006 GOLDMAN, SACHS & CO.  
 022 B000006 13-5108880  
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 022 A000007 CREDIT SUISSE SECURITIES (USA) LLC  
 022 B000007 05-0546650  
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 022 A000008 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.  
 022 B000008 13-5674085  
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 022 A000009 CITIGROUP GLOBAL MARKETS INC.  
 022 B000009 11-2418191  
 022 C000009 6038  
 022 D000009 349



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022 A000010 RBC CAPITAL MARKETS, LLC  
 022 B000010 41-1228350  
 022 C000010 4588  
 022 D000010 1545  
 023 C000000 732331  
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 025 A000001 JANUS CAPITAL GROUP, INC.  
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 025 A000002 GOLDMAN SACHS CAPITAL II  
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074	X000000	3540
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076	000000	21.82
077	A000000	Y
077	B000000	Y
077	C000000	N
077	D000000	N
077	E000000	N
077	F000000	N
077	G000000	N
077	H000000	N
077	I000000	N
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077	J000000	N
077	K000000	N
077	L000000	N
077	M000000	N
077	N000000	N
077	O000000	N
077	P000000	N
077	Q010000	N
077	Q020000	N
077	Q030000	N
078	000000	N
080	A000000	ICI MUTUAL INSURANCE COMPANY
080	C000000	45000
081	A000000	Y
081	B000000	57
082	A000000	N
082	B000000	0
083	A000000	N
083	B000000	0
084	A000000	N
084	B000000	0
085	A000000	N

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085	B000000	N	
086	A010000		30
086	A020000		592
086	B010000		0
086	B020000		0
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086	C020000		0
086	D010000		0
086	D020000		0
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086	E020000		0
086	F010000		0
086	F020000		0
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087	A020000	723653101	
087	A030000	HNW	
088	A000000	Y	
088	B000000	N	
088	C000000	N	
088	D000000	N	
SIGNATURE	MARK BRADLEY		
TITLE	TREASURER		