

**CDX.NA.HY.30-V1**

Reference Obligations Being Replaced	2
Reference Entities Being Updated	1
New Reference Entity and Obligation Being Added	5
Unchanged Reference Entities and Obligations	92

Removed Entities

CalAtlantic Group, Inc.
Level 3 Communications, Inc.
M.D.C. Holdings, Inc.
MBIA Insurance Corporation
Realty Group LLC

CDX.NA.HY.30-V1**Reference Obligations Being Replaced: 02**

Reference obligations for the index constituents listed below are no longer suitable for inclusion.
Replacement reference obligations have been sourced and are listed.

Currently in Index				Expected replacements		
Market ticker	Name	Instrument Name	ISIN	Tier	Instrument Name	Tier
LBRAAA	L Brands, Inc.	LBRAAA 8.5 15Jun19	US32716AR89	SNRFOR	LBRAAA 5.625 15Oct23	US001797AJ37 SNRFOR
SPLS	Staples, Inc.	SPLS 4.375 12Jan23	US855030AM47	SNRFOR	SPLS (3) 8.5 15Sep25	US03939PAA21 SNRFOR

Reference Entities Being Updated: 1

The index constituents listed below have gone through a corporate action or credit event.

Currently in Index				Expected replacements			
Market ticker	Name	Instrument Name	ISIN	Tier	New Market ticker	New Market Name	Tier
NEWALBS	New Albertson's, Inc.	NEWALBS 8 01May31	US013104AL86	SNRFOR	NEALBE	New Albertson's LP.	NEALBE 8 01May31 US013104AL86 SNRFOR

New Reference Entity and Obligation Being Added: 05

Below is the new entity being added to this index, along with the relevant reference obligation.

Currently in Index				
Market ticker	Name	Instrument Name	ISIN	Tier
CONRES	Continental Resources, Inc.	CONRES (3) 4.5 15Apr23	US212015AL58	SNRFOR
MBIA	MBIA Inc.	MBI 6.625 01Oct26	US55262CA471	SNRFOR
TSO	Sabre Holdings Corporation	SABRGLB 5.375 15Apr23	US78573NA400	SECCDOM
THSERV	The ServiceMaster Company, LLC	THSERV 5.125 15Nov24	US817610AA64	SNRFOR
UCOHL	UNITED CONTINENTAL HOLDINGS, INC.	UCOHL 5 01Feb24	US910047AH22	SNRFOR

Unchanged Reference Entities and Obligations: 92

The index constituents and their associated reference obligation listed below are expected to remain unchanged

Currently in Index	Market Name	Instrument Name	ISIN	Tier
AMD	ADVANCED MICRO DEVICES, INC.	AMD (4) 7.5 15Aug22	US007903AX53	SNRFOR
AKS-Corp	AK Steel Corporation	AKS-Corp 7 15Mar27	US001546AU45	SNRFOR
ALLYFI	Ally Financial Inc.	ALLYFI (2) 7.5 15Sep20	US020059AA30	SNRFOR
AMERAI	American Airlines Group Inc.	AMERAI 5.5 01Oct19	US02376RA05	SNRFOR
AXL-Inc	American Axle & Manufacturing, Inc.	AXL-Inc 6.625 15Oct22	US02406PAL40	SNRFOR
AMKR	Amkor Technology, Inc.	AMKR (3) 6.625 01Jun21	US031652BE90	SNRFOR
ARAMSER	ARAMSER, Inc.	ARAMSER (2) 4.75 01Jun25	US038522AN85	SNRFOR
ARCOINC	Arconic Inc.	ARCOINC (4) 5.72 23Feb19	US013817AP64	SNRFOR
AVBDGT	Avis Budget Group, Inc.	CD-AvisBdgt 5.25 15Mar25	US053755AN77	SNRFOR
AVP	Avon Products, Inc.	AVP 6.5 01Mar19	US054303AW29	SNRFOR
Bell	Bell Corporation	BLL 4 15Nov23	US058498AS54	SNRFOR
BZH	BEAZER HOMES USA, INC.	BZH 6.75 15Mar25	US07556QBL88	SNRFOR
BOMBINC	BOMBARDIER INC.	BOMBINC (3) 7.45 01May34	USC10602AJ68	SNRFOR
BYD	Boyd Gaming Corporation	BYD 7.125 01Feb16 BondCall	US00689RAA77	SUBLT2
CALURES	CALIFORNIA RESOURCES CORPORATION	CALURES (4) 6 15Nov24	US130570AF46	SNRFOR
CPN	Caprine Corporation	CPN 5.375 15Jan23	US131347CE49	SNRFOR
CHTR-CCOH	CCO Holdings, LLC	CHTR-CCOH 5.75 15Jan24	US1248EPBE24	SNRFOR
CLINKI	CenturyLink, Inc.	CLINKI 6.15 15Sep19	US156700AN63	SNRFOR
CHK	Chesapeake Energy Corporation	CHK 6.625 15Aug20	US185161CF27	SNRFOR
CIT	CIT Group Inc.	CIT 5 15Aug22	US125581GQ55	SNRFOR
CYH	Community Health Systems, Inc.	COMMHS (5) 8 15Nov19	US12543DAL47	SNRFOR
CVSHLD	CSC Holdings, LLC	CVSHLD 10.875 15Oct25	US640721AA34	SNRFOR
DAVITA	DaVita Inc.	DAVITIN 5.75 15Aug22	US23918KAP30	SNRFOR
DELLN	Dell Inc.	DELLN 7.1 15Apr28	US247055AE93	SNRFOR
DO	Diamond Offshore Drilling, Inc.	DO 3.45 01Nov23	US25271CAM47	SNRFOR
DISHN-DBSC	DISH DBS Corporation	DISHN-DBSC (2) 6.75 01Jun21	US25470XAE58	SNRFOR
DYNEGIN	Dynegy Inc.	DYNEGIN (3) 6.75 01Nov19	US28817RAM07	SNRFOR
ETE	Energy Transfer Equity L.P.	ETE 5.875 15Jun24	US29273VAD29	SECCDOM
EQIX	Equinix, Inc.	EQIX 5.375 01Apr23	US29444UAM80	SNRFOR
FDC	First Data Corporation	FDC 7 01Dec23	US319963BP82	SNRFOR
FREEPIN	Fresport-McMoran Inc.	FREEPIN 3.55 01Mar22	US38671DAU90	SNRFOR
FRCA	FRONTIER COMMUNICATIONS CORPORATION	FRCA 9 15Aug31	US317452BA108	SNRFOR
GENWHOL	Genworth Holdings, Inc.	GENWHOL 7.7 15Jun20	US37247DAM83	SNRFOR
HCA	HCA Inc.	HCA 7.5 15Feb22	US404121AD78	SNRFOR
HDSUU	HD SUPPLY, INC.	HDSUU 5.75 15Apr24	US40415RAH66	SNRFOR
HNTNL	Huntail International LLC	HNTNL 4.875 15Nov20 Struc	US447031AC54	SECCDOM
ISTAINC	iStar Inc.	ISTAINC 5 01Jul19	US45031UBU43	SNRFOR
JCP	J. C. Penney Company, Inc.	JCP 6.375 15Oct36	US708130AC31	SNRFOR
HOV-K	K. Hovnanian Enterprises, Inc.	HOV-K 7 15Jan19	US442488BV31	SNRFOR
KBI	KBI HOME	KBI 7 15Dec21	US486686AT61	SNRFOR
LEN	Lennar Corporation	LEN 4.75 01Apr21	US526057BX14	SNRFOR
LITLC	Liberty Interactive LLC	LITLC 8.5 15Jul29	US530715AD31	SNRFOR
MERINC	Mentor, Inc.	MERINC 6.25 15Feb24	US59001IAQ28	SNRFOR
MGIC	MGIC Investment Corporation	MGIC 5.75 15Aug23	US55284AR109	SNRFOR
MGMRI	MGM Resorts International	MGMRI (3) 6.75 01Oct20	US552953BY63	SNRFOR
MUR	MURPHY OIL CORPORATION	MUR 4 01Jun22	US626717AD43	SNRFOR
NBR-Inc	Nabors Industries, Inc.	NBR-Inc (3) 5.5 15Jan23	US62957HAC97	SNRFOR
NAVIECO	Navisector Inc.	NAVIECO 5.25 23Jan23	US78445FQ722	SNRFOR
NCX	NOVA Chemicals Corporation	NCX (3) 5.25 01Aug23	USC67111AF82	SNRFOR
XEL-NRGInc	NRG Energy, Inc.	XEL-NRGInc (4) 6.25 15Jul22	US629377BW10	SNRFOR
OLN	Olin Corporation	OLN 5.5 15Aug22	US60665AAH97	SNRFOR
PACTLLC	Pactiv LLC	PACTLLC 7.95 15Oct25	US88094AA871	SNRFOR
PKD	Parker Drilling Company	PKD (2) 7.5 01Aug20	US701061AY70	SNRFOR
POL	PolyOne Corporation	POL (2) 5.25 15Mar23	US73179PAK21	SNRFOR
PHMG	PulteGroup, Inc.	PHMG 7.875 15Jun32	US745867AM30	SNRFOR
DNY	R. R. Donnelley & Sons Company	DNY 7.875 15Mar21	US74978DA428	SNRFOR
RDN	Radian Group Inc.	RDN 5.25 15Jun20	US760236AS04	SNRFOR
RAD	Rite Aid Corporation	RAD 7.7 15Feb27	US767754AJ35	SNRFOR
SWY	Safeway Inc.	SWY 7.25 01Feb31	US786514BA67	SNRFOR
SANMCOR	Sammina Corporation	SANMCOR 8.125 01Mar16 BondCall	US800907AK37	SUBLT2
SEE	Sealed Air Corporation	SEE 6.875 15Aug23	US81211KAK60	SNRFOR
SHC-Acceptance	SEARS ROEBUCK ACCEPTANCE CORP.	SHC-Acceptance 6.5 01Dec28	US81240ABE03	SNRFOR
SPRFINCO	Springleaf Finance Corporation	SPRFINCO (2) 7.75 01Oct21	US85172FAD15	SNRFOR
SPRICOM	Sprint Communications, Inc.	SPRICOM 7 15Aug20	US852061AJ17	SNRFOR
SUPEVALU	SUPERVALU INC.	SUVAL (2) 6.75 01Jun21	US86853AAV55	SNRFOR
DT-MobileUS	T-Mobile USA, Inc.	DT-MobileUS 4 15Apr22	US87264AAR68	SNRFOR
TALEENE	Talen Energy Supply, LLC	TALEENE 4.6 15Dec21	US89352JAN72	SNRFOR
TGRH-PHr	Targa Resources Partners LP	TGRH-PHr (3) 4.125 15Nov19	US876128AR33	SNRFOR
TECKRS	Teck Resources Limited	TECKRS 3.75 01Feb23	US878742AJ10	SNRFOR
TEGNINC	TEGNA Inc.	TEGNINC 4.875 15Sep21	US934725BB67	SNRFOR
THC	TENET HEALTHCARE CORPORATION	THC (2) 6.875 15Nov31	US88033GAV23	SNRFOR
THEADT	THE ADT CORPORATION	THEADT (3) 6.25 15Oct21	US00101JAK25	SNRFOR
AES	The AES Corporation	AES 4.875 15May29	US01304BH114	SNRFOR
GPS	THE GAP, INC.	GPS 5.95 12Apr21	US934760AK48	SNRFOR
F-Hertz	THE HERTZ CORPORATION	F-Hertz 5.875 15Oct20	US428040CP20	SNRFOR
MCLTHY	The McLATCHY COMPANY	MCLTHY 6.875 15Mar29	US499040AL76	SNRFOR
THENEI	The Neiman Marcus Group LLC	THENEI 7.125 01Jun28	US640204AB95	SECCDOM
WMB	THE WILLIAMS COMPANIES, INC.	WMB 4.55 24Jun24	US969457BW96	SNRFOR
TOL	Toll Brothers, Inc.	TOL-FinCorp 4.375 15Apr23	US88847EAND4	SNRFOR
TRADIG	TransDigm Inc.	TRADIG (4) 6.15Jul22	US893647AW74	SUBLT2
RIG	Transocean Inc.	RIG 3.8 15Oct22	US893630BX75	SNRFOR
UIS	Unisys Corporation	UIS (2) 5.5 01Mar21	US909214BS68	SNRFOR
UNITREN	UNITED RENTALS (NORTH AMERICA), INC.	UNITREN 5.75 15Nov24	US911365BB94	SNRFOR
X	UNITED STATES STEEL CORPORATION	X 6.65 01Jun37	US912909AD03	SNRFOR
UNITGR	Uniti Group Inc.	UNITIG (3) 8.25 15Oct23	US20341WAD74	SNRFOR
UNHS	Universal Health Services, Inc.	UNHS 3.75 01Aug19	US913903AP62	SECCDOM
UVN	UNIVISION COMMUNICATIONS INC.	UVN (2) 8.5 15May21	USL91505AD64	SNRFOR
VALPIT	VALEANT PHARMACEUTICALS INTERNATIONAL INC.	VALPIT (3) 5.5 01Mar23	US91911KAE29	SNRFOR
WFT	Weatherford International Ltd.	WFT 4.5 15Apr22	US94707VAC46	SNRFOR
WHPEC	Whiting Petroleum Corporation	WHPEC 6.25 01Apr23	US963877AP71	SNRFOR
WINDSSE	Windstream Services, LLC	WINDSSE (4) 7.5 01Jun22	US97381WAX20	SNRFOR
YUM	YUM! Brands, Inc.	YUM 3.875 01Nov20	US98498AG64	SNRFOR