

CDX.NA.IG.41

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Removed Entities

Chubb Limited
MARSH & MCGLENNAN COMPANIES, INC.
Targa Resources Partners LP

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Reference Obligations Being Replaced: 8

Reference obligations for the index constituents listed below are no longer suitable for inclusion.						Expected replacements			
Ticker	Reference Entity	Instrument Name	ISIN	Tier	Instrument Name	ISIN	Instrument Name	ISIN	Tier
BSX	Boston Scientific Corporation	BSX 3.45 01Mar24	US101137AV98	SNRFOR	BSX 2.85 01Jun30	US101137BA41			SNRFOR
CISCOXY	Cisco Systems, Inc.	CISCOXY 3.625 04Mar24	US17275RAN26	SNRFOR	CISCOXY 2.5 20Sep26	US17275RBL50			SNRFOR
CMCSA	Comcast Corporation	CMCSA 3.7 15Apr24	US03030WV908	SNRFOR	CMCSA 4.15 15Oct28	US03030WV763			SNRFOR
ENERTRAE	ENERTRAE LP	ENERTRAE (B) 5.875 15Jan24	US29278NAMS6	SNRFOR	ENERTRAE 3.75 15May30	US29278NAG06			SNRFOR
HOSHOT.HSTRES	Hoshot & Resorts, L.P.	HOSHOT.HSTRES 3.875 01Apr24	US441077AX46	SNRFOR	HOSHOT.HSTRES 3.375 15Dec29	US441077AV29			SNRFOR
IBM	International Business Machines Corporation	IBM 3.625 12Feb25	US45020H186	SNRFOR	IBM 3.5 15Apr29	US45020HAK5			SNRFOR
LEN	Lenar Corporation	LEN 4.875 15Dec23	US520057BW31	SNRFOR	LEN (4) 4.75 29Nov27	US520057CD41			SNRFOR
R	Ryder System, Inc.	R 3.875 01Dec23	US78355HKW40	SNRFOR	R 5.25 01Jun28	US78355HKW87			SNRFOR

Reference Entities Being Updated: 3

The index constituents listed below have gone through a corporate action or credit event.						Expected replacements			
Ticker	Reference Entity	Instrument Name	ISIN	Tier	Ticker	New Reference Entity	Instrument Name	ISIN	Tier
COF-BNKNA	Capital One Bank (USA), National Association	COF-BNKNA 2.28 28Jun26	US140421CT25	SNRFOR	ONEMA	Capital One, National Association	COF-BNKNA 2.28 28Jun26	US140421CT25	SNRFOR
RAYTHIE	Raytheon Technologies Corporation	RAYTHIE 3.125 15May27	US813017CR68	SNRFOR	RTXCDR	RTX Corporation	RAYTHIE 3.125 15May27	US813017CR68	SNRFOR
SRE	Sperax Energy	SRE 3.25 15Apr27	US816651BA63	SNRFOR	SEMPAAA	Sempra	SRE 3.25 15Apr27	US816651BA63	SNRFOR

New Reference Entity and Obligation Being Added: 3

Below is the new entity being added to this index, along with the relevant reference obligation.					
New Reference Entity and Obligation Being Added					
Ticker	Reference Entity	Instrument Name	ISIN	Tier	
APACORP	APACORP CORPORATION	APACORP 3.375 15Oct28	US034111BE40	SNRFOR	
NFLX	Netflix, Inc.	NFLX 4.875 15Apr30	US64110LAV80	SNRFOR	
OXY	OCCIDENTAL PETROLEUM CORPORATION	OXY 5.55 15Mar26	US674566UC96	SNRFOR	

Unchanged Reference Entities and Obligations: 111

The index constituents and their associated reference obligation listed below are expected to remain unchanged					
Currently in Index					
Ticker	Reference Entity	Instrument Name	ISIN	Tier	
AMD	ADVANCED MICRO DEVICES, INC.	AMD 2.125 01Sep26	US007903ED80	SNRFOR	
ALLYFI	Ally Financial Inc.	ALLYFI 8.0 01May25	US02026NBL31	SNRFOR	
MO	Mohr Group, Inc.	MO 2.625 18Sep26	US022036SA78	SNRFOR	
AEP	AMERICAN ELECTRIC POWER COMPANY, INC.	AEP 3.2 15Nov27	US025537AJ08	SNRFOR	
AXP	American Express Company	AXP 4.05 03May29	US025816C0W78	SNRFOR	
ANG	American International Group, Inc.	ANG 8.25 01May28	US028874AZ07	SNRFOR	
AMGN	Ampgen Inc.	AMGN 3.625 22May24	US031162BV19	SNRFOR	
ARW	ARROW ELECTRONICS, INC.	ARW 7.8 15Jan27	US042735AK67	SNRFOR	
ASURBLAGM	ASSURED GUARANTY MUNICIPAL CORP				Municipal Issuer
ATTINC	ATT Inc.	ATTINC 3.8 15Feb27	US00208RHWS1	SNRFOR	
AZO	AutoZone, Inc.	AZO 3.125 21Apr28	US053332AT196	SNRFOR	
AVT	Avnet, Inc.	AVT 3 15May31	US058870AJ72	SNRFOR	
ABX	BARRICK GOLD CORPORATION	ABX 5.8 15Nov34	US067801AA64	SNRFOR	
BAX	Baker International Inc.	BAX 2.8 15Apr26	US017181BD15	SNRFOR	
BRO	Bankrupt Highway Inc.	BRO 3.125 15Mar26	US048407BS87	SNRFOR	
BBW	Best Buy Co., Inc.	BBW 4.45 01Apr28	US086625AA70	SNRFOR	
BRFC	Bank Financial LLC	BRFC 2.5 15Oct28	US098962AJ37	SNRFOR	
BWA	Bojiwan Inc.	BWA 3.375 15Mar29	US099124AA55	SNRFOR	
BMF	Bristol Myers Squibb Company	BMF 8.8 15Nov26	US111022AB49	SNRFOR	
CBF	CAMPBELL SOUP COMPANY	CBF 4.25 15Mar28	US041290C315	SNRFOR	
CNATUR	CANADIAN NATURAL RESOURCES LIMITED	CNATUR 2.05 15Jul25	US136385AZ48	SNRFOR	
CAH	Cardinal Health, Inc.	CAH 3.41 15Jun27	US14148YBLJ4	SNRFOR	
CAT	Caterpillar Inc.	CAT 2.8 18Sep29	US149123CC48	SNRFOR	
CONABRA	Conagra Brands, Inc.	CONABRA 7 01Oct28	US020587AF36	SNRFOR	
COF	Comco/Philips	COF (3) 5.9 15Oct32	US208262CAF14	SNRFOR	
COX	Cox Communications, Inc.	COX 6.875 01Aug28	US024404AN72	SNRFOR	
CSX	CSX Corporation	CSX 2.8 01Nov26	US126408HE65	SNRFOR	
CVSHEA	CVS Health Corporation	CVSHEA 2.625 15Apr24	US126650DE72	SNRFOR	
DHI	D. H. Horton, Inc.	DHI 1.4 15Oct27	US033114BP93	SNRFOR	
DHR	Danaher Corporation	DHR 3.85 15Sep25	US235851AQ51	SNRFOR	
DRI	Darden Restaurants, Inc.	DRI 3.85 01May27	US27194AL90	SNRFOR	
DE	Deere & Company	DE 3.875 16Apr29	US044196BB26	SNRFOR	
DELL	Dell Inc.	DELL 7.1 15Apr28	US047025AE93	SNRFOR	
DVN	Devon Energy Corporation	DVN 2.9 15Apr22	US025178BA02	SNRFOR	
DOMEN	Domini Energy, Inc.	DOMEN 4.25 01Jun28	US027460JY38	SNRFOR	
DXC	DXC TECHNOLOGY COMPANY	DXC 7.8 15Sep26	US23355LAL09	SNRFOR	
EMN	Eastman Chemical Company	EMN 7.0 01Feb27	US027432AJ23	SNRFOR	
EQRC	EQRC, Inc.	EQRC 1.7 15Apr25	US030340C219	SNRFOR	
ENB	Enbridge Inc.	ENB 3.5 10Jan24	US02920NAH89	SNRFOR	
EXC	Enxion Corporation	EXC 3.4 15Apr26	US0317NAJ526	SNRFOR	
EXPEGRD	Expedia Group, Inc.	EXPEGRD 8.25 01May25	US03012PAA54	SNRFOR	
FDX	FedEx Corporation	FDX 3.25 07Apr28	US14184XBF24	SNRFOR	
FE	Ferris International Corp.	FE 1.8 27Apr26	US037320AC13	SNRFOR	
FREEPIN	Freightliner-McWorran Inc.	FREEPIN 5 01Sep27	US03671DCD74	SNRFOR	
GE	General Electric Company	GE 4.175 15Apr32	US036926Z226	SNRFOR	
GIS	General Mills, Inc.	GIS 4 17Apr25	US037034CF98	SNRFOR	
GENM	General Motors Company	GENM 4.2 01Oct27	US037045VAN01	SNRFOR	
HAL	HALLIBURTON COMPANY	HAL 2.92 01Mar30	US040216BL45	SNRFOR	
HCA	HCA Inc.	HCA 8.875 15Apr28	US044196BS74	SNRFOR	
HES	Hess Corporation	HES 3.5 15Jul24	US042808HAF4	SNRFOR	
HON	Honeywell International Inc.	HON 5.7 15Mar30 BondCall	US0438516AR73	SNRFOR	
HPI	HPI Inc.	HPI 3.17 15Apr27	US0434AL4818	SNRFOR	
INTERNATIONAL PAPER COMPANY	INTERNATIONAL PAPER COMPANY	IP 3.15 15Sep35	US0460146CM37	SNRFOR	
JOHN	Johnson & Johnson	JOHN 2.9 15Apr28	US047818DC81	SNRFOR	
JOHNSON CONTROLS INTERNATIONAL PUBLIC	JOHNSON CONTROLS INTERNATIONAL PUBLIC	JOHNSON 3.625 02Jul24	US047818DC81	SNRFOR	
KINDERM	Kinder Morgan, Inc.	KINDERM 4.3 01Mar28	US044568AP67	SNRFOR	
KROGER	Kraft Heinz Foods Company	KROGER 6.375 15Jul28	US042307JAF38	SNRFOR	
KS	Kroger National Corporation	KS 3.35 09Apr25	US043107BE19	SNRFOR	
LMT	Lockhead Martin Corporation	LMT 3.55 15Apr26	US0539830H11	SNRFOR	
LTV	Lochin Corporation	LTV 01Feb25	US042423PA38	SNRFOR	
LOW	Low's Companies, Inc.	LOW 2.5 15Apr28	US0548661DM68	SNRFOR	
MDC	M.D.C. Holdings, Inc.	MDC 3.85 15Jan30	US052876AT59	SNRFOR	
MARRET	Marriott International	MARRET 3.625 15Apr24	US056554AA78	SNRFOR	
MAR	MARRIOTT INTERNATIONAL, INC.	MAR 3.125 15Jun28	US057190AS22	SNRFOR	
MCD	MCDONALD'S CORPORATION	MCD 3.5 01Jul27	US058013MF41	SNRFOR	
MCK	McKesson Corporation	MCK 7.5 01Mar27	US058557AM75	SNRFOR	
MET	Mettl, Inc.	MET 3.8 13Nov25	US059168BC02	SNRFOR	
MONDINT	Mondelēz International, Inc.	MONDINT 4.125 07May28	US059207AM78	SNRFOR	
MOTSL	Motorsol Solutions, Inc.	MOTSL 7.5 15Mar25	US060076AH21	SNRFOR	
NRUC	National Rural Utilities Cooperative Finance Corp	NRUC 8 01Mar32	US063743CT02	SNRFOR	
NEWMCO	Newmont Corporation	NEWMCO 2.25 01Oct30	US061538AV25	SNRFOR	
NXLENG	NxEnergy Energy Capital Holdings, Inc.	NXLENG 1.875 15Apr27	US063903GV59	SNRFOR	
NSC	NORFOLK SOUTHERN CORPORATION	NSC 3.65 01Apr25	US065844CA48	SNRFOR	
NORGRM	Northern Grumman Corporation	NORGRM 4.4 01May30	US0666807B300	SNRFOR	
OMC	Omnicom Group, Inc.	OMC 3.65 01Nov24	US069176BA38	SNRFOR	
ORCL	Oracle Corporation	ORCL 3.25 15Nov27	US068389BM49	SNRFOR	
OVNINK	Ovink Inc.	OVNINK 8.125 15Sep30	US071281JAH3	SNRFOR	
PACKAM	Packaging Corporation of America	PACKAM 3.15 02Apr29	US069516A1X7	SNRFOR	
PARAMGL	Paramount Global	PARAMGL 4.75 15May25	US052568AA50	SNRFOR	
PEP	PEP, Inc.	PEP 8 28Mar25	US0710781K73	SNRFOR	
PRU	Prudential Financial, Inc.	PRU 3.878 27Mar28	US074432CC78	SNRFOR	
PRMS	PrimeGroup, Inc.	PRMS 7.875 15Jan32	US0745887AM30	SNRFOR	
RCI	Quest Diagnostics Incorporated	RCI 4.2 30Apr29	US0746481B76	SNRFOR	
RDN	Radco Group Inc.	RDN 4.5 01Oct24	US075032AJ59	SNRFOR	
SPG-LP	Simon Property Group, L.P.	SPG-LP 2.85 15Jul30	US078289DK02	SNRFOR	
LUN	Southwest Airlines Co.	LUN 5.15 15Mar27	US084474BK54	SNRFOR	
TGT	Target Corporation	TGT 2.5 15Apr28	US087612EB58	SNRFOR	
TECKRS	Teck Resources Limited	TECKRS 8.125 01Oct35 BondCall	US087872AE55	SNRFOR	
AES	THE AES CORPORATION	AES (4) 1.375 15Jan28	US0913001H10	SNRFOR	
ALL	The Allstate Corporation	ALL 1.45 15Dec30	US0920002B96	SNRFOR	
BA	THE BEOING COMPANY	BA 2.8 30Oct25	US097023BP90	SNRFOR	
DOV	The Dow Chemical Company	DOV 7.375 01Nov29	US0992543E10	SNRFOR	
HD	The Home Depot, Inc.	HD 8.875 16Dec38 BondCall	US0437076AS19	SNRFOR	
KR	THE KROGER CO.	KR 4.5 15Jan29	US01044DL23	SNRFOR	
PS	The Procter & Gamble Company	PS 2.28Apr30	US0714271B171	SNRFOR	
SHW	The Sherwin-Williams Company	SHW 7.375 01Feb27	US082438AL09	SNRFOR	
SO	THE SOUTHERN COMPANY	SO 2.26 01Apr28	US084268V772	SNRFOR	
THWAL	The Walgreens Company	THWAL 1.01 3.7 15Sep24	US084887CZ75	SNRFOR	
WMB	THE WILLIAMS COMPANIES, INC.	WMB 4.25 24Jun24	US0896457W98	SNRFOR	
BTMabius	T. M. B. Co.	BTMabius 4.375 01Feb28	US092444V101	SNRFOR	
TOL	Toll Brothers, Inc.	TOL 4.35 15Feb28	US08847EAT73	SNRFOR	
TRP	TRANSCANADA PIPELINES LIMITED	TRP 4.875 15Jan28	US089328HA768	SNRFOR	
TEN	Transocean, Inc.	TEN 3.55 02Jun27	US090308BB26	SNRFOR	
UNP	Union Pacific Corporation	UNP 6.625 01Feb29	US090781CF33	SNRFOR	
UPS	United Parcel Service, Inc.	UPS 3.875 01Apr30	US091138AB04	SNRFOR	
UNH	UnitedHealth Group Incorporated	UNH 2.85 15Oct27	US091324PE831	SNRFOR	
VLO	Valero Energy Corporation	VLO 8.75 15Jan30	US091913YAB65	SNRFOR	
VZ	Verizon Communications Inc.	VZ 4.125 18Mar27	US092343V074	SNRFOR	
WALMART INC.	WALMART INC.	WALMART 5.875 04Apr27	US0931142C446	SNRFOR	
WY	Weyerhaeuser Corporation	WY (5) 3.75 15Mar32	US092166BK41	SNRFOR	
WHR	Whirlpool Corporation	WHR 4.75 28Feb29	US096332AAW61	SNRFOR	