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| CDX.NA.HY.41 |      |  |
|              |      |  |

| Reference Obligations Being Replaced            | 6  |
|---|----|
| Reference Entities Being Updated                | 0  |
| New Reference Entity and Obligation Being Added | 5  |
| Unchanged Reference Entities and Obligations    | 89 |

| Removed Entities                 |   |
|----------------------------------|---|
| APACHE CORPORATION               | Ī |
| Avon Products, Inc.              | Ī |
| Netflix, Inc.                    |   |
| OCCIDENTAL PETROLEUM CORPORATION |   |
|                                  |   |

CDX.NA.HY.41
Reference Obligations Being Replaced: 6
Reference obligations for the index constituents listed below are no longer suitable for inclusion.

| Currently in Index |                                |                          |               | Expected replacements |                        |              |        |
|--------------------|--------------------------------|--------------------------|---------------|-----------------------|------------------------|--------------|--------|
| Ticker             | Reference Entity               | Instrument Name          | ISIN          | Tier                  | Instrument Name        | ISIN         | Tier   |
| BLL                | Ball Corporation               | BLL 4 15Nov23            | US058498AS54  | SNRFOR                | BLL 2.875 15Aug30      | US058498AW66 | SNRFOR |
| PBI                | Pitney Bowes Inc.              | PBI 4.625 15Mar24        | US724479AJ97  | SNRFOR                | PBI 7.25 15Mar29       | US724479AQ31 | SNRFOR |
| TSG                | Sabre Holdings Corporation     | SABRGLB 9.25 15Apr25     | US78573NAC65  | SECDOM                | SABRGLB 11.25 15Dec27  | US78573NAH52 | SECDOM |
| TRADIG             | TransDigm Inc.                 | TRADIG (2) 6.375 15Jun26 | US893647BB29  | SUBLT2                | TRADIG (2) 5.5 15Nov27 | US893647BL01 | SUBLT2 |
| UNITAIBJ           | UNITED AIRLINES HOLDINGS, INC. | UNITAIBJ 5 01Feb24       | US910047AH22  | SNRFOR                | UNITAIBJ 4.875 15Jan25 | US910047AK50 | SNRFOR |
| ARAMSER            | Aramark Services Inc           | ARAMSER 6 375 01May/25   | LIS038522ARQQ | SNRFOR                | ARAMSER 5.01Feb28      | US038522∆O17 | SNRFOR |

## Reference Entities Being Updated: 0

| The index constituents listed b | elow have gone through a corporate action or credit e | vent.           |      |                |         |                      |                 |      |      |
|---------------------------------|---|-----------------|------|----------------|---------|----------------------|-----------------|------|------|
| Currently in Index              |   |                 |      | Expected repla | cements |                      |                 |      |      |
| Ticker                          | Reference Entity                                      | Instrument Name | ISIN | Tier           | Ticker  | New Reference Entity | Instrument Name | ISIN | Tier |

## New Reference Entity and Obligation Being Added: 5

| 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   |  |  |  |
| CLOUDSO  | CLOUD SOFTWARE GROUP, INC.                      | CLOUDSO 9 30Sep29        | US18912UAA07 | SECDOM |  |  |  |
| STRCRU-NCL   | NCL Corporation Ltd.                            | STRCRU-NCL 7.75 15Feb29  | US62886HBG56 | SNRFOR |  |  |  |
| MEDLBOR  | MEDLINE BORROWER, LP                            | MEDLBOR (4) 5.25 01Oct29 | US62482BAB80 | SNRFOR |  |  |  |
| ORGACO   | Organon & Co.                                   | ORGACO 5.125 30Apr31     | US68622TAB70 | SNRFOR |  |  |  |
| VENTUGL  | Venture Global LNG, Inc.                        | VENTUGL 8.375 01Jun31    | US92332YAB74 | SECDOM |  |  |  |

## Unchanged Reference Entities and Obligations: 89

| Ticker            | Currently in Index Reference Entity                                  | Instrument Name                                | IISIN                        | Tier             | 1  |
|-------------------|--|--|------------------------------|------------------|--|
| AMERAIAI          | American Airlines Group Inc.   | AMERAIAI 3 75 01Mar25                          | US02376RAE27                 | SNRFOR           | +  |
| AXL-Inc           | American Axle & Manufacturing, Inc.                                  | AXL-Inc 6.25 15Mar26                           | US02406PAY60                 | SNRFOR           | +  |
| AMKR              | Amkor Technology, Inc.   | AMKR 6.625 15Sep27                             | US031652BK50                 | SNRFOR           | †  |
| XTO-ANTERO        | Antero Resources Corporation   | XTO-ANTERO 5.375 01Mar30                       | US03674XAS53                 | SNRFOR           | †  |
| ANYWHRE           | Anywhere Real Estate Group LLC                                       | ANYWHRE (2) 5.25 15Apr30                       | US75606DAQ43                 | SNRFOR           | Ī  |
| ASHLINC           | ASHLAND INC.   | ASHLINC (3) 3.375 01Sep31                      | US04433LAA08                 | SNRFOR           | I  |
| AVIECOR           | Avient Corporation   | AVIECOR (3) 5.75 15May25                       | US73179PAM86                 | SNRFOR           |  |
| AVBDGT            | Avis Budget Group, Inc.  | CD-AvisBdgt 4.75 01Apr28                       | US053773BG13                 | SNRFOR           |  |
| BATHB<br>BAUSHEA  | Bath & Body Works, Inc. Bausch Health Companies Inc.                 | BATHB 5.25 01Feb28<br>BAUSHEA 7 15Jan28        | US501797AN49<br>US071734AD90 | SNRFOR<br>SNRFOR | 4  |
| BZH               | BEAZER HOMES USA, INC.   | BZH (3) 6.75 15Mar25                           | US07556QBM69                 | SNRFOR           | +  |
| BOMBINC           | BOMBARDIER INC.  | BOMBINC (3) 7.45 01May34                       | USC10602AJ68                 | SNRFOR           | †  |
| BYD               | Boyd Gaming Corporation  | BYD 7.125 01Feb16 BondCall                     | US09689RAA77                 | SUBLT2           | Redeemed; No suitable replacement available. |
| CAESARE           | Caesars Entertainment, Inc.  | CAESARE 4.625 15Oct29                          | US12769GAA85                 | SNRFOR           | 1  |
| CPN               | Calpine Corporation  | CPN 5.125 15Mar28                              | US131347CN48                 | SNRFOR           | 1  |
| CCL               | CARNIVAL CORPORATION   | CCL 6.65 15Jan28                               | US143658AH53                 | SNRFOR           |  |
| CARVCO            | Carvana Co.  | CARVCO 5.5 15Apr27                             | US146869AF95                 | SNRFOR           | 1  |
| CHTR-CCOH         | CCO Holdings, LLC  | CHTR-CCOH 5 01Feb28                            | US1248EPBX05                 | SNRFOR           | 1  |
| CHK               | Chesapeake Energy Corporation  | CHK 5.875 01Feb29                              | US165167DG90                 | SNRFOR           |  |
| CLEVINC           | Cleveland-Cliffs Inc.  | CLEVINC (4) 5.875 01Jun27<br>CTV 7.125 01Jul28 | US185899AH46<br>US203372AV94 | SNRFOR<br>SNRFOR | 4  |
| CYH               | CommScope, Inc.  | COMMHS 6.875 01Apr28                           | US12543DBE94                 | SNRFOR           | +  |
| CVSHLD            | Community Health Systems, Inc.<br>CSC Holdings, LLC                  | CVSHLD (3) 5.375 01Feb28                       | USU2285XAG17                 | SNRFOR           | +  |
| DAVITIN           | DaVita Inc.  | DAVITIN 4.625 01Jun30                          | US23918KAS78                 | SNRFOR           | †  |
| DAL               | Delta Air Lines, Inc.  | DAL 7.375 15Jan26                              | US247361ZZ42                 | SNRFOR           | 7  |
| DISHN-DDBSC       | DISH DBS Corporation   | DISHN-DDBSC (3) 7.375 01Jul28                  | US25470XBB01                 | SNRFOR           | 1  |
| OOMC              | Domtar Corporation   | DOMC 6.25 01Sep42                              | US257559AJ34                 | SNRFOR           | 1  |
| EQMMID            | EQM Midstream Partners, LP   | EQMMID 4 01Aug24                               | US26885BAA89                 | SNRFOR           | 1  |
| F                 | Ford Motor Company   | F 4.346 08Dec26                                | US345370CR99                 | SNRFOR           | 4  |
| FRCOMM            | Frontier Communications Holdings, LLC                                | FRCOMM (4) 6.75 01May29                        | US35906ABG22                 | SECDOM           | 4  |
| GENWHOL           | Genworth Holdings, Inc.  | GENWHOL 6.5 15Jun34                            | US37247DAB29                 | SNRFOR           | +  |
| GFLEN<br>HILTDOM  | GFL Environmental Inc.   | GFLEN 4.75 15Jun29<br>HILTDOM 5.375 01May25    | US36168QAN43<br>US432833AG67 | SNRFOR           | +  |
| HOWMAER           | Hilton Domestic Operating Company Inc. Howmet Aerospace Inc.         | HOWMAER 5.125 01Oct24                          | US013817AW16                 | SNRFOR           | +  |
| HEAINC            | iHeartCommunications, Inc.   | IHEAINC 8.375 01May27                          | US45174HBD89                 | SNRFOR           | +  |
| RONMOAF           | Iron Mountain Incorporated   | IRONMOAF 4.875 15Sep27                         | US46284VAC54                 | SNRFOR           | +  |
| HOV-K             | K. Hovnanian Enterprises, Inc.                                       | HOV-K 7 15 lan19                               | US442488BV31                 | SNRFOR           | Redeemed: No suitable replacement available. |
| KBH               | KB HOME  | KBH 6.875 15Jun27                              | US48666KAX72                 | SNRFOR           |  |
| KSS               | Kohl's Corporation   | KSS 4.25 17Jul25                               | US500255AU88                 | SNRFOR           |  |
| LAMBWES           | Lamb Weston Holdings, Inc.   | LAMBWES 4.875 15May28                          | US513272AC82                 | SNRFOR           | 1  |
| LITLC             | Liberty Interactive LLC  | LITLC 8.5 15Jul29                              | US530715AD31                 | SNRFOR           | 1  |
| _PX               | Louisiana-Pacific Corporation  | LPX 3.625 15Mar29                              | US546347AM73                 | SNRFOR           |  |
| LUMETEC           | Lumen Technologies, Inc.   | LUMETEC (4) 5.625 01Apr25                      | US156700AZ93                 | SNRFOR           |  |
| M                 | Macy's, Inc.   | M-RHI 4.5 15Dec34                              | US55616XAM92                 | SNRFOR           | 1  |
| MBI               | MBIA Inc.  | MBI 6.625 01Oct28                              | US55262CAF77                 | SNRFOR           |  |
| MGIC              | MGIC Investment Corporation  | MGIC 5.25 15Aug28                              | US552848AG81                 | SNRFOR           | 4  |
| MGMRI<br>MPW-OPLP | MGM Resorts International MPT Operating Partnership, L.P.            | MGMRI 5.75 15Jun25<br>MPW-OPLP 4.625 01Aug29   | US552953CE90<br>US55342UAJ34 | SNRFOR<br>SNRFOR | 4  |
| MUR               | MURPHY OIL CORPORATION   | MUR 7.05 01May29                               | US626717AA04                 | SNRFOR           | +  |
| NBR-Inc           | Nabors Industries, Inc.  | NBR-Inc (2) 5.75 01Feb25                       | US62957HAF29                 | SNRFOR           | †  |
| NAVIECO           | Navient Corporation  | NAVIECO (3) 5.5 15Mar29                        | US63938CAM01                 | SNRFOR           |  |
| NEALBE            | New Albertsons L.P.  | NEALBE 8 01May31                               | US013104AL86                 | SNRFOR           | 1  |
| NEWEBRA           | Newell Brands Inc.   | NEWEBRA 4.2 01Apr26                            | US651229AW64                 | SNRFOR           | 1  |
| JWN               | Nordstrom, Inc.  | JWN 6.95 15Mar28                               | US655664AH33                 | SNRFOR           |  |
| NCX               | NOVA Chemicals Corporation   | NCX 4.875 01Jun24                              | USC67111AH49                 | SNRFOR           |  |
| KEL-NRGInc        | NRG Energy, Inc.   | XEL-NRGInc (2) 5.75 15Jan28                    | US629377CE03                 | SNRFOR           | 1  |
| OLN<br>ONEMFIAK   | Olin Corporation   | OLN 5.125 15Sep27<br>ONEMFIAK 6.625 15Jan28    | US680665AJ53<br>US85172FAQ28 | SNRFOR<br>SNRFOR | +  |
| PACTLLC           | OneMain Finance Corporation Pactiv LLC                               | PACTLLC 7.95 15Dec25                           | US880394AB71                 | SNRFOR           | †  |
| PCG               | PG&E CORPORATION   | PCG 5 01Jul28                                  | US69331CAH16                 | SECDOM           | †  |
| POSTHOL           | Post Holdings, Inc.  | POSTHOL 5.75 01Mar27                           | US737446AM60                 | SNRFOR           | †  |
| DNY               | R.R. Donnelley & Sons Company  | DNY 8.25 01Jul27                               | US257867BE01                 | SNRFOR           | 1  |
| RAD               | Rite Aid Corporation   | RAD 7.7 15Feb27                                | US767754AJ35                 | SNRFOR           | 1  |
| RCL               | ROYAL CARIBBEAN CRUISES LTD.   | RCL 3.7 15Mar28                                | US780153AW20                 | SNRFOR           | 1  |
| SWY               | Safeway Inc.   | SWY 7.25 01Feb31                               | US786514BA67                 | SNRFOR           | 1  |
| SEE               | Sealed Air Corporation   | SEE 6.875 15Jul33                              | US81211KAK60                 | SNRFOR           | 4  |
| SERVIPR           | Service Properties Trust   | SERVIPR 5.5 15Dec27                            | US81761LAB80                 | SNRFOR           | +  |
| SRSRI<br>STANBUI  | Sirius XM Radio Inc.   | SRSRI 5.5 01Jul29                              | US82967NBC11                 | SNRFOR<br>SNRFOR | +  |
| SPLS              | STANDARD BUILDING SOLUTIONS INC.                                     | STANBUI (4) 5 15Feb27                          | US853496AC17                 |                  | +  |
| SPLS<br>TEGNINC   | Staples, Inc. TEGNA Inc.   | SPLS 10.75 15Apr27<br>TEGNINC 4.75 15Mar26     | US855030AP77<br>US87901JAF21 | SNRFOR<br>SNRFOR | †  |
| THC               | TENET HEALTHCARE CORPORATION   | THC (2) 6.875 15Nov31                          | US88033GAV23                 | SNRFOR           | †  |
| TEVA              | TEVA PHARMACEUTICAL INDUSTRIES LIMIT                                 | EDITEVAPHAG 3.15 010cl26                       | US88167AAE10                 | SNRFOR           | †  |
| THADT             | THE ADT SECURITY CORPORATION   | THADT (3) 4.125 15Jun23                        | US00101JAH95                 | SNRFOR           | Matured: No suitable replacement available.  |
| GPS               | THE GAP, INC.  | GPS 3.625 01Oct29                              | US364760AP35                 | SNRFOR           | 1  |
| ĠT .              | The Goodyear Tire & Rubber Company                                   | GT 5 31May26                                   | US382550BF73                 | SNRFOR           | 1  |
| -Hertz            | THE HERTZ CORPORATION  | F-Hertz 5 01Dec29                              | US428040DB25                 | SNRFOR           | 1  |
| RIG               | Transocean Inc.  | RIG 8 01Feb27                                  | US893830BL24                 | SNRFOR           | 1  |
| UBERTEC           | Uber Technologies, Inc.  | UBERTEC 7.5 15May25                            | US90353TAF75                 | SNRFOR           |  |
| JIS               | Unisys Corporation   | UIS (2) 5.5 01Mar21                            | US909214BS68                 | SNRFOR           | Matured; No suitable replacement available.  |
| UNITREN           | UNITED RENTALS (NORTH AMERICA), INC. UNITED STATES STEEL CORPORATION | UNITREN 3.875 15Feb31<br>X 6.65 01Jun37        | US911363AM11                 | SNRFOR<br>SNRFOR | +  |
| x<br>UNITIGR      | United STATES STEEL CORPORATION Uniti Group Inc.                     | X 6.65 01Jun37<br>UNITFIB 4 15Jun24            | US912909AD03<br>US91325LAA89 | SNRFOR           | +  |
| JHS               | Universal Health Services, Inc.                                      | UHS (2) 2.65 15Jan32                           | US91325LAA89                 | SECDOM           | +  |
| UVN               | UNIVISION COMMUNICATIONS INC.  | UVN (2) 8.5 15May21                            | USU91505AD64                 | SNRFOR           | Redeemed; No suitable replacement available. |
| VISTOPE           | VISTRA OPERATIONS COMPANY LLC  | VISTOPE 5.5 01Sep26                            | US92840VAA08                 | SNRFOR           | Total available                              |
| WFT               | Weatherford International Ltd.                                       | WFT 8.625 30Apr30                              | US947075AU14                 | SNRFOR           | 1  |
|                   |  |  |                              |                  |  |
| XRX<br>YUM        | XEROX CORPORATION YUM! Brands, Inc.                                  | XRX 3.8 15May24<br>YUM 3.625 15Mar31           | US984121CJ06                 | SNRFOR           |  |