

Information on the Securities Lending in the “Asset Purchase Programme” (APP)

Deutsche Bundesbank has made its holdings of securities purchased under the “Public Sector Purchase Programme” (PSPP) and “Corporate Sector Purchase Programme” (CSPP) available for securities lending.

Since April 2015 Deutsche Bundesbank participates in “Automated Securities Lending” (ASL), which enables borrowers to avoid settlement failures (fails-lending). Since 5 October 2015 Bundesbank’s PSPP holdings are also available for lending via Clearstream’s strategic lending facility “Automated Securities Lending Plus” (ASLplus). **Since 18 July 2016 CSPP holdings are also available via this channel.**

In ASLplus, market participants are able to borrow securities out of Bundesbank’s PSPP and CSPP holdings at a minimum spread over the prevailing rate for General Collateral (GC). Bundesbank’s PSPP and CSPP holdings are available for lending via ASLplus on a cash neutral basis. The maximum term for a securities lending transaction in ASLplus is 35 days.

Market participants looking to borrow bonds via ASLplus out of Bundesbank’s PSPP and CSPP holdings are requested to contact Clearstream Banking¹ in order to make the arrangements necessary for a participation in this facility.

In addition to Clearstream Banking’s securities lending facilities, Deutsche Bundesbank is preparing a facility for bilateral transactions for PSPP holdings which combine repo and reverse repo transactions. Details will be published here as soon as possible.

For further information please contact Bundesbank’s market operations division under the following mail address: BBk-SecLending@bundesbank.de.

PSPP holdings available for Lending under ASL (“fails lending”):

Currently Deutsche Bundesbank makes the following bonds, which are bought under the “Public Sector Purchase Programme” (PSPP), available for securities lending via the „Automated Securities Lending” (ASL) programme of Clearstream Banking Luxembourg (CBL):

¹ Clearstream Banking London, ASLplus Securities Lending Desk, direct line +44-20-7862-7626, Bloomberg address: CLEAR-STREAM SECLND

DE0001030526	DBRI 1 3/4 04/15/20	DEUTSCHLAND I/L BOND
DE0001030534	OBLI 0 3/4 04/15/18	BUNDESOBLIGATION I/L
DE0001030542	DBRI 0.1 04/15/23	DEUTSCHLAND I/L BOND
DE0001030559	DBRI 0 1/2 04/15/30	DEUTSCHLAND I/L BOND
DE0001030567	DBRI 0.1 04/15/26	DEUTSCHLAND I/L BOND
DE0001030575	DBRI 0.1 04/15/46	DEUTSCHLAND I/L BOND
DE0001102309	DBR 1 1/2 02/15/23	BUNDESREPUB. DEUTSCHLAND
DE0001102317	DBR 1 1/2 05/15/23	BUNDESREPUB. DEUTSCHLAND
DE0001102325	DBR 2 08/15/23	BUNDESREPUB. DEUTSCHLAND
DE0001102333	DBR 1 3/4 02/15/24	BUNDESREPUB. DEUTSCHLAND
DE0001102341	DBR 2 1/2 08/15/46	BUNDESREPUB. DEUTSCHLAND
DE0001102358	DBR 1 1/2 05/15/24	BUNDESREPUB. DEUTSCHLAND
DE0001102366	DBR 1 08/15/24	BUNDESREPUB. DEUTSCHLAND
DE0001102374	DBR 0 1/2 02/15/25	BUNDESREPUB. DEUTSCHLAND
DE0001102382	DBR 1 08/15/25	BUNDESREPUB. DEUTSCHLAND
DE0001102390	DBR 0 1/2 02/15/26	BUNDESREPUB. DEUTSCHLAND
DE0001102408	DBR 0 08/15/26	BUNDESREPUB. DEUTSCHLAND
DE0001104602	BKO 0 06/16/17	BUNDESSCHATZANWEISUNGEN
DE0001134922	DBR 6 1/4 01/04/24	BUNDESREPUB. DEUTSCHLAND
DE0001135044	DBR 6 1/2 07/04/27	BUNDESREPUB. DEUTSCHLAND
DE0001135069	DBR 5 5/8 01/04/28	BUNDESREPUB. DEUTSCHLAND
DE0001135085	DBR 4 3/4 07/04/28	BUNDESREPUB. DEUTSCHLAND
DE0001135143	DBR 6 1/4 01/04/30	BUNDESREPUB. DEUTSCHLAND
DE0001135176	DBR 5 1/2 01/04/31	BUNDESREPUB. DEUTSCHLAND
DE0001135226	DBR 4 3/4 07/04/34	BUNDESREPUB. DEUTSCHLAND
DE0001135275	DBR 4 01/04/37	BUNDESREPUB. DEUTSCHLAND
DE0001135325	DBR 4 1/4 07/04/39	BUNDESREPUB. DEUTSCHLAND
DE0001135333	DBR 4 1/4 07/04/17	BUNDESREPUB. DEUTSCHLAND
DE0001135341	DBR 4 01/04/18	BUNDESREPUB. DEUTSCHLAND
DE0001135358	DBR 4 1/4 07/04/18	BUNDESREPUB. DEUTSCHLAND
DE0001135366	DBR 4 3/4 07/04/40	BUNDESREPUB. DEUTSCHLAND
DE0001135374	DBR 3 3/4 01/04/19	BUNDESREPUB. DEUTSCHLAND
DE0001135382	DBR 3 1/2 07/04/19	BUNDESREPUB. DEUTSCHLAND
DE0001135390	DBR 3 1/4 01/04/20	BUNDESREPUB. DEUTSCHLAND
DE0001135408	DBR 3 07/04/20	BUNDESREPUB. DEUTSCHLAND
DE0001135416	DBR 2 1/4 09/04/20	BUNDESREPUB. DEUTSCHLAND
DE0001135424	DBR 2 1/2 01/04/21	BUNDESREPUB. DEUTSCHLAND
DE0001135432	DBR 3 1/4 07/04/42	BUNDESREPUB. DEUTSCHLAND

DE0001135440	DBR 3 1/4 07/04/21	BUNDESREPUB. DEUTSCHLAND
DE0001135457	DBR 2 1/4 09/04/21	BUNDESREPUB. DEUTSCHLAND
DE0001135465	DBR 2 01/04/22	BUNDESREPUB. DEUTSCHLAND
DE0001135473	DBR 1 3/4 07/04/22	BUNDESREPUB. DEUTSCHLAND
DE0001135481	DBR 2 1/2 07/04/44	BUNDESREPUB. DEUTSCHLAND
DE0001135499	DBR 1 1/2 09/04/22	BUNDESREPUB. DEUTSCHLAND
DE0001141646	OBL 0 1/2 10/13/17	BUNDESOBLIGATION
DE0001141653	OBL 0 1/2 02/23/18	BUNDESOBLIGATION
DE0001141661	OBL 0 1/4 04/13/18	BUNDESOBLIGATION
DE0001141679	OBL 1 10/12/18	BUNDESOBLIGATION
DE0001141687	OBL 1 02/22/19	BUNDESOBLIGATION
DE0001141695	OBL 0 1/2 04/12/19	BUNDESOBLIGATION
DE0001141703	OBL 0 1/4 10/11/19	BUNDESOBLIGATION
DE0001141711	OBL 0 04/17/20	BUNDESOBLIGATION
DE0001141729	OBL 0 1/4 10/16/20	BUNDESOBLIGATION
DE0001141737	OBL 0 04/09/21	BUNDESOBLIGATION
DE0002760980	KFW 3 1/2 07/04/21	KFW
DE0002764198	KFW 5 1/2 01/22/18	KFW
DE000A0KAV21	BERGER 4 1/4 04/25/22	LAND BERLIN
DE000A0L1CY5	KFW 3 7/8 01/21/19	KFW
DE000A0MFJX5	KFW 4 1/8 07/04/17	KFW
DE000A0PM5F0	KFW 4 5/8 01/04/23	KFW
DE000A0SLD89	KFW 4 3/8 07/04/18	KFW
DE000A0Z1Q49	HESSSEN 3 3/4 04/12/21	LAND HESSEN
DE000A11QJ16	BREMEN 0 1/2 03/03/25	FREIE HANSESTADT BREMEN
DE000A11QJ32	BREMEN 0 1/2 07/30/21	FREIE HANSESTADT BREMEN
DE000A11QKV3	LBANK 0 1/4 11/25/19	L-BANK BW FOERDERBANK
DE000A11QTA8	KFW 0.05 11/30/17	KFW
DE000A11QTD2	KFW 0 5/8 01/15/25	KFW
DE000A11QTF7	KFW 0 3/8 04/23/30	KFW
DE000A11QTG5	KFW 0 5/8 07/04/22	KFW
DE000A11QTK7	KFW 1 3/8 07/31/35	KFW
DE000A13R6X4	BERGER 0 3/4 11/11/22	LAND BERLIN
DE000A13R6Z9	BERGER 0 1/2 02/10/25	LAND BERLIN
DE000A13R9G3	LBANK 0 1/8 11/05/20	L-BANK BW FOERDERBANK
DE000A13R9J7	LBANK 0.05 11/09/21	L-BANK BW FOERDERBANK
DE000A13R9M1	LBANK 0 3/8 04/13/26	L-BANK BW FOERDERBANK
DE000A14J3F7	BERGER 0 1/4 04/22/25	LAND BERLIN

DE000A14JYT7	BADWUR 0 5/8 01/16/25	LAND BADEN-WUERTTEMBERG
DE000A14JYV3	BADWUR 0 5/8 02/03/25	LAND BADEN-WUERTTEMBERG
DE000A161WS6	BERGER 0 3/4 09/08/23	LAND BERLIN
DE000A168015	BERGER 0 5/8 03/20/26	LAND BERLIN
DE000A168023	BERGER 1 05/19/32	LAND BERLIN
DE000A168031	BERGER 0 12/11/24	STATE OF BERLIN
DE000A1680M0	BREMEN 0 1/8 05/30/23	FREIE HANSESTADT BREMEN
DE000A168Y06	KFW 0 1/8 06/01/20	KFW
DE000A168Y14	KFW 0 12/07/18	KFW
DE000A168Y22	KFW 0 3/8 03/15/23	KFW
DE000A168Y48	KFW 1 1/4 07/04/36	KFW
DE000A168Y55	KFW 0 3/8 03/09/26	KFW
DE000A1CR4S5	KFW 3 5/8 01/20/20	KFW
DE000A1DAMM0	KFW 2 1/4 09/21/17	KFW
DE000A1EWEJ5	KFW 3 3/8 01/18/21	KFW
DE000A1H36X9	KFW 3 1/8 06/15/18	KFW
DE000A1K0UA9	KFW 2 5/8 08/16/19	KFW
DE000A1K0UG6	KFW 2 1/2 01/17/22	KFW
DE000A1MBB62	KFW 1 7/8 03/20/19	KFW
DE000A1R06T9	BERGER 1 7/8 06/12/23	LAND BERLIN
DE000A1R0709	KFW 1 1/2 06/11/24	KFW
DE000A1R07S9	KFW 2 1/8 08/15/23	KFW
DE000A1R07T7	KFW 1 1/8 10/16/18	KFW
DE000A1R07V3	KFW 1 5/8 01/15/21	KFW
DE000A1R07W1	KFW 0 5/8 02/12/18	KFW
DE000A1R07X9	KFW 0 7/8 03/18/19	KFW
DE000A1RET15	KFW 0 7/8 10/13/17	KFW
DE000A1RET23	KFW 1 1/4 10/17/19	KFW
DE000A1RET49	KFW 1 1/8 01/15/20	KFW
DE000A1RET80	KFW 0 7/8 06/25/18	KFW
DE000A1RQCJ3	HESSSEN 0 3/8 03/10/23	LAND HESSEN
DE000A1RQCL9	HESSSEN 0 1/2 02/17/25	LAND HESSEN
DE000A1RQCP0	HESSSEN 0 1/4 06/10/25	LAND HESSEN
DE000A1RQCT2	HESSSEN 0 3/8 07/04/22	LAND HESSEN
DE000A1RQCY2	HESSSEN 0 3/8 07/06/26	LAND HESSEN
DE000A1X27Y3	LBANK 1 11/19/18	L-BANK BW FOERDERBANK
DE000A1YCQK7	HAMBRG 0 1/2 04/27/26	FREIE HANSESTADT HAMBURG
DE000A2AAKB1	NIESA 0 3/8 01/19/23	LAND NIEDERSACHSEN

DE000A2AARZ5	KFW 0 06/30/21	KFW
DE000A2AAWN1	NIESA 0 1/2 06/08/26	LAND NIEDERSACHSEN
DE000A2BN3T9	NIESA 0 08/02/24	LAND NIEDERSACHSEN
DE000NRW0E68	NRW 1 7/8 09/15/22	LAND NORDRHEIN-WESTFALEN
DE000NRW0F26	NRW 1 5/8 10/24/30	LAND NORDRHEIN-WESTFALEN
DE000NRW0F67	NRW 1 01/16/25	LAND NORDRHEIN-WESTFALEN
DE000NRW0F91	NRW 0 1/2 12/15/21	LAND NORDRHEIN-WESTFALEN
DE000NRW0FU3	NRW 1 1/4 03/14/25	LAND NORDRHEIN-WESTFALEN
DE000NRW0GJ4	NRW 0 3/8 02/16/23	LAND NORDRHEIN-WESTFALEN
DE000NRW0GS5	NRW 0.2 04/17/23	LAND NORDRHEIN-WESTFALEN
DE000NRW0HT1	NRW 0 5/8 11/17/23	LAND NORDRHEIN-WESTFALEN
DE000NRW0JF6	NRW 0 1/8 03/16/23	LAND NORDRHEIN-WESTFALEN
DE000NRW0JH2	NRW 0 1/2 04/16/26	LAND NORDRHEIN-WESTFALEN
DE000NRW0JJ8	NRW 1 1/4 05/12/36	LAND NORDRHEIN-WESTFALEN
DE000NRW2152	NRW 2 3/8 05/13/33	LAND NORDRHEIN-WESTFALEN
DE000NRW21X4	NRW 1 1/4 03/13/20	LAND NORDRHEIN-WESTFALEN
DE000NRW23J9	NRW 1 7/8 03/15/24	LAND NORDRHEIN-WESTFALEN
DE000NWB0329	NRWBK 3 7/8 01/27/20	NRW.BANK
DE000NWB0451	NRWBK 4 1/4 04/29/19	NRW.BANK
DE000NWB0519	NRWBK 2 09/16/22	NRW.BANK
DE000NWB0535	NRWBK 1 1/4 10/22/18	NRW.BANK
DE000NWB0584	NRWBK 0 1/2 05/11/26	NRW.BANK
DE000NWB0AB2	NRWBK 0 1/4 11/05/18	NRW.BANK
DE000NWB0AC0	NRWBK 0 7/8 11/10/25	NRW.BANK
DE000NWB15F7	NRWBK 1 7/8 09/22/17	NRW.BANK
DE000NWB16S8	NRWBK 0 1/2 06/06/18	NRW.BANK
DE000NWB16X8	NRWBK 0 1/2 07/23/18	NRW.BANK
DE000NWB2DY4	NRWBK 0 1/8 01/18/21	NRW.BANK
DE000NWB2EA2	NRWBK 0 01/27/20	NRW.BANK
DE000RLP0413	RHIPAL 1 1/4 01/16/20	LAND RHEINLAND-PFALZ
DE000RLP0645	RHIPAL 0 1/2 01/21/25	LAND RHEINLAND-PFALZ
DE000RLP0736	RHIPAL 0 1/8 03/01/23	LAND RHEINLAND-PFALZ
XS0332675502	RENTEN 4 3/8 11/27/17	LANDWIRTSCH. RENTENBANK
XS0652914366	RENTEN 2 02/20/19	LANDWIRTSCH. RENTENBANK
XS0670798171	RENTEN 2 7/8 08/30/21	LANDWIRTSCH. RENTENBANK
XS0780331004	RENTEN 1 7/8 05/11/20	LANDWIRTSCH. RENTENBANK
XS0795453769	RENTEN 1 5/8 10/01/19	LANDWIRTSCH. RENTENBANK
XS0994797529	RENTEN 1 3/8 11/19/20	LANDWIRTSCH. RENTENBANK

XS1069776232	RENTEN 1 1/4 05/20/22	LANDWIRTSCH. RENTENBANK
XS1087815483	KFW 0 3/8 07/22/19	KFW
XS1192872866	RENTEN 0 5/8 02/20/30	LANDWIRTSCH. RENTENBANK
XS1311459694	KFW 0 1/8 10/27/20	KFW
XS1324535514	RENTEN 0 1/4 11/24/22	LANDWIRTSCH. RENTENBANK
XS1347758663	RENTEN 0 3/8 01/22/24	LANDWIRTSCH. RENTENBANK
XS1379610675	RENTEN 0 3/8 03/16/26	LANDWIRTSCH. RENTENBANK
XS1414146669	KFW 0.05 05/30/24	KFW

PSPP holdings available for Lending under ASLplus ("strategic lending"):

Currently Deutsche Bundesbank makes the following bonds, which are bought under the "Public Sector Purchase Programme" (PSPP), available for securities lending via the „Automated Securities Lending Plus" (ASLplus) programme of Clearstream Banking Luxembourg (CBL):

DE0001030526	DBRI 1 3/4 04/15/20	DEUTSCHLAND I/L BOND
DE0001030534	OBLI 0 3/4 04/15/18	BUNDESOBLIGATION I/L
DE0001030542	DBRI 0.1 04/15/23	DEUTSCHLAND I/L BOND
DE0001030559	DBRI 0 1/2 04/15/30	DEUTSCHLAND I/L BOND
DE0001030567	DBRI 0.1 04/15/26	DEUTSCHLAND I/L BOND
DE0001102309	DBR 1 1/2 02/15/23	BUNDESREPUB. DEUTSCHLAND
DE0001102317	DBR 1 1/2 05/15/23	BUNDESREPUB. DEUTSCHLAND
DE0001102325	DBR 2 08/15/23	BUNDESREPUB. DEUTSCHLAND
DE0001102333	DBR 1 3/4 02/15/24	BUNDESREPUB. DEUTSCHLAND
DE0001102341	DBR 2 1/2 08/15/46	BUNDESREPUB. DEUTSCHLAND
DE0001102358	DBR 1 1/2 05/15/24	BUNDESREPUB. DEUTSCHLAND
DE0001102366	DBR 1 08/15/24	BUNDESREPUB. DEUTSCHLAND
DE0001102374	DBR 0 1/2 02/15/25	BUNDESREPUB. DEUTSCHLAND
DE0001102382	DBR 1 08/15/25	BUNDESREPUB. DEUTSCHLAND
DE0001102390	DBR 0 1/2 02/15/26	BUNDESREPUB. DEUTSCHLAND
DE0001134922	DBR 6 1/4 01/04/24	BUNDESREPUB. DEUTSCHLAND
DE0001135044	DBR 6 1/2 07/04/27	BUNDESREPUB. DEUTSCHLAND
DE0001135069	DBR 5 5/8 01/04/28	BUNDESREPUB. DEUTSCHLAND
DE0001135085	DBR 4 3/4 07/04/28	BUNDESREPUB. DEUTSCHLAND
DE0001135143	DBR 6 1/4 01/04/30	BUNDESREPUB. DEUTSCHLAND
DE0001135176	DBR 5 1/2 01/04/31	BUNDESREPUB. DEUTSCHLAND
DE0001135226	DBR 4 3/4 07/04/34	BUNDESREPUB. DEUTSCHLAND

DE0001135275	DBR 4 01/04/37	BUNDESREPUB. DEUTSCHLAND
DE0001135325	DBR 4 1/4 07/04/39	BUNDESREPUB. DEUTSCHLAND
DE0001135358	DBR 4 1/4 07/04/18	BUNDESREPUB. DEUTSCHLAND
DE0001135366	DBR 4 3/4 07/04/40	BUNDESREPUB. DEUTSCHLAND
DE0001135374	DBR 3 3/4 01/04/19	BUNDESREPUB. DEUTSCHLAND
DE0001135382	DBR 3 1/2 07/04/19	BUNDESREPUB. DEUTSCHLAND
DE0001135390	DBR 3 1/4 01/04/20	BUNDESREPUB. DEUTSCHLAND
DE0001135408	DBR 3 07/04/20	BUNDESREPUB. DEUTSCHLAND
DE0001135416	DBR 2 1/4 09/04/20	BUNDESREPUB. DEUTSCHLAND
DE0001135424	DBR 2 1/2 01/04/21	BUNDESREPUB. DEUTSCHLAND
DE0001135432	DBR 3 1/4 07/04/42	BUNDESREPUB. DEUTSCHLAND
DE0001135440	DBR 3 1/4 07/04/21	BUNDESREPUB. DEUTSCHLAND
DE0001135457	DBR 2 1/4 09/04/21	BUNDESREPUB. DEUTSCHLAND
DE0001135465	DBR 2 01/04/22	BUNDESREPUB. DEUTSCHLAND
DE0001135473	DBR 1 3/4 07/04/22	BUNDESREPUB. DEUTSCHLAND
DE0001135481	DBR 2 1/2 07/04/44	BUNDESREPUB. DEUTSCHLAND
DE0001135499	DBR 1 1/2 09/04/22	BUNDESREPUB. DEUTSCHLAND
DE0001141679	OBL 1 10/12/18	BUNDES OblIGATION
DE0001141687	OBL 1 02/22/19	BUNDES OblIGATION
DE0001141695	OBL 0 1/2 04/12/19	BUNDES OblIGATION
DE0001141703	OBL 0 1/4 10/11/19	BUNDES OblIGATION
DE0001141711	OBL 0 04/17/20	BUNDES OblIGATION
DE0001141729	OBL 0 1/4 10/16/20	BUNDES OblIGATION
DE0001141737	OBL 0 04/09/21	BUNDES OblIGATION
DE0002760980	KFW 3 1/2 07/04/21	KFW
DE000A0L1CY5	KFW 3 7/8 01/21/19	KFW
DE000A0MFJX5	KFW 4 1/8 07/04/17	KFW
DE000A0PM5F0	KFW 4 5/8 01/04/23	KFW
DE000A0SLD89	KFW 4 3/8 07/04/18	KFW
DE000A11QJ32	BREMEN 0 1/2 07/30/21	FREIE HANSESTADT BREMEN
DE000A11QKV3	LBANK 0 1/4 11/25/19	L-BANK BW FOERDERBANK
DE000A11QTA8	KFW 0.05 11/30/17	KFW
DE000A11QTD2	KFW 0 5/8 01/15/25	KFW
DE000A11QTF7	KFW 0 3/8 04/23/30	KFW
DE000A11QTG5	KFW 0 5/8 07/04/22	KFW
DE000A11QTK7	KFW 1 3/8 07/31/35	KFW
DE000A13R6Z9	BERGER 0 1/2 02/10/25	LAND BERLIN
DE000A13R9G3	LBANK 0 1/8 11/05/20	L-BANK BW FOERDERBANK

DE000A13R9J7	LBANK 0.05 11/09/21	L-BANK BW FOERDERBANK
DE000A13R9M1	LBANK 0 3/8 04/13/26	L-BANK BW FOERDERBANK
DE000A14J3F7	BERGER 0 1/4 04/22/25	LAND BERLIN
DE000A161WS6	BERGER 0 3/4 09/08/23	LAND BERLIN
DE000A168015	BERGER 0 5/8 03/20/26	LAND BERLIN
DE000A168023	BERGER 1 05/19/32	LAND BERLIN
DE000A1680M0	BREMEN 0 1/8 05/30/23	FREIE HANSESTADT BREMEN
DE000A168Y06	KFW 0 1/8 06/01/20	KFW
DE000A168Y14	KFW 0 12/07/18	KFW
DE000A168Y22	KFW 0 3/8 03/15/23	KFW
DE000A168Y48	KFW 1 1/4 07/04/36	KFW
DE000A168Y55	KFW 0 3/8 03/09/26	KFW
DE000A1CR4S5	KFW 3 5/8 01/20/20	KFW
DE000A1DAMM0	KFW 2 1/4 09/21/17	KFW
DE000A1EWEJ5	KFW 3 3/8 01/18/21	KFW
DE000A1H36X9	KFW 3 1/8 06/15/18	KFW
DE000A1K0UA9	KFW 2 5/8 08/16/19	KFW
DE000A1K0UG6	KFW 2 1/2 01/17/22	KFW
DE000A1MBB62	KFW 1 7/8 03/20/19	KFW
DE000A1R0709	KFW 1 1/2 06/11/24	KFW
DE000A1R07S9	KFW 2 1/8 08/15/23	KFW
DE000A1R07T7	KFW 1 1/8 10/16/18	KFW
DE000A1R07V3	KFW 1 5/8 01/15/21	KFW
DE000A1R07W1	KFW 0 5/8 02/12/18	KFW
DE000A1R07X9	KFW 0 7/8 03/18/19	KFW
DE000A1RET15	KFW 0 7/8 10/13/17	KFW
DE000A1RET23	KFW 1 1/4 10/17/19	KFW
DE000A1RET49	KFW 1 1/8 01/15/20	KFW
DE000A1RET80	KFW 0 7/8 06/25/18	KFW
DE000A1RQCJ3	HESSSEN 0 3/8 03/10/23	LAND HESSEN
DE000A1RQCP0	HESSSEN 0 1/4 06/10/25	LAND HESSEN
DE000A1RQCT2	HESSSEN 0 3/8 07/04/22	LAND HESSEN
DE000A1RQCY2	HESSSEN 0 3/8 07/06/26	LAND HESSEN
DE000A1X27Y3	LBANK 1 11/19/18	L-BANK BW FOERDERBANK
DE000A1YCQK7	HAMBRG 0 1/2 04/27/26	FREIE HANSESTADT HAMBURG
DE000A2AAKB1	NIESA 0 3/8 01/19/23	LAND NIEDERSACHSEN
DE000A2AARZ5	KFW 0 06/30/21	KFW
DE000A2AAWN1	NIESA 0 1/2 06/08/26	LAND NIEDERSACHSEN

DE000NRW0F67	NRW 1 01/16/25	LAND NORDRHEIN-WESTFALEN
DE000NRW0FU3	NRW 1 1/4 03/14/25	LAND NORDRHEIN-WESTFALEN
DE000NRW0GJ4	NRW 0 3/8 02/16/23	LAND NORDRHEIN-WESTFALEN
DE000NRW0JF6	NRW 0 1/8 03/16/23	LAND NORDRHEIN-WESTFALEN
DE000NRW0JH2	NRW 0 1/2 04/16/26	LAND NORDRHEIN-WESTFALEN
DE000NRW0JJ8	NRW 1 1/4 05/12/36	LAND NORDRHEIN-WESTFALEN
DE000NRW2152	NRW 2 3/8 05/13/33	LAND NORDRHEIN-WESTFALEN
DE000NRW23J9	NRW 1 7/8 03/15/24	LAND NORDRHEIN-WESTFALEN
DE000NWB0329	NRWBK 3 7/8 01/27/20	NRW.BANK
DE000NWB0535	NRWBK 1 1/4 10/22/18	NRW.BANK
DE000NWB0584	NRWBK 0 1/2 05/11/26	NRW.BANK
DE000NWB0AC0	NRWBK 0 7/8 11/10/25	NRW.BANK
DE000NWB16S8	NRWBK 0 1/2 06/06/18	NRW.BANK
DE000NWB2DY4	NRWBK 0 1/8 01/18/21	NRW.BANK
DE000NWB2EA2	NRWBK 0 01/27/20	NRW.BANK
DE000RLP0645	RHIPAL 0 1/2 01/21/25	LAND RHEINLAND-PFALZ
DE000RLP0736	RHIPAL 0 1/8 03/01/23	LAND RHEINLAND-PFALZ
XS0652914366	RENTEN 2 02/20/19	LANDWIRTSCH. RENTENBANK
XS0670798171	RENTEN 2 7/8 08/30/21	LANDWIRTSCH. RENTENBANK
XS0780331004	RENTEN 1 7/8 05/11/20	LANDWIRTSCH. RENTENBANK
XS0795453769	RENTEN 1 5/8 10/01/19	LANDWIRTSCH. RENTENBANK
XS0994797529	RENTEN 1 3/8 11/19/20	LANDWIRTSCH. RENTENBANK
XS1069776232	RENTEN 1 1/4 05/20/22	LANDWIRTSCH. RENTENBANK
XS1087815483	KFW 0 3/8 07/22/19	KFW
XS1192872866	RENTEN 0 5/8 02/20/30	LANDWIRTSCH. RENTENBANK
XS1311459694	KFW 0 1/8 10/27/20	KFW
XS1324535514	RENTEN 0 1/4 11/24/22	LANDWIRTSCH. RENTENBANK
XS1347758663	RENTEN 0 3/8 01/22/24	LANDWIRTSCH. RENTENBANK
XS1379610675	RENTEN 0 3/8 03/16/26	LANDWIRTSCH. RENTENBANK
XS1414146669	KFW 0.05 05/30/24	KFW

CSPP holdings available for Lending under ASL (“fails lending”):

Currently Deutsche Bundesbank makes the following bonds, which are bought under the “Corporate Sector Purchase Programme” (CSPP), available for securities lending via the „Automated Securities Lending” (ASL) programme of Clearstream Banking Luxemburg (CBL):

DE000A0DLU69	EWE 4 7/8 10/14/19	EWE AG
DE000A0T7J03	DBHNGR 4 7/8 03/12/19	DEUTSCHE BAHN FINANCE BV
DE000A13R8M3	MEOGR 1 3/8 10/28/21	METRO AG
DE000A13SL26	SAPGR 1 1/8 02/20/23	SAP SE
DE000A14KJF5	SAPGR 1 04/01/25	SAP SE
DE000A1684V3	DBOERS 1 5/8 10/08/25	DEUTSCHE BOERSE AG
DE000A168650	DAIGR 0 5/8 03/05/20	DAIMLER AG
DE000A169G15	DAIGR 1.4 01/12/24	DAIMLER AG
DE000A169NA6	DAIGR 0 1/4 05/11/20	DAIMLER AG
DE000A169NB4	DAIGR 0 3/4 05/11/23	DAIMLER AG
DE000A180B72	ALVGR 0 04/21/20	ALLIANZ FINANCE II B.V.
DE000A18V138	ANNGR 1 5/8 12/15/20	VONOVIA FINANCE BV
DE000A18V146	ANNGR 2 1/4 12/15/23	VONOVIA FINANCE BV
DE000A1AKHB8	ALVGR 4 3/4 07/22/19	ALLIANZ FINANCE II B.V.
DE000A1G0RU9	ALVGR 3 1/2 02/14/22	ALLIANZ FINANCE II B.V.
DE000A1G85B4	SIEGR 1 1/2 03/10/20	SIEMENS FINANCIERINGSMAT
DE000A1HG1J8	ALVGR 1 3/8 03/13/18	ALLIANZ FINANCE II B.V.
DE000A1HJ483	WURTH 1 3/4 05/21/20	WUERTH FINANCE INTL BV
DE000A1HRVD5	ANNGR 3 5/8 10/08/21	VONOVIA FINANCE BV
DE000A1MA9K8	MEOGR 3 3/8 03/01/19	METRO AG
DE000A1PGQY7	DAIGR 2 1/8 06/27/18	DAIMLER AG
DE000A1PGZ82	SDFGR 3 06/20/22	K+S AG
DE000A1R04X6	DAIGR 2 1/4 01/24/22	DAIMLER AG
DE000A1R07P5	LINGR 2 04/18/23	LINDE AG
DE000A1R0TN7	DAIGR 1 3/4 01/21/20	DAIMLER AG
DE000A1R0U23	SAPGR 2 1/8 11/13/19	SAP SE
DE000A1R0XG3	BASGR 2 12/05/22	BASF SE
DE000A1R1BC6	DBOERS 1 1/8 03/26/18	DEUTSCHE BOERSE AG
DE000A1RE1W1	DBOERS 2 3/8 10/05/22	DEUTSCHE BOERSE AG
DE000A1UDWM7	SIEGR 1 3/4 03/12/21	SIEMENS FINANCIERINGSMAT
DE000A1UDWN5	SIEGR 2 7/8 03/10/28	SIEMENS FINANCIERINGSMAT
DE000A1X3GC3	DAIGR 1 1/2 11/19/18	DAIMLER AG
DE000A1ZLUN1	ANNGR 2 1/8 07/09/22	VONOVIA FINANCE BV
DE000A2AAL23	DAIGR 0 1/2 09/09/19	DAIMLER AG
DE000A2AAL31	DAIGR 1 1/2 03/09/26	DAIMLER AG
DE000TLX2003	TALANX 3 1/8 02/13/23	TALANX AG
XS0148579153	EOANGR 6 3/8 05/29/17	E.ON INTL FINANCE BV
XS0164831843	DBHNGR 4 3/4 03/14/18	DEUTSCHE BAHN FINANCE BV

XS0172851650	RWE 5 1/8 07/23/18	RWE FINANCE BV
XS0173501379	BMW 5 08/06/18	BMW FINANCE NV
XS0207320242	ENBW 4 7/8 01/16/25	ENBW INTL FINANCE BV
XS0322977223	EOANGR 5 1/2 10/02/17	E.ON INTL FINANCE BV
XS0361244667	EOANGR 5 3/4 05/07/20	E.ON INTL FINANCE BV
XS0369461644	SIEGR 5 5/8 06/11/18	SIEMENS FINANCIERINGSMAT
XS0399647675	RWE 6 5/8 01/31/19	RWE FINANCE BV
XS0399861086	ENBW 6 7/8 11/20/18	ENBW INTL FINANCE BV
XS0412842857	RWE 6 1/2 08/10/21	RWE FINANCE BV
XS0433001137	RBOSGR 5 1/8 06/12/17	ROBERT BOSCH GMBH
XS0452868788	DBHNGR 4 3/8 09/23/21	DEUTSCHE BAHN FINANCE BV
XS0494953820	DT 4 1/4 03/16/20	DEUTSCHE TELEKOM INT FIN
XS0497186758	MRKGR 4 1/2 03/24/20	MERCK FIN SERVICES GMBH
XS0500128326	SAPGR 3 1/2 04/10/17	SAP SE
XS0503603267	DT 4 7/8 04/22/25	DEUTSCHE TELEKOM INT FIN
XS0515937406	DBHNGR 3 1/2 06/10/20	DEUTSCHE BAHN FINANCE BV
XS0524471355	DBHNGR 3 3/4 07/09/25	DEUTSCHE BAHN FINANCE BV
XS0525787874	DT 4 1/4 07/13/22	DEUTSCHE TELEKOM INT FIN
XS0551935769	EUROGR 3 7/8 10/22/20	EUROGRID GMBH
XS0629645531	LXSGR 4 1/8 05/23/18	LANXESS AG
XS0632241112	DBHNGR 3 3/4 06/01/21	DEUTSCHE BAHN FINANCE BV
XS0653885961	BMW 3 5/8 01/29/18	BMW FINANCE NV
XS0699330097	EWE 4 1/8 11/04/20	EWE AG
XS0718526790	LINGR 3 1/8 12/12/18	LINDE FINANCE BV
XS0729046218	BMW 3 1/4 01/14/19	BMW FINANCE NV
XS0731681556	VW 3 1/4 01/21/19	VOLKSWAGEN INTL FIN NV
XS0753143709	DBHNGR 3 03/08/24	DEUTSCHE BAHN FINANCE BV
XS0756457833	MANGR 2 1/8 03/13/17	MAN SE
XS0782708456	VW 1 7/8 05/15/17	VOLKSWAGEN INTL FIN NV
XS0790015548	LINGR 1 3/4 06/11/19	LINDE FINANCE BV
XS0795872901	DPWGR 1 7/8 06/27/17	DEUTSCHE POST FINANCE
XS0828235225	LINGR 1 3/4 09/17/20	LINDE AG
XS0836260975	BASGR 1 1/2 10/01/18	BASF SE
XS0847580353	DT 2 3/4 10/24/24	DEUTSCHE TELEKOM INT FIN
XS0855167523	LXSGR 2 5/8 11/21/22	LANXESS AG
XS0856032213	DBHNGR 2 02/20/23	DEUTSCHE BAHN FINANCE BV
XS0862941506	DPWGR 1 7/8 12/11/20	DEUTSCHE POST AG
XS0862952297	DPWGR 2 7/8 12/11/24	DEUTSCHE POST AG

XS0863116231	MEOGR 2 1/4 05/11/18	METRO FINANCE BV
XS0873793375	VW 2 01/14/20	VOLKSWAGEN INTL FIN NV
XS0875513268	HELLA 2 3/8 01/24/20	HELLA KGAA HUECK & CO
XS0875796541	DT 2 1/8 01/18/21	DEUTSCHE TELEKOM INT FIN
XS0877622034	BMW 2 3/8 01/24/23	BMW FINANCE NV
XS0878010718	RWE 1 7/8 01/30/20	RWE FINANCE BV
XS0883560715	BASGR 1 7/8 02/04/21	BASF SE
XS0909788290	VW 2 03/26/21	VOLKSWAGEN INTL FIN NV
XS0911405784	EVKGR 1 7/8 04/08/20	EVONIK INDUSTRIES AG
XS0912992160	ODGR 1 7/8 11/22/18	TELFONICA DEUTSCH FINAN
XS0934389221	RBOSGR 1 5/8 05/24/21	ROBERT BOSCH INVESTMENT
XS0934539726	RBOSGR 2 5/8 05/24/28	ROBERT BOSCH INVESTMENT
XS0942081570	VGASDE 2 06/12/20	VIER GAS TRANSPORT GMBH
XS0942082115	VGASDE 2 7/8 06/12/25	VIER GAS TRANSPORT GMBH
XS0951155869	VGASDE 3 1/8 07/10/23	VIER GAS TRANSPORT GMBH
XS0953199634	CONGR 3 07/16/18	CONTINENTAL AG
XS0969344083	CONGR 3 1/8 09/09/20	CONTINENTAL AG
XS0969368934	DBHNGR 2 1/2 09/12/23	DEUTSCHE BAHN FINANCE BV
XS0977496636	DPWGR 2 3/4 10/09/23	DEUTSCHE POST AG
XS0977500767	DPWGR 1 1/2 10/09/18	DEUTSCHE POST AG
XS0982019126	RWE 3 01/17/24	RWE FINANCE BV
XS0988384904	DBHNGR 1 3/4 11/06/20	DEUTSCHE BAHN FINANCE BV
XS0997941199	SDFGR 3 1/8 12/06/18	K+S AG
XS0997941355	SDFGR 4 1/8 12/06/21	K+S AG
XS1015212811	BMW 1 5/8 07/17/19	BMW FINANCE NV
XS1015217703	BMW 2 5/8 01/17/24	BMW FINANCE NV
XS1023268490	BAYNGR 1 1/8 01/24/18	BAYER AG
XS1023268573	BAYNGR 1 7/8 01/25/21	BAYER AG
XS1040041649	HELLA 1 1/4 09/07/17	HELLA KGAA HUECK & CO
XS1074208270	ENBW 2 1/2 06/04/26	ENBW INTL FINANCE BV
XS1084563615	RBOSGR 1 3/4 07/08/24	ROBERT BOSCH GMBH
XS1105264821	BMW 0 1/2 09/05/18	BMW FINANCE NV
XS1105276759	BMW 1 1/4 09/05/22	BMW FINANCE NV
XS1109110251	LHAGR 1 1/8 09/12/19	DEUTSCHE LUFTHANSA AG
XS1121177767	BERTEL 1 3/4 10/14/24	BERTELSMANN SE & CO KGAA
XS1135309794	BAYNGR 1 1/4 11/13/23	BAYER CAPITAL CORP BV
XS1167644407	VW 0 7/8 01/16/23	VOLKSWAGEN INTL FIN NV
XS1168971213	BMW 0 1/2 01/21/20	BMW FINANCE NV

XS1170787797	EVKGR 1 01/23/23	EVONIK INDUSTRIES AG
XS1191115366	IFXGR 1 09/10/18	INFINEON TECHNOLOGIES AG
XS1191116174	IFXGR 1 1/2 03/10/22	INFINEON TECHNOLOGIES AG
XS1203941775	MEOGR 1 1/2 03/19/25	METRO AG
XS1243251375	EUROGR 1 7/8 06/10/25	EUROGRID GMBH
XS1250867642	DWNIGY 1 3/8 07/24/20	DEUTSCHE WOHNEN AG
XS1284570626	MRKGR 1 3/8 09/01/22	MERCK FIN SERVICES GMBH
XS1284576581	MRKGR 0 3/4 09/02/19	MERCK FIN SERVICES GMBH
XS1309518998	DBHNGR 1 1/4 10/23/25	DEUTSCHE BAHN FINANCE BV
XS1315101011	EUROGR 1 5/8 11/03/23	EUROGRID GMBH
XS1321956333	BMW 0 7/8 11/17/20	BMW FINANCE NV
XS1323052180	AOXGR 2 1/4 03/24/21	ALSTRIA OFFICE REIT-AG
XS1346695437	AOXGR 2 1/8 04/12/23	ALSTRIA OFFICE REIT-AG
XS1372911690	DBHNGR 0 3/4 03/02/26	DEUTSCHE BAHN FINANCE BV
XS1377745937	COVEGR 1 3/4 09/25/24	COVESTRO AG
XS1377763161	COVEGR 1 10/07/21	COVESTRO AG
XS1382792197	DT 0 5/8 04/03/23	DEUTSCHE TELEKOM INT FIN
XS1388661651	DPWGR 0 3/8 04/01/21	DEUTSCHE POST AG
XS1388661735	DPWGR 1 1/4 04/01/26	DEUTSCHE POST AG
XS1396260520	BMW 0 1/8 04/15/20	BMW FINANCE NV
XS1396261338	BMW 0 3/4 04/15/24	BMW FINANCE NV
XS1400165350	BERTEL 1 1/8 04/27/26	BERTELSMANN SE & CO KGAA
XS1441837546	DBHNGR 0 7/8 07/11/31	DEUTSCHE BAHN FINANCE BV
XS1451539487	DBHNGR 0 07/19/21	DEUTSCHE BAHN FINANCE BV

CSPP holdings available for Lending under ASLplus ("strategic lending"):

Currently Deutsche Bundesbank makes the following bonds, which are bought under the "Corporate Sector Purchase Programme" (CSPP)", available for securities lending via the „Automated Securities Lending Plus" (ASLplus) programme of Clearstream Banking Luxembourg (CBL):

DE000A0DLU69	EWE 4 7/8 10/14/19	EWE AG
DE000A13R8M3	MEOGR 1 3/8 10/28/21	METRO AG
DE000A13SL26	SAPGR 1 1/8 02/20/23	SAP SE
DE000A14KJF5	SAPGR 1 04/01/25	SAP SE
DE000A1684V3	DBOERS 1 5/8 10/08/25	DEUTSCHE BOERSE AG
DE000A168650	DAIGR 0 5/8 03/05/20	DAIMLER AG

DE000A169G15	DAIGR 1.4 01/12/24	DAIMLER AG
DE000A169NA6	DAIGR 0 1/4 05/11/20	DAIMLER AG
DE000A169NB4	DAIGR 0 3/4 05/11/23	DAIMLER AG
DE000A180B72	ALVGR 0 04/21/20	ALLIANZ FINANCE II B.V.
DE000A18V138	ANNGR 1 5/8 12/15/20	VONOVIA FINANCE BV
DE000A18V146	ANNGR 2 1/4 12/15/23	VONOVIA FINANCE BV
DE000A1AKHB8	ALVGR 4 3/4 07/22/19	ALLIANZ FINANCE II B.V.
DE000A1G0RU9	ALVGR 3 1/2 02/14/22	ALLIANZ FINANCE II B.V.
DE000A1G85B4	SIEGR 1 1/2 03/10/20	SIEMENS FINANCIERINGSMAT
DE000A1HG1J8	ALVGR 1 3/8 03/13/18	ALLIANZ FINANCE II B.V.
DE000A1HJ483	WURTH 1 3/4 05/21/20	WUERTH FINANCE INTL BV
DE000A1MA9K8	MEOGR 3 3/8 03/01/19	METRO AG
DE000A1PGQY7	DAIGR 2 1/8 06/27/18	DAIMLER AG
DE000A1PGZ82	SDFGR 3 06/20/22	K+S AG
DE000A1R04X6	DAIGR 2 1/4 01/24/22	DAIMLER AG
DE000A1R07P5	LINGR 2 04/18/23	LINDE AG
DE000A1R0TN7	DAIGR 1 3/4 01/21/20	DAIMLER AG
DE000A1R0U23	SAPGR 2 1/8 11/13/19	SAP SE
DE000A1R0XG3	BASGR 2 12/05/22	BASF SE
DE000A1R1BC6	DBOERS 1 1/8 03/26/18	DEUTSCHE BOERSE AG
DE000A1RE1W1	DBOERS 2 3/8 10/05/22	DEUTSCHE BOERSE AG
DE000A1UDWM7	SIEGR 1 3/4 03/12/21	SIEMENS FINANCIERINGSMAT
DE000A1X3GC3	DAIGR 1 1/2 11/19/18	DAIMLER AG
DE000A1ZLUN1	ANNGR 2 1/8 07/09/22	VONOVIA FINANCE BV
DE000A2AAL23	DAIGR 0 1/2 09/09/19	DAIMLER AG
DE000A2AAL31	DAIGR 1 1/2 03/09/26	DAIMLER AG
DE000TLX2003	TALANX 3 1/8 02/13/23	TALANX AG
XS0148579153	EOANGR 6 3/8 05/29/17	E.ON INTL FINANCE BV
XS0172851650	RWE 5 1/8 07/23/18	RWE FINANCE BV
XS0173501379	BMW 5 08/06/18	BMW FINANCE NV
XS0322977223	EOANGR 5 1/2 10/02/17	E.ON INTL FINANCE BV
XS0361244667	EOANGR 5 3/4 05/07/20	E.ON INTL FINANCE BV
XS0369461644	SIEGR 5 5/8 06/11/18	SIEMENS FINANCIERINGSMAT
XS0399647675	RWE 6 5/8 01/31/19	RWE FINANCE BV
XS0399861086	ENBW 6 7/8 11/20/18	ENBW INTL FINANCE BV
XS0412842857	RWE 6 1/2 08/10/21	RWE FINANCE BV
XS0433001137	RBOSGR 5 1/8 06/12/17	ROBERT BOSCH GMBH
XS0494953820	DT 4 1/4 03/16/20	DEUTSCHE TELEKOM INT FIN

XS0497186758	MRKGR 4 1/2 03/24/20	MERCK FIN SERVICES GMBH
XS0500128326	SAPGR 3 1/2 04/10/17	SAP SE
XS0503603267	DT 4 7/8 04/22/25	DEUTSCHE TELEKOM INT FIN
XS0525787874	DT 4 1/4 07/13/22	DEUTSCHE TELEKOM INT FIN
XS0551935769	EUROGR 3 7/8 10/22/20	EUROGRID GMBH
XS0629645531	LXSGR 4 1/8 05/23/18	LANXESS AG
XS0632241112	DBHNGR 3 3/4 06/01/21	DEUTSCHE BAHN FINANCE BV
XS0653885961	BMW 3 5/8 01/29/18	BMW FINANCE NV
XS0718526790	LINGR 3 1/8 12/12/18	LINDE FINANCE BV
XS0729046218	BMW 3 1/4 01/14/19	BMW FINANCE NV
XS0731681556	VW 3 1/4 01/21/19	VOLKSWAGEN INTL FIN NV
XS0753143709	DBHNGR 3 03/08/24	DEUTSCHE BAHN FINANCE BV
XS0756457833	MANGR 2 1/8 03/13/17	MAN SE
XS0782708456	VW 1 7/8 05/15/17	VOLKSWAGEN INTL FIN NV
XS0790015548	LINGR 1 3/4 06/11/19	LINDE FINANCE BV
XS0828235225	LINGR 1 3/4 09/17/20	LINDE AG
XS0836260975	BASGR 1 1/2 10/01/18	BASF SE
XS0847580353	DT 2 3/4 10/24/24	DEUTSCHE TELEKOM INT FIN
XS0856032213	DBHNGR 2 02/20/23	DEUTSCHE BAHN FINANCE BV
XS0862941506	DPWGR 1 7/8 12/11/20	DEUTSCHE POST AG
XS0862952297	DPWGR 2 7/8 12/11/24	DEUTSCHE POST AG
XS0863116231	MEOGR 2 1/4 05/11/18	METRO FINANCE BV
XS0873793375	VW 2 01/14/20	VOLKSWAGEN INTL FIN NV
XS0875796541	DT 2 1/8 01/18/21	DEUTSCHE TELEKOM INT FIN
XS0877622034	BMW 2 3/8 01/24/23	BMW FINANCE NV
XS0878010718	RWE 1 7/8 01/30/20	RWE FINANCE BV
XS0883560715	BASGR 1 7/8 02/04/21	BASF SE
XS0909788290	VW 2 03/26/21	VOLKSWAGEN INTL FIN NV
XS0911405784	EVKGR 1 7/8 04/08/20	EVONIK INDUSTRIES AG
XS0912992160	ODGR 1 7/8 11/22/18	TELFONICA DEUTSCH FINAN
XS0934389221	RBOSGR 1 5/8 05/24/21	ROBERT BOSCH INVESTMENT
XS0942081570	VGASDE 2 06/12/20	VIER GAS TRANSPORT GMBH
XS0942082115	VGASDE 2 7/8 06/12/25	VIER GAS TRANSPORT GMBH
XS0951155869	VGASDE 3 1/8 07/10/23	VIER GAS TRANSPORT GMBH
XS0953199634	CONGR 3 07/16/18	CONTINENTAL AG
XS0969344083	CONGR 3 1/8 09/09/20	CONTINENTAL AG
XS0969368934	DBHNGR 2 1/2 09/12/23	DEUTSCHE BAHN FINANCE BV
XS0977496636	DPWGR 2 3/4 10/09/23	DEUTSCHE POST AG

XS0977500767	DPWGR 1 1/2 10/09/18	DEUTSCHE POST AG
XS0982019126	RWE 3 01/17/24	RWE FINANCE BV
XS0988384904	DBHNGR 1 3/4 11/06/20	DEUTSCHE BAHN FINANCE BV
XS0997941199	SDFGR 3 1/8 12/06/18	K+S AG
XS1015212811	BMW 1 5/8 07/17/19	BMW FINANCE NV
XS1015217703	BMW 2 5/8 01/17/24	BMW FINANCE NV
XS1023268490	BAYNGR 1 1/8 01/24/18	BAYER AG
XS1023268573	BAYNGR 1 7/8 01/25/21	BAYER AG
XS1040041649	HELLA 1 1/4 09/07/17	HELLA KGAA HUECK & CO
XS1074208270	ENBW 2 1/2 06/04/26	ENBW INTL FINANCE BV
XS1084563615	RBOSGR 1 3/4 07/08/24	ROBERT BOSCH GMBH
XS1105264821	BMW 0 1/2 09/05/18	BMW FINANCE NV
XS1109110251	LHAGR 1 1/8 09/12/19	DEUTSCHE LUFTHANSA AG
XS1121177767	BERTEL 1 3/4 10/14/24	BERTELSMANN SE & CO KGAA
XS1135309794	BAYNGR 1 1/4 11/13/23	BAYER CAPITAL CORP BV
XS1167644407	VW 0 7/8 01/16/23	VOLKSWAGEN INTL FIN NV
XS1168971213	BMW 0 1/2 01/21/20	BMW FINANCE NV
XS1170787797	EVKGR 1 01/23/23	EVONIK INDUSTRIES AG
XS1191116174	IFXGR 1 1/2 03/10/22	INFINEON TECHNOLOGIES AG
XS1203941775	MEOGR 1 1/2 03/19/25	METRO AG
XS1250867642	DWNIGY 1 3/8 07/24/20	DEUTSCHE WOHNEN AG
XS1284576581	MRKGR 0 3/4 09/02/19	MERCK FIN SERVICES GMBH
XS1309518998	DBHNGR 1 1/4 10/23/25	DEUTSCHE BAHN FINANCE BV
XS1315101011	EUROGR 1 5/8 11/03/23	EUROGRID GMBH
XS1321956333	BMW 0 7/8 11/17/20	BMW FINANCE NV
XS1323052180	AOXGR 2 1/4 03/24/21	ALSTRIA OFFICE REIT-AG
XS1346695437	AOXGR 2 1/8 04/12/23	ALSTRIA OFFICE REIT-AG
XS1372911690	DBHNGR 0 3/4 03/02/26	DEUTSCHE BAHN FINANCE BV
XS1377745937	COVEGR 1 3/4 09/25/24	COVESTRO AG
XS1377763161	COVEGR 1 10/07/21	COVESTRO AG
XS1382792197	DT 0 5/8 04/03/23	DEUTSCHE TELEKOM INT FIN
XS1388661651	DPWGR 0 3/8 04/01/21	DEUTSCHE POST AG
XS1388661735	DPWGR 1 1/4 04/01/26	DEUTSCHE POST AG
XS1396260520	BMW 0 1/8 04/15/20	BMW FINANCE NV
XS1396261338	BMW 0 3/4 04/15/24	BMW FINANCE NV
XS1400165350	BERTEL 1 1/8 04/27/26	BERTELSMANN SE & CO KGAA
XS1441837546	DBHNGR 0 7/8 07/11/31	DEUTSCHE BAHN FINANCE BV
XS1451539487	DBHNGR 0 07/19/21	DEUTSCHE BAHN FINANCE BV

