

Deutsche Bank Securities Inc.

International Securities, Cash and F/X Settlement Instructions

Country	Security Instructions	Cash Instructions
Argentina	ICBC, Argentina Agent BIC: ICBKARBAXX A/C # 349351 Custodian BIC: NWSCUS33	ICBC, Argentina Agent BIC: ICBKARBAXX A/C # 1509310110232038 Custodian BIC: NWSCUS33
Australia	National Australia Bank Limited PID: 20006 Agent BIC: NATAAU3303X A/C # 21761 Custodian BIC: NWSCUS33	National Australia Bank Limited Agent BIC: NATAAU3303 A/C # 21759-12 Custodian BIC: NWSCUS33
Austria	Deutsche Bank AG Frankfurt Agent BIC: DEUTDEFFCUS A/C # 100958735305 Custodian BIC: NWSCUS33XXX	Deutsche Bank AG Frankfurt BIC: DEUTDEFFXXX A/C # 100958735311 Custodian BIC: NWSCUS33XXX
Belgium	Deutsche Bank AG Amsterdam Agent BIC: DEUTNL2AXXX A/C # 265314259 Custodian BIC: NWSCUS33XXX	Deutsche Bank AG Amsterdam Agent BIC: DEUTNL2AXXX A/C # 265314240-0000EUR006 Custodian BIC: NWSCUS33XXX
Brazil	BRASIL PLURAL CCTVM S/A Agent BIC: FLCEBRS1XXX	N/A
Bulgaria	Unicredit Bulbank AD Agent BIC: UNCRBGSFXXX A/C # 80000130515 Custodian BIC DEUTGB22EEQ	
Canada	Royal Bank of Canada CUID: RBCT Agent BIC: ROYCCAT2 A/C # 120025770001 Custodian BIC: NWSCUS33	Royal Bank of Canada BIC: ROYCCAT2 A/C # 095913246683 Custodian BIC: NWSCUS33

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Chile	IM Trust S.A. Corredores de Bolsa Tax ID 96.489.000-5 Agent BIC: TROBCLR1XXX A/C # 15241-02 Custodian BIC: NWSCUS33	N/A
China (Shenzhen Market)	Shenzhen Stock Exchange SSCC #800700 Agent BIC: XSHENCNB1 Custodian BIC: DSALHKH1	N/A
China (Shanghai Market)	Shanghai Stock Exchange SCRC #722 Agent BIC: XSHGCNS1 Custodian BIC: DSALHKH1	N/A
China (China Connect - CCASS)	Deutsche Securities Asia Limited Agent BIC: DSALHKH1XXX A/C # @ Depository: B01323 Custodian BIC: DSALHKH1	N/A
Colombia	Cititrust Broker Dealer Agent BIC: CITIUS33COR A/C # 5000001900 Custodian BIC: NWSCUS33	Cititrust Broker Dealer Agent BIC: CITIUS33COR A/C # 00607704021 Custodian BIC: NWSCUS33
Czech Republic	Deutsche Bank Prague Agent BIC: DEUTCZPX A/C # 2000300168 Custodian BIC: DEUTGB22EEQ	N/A
Denmark	Skandinaviska Enskilda Banken Agent BIC: ESSEDKKKXXX A/C 05295326249 Custodian BIC: NWSCUS33XXX	Skandinaviska Enskilda Banken Agent BIC: ESSEDKKKXXX A/C 5295-0017007181 Custodian BIC: NWSCUS33XXX
Egypt	Qatar National Bank Alahli S.A.E Agent BIC: QNBAEGCXXXX Custodian A/C: 1309368 Custodian BIC: DEUTGB22EEQ	Qatar National Bank Alahli S.A.E Agent BIC: QNBAEGCXXXX A/C: 0000720312075202 Custodian BIC: DEUTGB22EEQ

Country	Security Instructions	Cash Instructions
Euroclear	Euroclear Bank Brussels E/C # 99728 Agent BIC: MGTCBEBE Custodian BIC: NWSCUS33	Euroclear Bank Brussels E/C # 99728 Agent BIC: MGTCBEBE Custodian BIC: NWSCUS33
Finland	Skandinaviska Enskilda Banken Agent BIC: ESSEFIHXXX A/C # 10100337768 Custodian BIC: NWSCUS33	Skandinaviska Enskilda Banken Agent BIC: ESSEFIHXXX A/C # 33010010904563 Custodian BIC: NWSCUS33
France	Deutsche Bank AG Amsterdam Agent BIC: DEUTNL2AXXX A/C # 265314259 Custodian BIC: NWSCUS33XXX	Deutsche Bank AG Amsterdam Agent BIC: DEUTNL2AXXX A/C # 265314240-0000EUR006 Custodian BIC: NWSCUS33XXX
Germany	Deutsche Bank Frankfurt A/C # 100-9587353-07 Agent BIC: DEUTDEFFCUS Custodian BIC: NWSCUS33XXX	Deutsche Bank Frankfurt A/C # 100-9587353-11 Agent BIC: DEUTDEFFCUS Custodian BIC: NWSCUS33XXX
Greece	Citibank Athens Agent BIC: CITIGRAAXX A/C # 986981 Custodian BIC: DEUTGB22EEQ	N/A
Hong Kong	Deutsche Securities Asia Ltd CCASS B01323 Agent BIC: DSALHKH1 A/C # B0132310 Custodian BIC: NWSCUS33	<u>Receiving Bank:</u> DEUTSCHE BANK AG HONG KONG (Bank Code: 054, BIC: DEUTHKHHXXX) <u>A/C with Institution:</u> DEUTSCHE BANK AG HONG KONG (Bank Code: 054, BIC: DEUTHKHHXXX) <u>Beneficiary Institution:</u> DEUTSCHE SECURITIES ASIA LTD RE: DBSI NY <u>Beneficiary A/C No.:</u> 0089748000
Hungary	Deutsche Bank Budapest Agent BIC: DEUTHU2B Keler Code: 0390 A/C # 1002002624 Custodian BIC: DEUTGB22EEQ	N/A
India	Deutsche Equities India Private Limited Agent BIC: DEILINB1 Custodian BIC: NWSCUS33	N/A

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Indonesia	Deutsche Bank Jakarta Agent BIC: DEUTIDJA A/C # 2112924000 Custodian BIC: NWSCUS33	Deutsche Bank Jakarta Agent BIC: DEUTIDJA A/C # 0211292000 Custodian BIC: NWSCUS33
Ireland	Deutsche Bank AG London Crest ID: 9GUAG Agent BIC: DEUTGB2LCUS Custodian BIC: NWSCUS33	Deutsche Bank AG London Agent BIC: DEUTGB2LCUS GBP: IBAN: GB60DEUT40508123977725 USD: IBAN: GB06DEUT40508123977727 EUR: IBAN: GB87DEUT40508123977724 Custodian BIC: NWSCUS33
Israel	Bank Leumi Agent BIC: LUMIILITBSC A/C # 1080043803221 Custodian BIC: DEUTGB22EEQ	N/A
Italy	Deutsche Bank AG Frankfurt Agent BIC: DEUTDEFFCUS Custodian BIC: NWSCUS33	Deutsche Bank AG Frankfurt Agent BIC: DEUTDEFFCUS A/C # 100958735311 Custodian BIC: NWSCUS33
Japan	Deutsche Securities Ltd Tokyo Agent BIC: DEUTJPJ9EQT A/C # 620 Custodian BIC: NWSCUS33	Deutsche Bank Tokyo Agent BIC: DEUTJPJT A/C # 8516239-0000-JPY-000-TOK Custodian BIC: NWSCUS33
Jordan	Bank of Jordan PLC Agent BIC: BJORJOAXXXX A/C # 2010002383 Custodian BIC: DEUTGB22EEQ	N/A
Korea	Deutsche Securities Korea Company Agent BIC: DSALKRS1	N/A
Kuwait	HSBC Bank Middle East Agent BIC: HBMEKWKWXXX A/C # 001-001304-383 Custodian BIC: DEUTGB22EEQ	N/A

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Malaysia	Deutsche Bank Kuala Lumpur Agent BIC: DEUTMYKL A/C # 000910334001 Custodian BIC: DSALHKH1	N/A
Mexico	Banco S3, México, S.A. Agent BIC: BSMXMXMMXXX A/C # 151066 Custodian BIC: NWSCUS33	Banco S3, México, S.A. Agent BIC: BSMXMXMMXXX A/C # 151064 Custodian BIC: NWSCUS33
Morocco	Banque Marocaine du Commerce Exterieur (BMCE), Casablanca Agent BIC: BMCEMAMCXXX A/C # 780001260089443/10002 Custodian BIC: DEUTGB2EEQ	Banque Marocaine du Commerce Exterieur (BMCE), Casablanca Agent BIC: BMCEMAMCXXX A/C # 80 0000 00 126 00 89480 93 Custodian BIC: DEUTGB2EEQ
Netherlands	Deutsche Bank AG Amsterdam Agent BIC: DEUTNL2AXXX A/C # 265314259 Custodian BIC: NWSCUS33XXX	Deutsche Bank AG Amsterdam Agent BIC: DEUTNL2AXXX A/C # 265314240-0000EUR006 Custodian BIC: NWSCUS33XXX
Nigeria	Stanbic Lagos Agent BIC: SBICNGLXXXX A/C # 201097 Custodian BIC: DEUTGB2EEQ	N/A
Norway	Skandinaviska Enskilda Banken (SEB) Agent BIC : ESSENOKXXXX A/C # 097500281627 Custodian BIC: NWSCUS33XXX	Skandinaviska Enskilda Banken (SEB) Agent BIC : ESSENOKXXXX A/C # 97500513458 Custodian BIC: NWSCUS33XXX
Oman	HSBC Bank Middle East Agent BIC: BBMEOMRXXXX A/C # 2135143055 Custodian BIC: DEUTGB2EEQ	N/A
Pakistan	Deutsche Bank Karachi Agent BIC: DEUTPKKA A/C # 840874000 Custodian BIC: NWSCUS33	N/A
Peru	Citibank Lima Agent BIC: CITIUS33LIM A/C # 0077570800 Custodian BIC: NWSCUS33	Citibank Lima Agent BIC: CITIUS33LIM A/C # 0072395018 Custodian BIC: NWSCUS33

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Philippines	Deutsche Bank Manila Agent BIC: DEUTPHMM A/C # 12033304000 Custodian BIC: NWSCUS33	Deutsche Bank Manila Agent BIC: DEUTPHMM A/C # 1203330000 Custodian BIC: NWSCUS33
Portugal	Deutsche Bank AG Amsterdam Agent BIC: DEUTNL2A A/C # 265326885 Custodian BIC: NWSCUS33	Deutsche Bank AG Amsterdam Agent BIC: DEUTNL2A A/C # 265326885-0000EUR000 Custodian BIC: NWSCUS33
Qatar	HSBC Bank Middle East Agent BIC: BBMEQAQX A/C # 001044387 088 Custodian BIC: DEUTGB22EEQ	N/A
Romania	Citibank Europe PLC Agent BIC: CITIROBUXXX A/C : 1550415014 Custodian BIC: DEUTGB22EEQ	N/A
Russia DVP/FOP	AO RAIFFEISENBANK Agent BIC: RZBMRUMMXXX NSD A/C # TL1607260017/000000000000000000 Safe A/C: K40030380004/03038001 Custodian BIC: DEUTGB22EEQ	USD for Russia FOP: Agent BIC: BKTRUS33XXX ABA: 021-001-033 A/C: 04411747
Saudi Arabia DSS	DSSA (DEUTSCHE SECURITIES SUDI AB LLC) Account Number: 20041254001 Agent BIC: DEUTSARACUS Custodian BIC: DEUTGB22EEQ	N/A
Saudi Arabia HSBC	HSBC (HK AND SNGHI BK COP LTD, THE (RIYADH) Account Number: 086-003969-123 Agent BIC: SABBSARIXXX Custodian BIC: DEUTGB22EEQ	N/A
Singapore	Deutsche Bank Singapore Agent BIC: DEUTSGSG A/C # 25400784000 Custodian BIC: NWSCUS33	Deutsche Bank Singapore Agent BIC: DEUTSGSG SGD: A/C # 2540078000 USD: A/C # 2540078055 HKD: A/C # 2540078075 Custodian BIC: NWSCUS33

Country	Security Instructions	Cash Instructions
South Africa	Standard Bank of South Africa Agent BIC: SBZAZAJJXXX A/C # 400601605 Custodian BIC: DEUTGB22EEQ	Standard Bank of South Africa Agent BIC: SBZAZAJJXXX A/C # 7113918 Custodian BIC: DEUTGB22EEQ
Spain	DB Sociedad Anonima Espanola Agent BIC: DEUTESBBXXX A/C # 150000565 Custodian BIC: NWSCUS33	DB Sociedad Anonima Espanola Agent BIC: DEUTESBBXXX A/C # 0019 0030 66 4930035662 Custodian BIC: NWSCUS33
Sweden	SEB Stockholm Agent BIC: ESSESESS A/C # 01002798302 Custodian BIC: NWSCUS33	SEB Stockholm Agent BIC: ESSESESS A/C # 52018550411 Custodian BIC: NWSCUS33
Switzerland	Credit Suisse SEGA CH100164 Agent BIC: CRESCHZZ80A A/C # 0835085585145000 Custodian BIC: NWSCUS33	Credit Suisse Agent BIC: CRESCHZZ80A A/C # 0835 0936883 23 001 Custodian BIC: NWSCUS33
Taiwan	Deutsche Securities Asia Ltd. Taipei Agent BIC: DSALTWT1 A/C Deutsche Secs Asia Ltd Hong Kong Local Broker Code: 1530 Custodian BIC: DSALHKH1	N/A
Thailand	Deutsche Bank Bangkok Agent BIC: DEUTTHBK A/C # 811904001 Custodian BIC: NWSCUS33	Deutsche Bank Bangkok Agent BIC: DEUTTHBK A/C # 81190-00-2 (NRBS acct) Custodian BIC: NWSCUS33
Turkey	Deutsche Bank Istanbul Agent BIC: DEUTTRISCUS A/C # 100604 Custodian BIC: DEUTGB22EEQ	Deutsche Bank Istanbul Agent BIC: DEUTTRISCUS A/C # 004817270010 Custodian BIC: DEUTGB22EEQ
United Arab Emirates	Deutsche Bank Dubai Agent BIC: DEUTAEADXXX ADSM A/C # 200-01804-001 DFM/DIFX A/C # 200-01804-002 Custodian BIC: DEUTGB22EEQ	N/A
United Kingdom	Deutsche Bank AG London Crest ID: 9GUAG Agent BIC: DEUTGB2LCUS Custodian BIC: NWSCUS33	Deutsche Bank AG London Agent BIC: DEUTGB2LCUS GBP: IBAN: GB60DEUT40508123977725 USD: IBAN: GB06DEUT40508123977727 EUR: IBAN: GB87DEUT40508123977724 Custodian BIC: NWSCUS33

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United States	Deutsche Bank Securities Inc. Sub Agent BIC: NWSCUS33 Inst/Broker ID: 00000573 Agent ID: 00000573 DTC Participant ID: 00000573	Bank of New York Agent BIC: IRVTUS3N ABA 021000018 A/C # 8900327634 Custodian BIC: NWSCUS33
United States DBG (Government Securities)	BK of NYC/DBGOV ABA: 021000018 FICC Contra: 9566	Bank: BK of NYC ABA: 021 000 018 GLA ACCT: 111569 BENF: DBG

DBSI F/X Instructions

Executing Broker BIC: NWSCUS33XXX

Currency	F/X Instructions
ARS	ICBC, Argentina Agent BIC: ICBKARBXXX A/C # 1509310110232038
AUD	National Australia Bank Limited Agent BIC: NATAAU3303 A/C # 21759-12
CAD	Royal Bank of Canada Agent BIC: ROYCCAT2 A/C # 095913246683
CHF	Credit Suisse Agent BIC: CRESCHZZ80A A/C # 0835 0936883 23 001
CZK	Deutsche Bank Prague Agent BIC: DEUTCZPX A/C # 5013100003
DKK	Skandinaviska Enskilda Banken Agent BIC: ESSEDKKKXXX A/C 5295-0017007181
EUR	Deutsche Bank Frankfurt A/C # 100-9587353-11 Agent BIC: DEUTDEFFCUS
GBP	Deutsche Bank AG London Agent BIC: DEUTGB2LCUS IBAN: GB60DEUT40508123977725 Custodian BIC: NWSCUS33
HKD	Deutsche Bank Hong Kong Agent Bic: DEUTHKHH A/C # 0089748-000
HUF	Deutsche Bank Budapest Agent BIC: DEUTHU2B A/C # HU90-16300000-03002037-90006402

Currency	F/X Instructions
IDR	Deutsche Bank Jakarta Agent Bic: DEUTIDJA A/C # 0211292000
ILS	Bank Leumi Agent Bic: LUMIILITBSC A/C # 1080033043798049
JPY	Deutsche Bank Tokyo Agent BIC: DEUTJPJT A/C # 8516239-0000-JPY-000-TOK
KRW	Deutsche Bank Seoul Agent BIC: DEUTKRSE A/C # 10512-30-1
MAD	Banque Marocaine du Commerce Exterieur (BMCE), Casablanca Agent BIC: BMCEMAMCXXX A/C # 780 0000 00 126 00 89480 93
MYR	Deutsche Bank Kuala Lumpur Agent BIC: DEUTMYKL A/C # 0085563000
MXN	Banco S3, México, S.A. Agent BIC: BSMXMXMMXXX A/C # 151064
NOK	Skandinaviska Enskilda Banken (SEB) Agent BIC : ESSENOKXXXX A/C # 97500513458
NZD	JP Morgan Chase Bank Agent BIC: CHASNZ2ACCS A/C # 0017080393
PEN	Citibank Lima Agent BIC: CITIUS33LIM A/C # 0072395018
PHP	Deutsche Bank Manila Agent BIC: DEUTPHMM A/C # 1203330000

PKR	Deutsche Bank Karachi Agent BIC: DEUTPKKA A/C # 0084087000
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Currency	F/X Instructions
SEK	SEB Stockholm Agent BIC: ESSESESS SEK: A/C # 52018550411

SGD	Deutsche Bank Singapore Agent BIC: DEUTSGSG A/C # 2540078000
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THB	Deutsche Bank Bangkok Agent BIC: DEUTTHBK A/C # 81190-00-2
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TRY	Deutsche Bank Istanbul Agent BIC: DEUTTRISCUS A/C # 004816410011
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USD	Bank of New York Agent BIC: IRVTUS3N ABA 021000018 A/C # 8900327634
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ZAR	Standard Bank of South Africa Agent BIC: SBZAJJ A/C # 7115798
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