



# Global Custody Network and Depository Addresses

Updated: June 30, 2018

MARKET	SUBCUSTODIAN	DEPOSITORY
<b>Albania</b>	<b>Raiffeisen Bank sh.a.</b> Blv. "Bajram Curri" ETC – Kati 14 Tirana, Albania	<b>Bank of Albania</b> Sheshi "Skënderbej", No. 1 Tirana, Albania
<b>Argentina</b>	<b>Citibank, N.A.</b> Bartolome Mitre 530 1036 Buenos Aires, Argentina	<b>Caja de Valores S.A.</b> 25 de Mayo 362 – C1002ABH Buenos Aires, Argentina
<b>Australia</b>	<b>The Hongkong and Shanghai Banking Corporation Limited</b> HSBC Securities Services Level 3, 10 Smith St., Parramatta, NSW 2150, Australia	<b>Austraclear Limited</b> Ground Floor 20 Bridge Street Sydney NSW 2000, Australia
<b>Austria</b>	<b>Deutsche Bank AG</b> (operating through its Frankfurt branch with support from its Vienna branch) Fleischmarkt 1 A-1010 Vienna, Austria	<b>OeKB Central Securities Depository GmbH</b> Strauchgasse 3 1011 Vienna, Austria
	<b>UniCredit Bank Austria AG</b> Global Securities Services Austria Rothschildplatz 1 A-1020 Vienna, Austria	
<b>Bahrain</b>	<b>HSBC Bank Middle East Limited (as delegate of The Hongkong and Shanghai Banking Corporation Limited)</b> 1 <sup>st</sup> Floor, Bldg. #2505 Road # 2832, Al Seef 428 Kingdom of Bahrain	<b>Bahrain Clear Company</b> Bahrain Financial Harbour Harbour Gate (4th Floor) Manama, Kingdom of Bahrain

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Bangladesh	<b>Standard Chartered Bank</b> Silver Tower, Level 7 52 South Gulshan Commercial Area Gulshan 1, Dhaka <b>1212</b> , Bangladesh	<b>Bangladesh Bank</b> Motijheel, Dhaka- <b>1000</b> Bangladesh
		<b>Central Depository Bangladesh Limited</b> BSRS Bhaban (18th Floor) 12 Kawran Bazar Dhaka <b>1215</b> , Bangladesh
Belgium	<b>Deutsche Bank AG, Netherlands</b> (operating through its Amsterdam branch with support from its Brussels branch) De Entree 195 <b>1101 HE</b> Amsterdam, Netherlands	<b>Euroclear Belgium</b> Boulevard du Roi Albert II, 1 <b>1210</b> Brussels, Belgium
		<b>National Bank of Belgium</b> Boulevard de Berlaimont 14 <b>B-1000</b> Brussels, Belgium
Benin	<b>via Standard Chartered Bank Côte d'Ivoire S.A., Abidjan, Ivory Coast</b> 23, Bld de la République 17 BP 1141 Abidjan <b>17</b> Côte d'Ivoire	<b>Dépositaire Central – Banque de Règlement</b> 18 Rue Joseph Anoma 01 BP 3802 Abidjan <b>01</b> Ivory Coast
		<b>Banque Centrale des Etats d'Afrique de l'Ouest</b> Avenue Abdoulaye FADIGA <b>3108</b> Dakar, Senegal
Bermuda	<b>HSBC Bank Bermuda Limited</b> 6 Front Street Hamilton, <b>HM06</b> , Bermuda	<b>Bermuda Securities Depository</b> 3/F Washington Mall Church Street Hamilton, <b>HMFx</b> Bermuda
Federation of Bosnia and Herzegovina	<b>UniCredit Bank d.d.</b> Zelenih beretki 24 <b>71 000</b> Sarajevo Federation of Bosnia and Herzegovina	<b>Registar vrijednosnih papira u Federaciji Bosne i Hercegovine, d.d.</b> Maršala Tita 62/II <b>71</b> Sarajevo Federation of Bosnia and Herzegovina
Botswana	<b>Standard Chartered Bank Botswana Limited</b> 4th Floor, Standard Chartered House Queens Road The Mall Gaborone, Botswana	<b>Bank of Botswana</b> 17938, Khama Crescent Gaborone, Botswana
		<b>Central Securities Depository Company of Botswana Ltd.</b> 4th Floor Fairscape Precinct (BDC building) Plot 70667, Fairgrounds Office Park Gaborone, Botswana

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Brazil	<b>Citibank, N.A.</b> AV Paulista 1111 São Paulo, <b>SP 01311-920</b> Brazil	<b>Brasil, Bolsa, Balcão S.A. (B3)</b> <b>[formerly known as Central de Custódia e de Liquidação Financeira de Títulos Privados (CETIP)]</b> Praça Antonio Prado 48 – Centro São Paulo/ <b>SP – 01010-901</b> , Brazil
		<b>Brasil, Bolsa, Balcão S.A. (B3)</b> <b>[formerly known as BM&amp;F BOVESPA Depository Services]</b> Rua XV de Novembro, 275 São Paulo/ <b>SP - 01013-001</b> , Brazil
		<b>Sistema Especial de Liquidação e de Custódia (SELIC)</b> Departamento de Operações de Mercado Aberto – BACEN Av. Av. Pres. Vargas 730 - 40 andar Rio de Janeiro - RJ <b>20071-001</b> Brazil
Bulgaria	<b>Citibank Europe plc, Bulgaria Branch</b> Serdika Offices, 10th floor 48 Sitnyakovo Blvd. 1505 Sofia, Bulgaria	<b>Bulgarian National Bank</b> 1, Knyaz Alexander I Sq. 1000 Sofia, Bulgaria
	<b>UniCredit Bulbank AD</b> 7 Sveta Nedelya Square 1000 Sofia, Bulgaria	<b>Central Depository AD</b> 6 Tri Ushi Street, 4th floor 1000 Sofia, Bulgaria
Burkina Faso	<b>via Standard Chartered Bank Côte d'Ivoire S.A., Abidjan, Ivory Coast</b> 23, Bld de la République 17 BP 1141 Abidjan 17 Côte d'Ivoire	<b>Dépositaire Central – Banque de Règlement</b> 18 Rue Joseph Anoma 01 BP 3802 Abidjan 01 Ivory Coast
		<b>Banque Centrale des Etats d'Afrique de l'Ouest</b> Avenue Abdoulaye FADIGA 3108 Dakar, Senegal
Canada	<b>State Street Trust Company Canada</b> 30 Adelaide Street East, Suite 800 Toronto, ON Canada <b>M5C 3G6</b>	<b>The Canadian Depository for Securities Limited</b> 85 Richmond Street West Toronto, Ontario <b>M5H 2C9</b> , Canada
Chile	<b>Itaú CorpBanca S.A.</b> Presidente Riesco Street # 5537 Floor 18 Las Condes, Santiago de Chile	<b>Depósito Central de Valores S.A.</b> Huérfanos N° 770, Piso 17 Santiago, Chile

MARKET	SUBCUSTODIAN	DEPOSITORY
People's Republic of China	<b>HSBC Bank (China) Company Limited</b> (as delegate of The Hongkong and Shanghai Banking Corporation Limited) 33 <sup>rd</sup> Floor, HSBC Building, Shanghai IFC 8 Century Avenue Pudong, Shanghai, China (200120)	<b>China Securities Depository and Clearing Corporation Limited, Shanghai Branch</b> 3 <sup>rd</sup> Floor, China Insurance Building 166 East Lujiazui Road New Pudong District Shanghai 200120 People's Republic of China
	<b>China Construction Bank Corporation</b> No.1 Naoshikou Street Chang An Xing Rong Plaza Beijing 100032-33, China	<b>China Securities Depository and Clearing Corporation Limited, Shenzhen Branch</b> 22-28/F, Shenzhen Stock Exchange Building 2012 Shennan Blvd, Futian District Shenzhen People's Republic of China
		<b>China Central Depository and Clearing Co., Ltd.</b> No.10, Finance Street Xicheng District Beijing 100033 People's Republic of China
		<b>Shanghai Clearing House</b> 2 East Beijing Road Shanghai 200002 People's Republic of China
China Connect	<b>Citibank N.A.</b> 39/F., Champion Tower 3 Garden Road Central, Hong Kong	See depositories listed under People's Republic of China.
	<b>The Hongkong and Shanghai Banking Corporation Limited</b> Level 30, HSBC Main Building 1 Queen's Road Central, Hong Kong	
	<b>Standard Chartered Bank (Hong Kong) Limited</b> 15 <sup>th</sup> Floor Standard Chartered Tower 388 Kwun Tong Road Kwun Tong, Hong Kong	

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Colombia	<b>Cititrust Colombia S.A. Sociedad Fiduciaria</b> Carrera 9A, No. 99-02 Bogotá DC, Colombia	<b>Depósito Central de Valores</b> Carrera 7 No. 14-78 Second Floor Bogotá, Colombia
		<b>Depósito Centralizado de Valores de Colombia S.A. (DECEVAL)</b> Calle 24A # 59 - 42 Torre 3 Oficina 501 Bogotá, Colombia
Costa Rica	<b>Banco BCT S.A.</b> 160 Calle Central Edificio BCT San José, Costa Rica	<b>Interclear Central de Valores S.A.</b> Parque Empresarial Forum Autopista Próspero Fernández Edificio Bolsa Nacional de Valores Santa Ana, Costa Rica
Croatia	<b>Privredna Banka Zagreb d.d.</b> Custody Department Radnička cesta 50 10000 Zagreb, Croatia	<b>Središnje klirinško depozitarno društvo d.d.</b> Heinzelova 62/a 10000 Zagreb, Croatia
	<b>Zagrebacka Banka d.d.</b> Savska 60 10000 Zagreb, Croatia	
Cyprus	<b>BNP Paribas Securities Services, S.C.A., Greece</b> (operating through its Athens branch) 2 Lampsakou Str. 115 28 Athens, Greece	<b>Central Depository and Central Registry</b> Kambou Street, 2nd floor Strovolos, PO Box 25427 1309 Nicosia, Cyprus
Czech Republic	<b>Československá obchodní banka, a.s.</b> Radlická 333/150 150 57 Prague 5, Czech Republic	<b>Centrální depozitář cenných papírů, a.s.</b> Rybná 14 110 05 Prague 1, Czech Republic
	<b>UniCredit Bank Czech Republic and Slovakia, a.s.</b> BB Centrum – FILADELFIE Želetavská 1525/1 140 92 Praha 4 - Michle, Czech Republic	<b>Česká národní banka</b> Na Příkopě 28 115 03 Praha 1, Czech Republic
Denmark	<b>Nordea Bank AB (publ), Sweden</b> (operating through its branch, Nordea Danmark, Filial af Nordea Bank AB (publ), Sverige) Strandgade 3 0900 Copenhagen C, Denmark	<b>VP Securities A/S</b> Weidekampsgade 14 P.O. Box 4040 DK-2300 Copenhagen S, Denmark

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	<b>Skandinaviska Enskilda Banken AB (publ), Sweden</b> (operating through its Copenhagen branch) Bernstorffsgade 50 1577 Copenhagen, Denmark	
Egypt	<b>HSBC Bank Egypt S.A.E.</b> (as delegate of The Hongkong and Shanghai Banking Corporation Limited) 6 <sup>th</sup> Floor 306 Corniche El Nil Maadi Cairo, Egypt	<b>Misr for Central Clearing, Depository and Registry S.A.E.</b> 70 El Gamhouria Street Cairo, Egypt
		<b>Central Bank of Egypt</b> 54 Elgomhoreya Street 11511 Cairo, Egypt
Estonia	<b>AS SEB Pank</b> Tornimäe 2 15010 Tallinn, Estonia	<b>Nasdaq CSD SE</b> Tartu mnt 2 10145 Tallinn, Estonia
Finland	<b>Nordea Bank AB (publ), Sweden</b> (operating through its branch, Nordea Bank AB (publ), Finnish branch) Satamaradankatu 5 00500 Helsinki, Finland	<b>Euroclear Finland Ltd.</b> Urho Kekkosen katu 5C 00100 Helsinki, Finland
	<b>Skandinaviska Enskilda Banken AB (publ), Sweden</b> (operating through its Helsinki branch) Securities Services Box 630 SF-00101 Helsinki, Finland	
France	<b>Deutsche Bank AG, Netherlands</b> (operating through its Amsterdam branch with support from its Paris branch) De Entree 195 1101 HE Amsterdam, Netherlands	<b>Euroclear France</b> 66 Rue de la Victoire F-75009 Paris France
Republic of Georgia	<b>JSC Bank of Georgia</b> 29a Gagarini Str. Tbilisi 0160, Georgia	<b>Georgian Central Securities Depository</b> 74a Chavchavadze Avenue Tbilisi 0162, Georgia
		<b>National Bank of Georgia</b> Sanapiro Street N2, 0114 Tbilisi 0105, Georgia
Germany	<b>State Street Bank International GmbH</b> Brienner Strasse 59 80333 Munich, Germany	<b>Clearstream Banking AG, Frankfurt</b> Neue Boersenstrasse 1 D-60485 Frankfurt am Main, Germany

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	<b>Deutsche Bank AG</b> Alfred-Herrhausen-Allee 16-24 D-65760 Eschborn, Germany	
<b>Ghana</b>	<b>Standard Chartered Bank Ghana Limited</b> P. O. Box 768 1st Floor High Street Building Accra, Ghana	<b>Central Securities Depository (Ghana) Limited</b> Fourth Floor Cedi House PMB CT 465 Cantonments, Accra, Ghana
<b>Greece</b>	<b>BNP Paribas Securities Services, S.C.A.</b> 2 Lampsakou Str. 115 28 Athens, Greece	<b>Bank of Greece, System for Monitoring Transactions in Securities in Book-Entry Form</b> 21E. Venizelou Avenue 102 50 Athens, Greece
		<b>Hellenic Central Securities Depository</b> 110 Athinon Ave. 104 42 Athens, Greece
<b>Guinea-Bissau</b>	<b>via Standard Chartered Bank Côte d'Ivoire S.A., Abidjan, Ivory Coast</b> 23, Bld de la République 17 BP 1141 Abidjan 17 Côte d'Ivoire	<b>Dépositaire Central – Banque de Règlement</b> 18 Rue Joseph Anoma 01 BP 3802 Abidjan 01 Ivory Coast
		<b>Banque Centrale des Etats d'Afrique de l'Ouest</b> Avenue Abdoulaye FADIGA 3108 Dakar, Senegal
<b>Hong Kong</b>	<b>Standard Chartered Bank (Hong Kong) Limited</b> 15 <sup>th</sup> Floor Standard Chartered Tower 388 Kwun Tong Road Kwun Tong, Hong Kong	<b>Central Moneymarkets Unit</b> 55th floor, Two International Finance Center 8 Finance Street, Central Hong Kong
		<b>Hong Kong Securities Clearing Company Limited</b> 12 <sup>th</sup> floor, One International Finance Center 1 Harbor View Street, Central Hong Kong
<b>Hungary</b>	<b>Citibank Europe plc Magyarországi Fióktelepe</b> 7 Szabadság tér, Bank Center Budapest, H-1051 Hungary	<b>KELER Központi Értéktár Zrt.</b> R70 Office Complex Floors IV-V Rákóczi út 70-72 1074 Budapest, Hungary
	<b>UniCredit Bank Hungary Zrt.</b> 6th Floor Szabadság tér 5-6 H-1054 Budapest, Hungary	

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Iceland	<b>Landsbankinn hf.</b> Austurstræti 11 155 Reykjavik, Iceland	<b>Nasdaq verðbréfamíðstöð hf.</b> Laugavegur 182 105 Reykjavik, Iceland
India	<b>Deutsche Bank AG</b> Block B1, 4th Floor, Nirlon Knowledge Park Off Western Express Highway Goregaon (E) Mumbai 400 063, India	<b>Central Depository Services (India) Limited</b> Phiroze Jeejeebhoy Towers 28 floor Dalal Street Mumbai 400 023, India
	<b>The Hongkong and Shanghai Banking Corporation Limited</b> 11F, Building 3, NESCO - IT Park, NESCO Complex, Western Express Highway Goregaon (East), Mumbai 400 063, India	<b>National Securities Depository Limited</b> Trade World 4th floor Kamala City, Senapati Bapat Marg Lower Parel Mumbai 400 013, India
		<b>Reserve Bank of India</b> Central Office Building, 18th Floor Shahid Bhagat Singh Road Mumbai 400 001, India
Indonesia	<b>Deutsche Bank AG</b> Deutsche Bank Building, 4 <sup>th</sup> floor Jl. Imam Bonjol, No. 80 Jakarta 10310, Indonesia	<b>Bank Indonesia</b> JL MH Thamrin 2 Jakarta 10110, Indonesia
		<b>PT Kustodian Sentral Efek Indonesia</b> 5th Floor, Jakarta Stock Exchange Building Tower 1 Jln. Jenderal Sudirman Kav. 52-53 Jakarta 12190, Indonesia
Ireland	<b>State Street Bank and Trust Company, United Kingdom branch</b> Quartermile 3 10 Nightingale Way Edinburgh EH3 9EG, Scotland	<b>Euroclear UK &amp; Ireland Limited</b> 33 Cannon St London EC4M 5SB, England
		<b>Euroclear Bank S.A./N.V.</b> 1 Boulevard du Roi Albert II B-1210 Brussels, Belgium
Israel	<b>Bank Hapoalim B.M.</b> 50 Rothschild Boulevard Tel Aviv, Israel 61000	<b>Tel Aviv Stock Exchange Clearing House Ltd. (TASE Clearing House)</b> 2 Ahuzat Bayit St. Tel Aviv 6525216 Israel
Italy	<b>Deutsche Bank S.p.A.</b> Investor Services Via Turati 27 – 3rd Floor 20121 Milan, Italy	<b>Monte Titoli S.p.A.</b> Piazza degli Affari 6 20123 Milan, Italy



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Ivory Coast	<b>Standard Chartered Bank Côte d'Ivoire S.A.</b> 23, Bld de la République 17 BP 1141 Abidjan 17 Côte d'Ivoire	<b>Dépositaire Central – Banque de Règlement</b> 18 Rue Joseph Anoma 01 BP 3802 Abidjan 01 Ivory Coast
		<b>Banque Centrale des Etats d'Afrique de l'Ouest</b> Avenue Abdoulaye FADIGA 3108 Dakar, Senegal
Japan	<b>Mizuho Bank, Limited</b> Shinagawa Intercity Tower A 2-15-14, Konan, Minato-ku Tokyo 108-6009, Japan	<b>Bank of Japan – Financial Network System</b> 2-1-1 Hongoku-cho Nihombashi Chuo-ku Tokyo 103-8660, Japan
	<b>The Hongkong and Shanghai Banking Corporation Limited</b> HSBC Building 11-1 Nihonbashi 3-chome, Chuo-ku Tokyo 1030027, Japan	<b>Japan Securities Depository Center (JASDEC) Incorporated</b> 5 <sup>th</sup> Floor Daini Shoken Kaikan Bld. 2-1-1 Nihombashi Kayaba-Cho Chuo-ku Tokyo 103-0025 Japan
Jordan	<b>Standard Chartered Bank</b> Shmeissani Branch Al-Thaqafa Street, Building # 2 P.O. Box 926190 Amman 11110, Jordan	<b>Central Bank of Jordan</b> Al-Salt Street P.O. Box (37) Amman 11118, Jordan
		<b>Securities Depository Center</b> Capital Market Building Al - Mansour Bin Abi Amer Street PO Box 212465 Amman 11121, Jordan
Kazakhstan	<b>JSC Citibank Kazakhstan</b> Park Palace, Building A, 41 Kazibek Bi street, Almaty A25T0A1, Kazakhstan	<b>Central Securities Depository</b> 28, microdistrict Samal-1 Almaty, 050051, Kazakhstan
Kenya	<b>Standard Chartered Bank Kenya Limited</b> Custody Services Standard Chartered @ Chiromo, Level 5 48 Westlands Road P.O. Box 40984 – 00100 GPO Nairobi, Kenya	<b>Central Bank of Kenya</b> Haile Selassie Avenue P.O. Box 60000 00200 Nairobi, Kenya
		<b>Central Depository and Settlement Corporation Limited</b> 10th Floor Nation Centre, Kimathi St. P.O. Box 3464 00100 GPO Nairobi, Kenya

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Republic of Korea	<b>Deutsche Bank AG</b> 18th Fl., Young-Poong Building 41 Cheonggyecheon-ro Jongro-ku, Seoul <b>03188</b> , Korea	<b>Korea Securities Depository</b> BIFC, 40. Munhyeongeumyung-ro, Nam-gu, Busan <b>48400</b> , Korea
	<b>The Hongkong and Shanghai Banking Corporation Limited</b> 5F HSBC Building #37 Chilpae-ro Jung-gu, Seoul <b>04511</b> , Korea	
Kuwait	<b>HSBC Bank Middle East Limited</b> (as delegate of The Hongkong and Shanghai Banking Corporation Limited) Kuwait City, Sharq Area Abdulaziz Al Sager Street Al Hamra Tower, 37F P. O. Box 1683, Safat <b>13017</b> , Kuwait	<b>Kuwait Clearing Company KSC</b> Kuwait Stock Exchange Building, Mubarak Al Kabeer St P.O. Box 22077 Safat, <b>13081</b> Kuwait
Latvia	<b>AS SEB banka</b> Unicentrs, Valdlauči LV-1076 Kekavas pag., Rigas raj., Latvia	<b>Nasdaq CSD SE</b> Valnu iela 1 Riga LV <b>1050</b> , Latvia
Lithuania	<b>AB SEB bankas</b> Gedimino av. 12 LT <b>2600</b> Vilnius, Lithuania	<b>Nasdaq CSD SE</b> Konstitucijos avenue 29 08105 Vilnius, Lithuania
Malawi	<b>Standard Bank Limited</b> Kaomba Centre Cnr. Victoria Avenue & Sir Glyn Jones Road Blantyre, Malawi	<b>Reserve Bank of Malawi</b> Convention Drive City Centre Lilongwe 3, Malawi
Malaysia	<b>Deutsche Bank (Malaysia) Berhad</b> Domestic Custody Services Level 20, Menara IMC 8 Jalan Sultan Ismail 50250 Kuala Lumpur, Malaysia	<b>Bank Negara Malaysia</b> Jalan Dato' Onn Kuala Lumpur <b>50480</b> , Malaysia  <b>Bursa Malaysia Depository Sdn. Bhd</b> 10 <sup>th</sup> Floor, Exchange Square Bukit Kewangan Kuala Lumpur <b>50200</b> , Malaysia
	<b>Standard Chartered Bank Malaysia Berhad</b> Menara Standard Chartered 30 Jalan Sultan Ismail 50250 Kuala Lumpur, Malaysia	
Mali	<b>via Standard Chartered Bank Côte d'Ivoire S.A., Abidjan, Ivory Coast</b> 23, Bld de la République 17 BP 1141 Abidjan <b>17</b> Côte d'Ivoire	<b>Dépositaire Central – Banque de Règlement</b> 18 Rue Joseph Anoma 01 BP 3802 Abidjan <b>01</b> Ivory Coast

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		<b>Banque Centrale des Etats d’Afrique de l’Ouest</b> Avenue Abdoulaye FADIGA <b>3108</b> Dakar, Senegal
<b>Mauritius</b>	<b>The Hongkong and Shanghai Banking Corporation Limited</b> 6F HSBC Centre 18 CyberCity Ebene, Mauritius	<b>Bank of Mauritius</b> Sir William Newton Street P.O. Box 29 Port Louis, Mauritius
		<b>Central Depository and Settlement Co. Limited</b> 4 <sup>th</sup> Floor One Cathedral Square Bld. 16 Jules Koenig Street Port Louis, Mauritius
<b>Mexico</b>	<b>Banco Nacional de México, S.A.</b> 3er piso, Torre Norte Act. Roberto Medellín No. 800 Col. Santa Fe Mexico, DF <b>01219</b>	<b>S.D. Ineval, S.A. de C.V.</b> Paseo de la Reforma 255 Floors 2-3 Cuauhtemoc Mexico, DF <b>06500</b>
<b>Morocco</b>	<b>Citibank Maghreb S.A.</b> Zénith Millénium Immeuble1 Sidi Maârouf – B.P. 40 Casablanca <b>20190</b> , Morocco	<b>Maroclear</b> Route d’El Jadida 18 Cité Laïa <b>20 200</b> Casablanca, Morocco
<b>Namibia</b>	<b>Standard Bank Namibia Limited</b> Standard Bank Center Cnr. Werner List St. and Post St. Mall 2nd Floor Windhoek, Namibia	<b>Bank of Namibia</b> 71 Robert Mugabe Avenue Windhoek, Namibia
<b>Netherlands</b>	<b>Deutsche Bank AG</b> De Entree 195 <b>1101 HE</b> Amsterdam, Netherlands	<b>Euroclear Nederland</b> Herengracht 436-438 <b>1017 BZ</b> Amsterdam, Netherlands
<b>New Zealand</b>	<b>The Hongkong and Shanghai Banking Corporation Limited</b> HSBC House Level 7, 1 Queen St. Auckland <b>1010</b> , New Zealand	<b>New Zealand Central Securities Depository Limited</b> C/O Reserve Bank of New Zealand 2 The Terrace P.O. Box 2498 Wellington, New Zealand
<b>Niger</b>	<b>via Standard Chartered Bank Côte d’Ivoire S.A., Abidjan, Ivory Coast</b> 23, Bld de la République 17 BP 1141 Abidjan <b>17</b> Côte d’Ivoire	<b>Dépositaire Central – Banque de Règlement</b> 18 Rue Joseph Anoma 01 BP 3802 Abidjan <b>01</b> Ivory Coast

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		<b>Banque Centrale des Etats d’Afrique de l’Ouest</b> Avenue Abdoulaye FADIGA <b>3108</b> Dakar, Senegal
Nigeria	<b>Stanbic IBTC Bank Plc.</b> Plot 1712 Idejo St Victoria Island, Lagos <b>101007</b> , Nigeria	<b>Central Bank of Nigeria</b> Plot 33, Abubakar Tafawa Balewa Way Central Business District Cadastral Zone Abuja, Federal Capital Territory, Nigeria
		<b>Central Securities Clearing System Limited</b> 2/4 Customs Street, Stock Exchange House, (14 <sup>th</sup> Floor) P.O. Box 3168 Marina, Lagos, Nigeria
Norway	<b>Nordea Bank AB (publ), Sweden</b> (operating through its branch, Nordea Bank AB (publ), filial i Norge) Essendropsgate 7 <b>0368</b> Oslo, Norway	<b>Verdipapirsentralen ASA</b> Fred. Olsens gate 1 <b>0152</b> Oslo, Norway
	<b>Skandinaviska Enskilda Banken AB (publ), Sweden</b> (operating through its Oslo branch) P.O. Box 1843 Vika Filipstad Brygge 1 <b>N-0123</b> Oslo, Norway	
Oman	<b>HSBC Bank Oman S.A.O.G.</b> (as delegate of The Hongkong and Shanghai Banking Corporation Limited) 2 <sup>nd</sup> Floor Al Khuwair PO Box 1727 <b>PC 111</b> Seeb, Oman	<b>Muscat Clearing &amp; Depository Company S.A.O.G.</b> P.O. Box 952 Ruwi, Oman
Pakistan	<b>Deutsche Bank AG</b> Unicentre – Unitowers I.I. Chundrigar Road P.O. Box 4925 Karachi - <b>74000</b> , Pakistan	<b>Central Depository Company of Pakistan Limited</b> CDC House, 99-B, Shakra-e-Faisal Karach <b>74400</b> , Pakistan
		<b>State Bank of Pakistan</b> Central Directorate I.I. Chundrigar Road Karachi <b>74000</b> , Pakistan

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<b>Panama</b>	<b>Citibank, N.A.</b> Boulevard Punta Pacifica Torre de las Americas Apartado Panama City, Panama <b>0834-00555</b>	<b>Central Latinoamericana de Valores, S.A. (LatinClear)</b> Federico Boyd Avenue and 49th Street Bolsa de Valores de Panamá Building Lower Level Panama City, Panama
<b>Peru</b>	<b>Citibank del Perú, S.A.</b> Canaval y Moreyra 480 3 <sup>rd</sup> Floor, San Isidro, Lima <b>27</b> , Peru	<b>CAVALI S.A. Institución de Compensación y Liquidación de Valores</b> Avenida Santo Toribio 143 Oficina 501 San Isidro, Lima <b>27</b> , Peru
<b>Philippines</b>	<b>Deutsche Bank AG</b> Global Transaction Banking Tower One, Ayala Triangle <b>1226</b> Makati City, Philippines	<b>Philippine Depository &amp; Trust Corporation</b> Ground Floor Makati Stock Exchange Building 6766 Ayala Avenue Makati City <b>1226</b> , Philippines
		<b>Registry of Scripless Securities (ROSS) of the Bureau of the Treasury</b> Bureau of Treasury Ayuntamiento Building Cabildo Street Corner A. Soriano Avenue Intramuros Manila <b>1002</b> , Philippines
<b>Poland</b>	<b>Bank Handlowy w Warszawie S.A.</b> ul. Senatorska 16 <b>00-293</b> Warsaw, Poland	<b>Rejestr Papierów Wartościowych</b> Swietokrzyska 11-21 Warsaw <b>00950</b> , Poland  <b>Krajowy Depozyt Papierów Wartościowych, S.A.</b> 4 Książęca Street <b>00-498</b> Warsaw, Poland
	<b>Bank Polska Kasa Opieki S.A.</b> 31 Zwirki I Wigury Street <b>02-091</b> Warsaw, Poland	
<b>Portugal</b>	<b>Deutsche Bank AG, Netherlands</b> (operating through its Amsterdam branch with support from its Lisbon branch) De Entree 195 <b>1101 HE</b> Amsterdam, Netherlands	<b>INTERBOLSA - Sociedad Gestora de Sistemas de Liquidação e de Sistemas Centralizados de Valores Mobiliários, S.A.</b> Avenida de Boavista #3433 <b>4100 – 138</b> Porto, Portugal
<b>Puerto Rico</b>	<b>Citibank N.A.</b> 235 Federico Costa Street, Suite 315 San Juan, Puerto Rico <b>00918</b>	see U.S. depositories

MARKET	SUBCUSTODIAN	DEPOSITORY
<b>Qatar</b>	<b>HSBC Bank Middle East Limited</b> (as delegate of The Hongkong and Shanghai Banking Corporation Limited) 2 FI Ali Bin Ali Tower Building no.: 150 Airport Road Doha, Qatar	<b>Qatar Central Securities Depository</b> Al-Emadi Building C Ring Road Doha, Qatar
<b>Romania</b>	<b>Citibank Europe plc, Dublin – Romania Branch</b> 8, Iancu de Hunedoara Boulevard <b>712042</b> , Bucharest Sector 1, Romania	<b>National Bank of Romania</b> 25 Lipskani Street Bucharest <b>3, 030031</b> Romania
		<b>S.C. Depozitarul Central S.A.</b> 34-36 Carol I Boulevard Floors 3, 8 and 9 <b>020922</b> , Bucharest 2, Romania
<b>Russia</b>	<b>AO Citibank</b> 8-10 Gasheka Street, Building 1 <b>125047</b> Moscow, Russia	<b>National Settlement Depository</b> Building 8, 1/13 Sredny Kislovsky Pereulok Moscow <b>125009</b> , Russia
<b>Saudi Arabia</b>	<b>HSBC Saudi Arabia</b> (as delegate of The Hongkong and Shanghai Banking Corporation Limited) HSBC Head Office 7267 Olaya - Al Murooj Riyadh <b>12283-2255</b> Kingdom of Saudi Arabia	<b>Securities Depository Center Company</b> 6897 King Fahd Road Al Ulaya, Unit Number: 11, Riyadh <b>12211 - 3388</b> , Saudi Arabia
	<b>Saudi British Bank</b> (as delegate of The Hongkong and Shanghai Banking Corporation Limited) Prince Abdulaziz Bin Mossaad Bin Jalawi Street (Dabaab) Riyadh <b>11413</b> Kingdom of Saudi Arabia	
<b>Senegal</b>	<b>via Standard Chartered Bank Côte d'Ivoire S.A., Abidjan, Ivory Coast</b> 23, Bld de la République 17 BP 1141 Abidjan <b>17</b> Côte d'Ivoire	<b>Dépositaire Central – Banque de Règlement</b> 18 Rue Joseph Anoma 01 BP 3802 Abidjan <b>01</b> Ivory Coast
		<b>Banque Centrale des Etats d'Afrique de l'Ouest</b> Avenue Abdoulaye FADIGA <b>3108</b> Dakar, Senegal
<b>Serbia</b>	<b>UniCredit Bank Serbia JSC</b> Jurija Gagarina 12 <b>11070</b> Belgrade, Serbia	<b>Central Securities Depository and Clearinghouse</b> Trg Republike 5 <b>11000</b> Belgrade, Serbia

MARKET	SUBCUSTODIAN	DEPOSITORY
Singapore	<b>Citibank N.A.</b> 3 Changi Business Park Crescent #07-00, Singapore <b>486026</b>	<b>Monetary Authority of Singapore</b> Financial Sector Promotion 10 Shenton Way MAS Building Singapore <b>079117</b>
		<b>The Central Depository (Pte.) Limited</b> 9 North Buona Vista Drive #01-19/20 The Metropolis Singapore <b>138588</b>
Slovak Republic	<b>UniCredit Bank Czech Republic and Slovakia, a.s.</b> Šancová 1/A <b>813 33</b> Bratislava, Slovak Republic	<b>Centrálny depozitár cenných papierov SR, a.s.</b> ul. 29 augusta 1/A <b>814 80</b> Bratislava, Slovak Republic
Slovenia	<b>UniCredit Banka Slovenija d.d.</b> Šmartinska 140 <b>SI-1000</b> Ljubljana, Slovenia	<b>KDD – Centralna klirinško depotna družba d.d.</b> Tivolska cesta 48 <b>1000</b> Ljubljana, Slovenia
South Africa	<b>FirstRand Bank Limited</b> Mezzanine Floor 3 First Place Bank City Corner Simmonds & Jeppe Sts. Johannesburg <b>2001</b> Republic of South Africa	<b>Strate (Pty) Ltd.</b> 1st Floor, 9 Fricker Road Illovo Boulevard Illovo, Sandon <b>2196</b> Republic of South Africa
	<b>Standard Bank of South Africa Limited</b> 3 <sup>rd</sup> Floor, 25 Pixley Ka Isaka Seme St. Johannesburg <b>2001</b> Republic of South Africa	
Spain	<b>Deutsche Bank S.A.E.</b> Calle de Rosario Pino 14-16, Planta 1 <b>28020</b> Madrid, Spain	<b>IBERCLEAR</b> Plaza de la Lealtad, 1 <b>28014</b> Madrid, Spain
Sri Lanka	<b>The Hongkong and Shanghai Banking Corporation Limited</b> 24, Sir Baron Jayatilake Mawatha Colombo <b>01</b> , Sri Lanka	<b>Central Bank of Sri Lanka</b> P.O. Box 590 30, Janadhipathi Mawatha Colombo <b>01</b> , Sri Lanka
		<b>Central Depository System (Pvt) Limited</b> 04-01 West Block World Trade Centre Echelon Square Colombo <b>01</b> , Sri Lanka

MARKET	SUBCUSTODIAN	DEPOSITORY
Republic of Srpska	<b>UniCredit Bank d.d.</b> Zelenih beretki 24 71 000 Sarajevo Federation of Bosnia and Herzegovina	<b>Central Registry of Securities in the Republic of Srpska JSC</b> Bana Milosavljevića 6 78 Banja Luka, Republic of Srpska
Swaziland	<b>Standard Bank Swaziland Limited</b> Standard House, Swazi Plaza Mbabane, Swaziland H101	<b>Central Bank of Swaziland</b> Umntsholi Building Mahlokohla Street Mbabane, Swaziland H100
Sweden	<b>Nordea Bank AB (publ)</b> Smålandsgatan 17 105 71 Stockholm, Sweden	<b>Euroclear Sweden AB</b> Klarabergsviadukten 63 111 64 Stockholm, Sweden
	<b>Skandinaviska Enskilda Banken AB (publ)</b> Sergels Torg 2 SE-106 40 Stockholm, Sweden	
Switzerland	<b>Credit Suisse (Switzerland) Limited</b> Uetlibergstrasse 231 8070 Zurich, Switzerland	<b>SIX SIS AG</b> Pfungstweidstrasse 110 CH-8005 Zurich, Switzerland
	<b>UBS Switzerland AG</b> Max-Högger-Strasse 80-82 CH-8048 Zurich-Alstetten, Switzerland	
Taiwan - R.O.C.	<b>Deutsche Bank AG</b> 296 Ren-Ai Road Taipei 106 Taiwan, Republic of China	<b>Central Bank of the Republic of China (Taiwan)</b> 2, Roosevelt Road, Section 1 Taipei, 10066 Taiwan, Republic of China  <b>Taiwan Depository and Clearing Corporation</b> 11F, 363 Fushin N. Rd Taipei, Taiwan, Republic of China
	<b>Standard Chartered Bank (Taiwan) Limited</b> 168 Tun Hwa North Road Taipei 105, Taiwan, Republic of China	
Tanzania	<b>Standard Chartered Bank (Tanzania) Limited</b> 1 Floor, International House Corner Shaaban Robert St and Garden Ave PO Box 9011 Dar es Salaam, Tanzania	<b>CSD &amp; Registry Company Limited</b> 14th floor Golden Jubilee towers Ohio Street Dar es Salaam, Tanzania
Thailand	<b>Standard Chartered Bank (Thai) Public Company Limited</b> Sathorn Nakorn Tower 14 <sup>th</sup> Floor, Zone B 90 North Sathorn Road Silom, Bangkok 10500, Thailand	<b>Thailand Securities Depository Company Limited</b> 93 Ratchadaphisek Road, Dindaeng, Bangkok, 10400 Thailand



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Togo	<b>via Standard Chartered Bank Côte d'Ivoire S.A., Abidjan, Ivory Coast</b> 23, Bld de la République 17 BP 1141 Abidjan 17 Côte d'Ivoire	<b>Dépositaire Central – Banque de Règlement</b> 18 Rue Joseph Anoma 01 BP 3802 Abidjan 01 Ivory Coast
		<b>Banque Centrale des Etats d'Afrique de l'Ouest</b> Avenue Abdoulaye FADIGA 3108 Dakar, Senegal
Tunisia	<b>Union Internationale de Banques</b> 65 Avenue Bourguiba 1000 Tunis, Tunisia	<b>Tunisie Clearing</b> Les Jardins du Lac II 1053 Les Berges du Lac Tunis Tunisia
Turkey	<b>Citibank, A.Ş.</b> Tekfen Tower Eski Buyukdere Caddesi 209 Kat 3 Levent 34394 Istanbul, Turkey	<b>Central Bank of Turkey</b> Anafartalar Mah. İstiklal Cad. No: 10 06050 Ulus Altındağ Ankara Turkey  <b>Central Registry Agency</b> Resitpasa Mahallesi Tuncay Artun Caddesi Emirgan, Sarıyer 34467 Istanbul, Turkey
	<b>Deutsche Bank A.Ş.</b> Eski Buyukdere Caddesi Tekfen Tower No. 209 Kat: 17 4 Levent 34394 Istanbul, Turkey	
Uganda	<b>Standard Chartered Bank Uganda Limited</b> 5 Speke Road P.O. Box 7111 Kampala, Uganda	<b>Bank of Uganda</b> P.O. Box 7120 Plot 37/45 Kampala Road Kampala, Uganda
		<b>Securities Central Depository</b> Plot 1, Pilkington Road Worker's House, 2nd floor North Wing P.O. Box 23552 Kampala, Uganda
Ukraine	<b>JSC Citibank</b> 16-g Dilova St. Kyiv 03150, Ukraine	<b>National Depository of Ukraine</b> 17/8, Nyzhniy Val Str. Kyiv, Ukraine, 04071
<b>United Arab Emirates Dubai Financial Market</b>	<b>HSBC Bank Middle East Limited</b> (as delegate of The Hongkong and Shanghai Banking Corporation Limited) HSBC Securities Services Emaar Square Level 3, Building No. 5 P O Box 502601 Dubai, United Arab Emirates	<b>Clearing, Settlement and Depository                      Division, a department of the Dubai                      Financial Market</b> World Trade Centre (Rashid Tower) Sheikh Zayed Road P.O. Box 9700 Dubai, United Arab Emirates

MARKET	SUBCUSTODIAN	DEPOSITORY
<b>United Arab Emirates Dubai International Financial Center</b>	<b>HSBC Bank Middle East Limited</b> (as delegate of The Hongkong and Shanghai Banking Corporation Limited) HSBC Securities Services Emaar Square Level 3, Building No. 5 P O Box 502601 Dubai, United Arab Emirates	<b>Central Securities Depository, owned and operated by NASDAQ Dubai Limited</b> Level 7, The Exchange Building Gate District Dubai International Financial Centre P.O. Box 53536 Dubai, United Arab Emirates
<b>United Arab Emirates Abu Dhabi</b>	<b>HSBC Bank Middle East Limited</b> (as delegate of The Hongkong and Shanghai Banking Corporation Limited) HSBC Securities Services Emaar Square Level 3, Building No. 5 P O Box 502601 Dubai, United Arab Emirates	<b>Clearing, Settlement, Depository and Registry department of the Abu Dhabi Securities Exchange</b> Al Ghaith Tower Hamdan Bin Mohammed Street  Abu Dhabi, United Arab Emirates
<b>United Kingdom</b>	<b>State Street Bank and Trust Company, United Kingdom branch</b> Quartermile 3 10 Nightingale Way Edinburgh <b>EH3 9EG</b> , Scotland	<b>Euroclear UK &amp; Ireland Limited</b> 33 Cannon St London <b>EC4M 5SB</b> , England
<b>United States</b>	<b>State Street Bank and Trust Company</b> One Lincoln Street Boston, MA <b>02111</b> United States	<b>Depository Trust &amp; Clearing Corporation</b> 55 Water Street New York, NY <b>10041</b> United States
		<b>Federal Reserve Bank</b> 20 <sup>th</sup> Street and Constitution Avenue, NW Washington, DC <b>20551</b> United States
<b>Uruguay</b>	<b>Banco Itaú Uruguay S.A.</b> Zabala 1463 <b>11000</b> Montevideo, Uruguay	<b>Banco Central del Uruguay</b> Diagonal Fabini 777 Montevideo, Uruguay
<b>Vietnam</b>	<b>HSBC Bank (Vietnam) Limited</b> (as delegate of The Hongkong and Shanghai Banking Corporation Limited) Centre Point 106 Nguyen Van Troi Street Phu Nhuan District Ho Chi Minh City, Vietnam	<b>Vietnam Securities Depository</b> 15 Doan Tran Nghiep Street Le Dai Hanh Ward, Hai Ba Trung District Ha Noi, Vietnam
<b>Zambia</b>	<b>Standard Chartered Bank Zambia Plc.</b> Standard Chartered House Cairo Road P.O. Box 32238 <b>10101</b> , Lusaka, Zambia	<b>Bank of Zambia</b> Bank Square Cairo Road P.O. Box 30080 Lusaka <b>10101</b> , Zambia

GLOBAL CUSTODY NETWORK AND DEPOSITORY ADDRESSES

MARKET	SUBCUSTODIAN	DEPOSITORY
		<b>LuSE Central Shares Depository Limited</b> Farmers House 3 <sup>rd</sup> Floor Central Park P.O. Box 34523 Lusaka <b>10101</b> , Zambia
<b>Zimbabwe</b>	<b>Stanbic Bank Zimbabwe Limited</b> (as delegate of Standard Bank of South Africa Limited) 3rd Floor Stanbic Centre 59 Samora Machel Avenue Harare, Zimbabwe	<b>Chengetedzai Depository Company Limited</b> No. 1 Armagh Avenue, Eastlea Harare, Zimbabwe
		<b>Reserve Bank of Zimbabwe</b> 80 Samora Machel Avenue Harare, Zimbabwe
<b>Transnational Depositories</b>		<b>Euroclear Bank S.A./N.V.</b> 1 Boulevard du Roi Albert II <b>B-1210</b> Brussels, Belgium
		<b>Clearstream Banking, S.A.</b> 42 Avenue J.F. Kennedy <b>L-1855</b> Luxembourg