INVESTMENT MANAGEMENT

Morgan Stanley

Morgan Stanley Liquidity Funds Portfolio Holdings

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Fund Name	**Morgan Stanley Liquidity Funds-US Dollar Liquidity**
Fund Type	**Short-Term LVNAV MMF**
Reporting Currency	**USD**
Statement Date	**29-Sep-23**
WAM (days)	**43**
WAL (days)	**59**
Net Assets	**41,140,894,992.92**

CUSIP	ISIN	Security Description	Moody's	S&P	Fitch	Security Type	Industry Classification	Bank Sponsor	Sponsor Moody's	Sponsor S&P	Sponsor Fitch	Currency	Par Value	Coupon Rate	Coupon Type	%	Country	Days to Maturity (1)	Final Maturity Date (2)
269331119	XS2693311198	AGENCE CENTRALE DES ORGANISMES	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	150,000,000			0.36%	FRANCE	1	2-Oct-23
269645806	XS2696458061	AGENCE CENTRALE DES ORGANISMES	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	200,000,000			0.48%	FRANCE	1	2-Oct-23
269670851	XS2696708515	AGENCE CENTRALE DES ORGANISMES	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	300,000,000			0.73%	FRANCE	1	2-Oct-23
269753803	XS2697538036	AGENCE CENTRALE DES ORGANISMES	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	350,000,000			0.84%	FRANCE	32	2-Nov-23
09657SX59	US09657SX598	BANK NEDERLANDSE GEMEENTEN	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	500,000,000			1.21%	NETHERLANDS	4	5-Oct-23
	US09657SXK67	BANK NEDERLANDSE GEMEENTEN	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	250,000,000			0.60%	NETHERLANDS	18	19-Oct-23
09657SY33	US09657SY331	BANK NEDERLANDSE GEMEENTEN	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	250,000,000			0.60%	NETHERLANDS	33	3-Nov-23
06369MZJ5	US06369MZJ51	BANK OF MONTREAL	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	752,000,000			1.80%	CANADA	78	18-Dec-23
06743UB92	US06743UB922	BARCLAYS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	53,000,000			0.13%	UNITED KINGDOM	131	9-Feb-24
06743VYT1	US06743VYT15	BARCLAYS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	75,000,000			0.18%	UNITED KINGDOM	57	27-Nov-23
06744HBS8	US06744HBS85	BARCLAYS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	75,000,000			0.18%	UNITED KINGDOM	51	21-Nov-23
06744HDN7	US06744HDN70	BARCLAYS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	75,000,000			0.18%	UNITED KINGDOM	72	12-Dec-23
06744HLC2	US06744HLC24	BARCLAYS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	100,000,000			0.24%	UNITED KINGDOM	82	22-Dec-23
06744HLD0	US06744HLD07	BARCLAYS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	100,000,000			0.24%	UNITED KINGDOM	81	21-Dec-23
DN2976392	US06744HLP37	BARCLAYS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	200,000,000			0.48%	UNITED KINGDOM	78	18-Dec-23
06744HNW6	US06744HNW69	BARCLAYS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	100,000,000			0.24%	UNITED KINGDOM	75	15-Dec-23
06744HSJ0	US06744HSJ04	BARCLAYS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	300,000,000			0.71%	UNITED KINGDOM	173	22-Mar-24
06744HSK7	US06744HSK76	BARCLAYS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	75,000,000			0.18%	UNITED KINGDOM	170	19-Mar-24
06744HTK6	US06744HTK67	BARCLAYS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	100,000,000			0.24%	UNITED KINGDOM	2	3-Oct-23
09659CX29	US09659CX291	BNP PARIBAS	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	93,651,000			0.23%	FRANCE	1	2-Oct-23
06054PZM1	US06054PZM12	BOFA SECURITIES INC	NR	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	200,000,000			0.48%	UNITED STATES	81	21-Dec-23
05571BAX1	US05571BAX10	BPCE SA	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	240,000,000			0.57%	FRANCE	122	31-Jan-24
05571CZC8	US05571CZC80	BPCE SA	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	350,000,000			0.84%	FRANCE	72	12-Dec-23
12802WXT6	US12802WXT60	CAISSE D'AMORTISSEMENT DE LA DETTE	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	250,000,000			0.60%	FRANCE	26	27-Oct-23
12802WY24	US12802WY249	CAISSE D'AMORTISSEMENT DE LA DETTE	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	1,000,000,000			2.41%	FRANCE	32	2-Nov-23
12800BXX5	US12800BXX53	CAISSE DES DEPOTS ET CONSIGNATIONS	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	500,000,000			1.21%	FRANCE	30	31-Oct-23
17327BZJ7	US17327BZJ78	CITIGROUP GLOBAL MARKETS	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	200,000,000			0.48%	UNITED STATES	78	18-Dec-23
21687AFA6	US21687AFA60	COOPERATIEVE RABOBANK UA	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	175,000,000			0.41%	NETHERLANDS	253	10-Jun-24
23305EZJ5	US23305EZJ53	DBS BANK LTD	P-1	A-1+	F1+	COMMERCIAL PAPER	FINANCIAL					USD	95,000,000			0.23%	SINGAPORE	78	18-Dec-23
2332K0FD9	US2332K0FD90	DNB BANK ASA	P-1	A-1+	NR	COMMERCIAL PAPER	FINANCIAL					USD	135,000,000			0.31%	NORWAY	256	13-Jun-24
26821JX21	US26821JX218	DZ BANK AG DEUTSCHE ZENTRAL-GENOSS	P-1	A-1+	F1+	COMMERCIAL PAPER	FINANCIAL					USD	732,000,000			1.77%	GERMANY	1	2-Oct-23
2696786743	XS2696786743	DZ PRIVATBANK SA	NR	A-1+	F1+	COMMERCIAL PAPER	FINANCIAL					USD	250,000,000			0.61%	GERMANY	1	2-Oct-23
31428GZC0	US31428GZC04	FEDERATION DES CAISSES DESJARDINS	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	200,000,000			0.48%	CANADA	72	12-Dec-23
31428GZD8	US31428GZD86	FEDERATION DES CAISSES DESJARDINS	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	100,000,000			0.24%	CANADA	73	13-Dec-23
31428GZE6	US31428GZE69	FEDERATION DES CAISSES DESJARDINS	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	100,000,000			0.24%	CANADA	74	14-Dec-23
31428GZJ5	US31428GZJ56	FEDERATION DES CAISSES DESJARDINS	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	120,000,000			0.29%	CANADA	78	18-Dec-23
31428GZL0	US31428GZL03	FEDERATION DES CAISSES DESJARDINS	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	300,000,000			0.72%	CANADA	80	20-Dec-23
34411HXB5	US34411HXB58	FMS WERTMANAGEMENT ANSTALT DES OFF	P-1	A-1+	NR	COMMERCIAL PAPER	GOVERNMENT					USD	400,000,000			0.97%	GERMANY	10	11-Oct-23
012820263	FR0128202639	JYSKE BANK A/S	P-1	A-1	NR	COMMERCIAL PAPER	FINANCIAL					USD	500,000,000			1.21%	DENMARK	1	2-Oct-23
269846917	XS2698469173	KINGDOM OF SWEDEN	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	200,000,000			0.48%	SWEDEN	9	10-Oct-23
48246UX43	US48246UX433	KREDITANSTALT FUR WIEDERAUFBAU	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	400,000,000			0.97%	GERMANY	3	4-Oct-23
48246UX50	US48246UX508	KREDITANSTALT FUR WIEDERAUFBAU	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	400,000,000			0.97%	GERMANY	4	5-Oct-23
269802529	XS2698025298	KREDITANSTALT FUR WIEDERAUFBAU	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	500,000,000			1.21%	GERMANY	3	4-Oct-23
269609532	XS2696095327	LANDESBANK BADEN-WURTTEMBERG	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	1,000,000,000			2.41%	GERMANY	32	2-Nov-23
269486104	XS2694861043	LANDWIRTSCHAFTLICHE RENTENBANK	P-1	A-1+	F1+	COMMERCIAL PAPER	FINANCIAL					USD	500,000,000			1.21%	GERMANY	19	20-Oct-23
	XS2653505425	LLOYDS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	200,000,000			0.48%	UNITED KINGDOM	74	14-Dec-23
	XS2653506407	LLOYDS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	150,000,000			0.36%	UNITED KINGDOM	73	13-Dec-23
	XS2654063358	LLOYDS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	100,000,000			0.24%	UNITED KINGDOM	78	18-Dec-23
	XS2654752562	LLOYDS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	200,000,000			0.48%	UNITED KINGDOM	78	18-Dec-23
	XS2655898042	LLOYDS BANK PLC	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	125,000,000			0.30%	UNITED KINGDOM	79	19-Dec-23
55607LZF4	US55607LZF48	MACQUARIE BANK LTD	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	50,000,000			0.12%	AUSTRALIA	75	15-Dec-23
60689PA22	US60689PA229	MIZUHO BANK LTD	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	300,000,000			0.72%	JAPAN	93	2-Jan-24
269498617	XS2694986170	NEDERLANDSE WATERSCHAPSBANK NV	P-1	A-1+	NR	COMMERCIAL PAPER	GOVERNMENT					USD	250,000,000			0.60%	NETHERLANDS	19	20-Oct-23
269499257	XS2694992574	NEDERLANDSE WATERSCHAPSBANK NV	P-1	A-1+	NR	COMMERCIAL PAPER	GOVERNMENT					USD	250,000,000			0.60%	NETHERLANDS	19	20-Oct-23
62939MX28	US62939MX282	NRW.BANK	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	300,000,000			0.73%	GERMANY	1	2-Oct-23
62939MX36	US62939MX365	NRW.BANK	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	500,000,000			1.21%	GERMANY	2	3-Oct-23
62939MX44	US62939MX449	NRW.BANK	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	250,000,000			0.61%	GERMANY	3	4-Oct-23
62939MX51	US62939MX514	NRW.BANK	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	500,000,000			1.21%	GERMANY	4	5-Oct-23
73044DA22	US73044DA228	PODIUM FUNDING TRUST	P-1	A-1	NR	COMMERCIAL PAPER	FINANCIAL					USD	25,000,000			0.06%	UNITED STATES	93	2-Jan-24
73044DFB7	US73044DFB73	PODIUM FUNDING TRUST	P-1	A-1	NR	COMMERCIAL PAPER	FINANCIAL					USD	100,000,000			0.23%	UNITED STATES	254	11-Jun-24
	US73044GZF98	PODIUM FUNDING TRUST	P-1	A-1	NR	COMMERCIAL PAPER	FINANCIAL					USD	25,000,000			0.06%	UNITED STATES	75	15-Dec-23
2697994981	XS2697994981	REPUBLIC OF AUSTRIA	P-1	A-1+	F1+	COMMERCIAL PAPER	GOVERNMENT					USD	300,000,000			0.72%	AUSTRIA	32	2-Nov-23
83369BAX4	US83369BAX47	SOCIETE GENERALE	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	288,000,000			0.68%	FRANCE	122	31-Jan-24
86564XZE7	US86564XZE74	SUMITOMO MITSUI TRUST BANK LTD	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	175,000,000			0.43%	JAPAN	74	14-Dec-23
8672E3Y83	US8672E3Y835	SUNCORP-METWAY LTD	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	75,000,000			0.18%	AUSTRALIA	38	8-Nov-23
8672E3Z58	US8672E3Z584	SUNCORP-METWAY LTD	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	25,000,000			0.06%	AUSTRALIA	65	5-Dec-23
8672E3Z66	US8672E3Z667	SUNCORP-METWAY LTD	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	50,000,000			0.12%	AUSTRALIA	66	6-Dec-23
86960KZD7	US86960KZD70	SVENSKA HANDELSBANKEN AB	P-1	A-1+	F1+	COMMERCIAL PAPER	FINANCIAL					USD	100,000,000			0.24%	SWEDEN	73	13-Dec-23
89237EZD2	US89237EZD20	TOYOTA FINANCE AUSTRALIA	P-1	A-1+	F1	COMMERCIAL PAPER	INDUSTRIAL					USD	183,000,000			0.44%	AUSTRALIA	73	13-Dec-23
89233GFE1	US89233GFE17	TOYOTA MOTOR CREDIT CORP	P-1	A-1+	F1	COMMERCIAL PAPER	AUTOMOBILE					USD	65,000,000			0.15%	JAPAN	257	14-Jun-24

CUSIP	ISIN	Security Description	Moody's	S&P	Fitch	Security Type	Industry Classification	Bank Sponsor	Sponsor Moody's	Sponsor S&P	Sponsor Fitch	Currency	Par Value	Coupon Rate	Coupon Type	%	Country	Days to Maturity (1)	Final Maturity Date (2)
90351WA21	US90351WA218	UBS AG	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	200,000,000			0.48%	SWITZERLAND	93	2-Jan-24
90351WA39	US90351WA390	UBS AG	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	200,000,000			0.48%	SWITZERLAND	94	3-Jan-24
90351WA88	US90351WA887	UBS AG	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	100,000,000			0.24%	SWITZERLAND	99	8-Jan-24
90351WCF0	US90351WCF05	UBS AG	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	145,000,000			0.34%	SWITZERLAND	166	15-Mar-24
90351XZE6	US90351XZE65	UBS AG	P-1	A-1	F1+	COMMERCIAL PAPER	FINANCIAL					USD	75,000,000			0.18%	SWITZERLAND	74	14-Dec-23
92512MZC6	US92512MZC62	VERSAILLES COMMERCIAL PAPER LL	P-1	A-1	F1	COMMERCIAL PAPER	FINANCIAL					USD	100,000,000			0.24%	UNITED STATES	72	12-Dec-23
9288N3ZF0	US9288N3ZF01	VOLVO TREASURY NA LP	P-1	A-1	NR	COMMERCIAL PAPER	FINANCIAL					USD	150,000,000			0.36%	UNITED STATES	75	15-Dec-23
9288N3ZM5	US9288N3ZM51	VOLVO TREASURY NA LP	P-1	A-1	NR	COMMERCIAL PAPER	FINANCIAL					USD	93,000,000			0.22%	UNITED STATES	81	21-Dec-23
						COMMERCIAL PAPER Total							**18,594,651,000**			**44.74%**			
06945MX27	US06945MX270	BARTON CAPITAL SA	P-1	A-1	F1	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	100,000,000			0.24%	FRANCE	1	2-Oct-23
12710HZL5	US12710HZL58	CABOT TRAIL FUNDING LLC	P-1	A-1+	NR	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	50,000,000			0.12%	UNITED STATES	80	20-Dec-23
19421MFH0	US19421MFH07	COLLATERALIZED COMMERCIAL PAPER FLEX CO LLC	P-1	A-1	F1+	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	135,000,000	5.84000	Variable	0.33%	UNITED STATES	1	21-Jun-24
19423RBV0	US19423RBV06	COLLATERALIZED COMMERCIAL PAPER CO III	P-1	A-1	NR	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	135,000,000	6.02000	Fixed	0.33%	UNITED STATES	264	21-Jun-24
19423RBU2	US19423RBU23	COLLATERALIZED COMMERCIAL PAPER V CO LLC	P-1	A-1	F1+	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	350,000,000	6.03000	Fixed	0.85%	UNITED STATES	257	14-Jun-24
30601WZF9	US30601WZF93	FAIRWAY FINANCE LLC	P-1	A-1	NR	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	75,000,000			0.18%	CANADA	75	15-Dec-23
53944QAQ3	US53944QAQ38	LMA SA	P-1	A-1	F1+	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	51,950,000			0.12%	FRANCE	115	24-Jan-24
53944QAR1	US53944QAR11	LMA SA	P-1	A-1	F1+	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	37,900,000			0.09%	FRANCE	116	25-Jan-24
53944QAS9	US53944QAS93	LMA SA	P-1	A-1	F1+	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	42,600,000			0.10%	FRANCE	117	26-Jan-24
53944RX45	US53944RX456	LMA SA	P-1	A-1	F1+	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	51,000,000			0.12%	FRANCE	3	4-Oct-23
85520LCT0	US85520LCT08	STARBIRD FUNDING CORP	P-1	A-1	NR	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	100,000,000			0.24%	UNITED STATES	178	27-Mar-24
85520LCU7	US85520LCU70	STARBIRD FUNDING CORP	P-1	A-1	NR	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	50,000,000			0.12%	UNITED STATES	179	28-Mar-24
85520PGY6	US85520PGY60	STARBIRD FUNDING CORP	P-1	A-1	NR	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	90,000,000	5.83000	Variable	0.22%	UNITED STATES	1	4-Oct-23
85520PHA7	US85520PHA75	STARBIRD FUNDING CORP	P-1	A-1	NR	ASSET BACKED COMMERCIAL PAPER	FINANCIAL					USD	50,000,000	5.83000	Variable	0.12%	UNITED STATES	1	3-Oct-23
						ASSET BACKED COMMERCIAL PAPER Total							**1,318,450,000**			**3.18%**			
05253MUT9	US05253MUT97	AUSTRALIA AND NEW ZEALAND BANKING	P-1	A-1+	F1+	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	100,000,000	5.81000	Variable	0.24%	AUSTRALIA	1	22-Mar-24
05571EBK2	US05571EBK29	BPCE SA	P-1	A-1	F1	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	76,500,000	5.81000	Variable	0.19%	FRANCE	1	5-Oct-23
05571EBZ9	US05571EBZ97	BPCE SA	P-1	A-1	F1	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	400,000,000	5.76000	Variable	0.97%	FRANCE	1	1-Dec-23
12509QBM4	US12509QBM42	CDP FINANCIAL INC	P-1	A-1+	F1+	COMMERCIAL PAPER - INTEREST BEARING	GOVERNMENT					USD	150,000,000	5.78000	Variable	0.36%	CANADA	1	2-Oct-23
12509QBN2	US12509QBN25	CDP FINANCIAL INC	P-1	A-1+	F1+	COMMERCIAL PAPER - INTEREST BEARING	GOVERNMENT					USD	325,000,000	5.77000	Variable	0.79%	CANADA	1	4-Oct-23
20272A3A2	US20272A3A23	COMMONWEALTH BANK OF AUSTRALIA	P-1	A-1+	F1+	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	100,000,000	5.81000	Variable	0.24%	AUSTRALIA	1	20-Mar-24
20272A3F1	US20272A3F10	COMMONWEALTH BANK OF AUSTRALIA	P-1	A-1+	F1+	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	250,000,000	5.81000	Variable	0.61%	AUSTRALIA	1	26-Mar-24
46651VEA0	US46651VEA08	JPMORGAN CHASE BANK NA	P-1	A-1	F1+	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	150,000,000	5.98000	Fixed	0.36%	UNITED STATES	274	1-Jul-24
55607NSB7	US55607NSB72	MACQUARIE BANK LTD	P-1	A-1	F1	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	100,000,000	5.67000	Variable	0.24%	AUSTRALIA	1	30-Nov-23
55607NSG6	US55607NSG69	MACQUARIE BANK LTD	P-1	A-1	F1	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	200,000,000	5.67000	Variable	0.48%	AUSTRALIA	1	11-Dec-23
6324GYK5	US63254GYK56	NATIONAL AUSTRALIA BANK LTD	P-1	A-1+	F1	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	75,000,000	5.82000	Variable	0.18%	AUSTRALIA	1	22-Mar-24
65557RCS7	US65557RCS76	NORDEA BANK AB	P-1	A-1+	F1+	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	125,000,000	5.69000	Variable	0.30%	FINLAND	1	14-Dec-23
65557RCT5	US65557RCT59	NORDEA BANK AB	P-1	A-1+	F1+	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	75,000,000	5.81000	Variable	0.18%	FINLAND	1	18-Mar-24
90276JRY4	US902761RY46	UBS AG	P-1	A-1	F1+	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	125,000,000	5.67000	Variable	0.30%	SWITZERLAND	1	15-Nov-23
90276JSA5	US902761SA50	UBS AG	P-1	A-1	F1+	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	120,000,000	5.67000	Variable	0.29%	SWITZERLAND	1	17-Nov-23
90276JTJ5	US90276JTJ50	UBS AG	P-1	A-1	F1+	COMMERCIAL PAPER - INTEREST BEARING	FINANCIAL					USD	125,000,000	5.80000	Variable	0.30%	SWITZERLAND	1	12-Dec-23
						COMMERCIAL PAPER - INTEREST BEARING Total							**2,496,500,000**			**6.03%**			
	XS2664200644	ABN AMRO BANK	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	200,000,000			0.48%	NETHERLANDS	93	2-Jan-24
05966D4Z2	US05966D4Z23	BANCO SANTANDER SA	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	200,000,000	5.89000	Fixed	0.48%	SPAIN	110	19-Jan-24
05966D5L2	US05966D5L28	BANCO SANTANDER SA	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	350,000,000	5.75000	Variable	0.85%	SPAIN	1	15-Feb-24
05966D5S7	US05966D5S70	BANCO SANTANDER SA	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	125,000,000	5.90000	Fixed	0.30%	SPAIN	165	14-Mar-24
06050FFC1	US06050FFC14	BANK OF AMERICA NA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	500,000,000	5.81000	Variable	1.21%	UNITED STATES	1	18-Dec-23
06050FFG2	US06050FFG28	BANK OF AMERICA NA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	250,000,000	5.78000	Variable	0.61%	UNITED STATES	1	22-Dec-23
06051WAD6	US06051WAD65	BANK OF AMERICA NA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	202,500,000	5.92000	Fixed	0.49%	UNITED STATES	313	9-Aug-24
06051WDR2	US06051WDR25	BANK OF AMERICA NA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	125,000,000	6.00000	Fixed	0.30%	UNITED STATES	358	23-Sep-24
06052T7D6	US06052T7D61	BANK OF AMERICA NA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	95,000,000	5.95000	Fixed	0.23%	UNITED STATES	309	5-Aug-24
06054R6R8	US06054R6R82	BANK OF AMERICA NA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	250,000,000	5.81000	Variable	0.61%	UNITED STATES	1	7-Nov-23
06417M2J3	US06417M2J37	BANK OF NOVA SCOTIA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	125,000,000	5.72000	Variable	0.30%	CANADA	1	15-Dec-23
06417M4G7	US06417M4G79	BANK OF NOVA SCOTIA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	135,000,000	5.90000	Fixed	0.33%	CANADA	267	24-Jun-24
06417MV36	US06417MV365	BANK OF NOVA SCOTIA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	325,000,000	5.76000	Variable	0.79%	CANADA	1	2-Oct-23
06417MW92	US06417MW926	BANK OF NOVA SCOTIA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	50,000,000	5.75000	Variable	0.12%	CANADA	1	6-Oct-23
05586FX93	US05586FX939	BNP PARIBAS	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	155,000,000	5.88000	Fixed	0.38%	FRANCE	264	21-Jun-24
13606KVD5	US13606KVD52	CANADIAN IMPERIAL BANK OF COMM	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	330,000,000	5.81000	Variable	0.80%	CANADA	1	6-Nov-23
17330QDG9	US17330QDG91	CITIBANK NA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	300,000,000	5.72000	Variable	0.73%	UNITED STATES	1	15-Dec-23
17330QFL6	US17330QFL68	CITIBANK NA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	210,000,000	5.92000	Fixed	0.51%	UNITED STATES	264	21-Jun-24
21684XG83	US21684XG831	COOPERATIEVE RABOBANK UA	P-1	A-1	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	65,000,000	5.90000	Fixed	0.16%	NETHERLANDS	318	14-Aug-24
	XS2652082152	CREDIT INDUSTRIEL ET COMMERCIAL	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	250,000,000			0.60%	FRANCE	107	16-Jan-24
60710TCQ2	US60710TCQ22	MIZUHO BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	600,000,000	5.78000	Variable	1.45%	JAPAN	1	2-Nov-23
	XS2662932081	MIZUHO BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	100,000,000			0.24%	JAPAN	74	14-Dec-23
269281243	XS2692812436	MIZUHO BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	100,000,000			0.24%	JAPAN	75	15-Dec-23
	XS2693369436	MIZUHO BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	100,000,000			0.24%	JAPAN	75	15-Dec-23
269865164	XS2698651648	MIZUHO BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	250,000,000			0.60%	JAPAN	75	15-Dec-23
269907231	XS2699072315	MIZUHO BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	75,000,000			0.18%	JAPAN	71	11-Dec-23
63873QP24	US63873QP248	NATIXIS SA	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	135,000,000	5.94000	Fixed	0.33%	FRANCE	257	14-Jun-24
65558UH96	US65558UH960	NORDEA BANK AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	125,000,000	5.77000	Variable	0.30%	FINLAND	1	3-Nov-23
65558US52	US65558US520	NORDEA BANK AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	160,000,000	5.70000	Variable	0.39%	FINLAND	1	7-Dec-23
65558UT51	US65558UT510	NORDEA BANK AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	172,000,000	5.69000	Variable	0.42%	FINLAND	1	14-Dec-23
65558UT69	US65558UT692	NORDEA BANK AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	100,000,000	5.82000	Variable	0.24%	FINLAND	1	15-Mar-24
65558UU83	US65558UU831	NORDEA BANK AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	125,000,000	5.82000	Variable	0.30%	FINLAND	1	22-Mar-24
65558UW24	US65558UW241	NORDEA BANK AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	180,000,000	5.81000	Variable	0.44%	FINLAND	1	18-Mar-24
69033M3U9	US69033M3U97	OVERSEA-CHINESE BANKING CORP	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	200,000,000	5.52000	Fixed	0.48%	SINGAPORE	1	2-Oct-23
69033M4S3	US69033M4S33	OVERSEA-CHINESE BANKING CORP	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	200,000,000	5.65000	Fixed	0.48%	SINGAPORE	78	18-Dec-23
78015J6X0	US7801536X02	ROYAL BANK OF CANADA	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	150,000,000	5.96000	Fixed	0.36%	CANADA	354	19-Sep-24
86565FN32	US86565FN324	SUMITOMO MITSUI BANK NY	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	400,000,000	5.71000	Variable	0.97%	JAPAN	1	5-Dec-23
86565FF72	US86565FF726	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	155,000,000	5.80000	Variable	0.38%	JAPAN	1	18-Dec-23
86565FF80	US86565FF809	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	155,000,000	5.80000	Variable	0.38%	JAPAN	1	19-Dec-23
86565FG71	US86565FG716	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	300,000,000	5.78000	Variable	0.73%	JAPAN	1	1-Dec-23
86565FK76	US86565FK767	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	110,000,000	5.77000	Variable	0.27%	JAPAN	1	15-Dec-23
86565FR79	US86565FR796	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	200,000,000	5.69000	Variable	0.48%	JAPAN	1	19-Dec-23
86565FS29	US86565FS299	SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	250,000,000	5.67000	Variable	0.61%	JAPAN	1	20-Dec-23
86564PFA4	US86564PFA49	SUMITOMO MITSUI TRUST BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	200,000,000	5.30000	Fixed	0.48%	JAPAN	1	2-Oct-23
86564PFE6	US86564PFE60	SUMITOMO MITSUI TRUST BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	300,000,000	5.30000	Fixed	0.73%	JAPAN	3	4-Oct-23

CUSIP	ISIN	Security Description	Moody's	S&P	Fitch	Security Type	Industry Classification	Bank Sponsor	Sponsor Moody's	Sponsor S&P	Sponsor Fitch	Currency	Par Value	Coupon Rate	Coupon Type	%	Country	Days to Maturity (1)	Final Maturity Date (2)
	XS2669260577	SUMITOMO MITSUI TRUST BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	200,000,000			0.48%	JAPAN	75	15-Dec-23
269245824	XS2692458248	SUMITOMO MITSUI TRUST BANK LTD	P-1	A-1	F1	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	50,000,000			0.12%	JAPAN	75	15-Dec-23
86959R3E8	US86959R3E83	SVENSKA HANDELSBANKEN AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	230,000,000	5.60500	Fixed	0.56%	SWEDEN	52	22-Nov-23
	US86959R3G32	SVENSKA HANDELSBANKEN AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	240,000,000	5.72000	Variable	0.58%	SWEDEN	1	1-Dec-23
86959RX96	US86959RX968	SVENSKA HANDELSBANKEN AB	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	450,000,000	5.79000	Variable	1.09%	SWEDEN	1	2-Nov-23
89115B6Z8	US89115B6Z85	TORONTO DOMINION BANK	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	150,000,000	5.88000	Fixed	0.36%	CANADA	257	14-Jun-24
89115BAM2	US89115BAM28	TORONTO DOMINION BANK	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	100,000,000	6.00000	Fixed	0.24%	CANADA	355	20-Sep-24
	US89115BHY92	TORONTO DOMINION BANK	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	100,000,000	5.70000	Fixed	0.24%	CANADA	61	1-Dec-23
95001KKM5	US95001KKM52	WELLS FARGO BANK NA	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	350,000,000	5.81000	Variable	0.85%	UNITED STATES	1	20-Dec-23
95001KLT9	US95001KLT96	WELLS FARGO BANK NA	P-1	A-1+	F1+	CERTIFICATE OF DEPOSIT	FINANCIAL					USD	200,000,000	5.68000	Variable	0.48%	UNITED STATES	1	11-Dec-23
						CERTIFICATE OF DEPOSIT Total							**11,154,500,000**			**27.00%**			
63859UBG7	US63859UBG76	NATIONWIDE BUILDING SOCIETY	P-1	A-1	F1	CORPORATE BOND	FINANCIAL					USD	24,200,000	0.55000	Fixed	0.06%	UNITED KINGDOM	113	22-Jan-24
						CORPORATE BOND Total							**24,200,000**			**0.06%**			
912797HC4	US912797HC44	GOVERNMENT OF THE UNITED STATES	P-1	A-1+	F1+	TREASURY BILL	GOVERNMENT					USD	750,000,000			1.81%	UNITED STATES	23	24-Oct-23
						TREASURY BILL Total							**750,000,000**			**1.81%**			
		AUSTRALIA AND NEW ZEALAND BANKING	P-1	A-1+	F1+	TIME DEPOSIT	FINANCIAL					USD	150,000,000	5.32000	Fixed	0.36%	AUSTRALIA	1	2-Oct-23
		BARCLAYS BANK PLC	P-1	A-1	F1	TIME DEPOSIT	FINANCIAL					USD	320,000,000	5.32000	Fixed	0.78%	UNITED KINGDOM	1	2-Oct-23
		CANADIAN IMPERIAL BANK OF COMM	P-1	A-1	F1+	TIME DEPOSIT	FINANCIAL					USD	1,000,000	5.31000	Fixed	0.00%	CANADA	1	2-Oct-23
		COOPERATIEVE RABOBANK UA	P-1	A-1	F1+	TIME DEPOSIT	FINANCIAL					USD	100,000,000	5.30000	Fixed	0.24%	NETHERLANDS	1	2-Oct-23
		CREDIT AGRICOLE CIB	P-1	A-1	F1	TIME DEPOSIT	FINANCIAL					USD	14,000,000	5.30000	Fixed	0.03%	FRANCE	1	2-Oct-23
		DNB BANK ASA	P-1	A-1+	NR	TIME DEPOSIT	FINANCIAL					USD	1,163,000,000	5.30000	Fixed	2.82%	NORWAY	1	2-Oct-23
		NATIONAL BANK OF CANADA	P-1	A-1	F1	TIME DEPOSIT	FINANCIAL					USD	1,092,000,000	5.31000	Fixed	2.65%	CANADA	1	2-Oct-23
		ROYAL BANK OF CANADA	P-1	A-1+	F1+	TIME DEPOSIT	FINANCIAL					USD	350,000,000	5.29000	Fixed	0.85%	CANADA	1	2-Oct-23
		SKANDINAVISKA ENSKILDA BANKEN AB	P-1	A-1	F1+	TIME DEPOSIT	FINANCIAL					USD	1,070,000,000	5.31000	Fixed	2.59%	SWEDEN	1	2-Oct-23
		SVENSKA HANDELSBANKEN AB	P-1	A-1+	F1+	TIME DEPOSIT	FINANCIAL					USD	340,000,000	5.28000	Fixed	0.82%	SWEDEN	1	2-Oct-23
		TORONTO DOMINION BANK	P-1	A-1+	F1+	TIME DEPOSIT	FINANCIAL					USD	270,000,000	5.30000	Fixed	0.65%	CANADA	1	2-Oct-23
						TIME DEPOSIT Total							**4,870,000,000**			**11.79%**			
		DEUTSCHE BANK AG	P-2	A-2	F2	TRI-PARTY REPO	FINANCIAL					USD	400,000,000	5.30000	Fixed	0.97%	GERMANY	1	2-Oct-23
		JP MORGAN SECURITIES LLC	P-1	A-1	F1+	TRI-PARTY REPO	FINANCIAL					USD	370,000,000	5.30000	Fixed	0.90%	UNITED STATES	1	2-Oct-23
		ROYAL BANK OF CANADA	P-1	A-1+	F1+	TRI-PARTY REPO	FINANCIAL					USD	370,000,000	5.28000	Fixed	0.90%	CANADA	1	2-Oct-23
		SOCIETE GENERALE	P-1	A-1	F1	TRI-PARTY REPO	FINANCIAL					USD	178,000,000	5.28000	Fixed	0.43%	FRANCE	1	2-Oct-23
		SUMITOMO MITSUI BANKING CORPORATION	P-1	A-1	F1	TRI-PARTY REPO	FINANCIAL					USD	700,000,000	5.30000	Fixed	1.70%	JAPAN	1	2-Oct-23
						TRI-PARTY REPO Total							**2,018,000,000**			**4.90%**			
		CASH				CASH	CASH					USD	202,788,486			0.49%		1	
						Cash							**202,788,486**			**0.49%**			

basis points between the stable NAV and the Net Asset Value per Share, the following redemption or issue of Shares shall be undertaken at a price that is equal to the Net Asset Value per Share.

Ratings followed by an "i" are implied. Ratings are implied when no short-term rating is assigned by the rating agency.

Note: WAM and WAL (days) are based as of the trading date whereas Days to Maturity and Final Maturity Date are based as of the settlement date.

Note 1: Days to Maturity includes up to the first reset date if/where applicable (WAM use).

Note 2: Final Maturity Date represents the final/legal maturity (WAL use).

Note 3: Daily Holdings reports are available upon request from your Relationship Manager.

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