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Morgan Stanley

To the Unitholders of: *Morgan Stanley Portfolios, Series 66 Capex Captains*

In accordance with the Standard Terms and Conditions of the Trust, The Bank of New York Mellon, Trustee, submits the following cash basis statement for the period January 1, 2025 thru the termination date May 27, 2025.

Income Account

Balance on January 1, 2025		\$	14,785.22
Income Received on Securities			45,744.71
Less:			
Trustee Fee and Fund Expenses	\$	11,123.69	
Income Paid for Unit Redemptions			24,325.23
Distributions to Unitholders			25,081.01
			60,529.93
Balance on May 27, 2025*		\$	0.00

Distributions From the Income Account

	Date	Rate per Unit	Total per Distribution
Semi-Annually:	05-27-25	\$ 0.06260	\$ 25,081.01
Total		\$ 0.06260	\$ 25,081.01

Principal and Redemption Accounts

Balance on January 1, 2025		\$	7,370.99
Proceeds Received from Sale, Maturity, Liquidation or Redemption of Securities			10,374,624.90
Less:			
Proceeds Paid to Unitholders from the Redemption Account for Redemption of Units	\$	5,756,457.11	
Principal Distributions from Capital Account			4,625,538.78
			10,381,995.89
Balance on May 27, 2025*		\$	0.00

Distributions From the Principal Account

	Date	Rate per Unit	Total per Distribution
	05-27-25	\$ 11.54770	\$ 4,625,538.78
Total		\$ 11.54770	\$ 4,625,538.78

Securities Removed From the Portfolio

Date	Shares	Description	Proceeds
Various	2,823	Applied Materials Inc	\$ 438,110.38
Various	15,959	Cae Inc	394,782.80
Various	992	Deere & Co	492,891.35
Various	2,023	Eaton Corp Plc	620,775.45
Various	1,754	First Solar Inc	261,161.85
Various	6,261	Globalfoundries Inc	230,152.10
Various	286	Grail Inc	9,848.26
Various	11,874	Halliburton Co	249,671.58
Various	1,792	Honeywell International Inc	388,727.55
Various	1,714	Illumina Inc	137,486.94
Various	1,106	Intuitive Surgical Inc	584,215.32
Various	11,681	Jefferies Finl Group Inc	584,131.85
Various	2,099	Lincoln Electric Holdings Inc	399,473.77
Various	1,106	Moody's Corp	515,657.73
Various	1,221	Motorola Solutions Inc	516,544.17
Various	800	Northrop Grumman Corp	384,937.60
Various	23,483	Nov Inc	297,807.37
Various	3,741	Palo Alto Networks Inc	682,926.42
Various	1,067	Parker-Hannifin Corp	679,617.97
Various	1,257	Rockwell Automation Inc	360,021.04
Various	5,688	Seagate Technology	571,167.78
Various	14,926	Shoals Technologies Group, Inc. (Class A)	63,034.21
Various	1,182	Solaredge Technologies Inc	18,328.84
Various	648	Thermo Fisher Scientific Inc	275,518.75
Various	9,010	Uber Technologies Inc	753,609.38
Various	20,197	Verra Mobility Corp	464,024.44
Totals	144,690		\$ 10,374,624.90

Securities Portfolio As of May 27, 2025

NONE

* *Statement Regarding Negative Balances.* Income Account - A negative balance in the Income Account may be attributed to the payment cycle of the securities in the Portfolio. Distributions may be more or less than the amount credited to the Income Account. Principal and Redemption Accounts - A negative balance in the Principal and Redemption Accounts may be attributed to pending securities sales to meet unit redemptions.

Bid prices have been determined and furnished to the Trustee by the Evaluator for the Trust. The prices quoted above are stated as a percentage of the face value.

The Bank of New York Mellon, as Trustee, is not in a position to determine, or assist unit holders in determining capital gains and losses. Questions that apply to the calculations of income taxes should be referred to your tax consultant.

Trustee reports for 2022, if applicable for your UIT, will not be distributed in paper form. Future reports will be posted to the Sponsor's website

(www.morganstanley.com/what-we-do/wealth-management/unit-investment-trusts). You may request a paper copy free of charge by contacting your Financial Advisor.