NYSE ARCA Options Market Maker Posting Tier Output Interface Requirement Specification

NYSE Arca Options

12/3/2024

Document Version 2.3

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Background

This document outlines Arca Market Making Posting Tier report that provides month-to-date Market Maker eligible volumes against Market Maker billing incentive programs for posting credits and take fee discounts as per the current NYSE Arca Options fee schedule. This report also includes Customer Discount Take Fee programs.

Naming Conventions and Formatting

1. Output files will be made available for secure pick-up via Managed File Transfer (MFT).

2. Output file will conform to the following standards:

    a. All files will be comma delimited.

    b. Files will not be sorted.

    c. Headers will not be provided.

    d. Files will be compressed and delivered as .dat.gz

    e. File naming convention will support standard versioning controls.

3. Output files will be provided by CRD# only and follow standard naming convention:

    a. <Market>_<Output Name>_<Type>_<FilterType>_<MFTID>_YYYYMMDD_Vx.dat.gz

        i. ARCO_MM_TIER_POSTING_EF_<CRD#>_<MFTID>_YYYYMMDD_Vx.dat.gz

4. Output file will be made available at start day on T+1 after 6 a.m.

5. As new enhancements are made to these outputs, customers may expect to receive both current and new versions in their MFT file folder. All new versions will be tagged with a version number which will then allow the customer to migrate to the new file format when ready. Advance notification of dates will be provided with a minimum of 30 day notice dependent upon size and scope of changes.

6. After the migration timeframe has expired, customers will see only the latest version in their MFT folders.

Contact Information

Firms may request to subscribe to any of the outputs by contacting NYSE-CustomerOutput@theice.com.

Market Maker Posting Tier Report Format

Report Record Format Layout

Report will contain both detail and Summary Programs utilizing the same record layout.

Detail section of the report will contain a row for each incentive program and tier type.

Summary section will consolidate detail programs and incentives to reflect the current max incentive achieved month to date.

#	Field Name	Field Description	Format	Valid Value
1	Trade Date	Trading Date	Date	Represented as: YYYYMMDD
2	Program Name	Market Maker incentive billing and Tiers program offered to Firm	Varchar (400)	**Market Maker Detail Product Codes:** PP_DISCOUNT_TAKE_FEE PP_DISCOUNT_TAKE_EXT PP_DISCOUNT_TAKE_INT NONPP_DISCOUNT_TAKE_FEE MM_PP_POST MM_PP_SPY_POST MM_SPY_INCENTIVE LMM_PP_POST LMM_PP_SPY_POST LMM_PP_SPY_INCENTIVE MM_NPP_NC_POST_DISC LMM_NPP_NC_POST_DISC **Market Maker Summary Product Codes:** MM_PP_POST_SUMMARY MM_PP_SPY_POST_SUMMARY LMM_PP_POST_SUMMARY LMM_PP_SPY_POST_SUMMARY PP_DISCOUNT_TAKE_FEE_SUMMARY ***** PP_DISCOUNT_TAKE_EXT_SUMMARY ***** PP_DISCOUNT_TAKE_INT_SUMMARY ***** NONPP_DISCOUNT_TAKE_FEE_SUMMARY MM_NPP_NC_POST_DISC_SUMMARY LMM_NPP_NC_POST_DISC_SUMMARY Note1: For Summary Row, Tier Name will be null. "*****": For Discount Take Fee, Summary Row will only be displayed for most desirable program achieved.

#	Field Name	Field Description	Format	Valid Value
3	Tier Name	Identifies the Tier based Fee schedule.	Varchat(40)	Valid Values: BASE_RATE TIER_1 TIER_1A TIER_1B TIER_2 TIER_2A TIER_2B TIER_3 TIER_3A TIER_3B TIER_4 TIER_SELECT TIER_SUPER_A TIER_SUPER_B1 TIER_SUPER_B2 TIER_SUPER_SELECT_A1 TIER_SUPER_SELECT_A2 TIER_SUPER_SELECT_B1 TIER_SUPER_SELECT_B2 TIER_SUPER_TIER_2_A1 TIER_SUPER_TIER_2_A2 TIER_SUPER_TIER_2_B1 TIER_SUPER_TIER_2_B2
4	Condition	Boolean condition that identifies whether multiple criteria must be met to achieve a Tier.	Varchar(40)	Blank OR AND Note: For Summary Row, Condition will be null.
5	Tier Rate	Applicable rate for each program and tier type.	Decimal (22,2)	Dollar amount (including decimal). Format = $00000.00 (including $). Credits will be depicted in parenthesis. Fee's will not.
6	Threshold	Calculated volume threshold to meet each program and Tier type	Integer	Calculated daily. Rounded to nearest integer. Note: For Base Rate Tier Type, Threshold will be null.
7	Volume	Market Maker Trading Volume	Integer	Calculated daily for Individual Detail Lines. Rounded to nearest integer.

#	Field Name	Field Description	Format	Valid Value
		(includes both Option & Equites MM Volume)		Note: For summary rows, Volume information will be null.
8	Total TCADV	TCADV of Customer Equity, ETF, and Options average daily volume.	Integer	Calculated daily for Individual Detail Lines. Rounded to nearest integer. Applicable to Summary Rows only. All others will be null.

Appendices

Appendix A: Market Maker Posting Tier Report Sample Output

Program Name	Tier Name	Condition	Tier Rate	Threshold	Client Volume	Total TCADV
PP_DISCOUNT_TAKE_FEE	BASE_RATE		$0.50	0	1009811	Null
PP_DISCOUNT_TAKE_FEE	TIER_1A	OR	($0.02)	328657	1009811	Null
PP_DISCOUNT_TAKE_FEE	TIER_1B		($0.02)	657314	972682	Null
PP_DISCOUNT_TAKE_FEE	TIER_2A	AND	($0.03)	657314	1009811	Null
PP_DISCOUNT_TAKE_FEE	TIER_2B		($0.03)	657314	972682	Null
PP_DISCOUNT_TAKE_EXT	BASE_RATE		$0.50	0	1009811	Null
PP_DISCOUNT_TAKE_EXT	TIER_1A	OR	($0.02)	328657	1009811	Null
PP_DISCOUNT_TAKE_EXT	TIER_1B		($0.02)	657314	972682	Null
PP_DISCOUNT_TAKE_INT	BASE_RATE		$0.50	0	1009811	Null
PP_DISCOUNT_TAKE_INT	TIER_1A	AND	($0.03)	328657	1009811	Null
PP_DISCOUNT_TAKE_INT	TIER_1B		($0.03)	657314	972682	Null
NONPP_DISCOUNT_TAKE_FEE	BASE_RATE		$1.10	0	1009811	Null
NONPP_DISCOUNT_TAKE_FEE	TIER_1A	AND	($0.02)	492985	972682	Null
NONPP_DISCOUNT_TAKE_FEE	TIER_1B		($0.02)	213627	972682	Null
NONPP_DISCOUNT_TAKE_FEE	TIER_2		($0.02)	49299	1029103	Null
MM_PP_POST	BASE_RATE		($0.28)	0	19191	Null
MM_PP_POST	TIER_SELECT		($0.32)	82164	19191	Null
MM_PP_POST	TIER_SUPER_A	OR	($0.37)	180761	19191	Null
MM_PP_POST	TIER_SUPER_B1	AND	($0.37)	525851	2168174	Null
MM_PP_POST	TIER_SUPER_B2		($0.37)	49299	19191	Null
MM_PP_POST	TIER_SUPER_SELECT_A1	AND	($0.40)	50123	59159	Null
MM_PP_POST	TIER_SUPER_SELECT_A2		($0.40)	50123	59159	Null
MM_PP_POST	TIER_SUPER_SELECT_B1	AND	($0.41)	48365	31555	Null

Program Name	Tier Name	Condition	Tier Rate	Threshold	Client Volume	Total TCADV
MM_PP_POST	TIER_SUPER_SELECT_B2		($0.41)	48365	31555	Null
MM_PP_POST	TIER_SUPER_TIER_2_A1	AND	($0.42)	32866	19191	Null
MM_PP_POST	TIER_SUPER_TIER_2_A2		($0.42)	30478930	896558	Null
MM_PP_POST	TIER_SUPER_TIER_2_B1	AND	($0.42)	525851	812789	Null
MM_PP_POST	TIER_SUPER_TIER_2_B2		($0.42)	295791	19191	Null
MM_PP_SPY_POST	BASE_RATE		($0.28)	82164	19191	Null
MM_PP_SPY_POST	TIER_SELECT		($0.32)	180761	19191	Null
MM_PP_SPY_POST	TIER_SUPER_A	OR	($0.39)	525851	2168174	Null
MM_PP_SPY_POST	TIER_SUPER_B1	AND	($0.39)	49299	19191	Null
MM_PP_SPY_POST	TIER_SUPER_B2		($0.39)	32866	19191	Null
MM_PP_SPY_POST	TIER_SUPER_SELECT_A1	AND	($0.40)	50123	59159	Null
MM_PP_SPY_POST	TIER_SUPER_SELECT_A2		($0.40)	50123	59159	Null
MM_PP_SPY_POST	TIER_SUPER_SELECT_B1	AND	($0.41)	48365	31555	Null
MM_PP_SPY_POST	TIER_SUPER_SELECT_B2		($0.41)	48365	31555	Null
MM_PP_SPY_POST	TIER_SUPER_TIER_2_A1	AND	($0.42)	30478930	896558	Null
MM_PP_SPY_POST	TIER_SUPER_TIER_2_A2		($0.42)	32866	19191	Null
MM_PP_SPY_POST	TIER_SUPER_TIER_2_B2	AND	($0.42)	295791	19191	Null
MM_PP_SPY_POST	TIER_SUPER_TIER_2_B2		($0.42)	295791	19191	Null
MM_SPY_INCENTIVE	TIER_1		($0.36)	49299	31	Null
MM_SPY_INCENTIVE	TIER_2		($0.45)	65731	31	Null
LMM_PP_POST	BASE_RATE (LMM)		($0.32)	0	19191	Null
LMM_PP_POST	TIER_SELECT		($0.36)	82164	19191	Null
LMM_PP_POST	TIER_SUPER_A	OR	($0.41)	180761	19191	Null
LMM_PP_POST	TIER_SUPER_B1	AND	($0.41)	525851	2168174	Null
LMM_PP_POST	TIER_SUPER_B2		($0.41)	49299	19191	Null
LMM_PP_POST	TIER_SUPER_SELECT_A1	AND	($0.40)	50123	59159	Null
LMM_PP_POST	TIER_SUPER_SELECT_A2		($0.40)	50123	59159	Null
LMM_PP_POST	TIER_SUPER_SELECT_B1	AND	($0.41)	48365	31555	Null
LMM_PP_POST	TIER_SUPER_SELECT_B2		($0.41)	48365	31555	Null
LMM_PP_POST	TIER_SUPER_TIER_2_A1	AND	($0.46)	32866	19191	Null
LMM_PP_POST	TIER_SUPER_TIER_2_A2		($0.46)	30478930	896558	Null
LMM_PP_POST	TIER_SUPER_TIER_2_B1	AND	($0.46)	525851	812789	Null
LMM_PP_POST	TIER_SUPER_TIER_2_B2		($0.46)	295791	19191	Null
LMM_PP_SPY_POST	BASE_RATE		($0.32)	82164	19191	Null
LMM_PP_SPY_POST	TIER_SELECT		($0.36)	180761	19191	Null
LMM_PP_SPY_POST	TIER_SUPER_A	OR	($0.43)	525851	2168174	Null

Program Name	Tier Name	Condition	Tier Rate	Threshold	Client Volume	Total TCADV
LMM_PP_SPY_POST	TIER_SUPER_B1	AND	($0.43)	49299	19191	Null
LMM_PP_SPY_POST	TIER_SUPER_B2		($0.43)	32866	19191	Null
LMM_PP_SPY_POST	TIER_SUPER_SELECT_A1	AND	($0.40)	50123	59159	Null
LMM_PP_SPY_POST	TIER_SUPER_SELECT_A2		($0.40)	50123	59159	Null
LMM_PP_SPY_POST	TIER_SUPER_SELECT_B1	AND	($0.41)	48365	31555	Null
LMM_PP_SPY_POST	TIER_SUPER_SELECT_B2		($0.41)	48365	31555	Null
LMM_PP_SPY_POST	TIER_SUPER_TIER_2_A1	AND	($0.46)	30478930	896558	Null
LMM_PP_SPY_POST	TIER_SUPER_TIER_2_A2		($0.46)	32866	19191	Null
LMM_PP_SPY_POST	TIER_SUPER_TIER_2_B1	AND	($0.46)	295791	19191	Null
LMM_PP_SPY_POST	TIER_SUPER_TIER_2_B2		($0.46)	295791	19191	Null
LMM_PP_SPY_INCENTIVE	TIER_1		($0.40)	49299	31	Null
LMM_PP_SPY_INCENTIVE	TIER_2		($0.49)	65731	31	Null
MM_NPP_NC_POST_DISC	BASE_RATE		$(0.05)	0	3806	Null
MM_NPP_NC_POST_DISC	TIER_1		($0.32)	16433	3806	Null
MM_NPP_NC_POST_DISC	TIER_2		($0.52)	32866	3806	Null
MM_NPP_NC_POST_DISC	TIER_3	OR	($0.62)	49299	3806	Null
MM_NPP_NC_POST_DISC	TIER_3A	AND	($0.62)	49299	101	Null
MM_NPP_NC_POST_DISC	TIER_3B		($0.62)	32866	1009811	Null
MM_NPP_NC_POST_DISC	TIER_4		($0.82)	82164	3806	Null
LMM_NPP_NC_POST_DISC	BASE_RATE		$(0.40)	0	2000	Null
LMM_NPP_NC_POST_DISC	TIER_1		($0.40)	0	2000	Null
LMM_NPP_NC_POST_DISC	TIER_2		($0.52)	32866	3806	Null
LMM_NPP_NC_POST_DISC	TIER_3	OR	($0.62)	49299	3806	Null
LMM_NPP_NC_POST_DISC	TIER_3A	AND	($0.62)	49299	101	Null
LMM_NPP_NC_POST_DISC	TIER_3B		($0.62)	32866	1009811	Null
LMM_NPP_NC_POST_DISC	TIER_4		($0.82)	82164	3806	Null
MM_PP_POST_SUMMARY	Null	Null	($0.28)	Null	Null	32865678
MM_PP_SPY_POST_SUMMARY	Null	Null	($0.28)	Null	Null	32865678
LMM_PP_POST_SUMMARY	Null	Null	($0.36)	Null	Null	32865678
LMM_PP_SPY_POST_SUMMARY	Null	Null	($0.43)	Null	Null	32865678
PP_DISCOUNT_TAKE_FEE_SUMMARY	Null	Null	($0.02) / ($0.03)	Null	Null	32865678
PP_DISCOUNT_TAKE_EXT_SUMMARY	Null	Null	($0.02)	Null	Null	32865678
PP_DISCOUNT_TAKE_INT_SUMMARY	Null	Null	($0.03)	Null	Null	32865678
NONPP_DISCOUNT_TAKE_FEE_SUMMARY	Null	Null	($0.02)	Null	Null	32865678
MM_NPP_NC_POST_DISC_SUMMARY	Null	Null	($0.62)	Null	Null	32865678
LMM_NPP_NC_POST_DISC_SUMMARY	Null	Null	($0.40)	Null	Null	32865678

Appendix B: Available Options Output Summary

#	Output	Available Markets	Available Subscriptions	Contents
1	NYSE Options Execution Report Output	NYSE Arca Options NYSE American Options	Outputs will be made available for one or more MPID's for Entering Firms, one or more clearing numbers for Clearing Firms, by Broker Firm MPID or by MMID for Market Making Firms.	This execution report output summarizes all report allocations, including reversals and corrections, executed at the NYSE or at an away market. Any corrected trades performed on a T+N basis will be included for the trading day in which the correction occurred.
2	NYSE Options GTC Order Report Output	NYSE Arca Options NYSE American Options	Outputs will be made available for one or more MPID's for Entering Firms only.	This order output includes all GTC orders at the end of the day that will carry over to the next day trading. This file will not include GTC orders expiring on account of Series expiration at the end of the trading day. Note: This file is produced before the nightly corporate action process and therefore may include GTC orders that are set to be canceled overnight on account of a corporate action.
3	NYSE Options Risk Report Output	NYSE Arca Options NYSE American Options	Outputs will be made available for one or more MPID's for Entering Firms, one or more clearing numbers for Clearing Firms, or by MMID for Market Making Firms.	This output includes information on risk controls including firm defined pre-set risk thresholds, breaches and any associated actions taken to resolve such as blocking of new orders, or order cancelations.
4	NYSE Options Gateway Metric Report	NYSE Arca Options NYSE American Options	Outputs will be made available for Entering Firms at Firm CRD level only.	This output summarizes daily Options Gateway performance at end of day.
5	NYSE Options Unified Market Maker Report	NYSE Arca Options NYSE American Options	Outputs will be made available for either a single MMID or Market Maker Firm CRD level.	This output provides Market Makers with a daily, month to date or quarterly view (NYSE American Options only) of Market Maker performance. As part of this output, Market Makers may also subscribe to a daily list of all active symbols currently subscribed to as a Market Maker.

#	Output	Available Markets	Available Subscriptions	Contents
6	ARCA Options Customer Posting Tier Report	NYSE Arca Options	Outputs will be made available for Entering Firms at Firm CRD level only.	This output provides a daily summary of month to date customer volumes in order for a Firm to track/measure how they are performing in order to meet the customer billing tiering programs.
7	ARCA Options Market Maker Posting Tier Report	NYSE Arca Options	Outputs will be made available for Market Maker level at Firm CRD level only.	This output provides a daily summary of month-to-date Market Maker eligible volumes against Market Maker thresholds for achieving monthly tiers for posting credits and take discounts. This report also includes Customer Discount Take Fee programs.
8	ARCA Options Customer CAP Report	NYSE Arca Options	Outputs will be made available for Entering Firms at Firm CRD level only.	This output is generated daily and provides customers with month to date information on how a Firm MPID is tracking towards their fee cap per month on combined Firm Proprietary Fees and Broker Dealer Fees.
9	NYSE Options Firm Executive Volume Summary Report	NYSE Arca Options NYSE American Options	Outputs will be made available for at Firm CRD level only.	This output is produced monthly, on the first business day of the month, and provides a volume summary over a rolling 13-month time window. Customers have 3 different summary reports that can be subscribed to with varying levels of summary data.
10	NYSE Options Market Maker Rank Report	NYSE Arca Options NYSE American Options	Outputs will be made available for at MM Firm CRD level only.	This output is generated daily and provides month to date (ARCA) or quarter to date (AMEX) information and allows MM Firm to evaluate their performance against their peers by Symbol daily.
11	AMEX Options Customer Posting Tier Report	NYSE American Options	Outputs will be made available for Firms at Firm CRD level only.	This output provides a daily summary of month to date customer volumes in order for a Firm to track/measure how they are performing in order to meet the customer billing tiering programs.
12	AMEX Options Market Maker Posting Tier Report (Sliding Scale)	NYSE American Options	Outputs will be made available for Market Maker level at Firm CRD level only.	This output provides a daily summary of month-to-date Market Maker eligible volumes against Market Maker thresholds for achieving monthly tiers Sliding Scale program.
13	AMEX Options Customer CAP Report	NYSE American Options	Outputs will be made available for Firms at Firm CRD level only.	This output is generated daily and provides customers with month to date information on how a Firm MPID is tracking towards their fee cap per month on combined Firm Proprietary Fees and Broker Dealer Fees.

#	Output	Available Markets	Available Subscriptions	Contents
14	NYSE American Options MTD CUBE Volume Summary Report	NYSE American Options	Outputs will be made available for any firm and provides exchange wide stats.	This output is generated daily and provides daily and month to date exchange wide CUBE order stats and volumes at the Underlying Symbol level.
15	NYSE Options Electronic and Outcry Volume Report	NYSE Arca Options NYSE American Options	Outputs will be made available for any firm and provides exchange wide stats.	This output is generated daily and provides daily and month to date exchange wide electronic and outcry trade stats and volumes at the Underlying Symbol level.
16	NYSE Options Complex Volume Summary Report	NYSE Arca Options NYSE American Options	Outputs will be made available for any firm and provides exchange wide stats.	This output is generated daily and provides daily exchange wide Complex volumes, Orders and Series stats at the Underlying Symbol level.
17	NYSE Start of day Session Config Output.	All Equities & Options Markets	Available at CRD level only.	Contains Start of day session level preferences/defaults configured by the customers for their sessions.

Appendix C: Document Version History

Date	Version Number	Change Summary
12/3/2024	2.3	Revised Market Maker Penny Posting and Market Maker SPY Posting Credit Tiers in support of November Fee Schedule. New Tiers will be applicable to the following Billing programs: ▪ MM_PP_POST ▪ MM_PP_SPY_POST ▪ LMM_PP_POST ▪ LMM_PP_SPY_POST Added Tiers include: ▪ TIER_SUPER_SELECT_A1 ▪ TIER_SUPER_SELECT_A2 ▪ TIER_SUPER_SELECT_B1 ▪ TIER_SUPER_SELECT_B2 Eliminated the MM_PP_SPY_POST_KICKER 'Additional Credit' of ($0.03) per contract on electronic executions.
7/1/2024	2.2	Added MM_NPP_NC_POST_DISC and LMM_NPP_NC_POST_DISC programs.
3/13/2023	2.1	Remove Penny and Non-Penny Market Maker Incentive programs effective with March 2023 Fee Schedule. 1. MM_PP_POST_INCENTIVE 2. MM_NONPP_POST_INCENTIVE

Date	Version Number	Change Summary
		3. LMM_PP_POST_INCENTIVE
		4. LMM_NONPP_POST_INCENTIVE
		5. MM_NONPP_POST_INCENTIVE_SUMMARY
		6. LMM_NONPP_POST_INCENTIVE_SUMMARY
2/24/2023	2.0	Support two additional Discount Take Fee Programs/Summary Programs: • PP_DISCOUNT_TAKE_EXT • PP_DISCOUNT_TAKE_INT • PP_DISCOUNT_TAKE_EXT_SUMMARY • PP_DISCOUNT_TAKE_INT_SUMMARY
6/13/2022	1.2	Updated File Naming convention. Clarified that Tier Rate will only display out to 2 decimals. Clarified that all other volume calculations will be rounded to nearest Integer.
2/22/2022	1.1	Support additional LMM detail program categorizations: • LMM_PP_POST • LMM_PP_SPY_POST • LMM_PP_POST_INCENTIVE • LMM_PP_SPY_INCENTIVE • LMM_NONPP_POST_INCENTIVE Support additional LMM summary program categorizations: • LMM_PP_POST_SUMMARY • LMM_PP_SPY_POST_SUMMARY • LMM_NONPP_POST_INCENTIVE_SUMMARY
12/7/2021	1.0	Initial publication