



CFE Fee Schedule^{1,2}
Effective September 1, 2020

1.a. Transaction Fees in Cboe Volatility Index (Standard) (VX) Futures and Weekly (Non-Standard) Cboe Volatility Index (VX) Futures³:

A. CFE TPH Permit Holder⁴ Per Contract Side
\$1.10

(This rate may be reduced by rebates based upon a TPH's Percentage of VX TPH Volume and Average Daily VX TPH Volume as specified below)⁵

<u>Tier</u>	<u>Percentage of VX TPH Volume for Applicable Month</u>	<u>Rebate Per Contract Side</u>
1	≥ 0.25%	\$0.08 Rebate
2	≥ 0.50%	\$0.13 Rebate
3	≥ 1.00%	\$0.22 Rebate
4	≥ 2.00%	\$0.29 Rebate
5	≥ 5.00%	\$0.33 Rebate
6	≥ 10.00%	\$0.37 Rebate
7	≥ 20.00%	\$0.42 Rebate

<u>Tier</u>	<u>Average Daily VX TPH Volume for Applicable Month</u>	<u>Rebate Per Contract Side</u>
1	≥ 500	\$0.03 Rebate
2	≥ 1,000	\$0.06 Rebate
3	≥ 2,000	\$0.09 Rebate
4	≥ 5,000	\$0.12 Rebate
5	≥ 10,000	\$0.14 Rebate
6	≥ 25,000	\$0.16 Rebate
7	≥ 50,000	\$0.18 Rebate
8	≥ 100,000	\$0.20 Rebate

B. Customer⁶ Per Contract Side
\$1.47

C. Block Trade⁷ \$1.00

(Fee is in addition to other applicable transaction fees)

D. CFE Regulatory Fee \$0.04

1.b. Transaction Fees in Mini Cboe Volatility Index (VXM) Futures:

A. CFE TPH Permit Holder⁴ Per Contract Side
\$0.07

B. Customer⁶ \$0.20

C. Block Trade \$0.95

(Fee is in addition to other applicable transaction fees)

D. CFE Regulatory Fee⁸ \$0.005

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1.c.	<u>Transaction Fees in S&P 500 Variance (VA) Futures:</u>	
	• <u>Standard Transactions</u>	<u>By contract side per 1,000 Vega Notional</u>
	A. CFE TPH Permit Holder ⁴	\$4.00
	B. Customer ⁶	\$8.00
	C. Block Trade	\$1.00
	(Fee is in addition to other applicable transaction fees. Block Trades are not permitted in stub positions in S&P 500 Variance Futures)	
	D. CFE Regulatory Fee	\$0.04
	• <u>Stub Transactions</u>	
	E. CFE TPH Permit Holders ⁴ and Customers ⁶	\$0.25 per variance unit, capped at a maximum of \$8.00 per stub transaction
	F. CFE Regulatory Fee	\$0.04 per stub transaction
1.d.	<u>Transaction Fees in Cboe[®] iBoxx[®] iShares[®] Bond (CB) Index Futures*:</u>	<u>Per Contract Side</u>
	A. CFE TPH Permit Holder ⁴	\$0.30
	B. Customer ⁶	\$1.00
	C. Block Trade	\$1.00
	(Fee is in addition to other applicable transaction fees)	
	D. CFE Regulatory Fee	\$0.04
	*iBoxx [®] is a service mark IHS Markit Limited. iShares [®] is a registered trademark of BlackRock Fund Advisors and its affiliates.	
1.e.	<u>Transaction Fees in AMERIBOR[®] Futures*:</u>	<u>Per Contract Side</u>
	A. CFE TPH Permit Holder ⁴	\$1.40
	B. Customer ⁶	\$1.40
	C. Block Trade	\$1.35
	(Fee is in addition to other applicable transaction fees)	
	*AMERIBOR [®] is a registered trademark of Environmental Financial Products, LLC.	

CFE assesses the Transaction Fees set forth above to the Clearing Member associated with the EFID for the execution that is identified on the trade record for the applicable transaction, regardless of whether the trade is given up to another Clearing Member for clearing and regardless of whether a different Clearing Member has been identified as the designated Clearing Member under the Integrated Billing System by the CFE TPH that executed the trade.

2.	<u>Trading Permit Fees:</u> ⁹	<u>Amount</u> ¹⁰
	A. Clearing Firm	\$100/month
	B. Proprietary Trading/Pool Manager/ Pooled Investment Vehicle	\$1,000/month
	C. Broker	\$700/month
3.	<u>Applications Fees:</u>	<u>Amount</u>
	A. Individual ¹¹	\$500
	B. Organization ¹¹	\$1,000
	C. Investigation Fee ¹²	\$135/Investigation

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4.	<u>Direct Data Access Fee:</u> ^{13, 14} CFE Data	<u>Amount</u> \$2,000/Direct Source/month
5.	<u>Market Data Distribution Fees:</u> A. Internal Distribution ¹⁵ B. External Distribution (includes Bulk Data, TV Display, News Service, and other external distribution) ¹⁶ C. External Distribution – TV Display Only ¹⁷	<u>Amount</u> \$175/month \$300/month \$100/month
6.	<u>Bulk Data Feed Distribution Fees:</u> ¹⁸ A. Per Subscriber B. Unlimited Subscribers	<u>Amount</u> \$50/Data Feed/Distributor/month \$15,000/Unlimited Data Feeds/month
7.	<u>Device/Authorized User Fees:</u> ^{19, 20} A. CFE Top ²¹ 1. Professional User/Device 2. Non-Professional User/Device B. CFE Depth (PITCH) ²² 1. Professional User/Device 2. Non-Professional User/Device C. Non-Professional User/Device Enterprise ²³ D. TV Display Feed ²⁴ E. News Service Data ²⁵ F. Service Facilitator Recipient ²⁶	<u>Amount</u> \$ 8.00/Device/Authorized User/month \$ 1.50/Device/Authorized User/month \$16.00/Device/Authorized User/month \$ 3.00/Device/Authorized User/month \$5,000/month \$300/Broadcast Feed/month \$100/month \$175/month
8.	<u>Physical Port Fees:</u> ²⁷ A. 1 Gb Network Access Port B. 10 Gb Network Access Port	<u>Amount</u> \$1,500/Physical Port/month \$2,500/Physical Port/month
9.	<u>Disaster Recovery Physical Port Fees:</u> ²⁸ A. 1 Gb Network Access Port B. 10 Gb Network Access Port	<u>Amount</u> \$2,000/Physical Port/month \$6,000/Physical Port/month
10.	<u>Match Capacity Fees:</u> ²⁹ A. Order Match Capacity Allocations 1. First Allocation 2. Allocations 2-4 3. Allocations 5-25 4. Allocations 26 and above B. Quoting Match Capacity Allocations 1. First Allocation 2. Allocations 2-4 3. Allocations 5 and above	<u>Amount</u> \$550/Allocation/month \$900/Allocation/month \$1,200/Allocation/month \$100/Allocation/month \$1,100/Allocation/month \$1,800/Allocation/month \$2,000/Allocation/month
11.	<u>Logical Port Fees</u> A. Execution Drop Port B. Order Drop Port C. Purge Port D. Spin Server Port	<u>Amount</u> \$400/Port/month \$600/Port/month \$600/Port/month \$0/Port/month

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E. Gap Request (GRP) Port	\$0/Port/month
12. <u>Co-Location Fee:</u> Co-location of Equipment Fee (per “U” – 1.75 inches) (400 S. LaSalle St.) ³⁰	<u>Amount</u> \$50/per “U”/month
13. <u>Other Market Data Services:</u> ³¹	<u>Amount</u>
A. C Level Reports ³²	\$0.00 to develop and/or generate \$0.00 for daily, weekly, or monthly subscription
B. B Level Reports ^{33, 34}	\$0.00 to develop and/or generate \$100/month for monthly subscription and \$200/month for daily or weekly subscription
C. A Level Reports ^{34, 35}	\$100 for first 5 man-hours and \$100/hour for each additional man-hour to develop and/or generate \$100/month for monthly subscription and \$200/month for daily or weekly subscription
14. <u>Integrated Billing System:</u>	
Every Trading Privilege Holder must designate a Clearing Member for the payment by means of the integrated billing system (“IBS”) of the Trading Privilege Holder’s Exchange fees designated by the Exchange (other than for Transaction Fees) and vendor fees for Exchange-related services designated by the Exchange. The designated Clearing Member shall pay to the Exchange on a timely basis any amount that is not disputed pursuant to IBS procedures by the Trading Privilege Holder that is directly involved. Such payments shall be collected by the Exchange against the designated Clearing Member’s account at the Clearing Corporation. Exchange Transaction Fees are also assessed pursuant to the IBS to the Clearing Member for the execution that is identified on the trade record for the applicable transaction. The Clearing Corporation shall have no liability in connection with forwarding to the Exchange payments drafted pursuant to the IBS.	

¹ CFE fees are invoiced at the beginning of each month for the previous month of service.

² Any potential billing errors relating to fees assessed by CFE must be brought to the attention of CFE’s Accounting Department within 90 days from the invoice date. All fees assessed shall be deemed final and non-refundable after 90 days from the invoice date if notice of a potential billing error is not provided within that time frame. Notwithstanding the foregoing, the Exchange will not provide any refund with respect to transaction fees that are billed at a higher rate because an incorrect Customer Type Indicator (“CTI”) code was included in an order or transaction report submission. The Exchange is not precluded from assessing fees more than 90 days after they were incurred if those fees were required to be paid pursuant to the CFE Fee Schedule in effect at the time the fees were incurred. If transaction fees are billed at a lower rate because of an incorrect CTI code that was included in an order or transaction report submission and the Exchange later assesses additional fees for those transactions based on the correct CTI code, the additional fee assessment shall be determined in the following manner. The additional fee assessment for those transactions will be equal to the number of executed contracts that were assessed at an incorrect rate multiplied by the difference between the highest potential customer rate and the highest potential TPH rate for the relevant product under the CFE Fee Schedule during the time period in which the executions occurred. This calculation will not be adjusted for any potential or previous rebate payments and no adjustments will be made to any rebate payments to the applicable party or to other parties because of the use of an incorrect CTI code. This calculation will also not be adjusted for any maker, taker, or market turner designations for executions.

³ The fees and rebate schedules in Section 1.a. are applicable to VX futures contracts with a VX or VXT ticker symbol (“Standard VX Futures”) and to Weekly (Non-Standard) VX futures contracts with a VX or VXT ticker symbol followed by a number denoting the specific week of the calendar year in which the contract expires (“Weekly VX Futures”).

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⁴ CFE TPH Permit Holder transaction fee rates are applied to the execution of orders, Block Trades, and Exchange of Contract for Related position transactions for which the applicable CTI code is CTI Code 1, CTI Code 2, or CTI Code 3.

⁵ Transaction fees for Trading Privilege Holder (“TPH”) transactions in VX futures that qualify as VX TPH Volume are subject to two rebate schedules. For this purpose, VX TPH Volume includes all TPH transaction volume in VX futures for which the applicable CTI code is 1, 2, or 3, including Trade at Settlement (“TAS”) transactions in VX futures with one of those CTI codes and Block Trades and Exchange of Contract for Related Position transactions in VX futures with one of those CTI codes. VX TPH Volume includes TPH transaction volume both in Standard VX Futures and in Weekly VX Futures. There are two potential types of rebates for VX TPH Volume. A TPH may receive both rebates, one of the two rebates, or neither of the two rebates for a particular calendar month depending on whether the TPH qualifies for neither, one, or both of the rebates for that calendar month. A TPH may qualify for the first rebate based upon VX TPH Volume of the TPH during the applicable calendar month as a percentage of the total VX TPH Volume of all TPHs during the applicable calendar month. A TPH may qualify for the second rebate based upon the average daily VX TPH Volume of the TPH during the applicable calendar month. The amount of each rebate is based upon the tier level of the VX TPH Volume and the tier level of the average daily VX TPH Volume of the TPH for the applicable calendar month. Only the highest tier level within each rebate schedule for which a TPH qualifies for the applicable calendar month is applied for that calendar month. If a TPH qualifies for one or both types of rebates for a calendar month, the amount of the TPH’s VX TPH Volume during the calendar month is multiplied by the sum of any applicable rebate(s) from the two rebate schedules to arrive at a total TPH VX transaction fee rebate amount for the calendar month for that TPH. For purposes of qualification for the two rebate schedules, a TPH’s VX TPH Volume solely includes trading volume resulting from transactions executed by that TPH using an EFID assigned to that TPH.

Affiliated TPHs that have at least 75% of their direct or indirect ownership in common are eligible to have their VX TPH Volume aggregated for purposes of satisfaction by each of the TPHs of the tier levels under the two rebate schedules applicable to VX TPH Volume. TPHs must request this aggregation in a form and manner prescribed by the Exchange. The aggregation shall be applied starting with the calendar month following the month in which the Exchange determines that the TPHs qualify for the aggregation. The aggregation shall apply solely with respect to VX TPH Volume resulting from transactions executed by the affiliated TPHs using their own EFIDs.

⁶ Customer transaction fee rates are applied to the execution of orders, Block Trades, and Exchange of Contract for Related position transactions for which the applicable CTI code is CTI Code 4.

⁷ Block Trade fees for Trade at Settlement (“TAS”) transactions in VX futures executed as Block Trades are capped at \$500.00 per trading day for each TPH.

⁸ The CFE Regulatory Fee for VXM futures is applied by multiplying the total number of VXM futures contracts traded during a calendar month through each EFID by \$0.005 to arrive at the total CFE Regulatory Fees for VXM futures assessed for the calendar month for that EFID. If this total includes a fractional cent, the total is rounded up to the next cent.

⁹ A TPH shall be entitled to obtain a single Trading Permit. A Pool Manager may obtain a single Trading Permit for the Pool Manager and all of the Pools approved under Rule 305A for which it acts as Pool Manager. If there is more than one Pool Manager for a Pool or Pools, the Pool Managers for the Pool(s) may obtain a single Trading Permit for the Pool Managers and all of the Pools approved under Rule 305A for which they act as Pool Manager. The monthly fee for a Trading Permit is based on the capacity or capacities of the TPH on CFE. There are three categories of capacities specified in the CFE Fee Schedule. If a TPH has capacities in multiple categories, the TPH is assessed the monthly Trading Permit fee for each category. If a TPH has capacities in the same category, the monthly Trading Permit fee for that category covers all capacities in that category and the TPH is not assessed an additional monthly Trading Permit fee for that category. The following capacities have the following meanings solely for the purpose of assessment of Trading Permit fees:

Clearing Firm: A Trading Privilege Holder has a Clearing Firm capacity if the Trading Privilege Holder (i) is a member of the Clearing Corporation that is authorized under the rules of the Clearing Corporation to clear trades in Contracts traded on the Exchange and (ii) guarantees and/or clears transactions on the Exchange executed by the Trading Privilege Holder itself and/or one or more other Trading Privilege Holder(s). If a Clearing Member executes transactions on the Exchange as agent for one or more other Person(s), the Clearing Member shall also be deemed to

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have a Broker capacity. If a Clearing Member executes transactions on the Exchange for its own account, the Clearing Member shall also be deemed to have a Proprietary Trading capacity.

Broker: A Trading Privilege Holder has a Broker capacity if the Trading Privilege Holder executes transactions on the Exchange as agent for one or more other Person(s). If a Trading Privilege Holder with a Broker capacity executes transactions on the Exchange for the Trading Privilege Holder's own account, the Trading Privilege Holder shall also be deemed to have a Proprietary Trading capacity. If a Trading Privilege Holder has a Proprietary Trading capacity and the only other Person(s) for which the Trading Privilege Holder executes transactions on the Exchange as agent are affiliates of the Trading Privilege Holder, the Trading Privilege Holder shall not be deemed to have a Broker capacity for this purpose.

Proprietary Trading: A Trading Privilege Holder has a Proprietary Trading capacity if the Trading Privilege Holder executes transactions on the Exchange for the Trading Privilege Holder's own account.

Pool Manager/Pooled Investment Vehicle ("Pool"): These capacities have the meanings set forth in Rule 305A.

The applicable Trading Permit fee(s) shall be assessed for a calendar month unless a TPH provides notice of the termination of a TPH capacity for the purpose of assessment of Trading Permit fees, or of the termination of a Trading Permit, in a form and manner prescribed by the Exchange by no later than 4:00 p.m. Chicago time on the second-to-last business day of the prior calendar month.

¹⁰ A monthly or quarterly fee under the CFE Fee Schedule will be prorated for the initial month or quarter in which it is applicable, with the exception of Device/Authorized User fees which are not prorated for any month in which they are applicable. A monthly or quarterly fee under the CFE Fee Schedule is not prorated for the final month or quarter in which it is applicable (unless that final month or quarter is the same as the initial month or quarter in which the fee is applicable).

¹¹ A Trading Permit Holder application fee is not applicable if a former Trading Privilege Holder applies for reinstatement as a Trading Privilege Holder within 30 days of termination as a Trading Privilege Holder.

¹² This fee is assessed for each investigation that is conducted of any Trading Privilege Holder applicant; any executive officer, authorized signatory, or administrator of an applicant; and any executive officer, authorized signatory, or administrator added by an existing Trading Privilege Holder.

¹³ CFE market data is made available through Cboe Data Services, LLC ("CDS") subject to any applicable agreement and the [U.S. Market Data Policies](#).

¹⁴ This fee is payable by all Trading Privilege Holders and other parties that receive CFE data through a direct connection to CFE or through a connection to CFE provided by an approved extranet service provider. This fee is not payable by a party acting solely as an approved extranet service provider. This fee is charged for each direct data feed source. A direct data feed source can be either CFE physical ports or an approved extranet service provider. For example, if a party receives CFE market data directly over four physical ports where CFE is the source and separately from two physical ports provided by an approved extranet service provider, this fee is assessed twice for the applicable month for those two sources.

¹⁵ This fee is payable by a recipient that is not a Trading Privilege Holder and that receives a real-time CFE market data feed directly from CFE, through an approved extranet service provider, or through a Distributor for the recipient's own internal use and the internal use of its affiliates. This fee is waived for any recipient that has its principal place of business in a country in the Asia-Pacific Region as designated by CFE.

¹⁶ This fee is payable by all Distributors whether they receive a CFE market data feed directly from CFE or from another CFE Distributor. This fee covers redistribution of real-time or delayed market data by a Distributor and its affiliates that are authorized under a single CDS market data agreement. This fee also covers any internal use that is covered by the Internal Distribution fee, and Distributors that pay the External Distribution fee are not required to pay the Internal Distribution fee for that internal use. (The term "Distributor" does not include an Independent Software Vendor that distributes CFE market data only to Trading Privilege Holders that have been identified by the Independent Software Vendor to CFE as receiving

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CFE market data from that Independent Software Vendor (a “Non-Distributor ISV”) or an approved extranet service provider.)

This fee is waived through for any Distributor that has its principal place of business in a country in the Asia-Pacific Region as designated by CFE.

Distributors in the CFE Market Data Fee Waiver Program for Retail Brokers are eligible to receive a 6 month waiver of this fee in accordance with the following provisions of the Program. A Distributor must satisfy the following requirements in order to participate in the Program: (i) the Distributor provides retail brokerage services; (ii) the Distributor signs up for the Program in a form and manner prescribed by CFE; (iii) the Distributor has not received CFE market data at any time prior to when the Distributor signs up for the Program; and (iv) the Distributor directly signs a market data agreement with CDS. This fee is waived for the first 6 months after a Distributor in the Program begins to receive a CFE market data feed directly from CFE or from another CFE Distributor. If a Distributor in the Program first begins to receive a CFE market data feed directly from CFE or from another CFE Distributor during a month at some point after the beginning of the month, that partial month is counted as the first month of the 6 month waiver period. Any Distributor in the Program is obligated to pay this fee at then current rates for the 12 months following the 6 month waiver period (regardless of whether or not the Distributor ceases to receive a CFE market data feed directly from CFE or from another CFE Distributor prior to or during the 12 months following the 6 month waiver period). Following this 18 month period, the Distributor is obligated to pay this fee if the Distributor would otherwise be required to pay this fee in the absence of the Program.

¹⁷ This fee is payable by a recipient that directly or indirectly receives from CFE a real-time or delayed CFE market data feed for display by television broadcast. The External Distribution – TV Display Only Fee is waived for parties that pay an Internal Distribution Fee or External Distribution Fee for the same time period.

¹⁸ A Distributor or other party that provides production or disaster recovery bulk data feeds is responsible for reporting and paying the Bulk Data Feed Distribution fees to CFE. The Per Subscriber rate applies unless the Distributor has elected to pay the Unlimited Subscriber rate. A bulk data feed is a stream of current data transmitted to a third party’s computer system where the third party controls access or entitlement. Bulk Data Feed Distribution fees are in addition to Device/Authorized User Fees and other fees applicable to Distributor-controlled data distribution.

¹⁹ These fees are payable by each Distributor (whether receiving CFE market data directly from CFE or from another CFE Distributor) and each other Person receiving CFE market data directly from CFE, except that these fees are not payable by Non-Distributor ISVs and approved extranet service providers. These fees are based either on the number of Devices or the number of Authorized Users to which the recipient externally and/or internally distributes CFE market data, except that the Non-Professional User/Device Enterprise rate allows for distribution to an unlimited number of Non-Professional Users as further described in note 23. Distributors that externally or internally distribute only delayed data are not obligated to pay these fees, and other Persons that internally distribute only delayed data are not obligated to pay these fees. These fees are not assessed for particular data uses as may be designated by CFE.

²⁰ Device/Authorized User fees are waived for CFE Top and CFE Depth (PITCH) data that is distributed to any Person (including any Distributor) that has its principal place of business in the Asia-Pacific Region as designated by CFE. For Devices/Authorized Users to be eligible for this fee waiver, the Distributor or other Person that would otherwise be required to pay fees with respect to the Devices/Authorized Users must include them in its regular reporting to CFE, identify them as eligible for the waiver, and provide other information sufficient to enable CFE to verify that they are eligible for the waiver.

Non-Professional User/Device fees are waived for Distributors in the CFE Market Data Fee Waiver Program for Retail Brokers (as described in note 16) for the first 6 months after a Distributor in the Program begins to receive a CFE market data feed directly from CFE or from another CFE Distributor. If a Distributor in the Program first begins to receive a CFE market data feed directly from CFE or from another CFE Distributor during a month at some point after the beginning of the month, that partial month is counted as the first month of the 6 month waiver period. Any Distributor in the Program is obligated to pay Non-Professional User/Device fees at the then current Non-Professional User/Device Enterprise monthly fee rate for the 12 months following the 6 month waiver period (regardless of whether or not the Distributor ceases to receive a CFE market data feed directly from CFE or from another CFE Distributor prior to or during the 12 months following the 6 month waiver period and regardless of the number, if any, of Devices or Authorized Users to which the

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Distributor externally and/or internally distributes CFE market data during the 12 months following the 6 month waiver period). Following this 18 month period, the Distributor is obligated to pay Non-Professional User/Device fees if and to the extent that the Distributor would otherwise be required to pay these fees in the absence of the Program.

²¹ CFE Top includes top of book quotations, last sale execution information, and other CFE market data in a form and manner made available by CFE.

²² CFE Depth (PITCH) includes depth of book quotations, last sale execution information, and other CFE market data in a form and manner made available by CFE.

²³ If a Distributor elects in a form and manner prescribed by CFE to be subject to the Non-Professional User/Device Enterprise rate, the Non-Professional User/Device Enterprise rate will be applicable for an unlimited number of Non-Professional Users instead of the Non-Professional User Device/Authorized User rates.

²⁴ A broadcast feed is news programming that is produced for television viewing. The same or substantially the same broadcast feed (i.e., the same or substantially similar programming content) is considered to be a single broadcast feed (for purposes of calculating fees) regardless of whether it is distributed via multiple technologies (cable, satellite, on-air, etc.) or made available on multiple television channels. For example, a national news program that is displayed daily on a number of on-air, satellite, or cable channels is a single broadcast feed; a news program that is separately produced and does not incorporate substantial portions of the national news program is a separate broadcast feed.

²⁵ The News Service Data fee is payable by a news media company for the company and its affiliates to receive real-time market data designated by CFE, and on a display-only basis, to display it on one or more websites and transmit it to authorized devices of subscribers.

²⁶ The Service Facilitator Recipient fee is payable by a Distributor with respect to each of its Service Facilitators. The Service Facilitator fee does not apply to a third-party service company that pays a CFE Market Data Distribution fee under Section 5A, 5B, or 5C of this Fee Schedule.

²⁷ A physical port may be either a 1 gigabit per second port or a 10 gigabit per second port. Any party that directly connects to CFE is required to have a redundant physical port. These physical ports may not be used to access other exchanges affiliated with CFE through the same physical port.

²⁸ The Disaster Recovery Physical Port fees are applicable to physical ports at CFE's disaster recovery site at 400 South LaSalle Street in Chicago and at the Cboe point of presence at 350 East Cermak Road in Chicago. These physical ports may be either a 1 gigabit per second port or a 10 gigabit per second port. These physical ports may be used to access CFE's disaster recovery systems and the disaster recovery systems of the other exchanges affiliated with CFE.

²⁹ Match capacity fees are assessed per allocation of match capacity for order match capacity allocations and for quoting match capacity allocations. A match capacity allocation operates as an Order rate limit in the manner described in Rule 513A(h). The tiered fee structure for match capacity fees is applied by TPH, except that each Pool Manager and each Pool is treated like a separate TPH for this purpose.

³⁰ The Co-Location Fee is applicable to co-location at 400 South LaSalle Street in Chicago and is charged in increments of 4 "U" (7 inches), which means that the minimum monthly Co-Location Fee is \$200.

³¹ See the DataShop website at <https://datashop.cboe.com> for information regarding historical CFE market data made available by Cboe LiveVol, LLC and associated fees. See the Cboe website at <https://cboe.com/index/licensing-data/licensing> for information regarding derived data licensing.

³² C Level Exchange Data Reports are standard reports regularly generated and run by the Exchange and made available on a daily, weekly, or monthly basis that do not require historical data generation, customization beyond a standard format (PDF, HTML, etc.) or distribution frequency (daily, weekly, monthly, etc.), or specialized development.

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³³ B Level Exchange Data Reports are initial report requests (or enhancements to existing subscriptions) that require less than one man-hour to develop and/or generate.

³⁴ Fees will be estimated in advance, and estimates will be provided to the requester. If the estimate changes once creation of the report begins, a revised estimate will be provided to the requester.

³⁵ A Level Exchange Data Reports are initial report requests (or enhancements to existing subscriptions) that require one or more man-hours to develop and/or generate.

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