



Ms. Melissa Jurgens
Secretary
Commodity Futures Trading Commission
Three Lafayatta Centre
1155 21st Steeet, N.B.
Washington, D.C. 20581

Re: Listing of Security Futures Products

Dear Ms. Jurgens

Pursuant to section 5c(c)(1) of the Commodity Exchange Act, as amended (the "Act"), and section 41.23 of the regulations promulgated by the Commission under the Act, submitted herewith are contract specifications for a new product or products, as appropriate, (the "New Product") that will be listed for trading on OneChicago, LLC ("OneChicago") effective, 08/19/15. The New Product will be subject to the Rules set forth in Chapter IX of the OneChicago rulebook, as supplemented by the specifications attached hereto as Appendix A.

On behalf of OneChicago, I herby certify that: (a) the security underlying the New Product satisfies the requirements of section 41.21 of the regulations promulgated by the Commission under the Act; (b) arrangements are in place with a clearing agency registered pursuant to section 17A of the Securities Exchange Act of 1934 (the "Exchange Act") for the payment and delivery of the security underlying the New Product; (c) only futures commission merchants, introducing brokers, commodity trading advisors, commodity pool operators or associated persons subject to suitability rules comparable to those of a national securities association registered pursuant to section 15A(a) of the Exchange Act and the rules and regulations thereunder, except to the extent otherwise permitted under the Exchange Act and the rules and regulations thereunder, may solicit, accept any order for, or otherwise deal in any transaction in or in connection with the New Product; (d) dual trading in the New Product is restricted in accordance with section 41.27 of the regulations promulgated by the Commission under the Act; (e) trading in the New Product is not readily susceptible to manipulation of the price of any New Product, nor to causing or being used in the manipulation of the price of any underlying security, option on such security, or option on a group or index including such security, consistent with the conditions for trading of section 41.25 of the regulations promulgated by the Commission under the Act; (f) procedures are in place for coordinated surveillance among OneChicago, any market on which the security underlying a New Product is traded and other markets on which any related security is traded to detect manipulation and insider trading; (g) an audit trail is in place to facilitate coordinated surveillance among OneChicago, any market on which the security underlying the New Product is traded, and any market on which any related security is traded; (h) procedures are in place to coordinate regulatory trading halts between OneChicago and markets on which the security underlying the New Product is traded and other markets on which any related security is traded; and (i) the margin requirements for the New Product will comply with the provisions specified in sections 41.43 through 41.49 of the regulations promulgated by the Commission under the Act.

On behalf of OneChicago, I hereby further certify that the New Product complies with the additional conditions for trading set forth in section 41.25 of the regulations promulgated by the Commission under the Act, and complies with the Act and the regulations thereunder.

/s/ Thomas McCabe Chief Operating Officer OneChicago, LLC

Supplement No. 4697 Single Stock Future: Aaron's Inc

Underlying Security:	Aaron's Inc ("AAN")
Futures Symbol:	AAN1D
OCX Code:	AAN1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price Legal Width
	share price < \$10 \$ .25
	\$10 ≤ share price ≤ \$50 \$ .50
	\$50 < share price \$1.00
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

#### Contract Specifications Supplement to

#### OneChicago Rule 905

Supplement No. 4698
Single Stock Future: American Campus Communities Inc

Underlying Security:	American Campus Communities Inc ("ACC")
Futures Symbol:	ACC1D
OCX Code:	ACC1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock PriceLegal Widthshare price < \$10
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4699
Single Stock Future: Acadia Healthcare Co Inc

Underlying Security:	Acadia Healthcare Co Inc ("ACHC")
Futures Symbol:	ACHC1D
OCX Code:	ACHC1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday
	terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract
	for non block and non EFP trades
	\$0.0001 per share, equal to \$.01 per contract
	for block and EFP trades
Legal Width Market:	Common Stock Price Legal Width
	share price < \$10 \$ .25
	\$10 ≤ share price ≤ \$50 \$ .50
	\$50 < share price \$1.00
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to
	time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4700 Single Stock Future: AECOM

Underlying Security:	AECOM ("ACM")
Futures Symbol:	ACM1D
OCX Code:	ACM1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price Legal Width
	share price < \$10 \$ .25
	\$10 ≤ share price ≤ \$50 \$ .50
	\$50 < share price \$1.00
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4701
Single Stock Future: American Financial Group Inc

Underlying Security:	American Financial Group Inc ("AFG")
Futures Symbol:	AFG1D
OCX Code:	AATN1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price         Legal Width           share price < \$10
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4702 Single Stock Future: Agios Pharmaceuticals Inc

Underlying Security:	Agios Pharmaceuticals Inc ("AGIO")
Futures Symbol:	AGIO1D
OCX Code:	AGIO1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday
	terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract
	for non block and non EFP trades
	\$0.0001 per share, equal to \$.01 per contract
	for block and EFP trades
	ior blook and Err tradoo
Legal Width Market:	Common Stock Price Legal Width
	share price < \$10 \$ .25
	\$10 ≤ share price ≤ \$50 \$ .50
	\$50 < share price \$1.00
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to
_	time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4703
Single Stock Future: Arthur J Gallagher & Co

Underlying Security:	Arthur J Gallagher & Co ("AJG")
Futures Symbol:	AJG1D
OCX Code:	AJG1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock PriceLegal Widthshare price < \$10
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4704 Single Stock Future: Air Lease Corp

Underlying Security:	Air Lease Corp ("AL")
Futures Symbol:	AL1D
OCX Code:	AL1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price         Legal Width           share price < \$10
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4705 Single Stock Future: Align Technology Inc

Underlying Security:	Align Technology Inc ("ALGN")
Futures Symbol:	ALGN1D
OCX Code:	AOKX1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price Legal Width
	share price < \$10 \$ .25
	\$10 ≤ share price ≤ \$50 \$ .50
	\$50 < share price \$1.00
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4706
Single Stock Future: AMC Networks Inc

Underlying Security:	AMC Networks Inc ("AMCX")
Futures Symbol:	AMCX1D
OCX Code:	AMCX1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price         Legal Width           share price < \$10
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4707 Single Stock Future: American Homes 4 Rent

Underlying Security:	American Homes 4 Rent ("AMH")
Futures Symbol:	AMH1D
OCX Code:	AMH1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price         Legal Width           share price < \$10
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4708
Single Stock Future: Arista Networks Inc

Underlying Security:	Arista Networks Inc ("ANET")
Futures Symbol:	ANET1D
OCX Code:	AHTL1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price Legal Width
	share price < \$10 \$ .25
	\$10 ≤ share price ≤ \$50 \$ .50
	\$50 < share price \$1.00
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4709 Single Stock Future: AO Smith Corp

Underlying Security:	AO Smith Corp ("AOS")
Futures Symbol:	AOS1D
OCX Code:	AOS1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price         Legal Width           share price < \$10
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

#### Contract Specifications Supplement to

#### OneChicago Rule 905

Supplement No. 4710
Single Stock Future: Artisan Partners Asset Management Inc

Underlying Security:	Artisan Partners Asset Management Inc ("APAM")
Futures Symbol:	APAM1D
OCX Code:	APAM1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock PriceLegal Widthshare price < \$10
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4711 Single Stock Future: Aramark

Underlying Security:	Aramark ("ARMK")
Futures Symbol:	ARMK1D
OCX Code:	ARMK1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price Legal Width
	share price < \$10 \$ .25
	\$10 ≤ share price ≤ \$50 \$ .50
	\$50 < share price \$1.00
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4712 Single Stock Future: ARRIS Group Inc

Underlying Security:	ARRIS Group Inc ("ARRS")
Futures Symbol:	ARRS1D
OCX Code:	ARRS1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price         Legal Width           share price < \$10
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4713
Single Stock Future: Associated Banc Corp

Underlying Security:	Associated Banc Corp ("ASB")
Futures Symbol:	ASB1D
OCX Code:	ASB1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock PriceLegal Widthshare price < \$10
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4714 Single Stock Future: Atmel Corp

Underlying Security:	Atmel Corp ("ATML")
Futures Symbol:	ATML1D
OCX Code:	ASAU1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday
	terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract
	for non block and non EFP trades
	\$0.0001 per share, equal to \$.01 per contract
	for block and EFP trades
Legal Width Market:	Common Stock Price Legal Width
	share price < \$10 \$ .25
	\$10 ≤ share price ≤ \$50 \$ .50
	\$50 < share price \$1.00
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to
	time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4715 Single Stock Future: Atmos Energy Corp

Underlying Security:	Atmos Energy Corp ("ATO")
Futures Symbol:	ATO1D
OCX Code:	ATO1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday
To a dia a 1 haife	terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract
	for non block and non EFP trades
	\$0.0001 per share, equal to \$.01 per contract
	for block and EFP trades
Legal Width Market:	Common Stock Price Legal Width
	share price < \$10 \$ .25
	\$10 ≤ share price ≤ \$50 \$ .50
	\$50 < share price \$1.00
	Ç Mas
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to
	time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

#### Oncomoago itale of

Supplement No. 4716
Single Stock Future: Allied World Assurance Co Holdings AG

Underlying Security:	Allied World Assurance Co Holdings AG ("AWH")
Futures Symbol:	AWH1D
OCX Code:	AMLB1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday
	terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract
	for non block and non EFP trades
	\$0.0001 per share, equal to \$.01 per contract
	for block and EFP trades
Legal Width Market:	Common Stock Price Legal Width
	share price < \$10 \$ .25
	\$10 ≤ share price ≤ \$50 \$ .50
	\$50 < share price \$1.00
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4717 Single Stock Future: Armstrong World Industries Inc

Underlying Security:	Armstrong World Industries Inc ("AWI")
Futures Symbol:	AWI1D
OCX Code:	AWI1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday
	terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract
	for non block and non EFP trades
	or horr production and horr and addo
	\$0.0001 per share, equal to \$.01 per contract
	for block and EFP trades
	ioi biook and El F tradoo
Legal Width Market:	Common Stock Price Legal Width
	share price < \$10 \$ .25
	\$10 ≤ share price ≤ \$50 \$ .50
	\$50 < share price \$1.00
	7
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to
_	time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

#### Contract Specifications Supplement to

#### OneChicago Rule 905

Supplement No. 4718
Single Stock Future: Axalta Coating Systems Ltd

Underlying Security:	Axalta Coating Systems Ltd ("AXTA")
Futures Symbol:	AXTA1D
OCX Code:	AXTA1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price         Legal Width           share price < \$10
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

#### oncomoago raio o

Supplement No. 4719
Single Stock Future: Booz Allen Hamilton Holding Corp

Underlying Security:	Booz Allen Hamilton Holding Corp ("BAH")
Futures Symbol:	BAH1D
OCX Code:	BOMI1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday
	terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract
	for non block and non EFP trades
	\$0.0001 per share, equal to \$.01 per contract
	for block and EFP trades
Legal Width Market:	Common Stock Price Legal Width
	share price < \$10 \$ .25
	\$10 ≤ share price ≤ \$50 \$ .50
	\$50 < share price \$1.00
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to
	time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4720 Single Stock Future: Bio-Rad Laboratories Inc

Underlying Security:	Bio-Rad Laboratories Inc ("BIO")
Futures Symbol:	BIO1D
OCX Code:	BIO1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price         Legal Width           share price < \$10
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts

Supplement No. 4721
Single Stock Future: Black Knight Financial Services Inc

Underlying Security:	Black Knight Financial Services Inc ("BKFS")
Futures Symbol:	BKFS1D
OCX Code:	BKFS1
Type of Underlying Security:	Common Stock
Trading Hours:	8:30 a.m. to 3:00 p.m. Central Time
Delivery Months:	Any calendar month up to two years.
Physical Delivery Settlement Cycle:	Three Day Settlement
Termination Dates:	Third Friday of contract month and up to four additional weekly Friday terminations during a contract month unless not a trading day, then
Trading Unit:	100 shares of the Underlying Security.
Minimum Price Fluctuation:	\$0.0100 per share, equal to \$1.00 per contract for non block and non EFP trades  \$0.0001 per share, equal to \$.01 per contract for block and EFP trades
Legal Width Market:	Common Stock Price         Legal Width           share price < \$10
Position Limit or Position Accountability:	As set forth in Schedule A to Chapter 4 as amended from time to time by the Exchange.
Reportable Position:	200 Contracts
Reportable Trading volume:	50 Contracts