

# Type P Record - Standard and Expanded

L e n g t h	F r o m	To	D a t a t y p e	F o r m a t	Description and Comments
2	1	2	AN	X (2)	Record ID - "P "
3	3	5	AN	X (3)	Exchange Acronym
10	6	15	AN	X (1 0)	Product (Commodity) Code
3	16	18	AN	X (3)	Product Type Code
15	19	33	AN	X (1 5)	Product Name (short name)
3	34	36	N	9 (3)	Settlement Price Decimal Locator. <b>If negative, put "-" in the first byte. For example, "-02" means negative two.</b>
3	37	39	N	9 (3)	Strike Price Decimal Locator (for options only). <b>If negative, put "-" in the first byte. For example, "-02" means negative two.</b>
1	40	40	AN	X	Settlement Price Alignment Code
1	41	41	AN	X	Strike Price Alignment Code (for options only)
14	42	55	N	9 (7 ) V 9 (7)	Contract Value Factor (Multiplier)
8	56	63	N	9 (6 ) V 9 (2)	Standard Cabinet Option Value
2	64	65	N	9 (2)	Quoted Position Quantity per Contract (CBOT "Futures Per Contract")
3	66	68	AN	X (3)	Settlement Currency ISO Code
1	69	69	AN	X	Settlement Currency One-Byte Code
3	70	72	AN	X (3)	Price Quotation Method - <b>STD</b> for standard physical commodities, <b>IDX</b> for standard indices, such as equity indices, <b>INT</b> for interest-rate indices such as Eurodollars
1	73	73	AN	X	Sign for the Contract Value Factor (Multiplier) exponent ("- is negative, any other value is positive)
2	74	75	N	9 (2)	Contract Value Factor (Multiplier) exponent
4	76	79	AN	X (4)	Exercise Style - <b>AMER</b> for american style options, <b>EURO</b> for european style options ( <b>AMER</b> is default)
35	80	114	AN	X (3 5)	Product Long Name (optional field)
1	115	115	AN	X (1)	Positionable Product Indicator -- <b>N</b> means non-positionable, in other words contracts in this product family cannot directly hold positions, typically because they are the underlying of an option on a combination, and positions in the combination are immediately broken out into their legs. <b>Y</b> or blank means positionable.
1	116	116	AN	X (1)	Money Calculation Method -- <b>N</b> means "nominal", ie, position quantities are quoted in nominal amounts and variation or premium calculations for this product must use OTC-style rounding, <b>I</b> means interest rate swap method for calculating mark-to-market amounts, and <b>F</b> or blank means "futures-style", where position quantities are in "contract" terms and variation and premium calculations use normal futures-style rounding.
5	117	121	AN	X (5)	Valuation Method -- <b>FUT</b> for futures-style (daily banking of mark-to-market amounts), <b>FUTDA</b> for futures-style with a cash adjustment, <b>FWD</b> for forward (collateralization of mark-to-market amounts), or <b>EQTY</b> (equity-style, ie daily payment or collection of price obligation amounts, for example option premium)
5	122	126	AN	X (5)	Settlement Method -- <b>CASH</b> for cash-settled, or <b>DELIV</b> for physically delivered. For futures or forwards, this indicates whether it is cash-settled or physically delivered. All options on futures are physically delivered because they exercise into an underlying future.

5	1	1	N	9	V	9	<b>This and the following three fields are for Physically Delivered FX forward products only (and will be populated for these only):</b> FX Spot Date Collateralization Gain Credit Rate (as a decimal fraction) -- percentage credit to be provided for gains, beginning on spot date and continuing through value date
	27	31		(4)			
5	1	1	N	9	V	9	FX Pre-Spot Date Collateralization Gain Credit Rate (as a decimal fraction) -- percentage credit to be provided for gains, beginning on the specified number of weekdays prior to spot date, and continuing through the weekday prior to spot date
	32	36		(4)			
2	1	1	N	99			FX Pre-Spot Date Number of Days -- provides that specified number of weekdays. For example, a value of 4 means that the pre-spot date collateralization gain credit rate applies beginning on the fourth weekday prior to spot date
	37	38					
5	1	1	N	9	V	9	FX Forward Collateralization Gain Credit Rate -- percentage credit to be provided for gains, for contracts which are further forward than the pre-spot number of weekdays.
	39	43		(4)			
14	1	1	N	9	(	7	Equivalent Position Factor
	44	57		)	V	9	
				(7)			
2	1	1	N	9			Equivalent Position Factor Exponent
	58	59		(2)			
1	1	1	AN	X			Sign for Equivalent Position Factor Exponent (blank, "+" or "-")
	60	60					
1	1	1	AN	X			Variable Tick Option flag -- "1" means this product is a variable tick option, blank or any other value means this is a standard (not a variable) tick option. Standard options have a contract value factor and strike value factor that are the same for all options in a series, and are defined for the series. A variable tick option may have a contract value factor and/or strike value factor defined for each individual contract (on the type "8" record), and if defined, the value provided overrides any value defined for the option series.
	61	61					
3	1	1	AN	X		(3)	Price Quotation Currency - normally, the currency in which the price is quoted is the same as the Settlement Currency (the currency in which the variation or premium are denominated), but for some products these are different. If this field is blank, the Price Quotation Currency is assumed to be the same as the Settlement Currency.
	62	64					
1	1	1	A	X			In-The-Money Condition. For option products, specifies how strikes the expire exactly at-the-money are handled. 0=ATM is OTM for both calls and puts; 1=ATM is ITM for both calls and puts; 2=ATM is ITM for calls but OTM for puts; and 3=ATM is OTM for calls and ITM for puts.
	65	65	N				
1	1	1	A	X			Contrary Instruction Eligible Indicator. For option products, indicates whether contrary instructions are allowed at expiration. Y=contraries are allowed; N=contraries are not allowed.
	66	66	N				
6	1	1	AN	X			Option on Physical Delta Aggregation Method (oopDeltaMeth): Controls how delta from options on physicals is aggregated. Values are ZERO (put to special period zero), PERIOD (put to period of the option), or UND (put to period of the underlying). Default value is PERIOD.
	67	72					

**Notes:**

- "P" records specify the settlement currency in which prices for contracts in a particular product family are denominated, and provide additional values regarding price specifications and the conversion of quoted prices to contract values.
- PC-SPAN will automatically read data from "P" records and update PC-SPAN's Organization Master file.
- Currently supported values for product type code are **FUT** for futures, **PHY** for physicals, **CMB** for combinations, **OOF** for options on futures, **OOP** for options on physicals, and **OOC** for options on combinations.
- Alignment codes provide values that code for particular non-decimal price formats and are currently used only for certain CBOT and CME products.
- The Contract Value Factor is the multiplier that converts an actual price -- one that has had its decimal point inserted and has been converted, if necessary, to a decimal value -- to the actual contract value.
- The standard cabinet option value is the value to be assigned to a "cabinet" trade if the value is not otherwise specified. The CBOT uses a refinement of this called "variable" cabinets in which the trade value is specified directly in the price field.
- The Quoted Position Quantity per Contract has a value of one in all cases except for certain CBOT grain products, and reflects the historical method of quoting a single position as a "five-lot".
- The Settlement Currency is the currency in which quoted settlement prices are denominated, and in which settlement variation or option premium are initially denominated. This is also in most cases the currency in which individual trade prices are denominated; at particular markets, however, it is possible for a trade price to be quoted in a different currency than the contract's settlement currency.