



CME ClearPort[®]

Transition: Legacy API to 2.0 API

Version: 1.0
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A. URL for Session-based Activity

HTTP Session-based URL	
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0
https://services.cmegroup.com/cpc/cpcapi.html	https://services.cmegroup.com/cpc/ApiHandler.api

B. FIXML and Header Components

FIXML Component and Attributes		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML	<FIXML	FIXML tags with the following attributes must contain the intended message.
v="4.4"	v="5.0 SP2"	FIX Version (value change)
s="20040109"	s="20090815"	FIX Schema Release (value change)
r="20030618">	xv="109"	FIX Extension Pack number (new attribute)
	cv="CME.0001">	Custom Tags Version (new attribute)

Header Component and Attributes- Outbound Messages (User to API)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<Hdr	<Hdr	Hdr is within sent received message.
TID="NYMEX"	TID="CME"	Target Comp ID (value change)
TSub="cpcapi"/>	TSub="CPAPI"	Target Sub ID (value change)
	SID="BRKR"	Sender Comp ID (new attribute) Please Note- Your CME Group issued 4-byte Broker Code should be substituted for <i>BRKR</i> in each of the following examples.
	SSub="user"/>	Sender Sub ID (new attribute) Please Note- Your CME Group issued user id should be substituted for <i>user</i> in each of the following examples.

Header Component and Attributes- Inbound Messages (API to User)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<Hdr	<Hdr	
SID="NYMEX"	SID="CME"	Sender Comp ID (value change)
SSub="cpcapi"/>	SSub="CPAPI"	Sender Sub ID (value change)
	TID="BRKR"	Target Comp ID (new attribute) Please Note- Your CME Group issued 4-byte Broker Code should be substituted for <i>BRKR</i> in each of the following examples.
	TSub="user"/>	Target Sub ID (new attribute) Please Note- Your CME Group issued user id should be substituted for <i>user</i> in each of the following examples.

C. Administrative Messaging

Login Request		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<UserReq UserReqID="12345" UserReqTyp="1" Username="user" Password="pass">	<UserReq UserReqID="12345" UserReqTyp="1" Username="user" Password="pass">	
<Hdr TID="NYMEX" TSub="cpcapi"/>	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (attribute and value changes)
</UserReq>	</UserReq>	
</FIXML>	</FIXML>	

Login Response		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<UserRsp UserReqID="12345" Username="user" UserStat="1">	<UserRsp UserReqID="12345" Username="user" UserStat="1">	
<Hdr SID="NYMEX" SSub="cpcapi"/>	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (attribute and value changes)
</UserRsp>	</UserRsp>	
</FIXML>	</FIXML>	

Negative Login Response		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<UserRsp UserReqID="12345" Username="user" UserStat="2" UserStatText="Invalid username/password">	<UserRsp UserReqID="12345" Username="user" UserStat="2" UserStatText="Invalid username/password">	
<Hdr SID="NYMEX" SSub="cpcapi"/>	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (attribute and value changes)
</UserRsp>	</UserRsp>	
</FIXML>	</FIXML>	

Logout Request		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<UserReq UserReqID="12345" UserReqType="2" Username="user">	<UserReq UserReqID="12345" UserReqType="2" Username="user">	
<Hdr TID="NYMEX" TSub="cpcapi"/>	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (attribute and value changes)
</UserReq>	</UserReq>	
</FIXML>	</FIXML>	

Logout Response		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<UserRsp UserReqID="12345" Username="user" UserStat="2">	<UserRsp UserReqID="12345" Username="user" UserStat="2">	
<Hdr SID="NYMEX" SSub="cpcapi"/>	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (attribute and value changes)
</UserRsp>	</UserRsp>	
</FIXML>	</FIXML>	

Negative Logout Response		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<UserRsp UserReqID="12345" Username="user" UserStat="2" UserStatText="No valid session presents (either timeout or never signed on)">	<UserRsp UserReqID="12345" Username="user" UserStat="2" UserStatText="No valid session presents (either timeout or never signed on)">	
<Hdr SID="NYMEX" SSub="cpcapi"/>	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (attribute and value changes)
</UserRsp>	</UserRsp>	
</FIXML>	</FIXML>	

Change Password Request		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<UserReq	<UserReq	
UserReqID="12345"	UserReqID="12345"	
UserReqTyp="3"	UserReqTyp="3"	
Username="userid"	Username="userid"	
Password="pass"	Password="pass"	
NewPassword="newpass"/>	NewPassword="newpass"/>	
<Hdr TID="NYMEX" TSub="cpcapi"/>	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (attribute and value changes)
</UserReq>	</UserReq>	
</FIXML>	</FIXML>	

Change Password Response		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<UserRsp	<UserRsp	
UserReqID="12345"	UserReqID="12345"	
Username="user"	Username="user"	
UserStat="5">	UserStat="5">	
<Hdr SID="NYMEX" SSub="cpcapi"/>	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (attribute and value changes)
</UserRsp>	</UserRsp>	
</FIXML>	</FIXML>	

Negative Change Password Response		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<UserRsp	<UserRsp	
UserReqID="12345"	UserReqID="12345"	
Username="user"	Username="user"	
UserStat="6"	UserStat="6"	
UserStatText="Invalid username/password: New Password does not comply with NYMEX password rules. Please try again.">	UserStatText="Invalid username/password: New Password does not comply with NYMEX password rules. Please try again.">	
<Hdr SID="NYMEX" SSub="cpcapi"/>	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (attribute and value changes)
</UserRsp>	</UserRsp>	
</FIXML>	</FIXML>	

D. Error Conditions

General Response (If Session Times Out or Not Logged In)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.x">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<FailRsp ReqID="N/A"	<BizMsgRej MsgRefID="123456"	Business Message Reject (new) Request ID repeated back (if applicable)
ErrCode="10"	BizRejRsn="6"	Business Reject Reason (new) 6 = Not Authorized
Txt="No valid session presents (either timeout or never signed on)"/>	Txt="User not authenticated">	
	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/> </BizMsgRej>	Header component (new)
</CPCAPI>	</FIXML>	

Response to Unsupported Message		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<UserRsp UserReqID="N/A"	<BizMsgRej MsgRefID="123456"	Business Message Reject (new) Request ID repeated back (if applicable)
Username="N/A" UserStat="6"	BizRejRsn="3"	Bus. Reject Reason (attribute change) 3 = Unsupported Message Type
UserStatText="The request is not supported: Request not supported.">	Txt="Unsupported Message Type">	Bus. Reject Text (attribute change)
<Hdr SID="NYMEX" SSub="cpcapi"/>	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/> </BizMsgRej>	Header component (attribute and value changes)
</UserRsp>	</BizMsgRej>	
</FIXML>	</FIXML>	

Response to Malformed Message		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<FATAL ErrCode="0">	<BizMsgRej MsgRefID="123456"	Business Message Reject (new) Request ID repeated back (if applicable)
	BizRejRsn="0"	Bus. Reject Reason (attribute change) 0 = Other
General Exception: Mismatched close tag...	Txt="XML parsing exception: error...">	Bus. Reject Text (attribute change)
	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (new)
</FATAL>	</BizMsgRej>	
	</FIXML>	

E. Product Reference Data

Request for All Available ClearPort Products			
Legacy ClearPort API (v1.1)	Legacy ClearPort API (v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.1">	<CPCAPI v="1.2">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<ProdReq	<ProdReq	<SecDefReq	Security Definition Request (new)
ReqID="12345"/>	ReqID="12345"/>	ReqID="123456"	
		ReqTyp="100">	Request Type (new) 100 = Request for Products
		<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (new)
		</SecDefReq>	
</CPCAPI>	</CPCAPI>	</FIXML>	

Response with All Available ClearPort Products			
Legacy ClearPort API (v1.1)	Legacy ClearPort API (v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.1">	<CPCAPI v="1.2">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<ProdRsp	<ProdRsp	<Batch	In ClearPort API v2.0, responses returning multiple <SecDef> messages are encapsulated in <Batch> tags.
ReqID="12345">	ReqID="12345">		The Request ID is repeated back on each <SecDef> within the Batch response. (see SecDef@ReqID below)
		TotMsg="2">	Total Messages (new) ClearPort API v2.0 indicates the number of Security Definitions included in the response.
		<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (new)
<Prod	<Prod	<SecDef	Security Definition (component name change)
		RspTyp="100"	Response Type (new) 100 = Product Response
		ReqID="123456"	Request ID (location change)
		BizDt="2011-06-23"	Business Date (new)
		RptID="13109162902"	Report ID (new)
		ReqRslt="0"	Request Result (new) 0 = Valid Request
		Txt="Valid request">	
		<Instrmt	Instrument Component (new)

Response with All Available ClearPort Products (continued)			
Legacy ClearPort API (v1.1)	Legacy ClearPort API (v1.2)	ClearPort API v2.0	Notes
ID="CL"	ID="CL"	ID="CL"	
		Src="H"	ID Source (new) (Always "H") H = Clearing House
CFI="FXXXX"	CFI="FXXXX"	SecTyp="FUT"	Security Type (attribute change) FUT = Future FWD = Forward OOF = Option on Future OOC = Option on Combo
Exch="NYMEX"	Exch="NYMEX"	Exch="NYMEX"	
LongName="CRUDE OIL"	LongName="CRUDE OIL"	Desc="CRUDE OIL"	Product Description (attribute name change)
ShortName="CRUDE OIL"	ShortName="CRUDE OIL"		
Group="Crude Oil"	Group="Crude Oil"		See <ProdClsfnGrp> element below, which can be used to obtain Product Group classification via ClearPort API 2.0 <SecDef> messages.
ClrOrg="CME"	ClrOrg="CME"		
DPL="2"	DPL="2"		
SubTyp="MN"	ProdTerm="MN"	ProdTerm="3"	Product Term (value change) 1 = Daily 3 = Monthly
UOM="Bbl"	UOM="Bbl"	UOM="Bbl"	
UOMQty="1000"	UOMQty="1000"	UOMQty="1000"	
QuantityBlock="1000"	QuantityBlock="1000"		QuantityBlock and UOMQty are redundant. QuantityBlock is not supported in ClearPort API 2.0.
MinBlkQty="200"	MinBlkQty="200"		ClearPort API 2.0 SecDef messages do not currently provide Minimum Block Quantity.
MinPriceTick="0.01"	MinPriceTick="0.01"	MinPxIncr="0.01"	Minimum Price Increment (attribute name change)
		PxQteMeth="STD"	Price Quote Method (new)
Ccy="USD">	Ccy="USD"	PxQteCcy="USD"	Price Quote Currency (attribute name change)
	TASDeltaLmt="0.1">		TAS Price Limits not provided over ClearPort API 2.0.
		PxUOM="Bbl"	Price Unit of Measure (new)
		PxUOMQty="1"	Price Unit of Measure Quantity (new)
		ProdCmplx="ENRGY"	Product Complex (new)
		SettlMeth="P"	Settlement Method (new) P = Physical settlement C = Cash settlement

Response with All Available ClearPort Products (continued)			
Legacy ClearPort API (v1.1)	Legacy ClearPort API (v1.2)	ClearPort API v2.0	Notes
		ValMeth="FUT"	Valuation Method (new) EQTY = premium style FUT = futures style (mark-to-market) FUTDA = futures style with cash adjustment FWD = forwards style
		ListMeth="0"	List Method (new) 0 = Pre-listed contracts only 1 = user requested contracts supported
<QtyTyp>2</QtyTyp>	<QtyTyp>2</QtyTyp>		ClearPort API v2.0 supports (for all products) trade entry in either units: (TrdCaptRpt\@QtyTyp="0") or contracts: (TrdCaptRpt\@QtyTyp="1")
<TmUnit>mo</TmUnit>	<TmUnit>mo</TmUnit>	TmUnit="Mo"/>	Time Unit (attribute change) H = Hour D = Day Mo = Month
		<InstrmtExt>	Instrument Extension Component (new)
	<SubTyp>B-BLK</SubTyp>	<Attrb Typ="24" Val="1"/>	Product Attribute Type 24 (repeating group) indicates the product's supported Trade Types: Val=1 (Block) Val=12 (EFS/EOO) Val=2 (EFP) Val=22 (OPNT) Val=11 (EFR) Val=23 (SUB)
	<SubTyp>E-EFP</SubTyp>	<Attrb Typ="24" Val="2"/>	
	<SubTyp>F-EFS</SubTyp>	<Attrb Typ="24" Val="12"/>	
	<SubTyp>B-TAS</SubTyp>		In ClearPort API v2.0 TAS trades (for TAS eligible products) are submitted with unique TAS Trading symbols. Each TAS product has its own unique Security Definition (e.g CLT).
	<SubTyp>B-STP</SubTyp>		In ClearPort API v2.0 all products support multi-leg trade submissions (including Strip trade submissions). Therefore, there is no need to indicate supported strategy types for each trade type.
	<SubTyp>E-STP</SubTyp>		
	<SubTyp>F-STP</SubTyp>		
		<Attrb Typ="25" Val="1"/>	Product Attribute (new) Type 25: (indicator for Denominator) 1 = non-fractional product >1 = fractional product, in which case Attribute Type 26 (Numerator), will also be present.

Response with All Available ClearPort Products (continued)			
Legacy ClearPort API (v1.1)	Legacy ClearPort API (v1.2)	ClearPort API v2.0	Notes
		<Attrb Typ="29" Val="Y"/>	Product Attribute (new) Type 29: (Tradable Indicator) Y = Yes N = No
		</InstrmtExt>	
		<ProdClsfnGrp>	Product Classification Group Component (new)
		<ProdClsfn Rsn="7" Val="Crude Oil"/>	Product Classification Reason (new) 7 = Product Group
		</ProdClsfnGrp>	
</Prod>	</Prod>	</SecDef>	
			Note- the following SecDef represents an Options product, as opposed to the one above which is a futures product. Only the fields which are unique to Options products are highlighted below.
<Prod	<Prod	<SecDef	Security Definition (component name change)
		RspTyp="100"	Response Type (new) 100 = Product Response
		ReqID="123456"	Request ID (location change)
		BizDt="2011-06-23"	Business Date (new)
		RptID="1234567"	Report ID (new)
		ReqRslt="0"	Request Result (new) 0 = Valid Request
		Txt="Valid request">	
		<Instrmt	Instrument Component (new)
ID="LO"	ID="LO"	ID="LO"	
		Src="H"	ID Source (new) (Always "H") H = Clearing House
CFI="OXXXXX"	CFI="OXXXXX"	SecTyp="OOF"	Security Type (attribute change) FUT = Future FWD = Forward OOF = Option on Future OOC = Option on Combo
Exch="NYMEX"	Exch="NYMEX"	Exch="NYMEX"	
LongName="CRUDE OIL OPTION"	LongName="CRUDE OIL OPTION"	Desc="CRUDE OIL OPTION"	Product Description (attribute name change)
ShortName="CRUDE OIL OPTION"	ShortName="CRUDE OIL OPTION"		
Group="Crude Oil"	Group="Crude Oil"		See <ProdClsfnGrp> element below, which can be used to obtain Product Group classification via ClearPort API 2.0 <SecDef> messages.
ClrOrg="CME"	ClrOrg="CME"		
DPL="2"	DPL="2"		

Response with All Available ClearPort Products (continued)			
Legacy ClearPort API (v1.1)	Legacy ClearPort API (v1.2)	ClearPort API v2.0	Notes
SubTyp="MN"	ProdTerm="MN"	ProdTerm="3"	Product Term (value change) 1 = Daily 3 = Monthly
UOM="Bbl"	UOM="Bbl"	UOM="Bbl"	
UOMQty="1000"	UOMQty="1000"	UOMQty="1000"	
QuantityBlock="1000"	QuantityBlock="1000"		QuantityBlock and UOMQty are redundant. QuantityBlock is not supported in ClearPort API 2.0.
MinBlkQty="1000"	MinBlkQty="1000"		ClearPort API 2.0 SecDef messages do not currently provide Minimum Block Quantity.
MinPriceTick="0.01"	MinPriceTick="0.01"	MinPxIncr="0.01"	Minimum Price Increment (attribute name change)
		PxQteMeth="STD"	Price Quote Method (new)
Ccy="USD">	Ccy="USD">	PxQteCcy="USD"	Price Quote Currency (attribute name change)
		PxUOM="Bbl"	Price Unit of Measure (new)
		PxUOMQty="1"	Price Unit of Measure Quantity (new)
		ProdCmplx="ENRGY"	Product Complex (new)
		SettlMeth="P"	Settlement Method (new) P = Physical settlement C = Cash settlement
		ValMeth="EQTY"	Valuation Method (new) EQTY = premium style FUT = futures style (mark-to-market) FUTDA = futures style with cash adjustment FWD = forwards style
		ListMeth="1"	List Method (new) 0 = Pre-listed contracts only 1 = user requested contracts supported
<QtyTyp>2</QtyTyp>	<QtyTyp>2</QtyTyp>		ClearPort API v2.0 supports (for all products) trade entry in either <u>units</u> : (TrdCaptRpt\@QtyTyp="0") or <u>contracts</u> : (TrdCaptRpt\@QtyTyp="1")
<TmUnit>mo</TmUnit>	<TmUnit>mo</TmUnit>	TmUnit="Mo"	Time Unit (attribute change) H = Hour D = Day Mo = Month
		ExerStyle="1"/>	Exercise Style (new) 0 = European 1 = American
		<InstrmtExt>	Instrument Extension Component (new)
	<SubTyp>O-BLK</SubTyp>	<Attrb Typ="24" Val="1"/>	Attribute Type 24 (repeating group) indicates the product's

Response with All Available ClearPort Products (continued)			
Legacy ClearPort API (v1.1)	Legacy ClearPort API (v1.2)	ClearPort API v2.0	Notes
	<SubTyp>O- EOO</SubTyp>	<Attrb Typ="24" Val="12"/>	supported Trade Types: Val=1 Val=12 (Block) (EFS/EOO) Val=2 Val=22 (EFP) (OPNT) Val=11 Val=23 (SUB) (EFR)
	<SubTyp>Q- STP</SubTyp>		In ClearPort API v2.0 all products support multi-leg trade submissions (including Strip trade submissions). Therefore, there is no need to indicate supported strategy types for each trade type.
	<SubTyp>O- STP</SubTyp>		
		<Attrb Typ="25" Val="1"/>	Product Attribute (new) Type 25: indicator for Denominator. 1 = non-fractional product >1 = fractional product, in which case Attribute Type 26 (Numerator), will also be present.
		<Attrb Typ="29" Val="Y"/>	Product Attribute (new) Type 29: Tradable Indicator Y = Yes N = No
		</InstrmtExt>	
		<Undly	
		ID="CL"	Underlying Product ID (new)
		Src="H"	Underlying Product ID Source (new) (Always "H") H = Clearing House
		SecTyp="FUT"	Underlying Security Type (new) FUT = Future FWD = Forward MLEG = Multi-leg (Combo)
		Exch="NYMEX"/>	Underlying Exchange (new)
		<ProdClsfnGrp>	Product Classification Group Component (new)
		<ProdClsfn Rsn="7" Val="Crude Oil"/>	Product Classification Reason (new) 7 = Product Group
		</ProdClsfnGrp>	
</Prod>	</Prod>	</SecDef>	
</ProdRsp>	</ProdRsp>	</Batch>	
</CPCAPI>	</CPCAPI>	</FIXML>	

Negative Response to Request for all Available ClearPort Products			
Legacy ClearPort API (v1.1)	Legacy ClearPort API (v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.x">	<CPCAPI v="1.x">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<ProdRsp	<ProdRsp	<SecDef RspTyp="100"	Security Definition (new) Response Type (new) 100 = Product Response
		ReqID=""	Request ID (new)
		RptID="1310295556289"	Report ID (new)
ErrCode="21"	ErrCode="21"	ReqRslt="1"	Request Result (attribute change) 1 = Invalid or unsupported request
Txt="Invalid request: Missing ReqID"/>	Txt="Invalid request: Missing ReqID"/>	Txt="Invalid Input: (ReqID) Missing">	
		<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (new)
		</SecDef>	
</CPCAPI>	</CPCAPI>	</FIXML>	

Request all Futures Maturities for a Particular Futures Product		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.x">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<ContractTermReq	<SecDefReq	Security Definition Request (component name change)
ReqID="12345"	ReqID="123456"	
	ReqTyp="104">	Request Type (new) 104 = Request for Futures Maturities (without product family information)
	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (new)
	<Instrmt	Instrument Component (new)
ProductID="CL"	ID="CL"	Product ID (attribute name change)
	Src="H"	Product ID Source (new) (Always "H") H = Clearing House
Exch="NYMEX"	Exch="NYMEX"	
CFI="FXXXX"/>	SecTyp="FUT"/>	Security Type (new) FUT = Future FWD = Forward
</CPCAPI>	</SecDefReq>	
	</FIXML>	

Response with all Futures Maturities for a Particular Futures Product		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.x">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<ContractTermRsp	<Batch	In ClearPort API v2.0, responses returning multiple <SecDef> messages are encapsulated in <Batch> tags.
ReqID="12345"		The Request ID is repeated back on each <SecDef> within the Batch response. (see SecDef\@ReqID below)
	TotMsg="71">	Total Messages (new) ClearPort API v2.0 indicates the number of Security Definitions included in the response.
	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (new)
	<SecDef	Security Definition (new)
	RspTyp="104"	Response Type (new) 104 = Futures Maturities Response (without product family information)
	ReqID="123456"	Request ID (location change)
	BizDt="2011-06-24"	Business Date (new)
	RptID="1309260182314"	Report ID (new)
	ReqRslt="0"	Request Result (new) 0 = Valid Request

Response with all Futures Maturities for a Particular Futures Product (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	Txt="Valid request">	
	<Instrmt	Instrument Component (new)
ProductID="CL"	ID="CL"	Product ID (attribute name change)
	Src="H"	ID Source (new) (Always "H") H = Clearing House
CFI="FXXXX"	SecTyp="FUT"	Security Type (attribute change) FUT = Future FWD = Forward
Exch="NYMEX">	Exch="NYMEX"	
	Status="1"	Security Status 1 = Active 2 = Inactive
<Term MMY="201108"/>	MMY="201108"	Maturity Month Year (Day) (location change) Note: if Daily Product, format will be YYYYMMDD
	MatDt="2011-07-20"	Maturity Date (new) (Date the specified contract expires- last settlement date) Format: YYYY-MM-DD
	Mult="1000">	Contract Multiplier (new) Multiplier that converts a trade price to match the cleared contract size.
	<Evnt Dt="2006-02-09"	
	EventTyp="5"/>	Event Component (new) (repeating group)
	<Evnt Dt="2011-07-20"	5 = First Trading Date
	EventTyp="7"/>	7 = Last Trading Date
	<Evnt Dt="2011-07-21"	105 = Last EFP Date
	EventTyp="105"/>	
	</Instrmt>	
	</SecDef>	<SecDef>...</SecDef> is repeated for each Maturity in the Response.
	.	
	.	
</ContractTermRsp>	</Batch>	
</CPCAPI>	</FIXML>	

Request all Options Series for a Particular Options Product		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.x">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<ContractTermReq	<SecDefReq	Security Definition Request (component name change)
ReqID="12345"	ReqID="123456"	
	ReqTyp="102">	Request Type (new) 102 = Request for Options Series (without product family information)
	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (new)
	<Instrmt	Instrument Component (new)
ProductID="LO"	ID="LO"	Product ID (attribute name change)
	Src="H"	Product ID Source (new) (Always "H") H = Clearing House
Exch="NYMEX"	Exch="NYMEX"	
CFI="OXXXX"/>	SecTyp="OOF"/>	Security Type (new) OOF = Option on Future OOC = Option on Combo
</CPCAPI>	</SecDefReq>	
	</FIXML>	

Response with all Options Series for a Particular Options Product		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.x">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<ContractTermRsp	<Batch	In ClearPort API v2.0, responses returning multiple <SecDef> messages are encapsulated in <Batch> tags.
ReqID="12345"		The Request ID is repeated back on each <SecDef> within the Batch response. (see SecDef\@ReqID below)
	TotMsg="71">	Total Messages (new) ClearPort API v2.0 indicates the number of Security Definitions included in the response.
	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (new)
	<SecDef	Security Definition (new)
	RspTyp="102"	Response Type (new) 102 = Options Series Response (without product family information)
	ReqID="123456"	Request ID (location change)
	BizDt="2011-06-24"	Business Date (new)
	RptID="1309275451455"	Report ID (new)
	ReqRslt="0"	Request Result (new) 0 = Valid Request

Response with all Options Series for a Particular Options Product (<i>continued</i>)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	Txt="Valid request">	
	<Instrmt	Instrument Component (new)
ProductID="LO"	ID="LO"	Product ID (attribute name change)
	Src="H"	ID Source (new) (Always "H") H = Clearing House
CFI="OXXXX"	SecTyp="OOF"	Security Type (attribute change) OOF = Option on Future OOC = Option on Combo
Exch="NYMEX">	Exch="NYMEX"	
	Status="1"	Security Status 1 = Active 2 = Inactive
	ExerStyle="1"	Exercise Style (new) 0 = European 1 = American
<Term MMY="201108"/>	MMY="201108"	Maturity Month Year (Day) (location change) Note: if Daily Product, format will be YYYYMMDD
	MatDt="2011-07-15">	Maturity Date (new) (Date the specified contract expires- last settlement date) Format: YYYY-MM-DD
	<Evnt Dt="2006-02-14"	Event Component (new) (repeating group) 5 = First Trading Date 7 = Last Trading Date
	EventTyp="5"/>	
	<Evnt Dt="2011-07-15"	
	EventTyp="7"/>	
	</Instrmt>	
	<Undly	
	ID="CL"	Underlying Product ID (new)
	Src="H"	Underlying Product ID Source (new) (Always "H") H = Clearing House
	SecTyp="FUT"	Underlying Security Type (new) FUT = Future FWD = Forward MLEG = Multi-leg (Combo)
	Exch="NYMEX"	Underlying Exchange (new)
	MMY="201108"/>	Underlying Maturity Month Year (Day) Note: if Daily Product, format will be YYYYMMDD
	</SecDef>	
	.	<SecDef>...</SecDef> is repeated for each Series in the Response.
	.	
	.	
</ContractTermRsp>	</Batch>	
</CPCAPI>	</FIXML>	

Negative Response to Request for Futures Maturities or Options Series		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.2">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<ContractTermRsp	<SecDef RspTyp="104"	Response Type (new) 102 = Options Series Response 104 = Futures Maturities Response
ReqID="12345"	ReqID="12345"	
	RptID="1310296418729"	Report ID (new)
Exch="NYMEX"		
CFI="FXXXX"		
ErrCode="1000"	ReqRslt="1"	Request Result (attribute change) 1 = Invalid or unsupported request
Txt="Invalid product: Missing ProductID"/>	Txt="Invalid Input: (Instrmt ID) Missing">	
	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (new)
	</SecDef>	
</CPCAPI>	</FIXML>	

Request all Options Strikes for a Particular Options Series		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.x">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<StrikeReq	<DerivSecListReq	Derivatives Security List Request (component name change)
ReqID="12345"	ReqID="12345">	
	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (new)
	<Undly	Underlying Instrument Component (new)
	Exch="NYMEX"	Underlying Product Exchange (new) CME CBT NYMEX COMEX DME GEX
	ID="CL"	Underlying Product ID (new) Note- to determine Product IDs for underlying Combos, first make SecDefReq with ReqTyp 105.
	Src="H"	Underlying Product ID Source (new) (Always "H") H = Clearing House
	SecTyp="FUT"	Underlying Security Type (new) FUT = Future FWD = MLEG MLEG = Multi-leg (Combo)
	MMY="201108"/>	Underlying Maturity Month Year (new)
	<DerivInstrmt	Derivatives Instrument Component (new)
Exch="NYMEX"	Exch="NYMEX"	
	SecTyp="OOF"	Security Type (new) OOF = Option on Future OOC = Option on Combo
ProductID="LO"	ID="LO"	Product ID (attribute name change)
	Src="H"	ID Source (new) (Always "H") H = Clearing House
StartTerm="201108"/>	MMY="201108"/>	Series Maturity Month Year (attribute name change)
	</DerivSecListReq>	
</CPCAPI>	</FIXML>	

Response with all Options Strikes for a Particular Options Series		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<GPCAPI v="1.x">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<StrikeRsp	<DerivSecList	Derivatives Security List (component name change)
ReqID="12345"	ReqID="12345"	
	BizDt="2011-06-24"	Business Date (new)
	RptID="1309277140863"	Report ID (new)
	ReqRslt="0"	Request Result (new) 0 = Valid Request
	Txt="Valid request">	
	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (new)
	<Undly ID="CL"	Underlying Product ID (new) Note- to determine Product IDs for underlying Combos, first make SecDefReq with ReqTyp 105.
	Src="H"	Underlying Product ID Source (new) (Always "H") H = Clearing House
	SecTyp="FUT"	Underlying Security Type (new) FUT = Future FWD = MLEG MLEG = Multi-leg (Combo)
	Exch="NYMEX"	Underlying Product Exchange (new) CME CBT NYMEX COMEX DME GEX
	MMY="201108"/>	Underlying Maturity Month Year (new)
	<DerivSecDef>	Derivatives Security Definition Component
	<DerivInstrmt	Derivatives Instrument Component
ProductID="LO"	ID="LO"	Product ID (attribute name change)
	Src="H"	ID Source (new) (Always "H") H = Clearing House
	SecTyp="OOF"	Security Type (new) OOF = Option on Future OOC = Option on Combo
Exch="NYMEX"	Exch="NYMEX"	
StartTerm="201108">	MMY="201108"	Series Maturity Month Year (attribute name change)
	Desc="CRUDE OIL OPTION"	Product Description (new)
	ProdCmplx="ENRGY"	Product Complex (new)

Response with all Options Strikes for a Particular Options Series (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	<code>ProdTerm="3"</code>	Product Term (new) 1 = Daily 3 = Monthly
	<code>TmUnit="Mo"</code>	Time Unit (attribute change) H = Hour D = Day Mo = Month
	<code>UOM="Bbl"</code>	Unit of Measure (new)
	<code>PxUOM="Bbl"</code>	Price Unit of Measure (new)
	<code>UOMQty="1000"</code>	Unit of Measure Quantity (new)
	<code>PxUOMQty="1"</code>	Price Unit of Measure Quantity (new)
	<code>PxQteMeth="STD"</code>	Price Quote Method (new)
	<code>PxQteCcy="USD"</code>	Price Quote Currency (new)
	<code>MinPxIncr="0.01"</code>	Minimum Price Increment (new)
	<code>SettlMeth="P"</code>	Settlement Method (new) P = Physical settlement C = Cash settlement
	<code>ValMeth="EQTY"</code>	Valuation Method (new) EQTY = premium style FUT = futures style (mark-to-market) FUTDA = futures style with cash adjustment FWD = forwards style
	<code>ExerStyle="1"</code>	Exercise Style (new) 0 = European 1 = American
	<code>ListMeth="1"</code>	List Method (new) 0 = Pre-listed contracts only 1 = user requested contracts supported
	<code>Status="1"></code>	Security Status 1 = Active 2 = Inactive
	<code><Evnt Dt="2006-02-14" EventType="5"/></code>	Event Component (new) (repeating group) 5 = First Trading Date 7 = Last Trading Date
	<code><Evnt Dt="2011-07-15" EventType="7"/></code>	
	<code></DerivInstrmt></code>	
	<code><Attrb Typ="24" Val="12"/></code>	Product Attribute (new) Attribute Type 24 (repeating group) indicates the product's supported Trade Types: Val=1 (Block) Val=2 (EFP) Val=11 (EFR) Val=12 (EFS/EOO) Val=22 (OPNT) Val=23 (SUB)
	<code><Attrb Typ="24" Val="1"/></code>	
	<code><Attrb Typ="25" Val="1"/></code>	Product Attribute (new) Type 25: indicator for Denominator 1 = non-fractional product >1 = fractional product, in which case Attribute Type 26 (Numerator), will also be present.

Response with all Options Strikes for a Particular Options Series (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	<Attrb Typ="29" Val="Y"/>	Product Attribute (new) Type 29: Tradable Indicator Y = Yes N = No
	</DerivSecDef>	
	<RelSym>	Related Symbol Component (new)
	<Instrmt	Instrument Component (new)
<Strike P="50.00"/>	StrkPx="50"	Strike Price (attribute change)
	PutCall="0"/>	Put Call Indicator (new)
	</RelSym>	
	<RelSym>	
	<Instrmt	
	StrkPx="50"	
	PutCall="1"/>	
	</RelSym>	
.	.	<RelSym>...</RelSym> is repeated for each existing Options Strike.
.	.	
.	.	
</StrikeRsp>	</DerivSecList>	
</CPCAPI>	</FIXML>	

Negative Response to Request for Options Strikes		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.2">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<StrikeRsp	<DerivSecList	Derivatives Security List (component name change)
ReqID="12345"	ReqID="12345"	
Exch="NYMEX"		
StartTerm="201108"		
ErrCode="1000"	RptID="1310296821117" ReqRslt="1"	Report ID (new) Request Result (attribute change) 1 = Invalid or unsupported request
Txt="Invalid product: Missing ProductID"/>	Txt="Invalid Input: (DerivInstrmt ID) Missing">	
	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (new)
	</DerivSecList>	
</CPCAPI>	</FIXML>	

F. Entity Reference Data

Request all Authorized Accounts Eligible to Trade a Particular Product		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.x">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<AccountReq	<PtyEntlmntReq	Party Entitlement Request (component name change)
ReqID="12345"	ReqID="12345">	
	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (new)
	<ReqPty	Requesting Party block (new)
	ID="BRKR_FIRMID"	Your CME group assigned Broker Firm ID. (new)
	R="30"/>	Party Role (new) 30 = Broker Firm
	<ReqR	Requested Role block (new)
	R="24"/>	Party Role 24 = Account
	<InstrmtScope	Instrument Scope block (new)
	Oper="1"	Instrument Operator (new) (Always "1") 1 = Included
ProductID="CL"	ID="CL"	Product ID (attribute name change)
	Src="H"	ID Source (new) (Always "H") H = Clearing House
Exch="NYMEX"	Exch="NYMEX"	
CFI="FXXXX"/>	SecTyp="FUT"/>	Security Type (new) FUT = Future FWD = Forward OOF = Option on Future OOC = Option on Combo
	</PtyEntlmntReq>	
</CPCAPI>	</FIXML>	

Response with all Authorized Accounts Eligible to Trade a Particular Product		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<GPCAPI v="1.1">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<AccountRsp	<PtyEntlmntRpt	Party Entitlement Report (component name change)
ReqID="12345"	ReqID="12345"	
	RptID="1310770137861"	Report ID (new)
	ReqRslt="0"	Request Result (new) 0 = Valid Request
	Txt="Valid request">	Text (new)
	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (new)
	<PtyEntlmnt>	Party Entitlement component (new)
	<Entlmnt	Entitlement block (new)
	Typ="0"	Entitlement Type 0 = trade
	Ind="Y">	Entitlement Indicator Y = Yes (As in- Yes, the following accounts can trade this particular product)
	<InstrmtScope	Instrument Scope block (new)
	Oper="1"	Instrument Operator (new) (Always "1") 1 = Included
ProductID="CL"	ID="CL"	Product ID (attribute name change)
	Src="H"	ID Source (new) (Always "H") H = Clearing House
Exch="NYMEX"	Exch="NYMEX"	
CFI="FXXXX">	SecTyp="FUT"/>	Security Type (new) FUT = Future FWD = Forward OOF = Option on Future OOC = Option on Combo
	</Entlmnt>	
<PtyGrp>		
<Pty	<PtyDetl	Party Detail Component
ID="ACCT1"	ID="ACCT1"	Account ID
	Src="C"	Party Source C = Generally accepted identifier
R="24"/>	R="24">	Party role 24 = Account
	<ReltdPtyDetl	Related Party Detail block
	ID="BRKR_FIRMID"	Your CME group assigned Broker Firm ID.
	Src="C"	Party Source C = Generally accepted identifier
	R="30">	Party role 30 = Broker Firm
	<Rltnshp Rltnshp="22"/>	Relationship Type 22 = brokered by (the referenced Account is brokered by this Brokerage Firm)

Response with all Authorized Accounts Eligible to Trade a Particular Product (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	</ReltdPtyDetl>	
<Pty	<ReltdPtyDetl	
ID="TRADINGFIRM1_ID"	ID="TRADINGFIRM1_ID"	A CME group assigned Trading Firm ID.
	Src="C"	Party Source C = Generally accepted identifier
R="1">	R="7">	Party role 7 = Trading Firm
	<Rltnshp Rltnshp="36"/>	Relationship Type 36 = owned by (the referenced Account is owned by this Trading Firm)
<Sub ID="Trading Firm 1 Name" Typ="5"/>		
</Pty>	</ReltdPtyDetl>	
<Pty	<ReltdPtyDetl	
ID="817"	ID="817"	A CME group assigned Clearing Firm ID.
	Src="C"	Party Source C = Generally accepted identifier
R="4">	R="1">	Party role 1 = Clearing Firm
	<Rltnshp Rltnshp="2"/>	Relationship Type 2 = clears through (the referenced Account is cleared through this Clearing Firm)
<Sub ID="Clearing Firm Name" Typ="5"/>		
</Pty>	</ReltdPtyDetl>	
</PtyGrp>	</PtyDetl>	
.	.	<PtyDetl>...</PtyDetl> is repeated for each authorized Account that can trade the specified product.
.	.	
.	.	
	</PtyEntlmnt>	
</AccountRsp>	</PtyEntlmntRpt>	
</CPCAPI>	</FIXML>	

Negative Response to Request for Accounts that can Trade a Particular Product		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.x">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<AccountRsp	<PtyEntlmntRpt	Party Entitlement Report (component name change)
ReqID="12345"	ReqID="12345"	
Exch="NYMEX"		
CFI="FXXXX"		
ErrCode="21"	RptID="1310297713117" ReqRslt="1"	Report ID (new) Request Result (attribute change) 1 = Invalid or unsupported request
Txt="Invalid request: Missing ProductID"/>	Txt="Invalid Input: (InstrmtScope ID) Missing">	
	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (new)
	</PtyEntlmntRpt>	
</CPCAPI>	</FIXML>	

Request all Traders at a Particular Trading Firm		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.x">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<PtyReq	<PtyDetlListReq	Party Detail List Request (component name change)
ReqID="12345">	ReqID="12345">	
	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (new)
	<ReqPty	Requested Party block (new)
	ID="BRKR"	Your CME group assigned Broker Firm ID.
	R="30"/>	Party role 30 = Broker Firm
<Pty	<Pty	Requested Party block (new)
ID="trading_firm"	ID="trading_firm"	A related Trading Firm's ID.
		Note: Trading Firm must own an Account which the Broker Firm is authorized to submit trades for.
R="1"/>	R="7"/>	Party Role (value change) 7 = Trading Firm
	<ReqR	Requested Role block (new)
	R="36"/>	Party Role (new) 36 = trader user
</PtyReq>	</PtyDetlListReq>	
</CPCAPI>	</FIXML>	

Response with all Traders at a Particular Trading Firm		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<GPCAPI v="1.x">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<PtyRsp	<PtyDetlListRpt	Party Detail List Report (component name change)
ReqID="12345">	ReqID="12345"	
	RptID="1310776594966"	Report ID (new)
	ReqRslt="0"	Request Result (new) 0 = Valid Request
	Txt="Valid request">	Text (new)
	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (new)
<Pty	<PtyDetl	-REPEATING GROUP- Party Detail block (new)
ID="trader1_id"	ID="trader1_id"	A CME group assigned Trader ID.
	Src="C"	Party Source (new) C = Generally accepted identifier
R="12">	R="36">	Party Role (value change) 36 = trader user
<Sub	<Sub	Party Sub Block
ID="Trader1 Name"	ID="Trader1 Name"	Trader Name
Typ="9"/>	Typ="9"/>	9 = Contact Name
<Pty	<ReltdPtyDetl	-REPEATING GROUP- Related Party Detail block (new)
ID="TRADINGFIRM1_ID"	ID="TRADINGFIRM1_ID"	A CME group assigned Trading Firm ID.
	Src="C"	Party Source (new) C = Generally accepted identifier
R="1"/>	R="7">	Party Role (value change) 7 = Trading Firm
	<Sub	Party Sub block
	ID="Trading Firm 1 Name"	Trading Firm Name
	Typ="5"/>	5 = Legal Name of the Firm
	<Rltnshp Rltnshp="6"/>	Relationship Type 6 = sponsored by (the referenced trader is sponsored by this Trading Firm)
	</ReltdPtyDetl>	
	<ReltdPtyDetl	Related Party Detail block
		Note- A <ReltdPtyDetl> block will appear for each product exchange that the user can submit trades on.
	ID="NYMEX"	Permissible Product Exchange: CME CBT NYMEX COMEX DME GEX
	Src="C"	Party Source C = Generally accepted identifier

Response with all Traders at a Particular Trading Firm (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	R="22">	Party role 22 = Exchange
	<Rltnshp Rltnshp="12"/>	Relationship Type 12 = is a participant of (the referenced trader is a participant of this marketplace)
	</ReltdPtyDetl>	
	.	
	.	
	.	
</Pty>	</PtyDetl>	
	.	
	.	
	.	
</PtyRsp>	</PtyDetlListRpt>	
</CPCAPI>	</FIXML>	

Negative Response to Request for Traders at a Particular Trading Firm		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<CPCAPI v="1.x">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (new)
<PtyRsp	<PtyDetlListRpt	Party Detail List Report (component name change)
ReqID="testID"	ReqID="123437"	
	RptID="1310289853309"	Report ID (new)
ErrCode="21"	ReqRslt="2"	Request Result (attribute change) 2 = No parties or party details found.
Txt="Invalid request: Invalid FirmName trading_firm">	Txt="No parties or party details found that match selection criteria">	
	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (new)
<Pty ID="trading_firm" R="1"/>		
</PtyRsp>	</PtyDetlListRpt>	
</CPCAPI>	</FIXML>	

G. Trade Entry

Outright Futures Trade Submission		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<TrdCaptRpt RptID="12345">	<TrdCaptRpt RptID="12345" ExecID2="12345620000929">	Trade Capture Report
TransTyp="0"	TransTyp="0"	REQUIRED- Proprietary Trade ID (new) -Up to 40 bytes alphanumeric supported-
RptTyp="0"	TrdTyp="12"	REQUIRED- Trade Type (new) 1 = Block 12 = EFS/EOO 2 = EFP 22 = OPNT 11 = EFR 23 = SUB
LastPx="90.00"	TxnTm="2011-07-05T10:13:41.637-04:00"	REQUIRED- Transaction Time (new) -Local Time in ms minus GMT offset- Note: Must indicate the time trade was actually captured in the proprietary trading system.
LastQty="1000">	LastQty="1000">	REQUIRED- Quantity Type (new) 0 = Units 1 = Contracts Note: Units must be submitted in multiples of contract size. See Instrmt@UOMQty on SecDef messages.
<Hdr TID="NYMEX" TSub="cpcapi"/>	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (attribute and value changes)
<Instrmt ID="CL">	<Instrmt ID="CL" Src="H">	Instrument component
CFI="FXXXX"	SecTyp="FUT"	REQUIRED- ID Source (new) (Always "H") H = Clearing House Security Type (attribute and value changes) FUT = Future FWD = Forward
Exch="NYMEX"	Exch="NYMEX"	
MMY="201112"	MMY="201112"	
SubTyp="F-EFS"		

Outright Futures Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
TmUnit="mo"/>	TmUnit="Mo"/>	OPTIONAL (Some Products support alternate Time Units. See SecDef messages for products with Alternate Time Unit (<Attrb Typ="109">) Time Unit (attribute change) H = Hour D = Day Mo = Month
<RptSide	<RptSide	Report Side Component
	InptSrc="BRKR"	REQUIRED- Input Source (new) Broker Code
Side="1">	Side="1">	Buy Side
<Pty	<Pty	
ID="ACCT1"	ID="ACCT1"	
R="24"/>	R="24"/>	
<Pty	<Pty	
ID="123"	ID="123"	
R="4"/>	R="1"/>	Party role 1 = Clearing Firm (value change)
<Pty	<Pty	
ID="trader1_id"	ID="trader1_id"	
R="12"/>	R="36"/>	Party role 36 = trader user (value change)
	<Pty	REQUIRED-
	ID="BRKR_FIRMID"	Broker Firm ID (not Broker Code) (new)
	R="30"/>	Party Role (new) 30 = Broker Firm
	<Pty	REQUIRED-
	ID="broker_id"	Broker user ID (new)
	R="62"/>	Party Role (new) 62 = broker user
</RptSide>	</RptSide>	
<RptSide	<RptSide	Report Side Component
	InptSrc="BRKR"	REQUIRED- Input Source (new) Broker Code
Side="2">	Side="2">	Sell Side
<Pty	<Pty	
ID="ACCT2"	ID="ACCT2"	
R="24"/>	R="24"/>	
<Pty	<Pty	
ID="456"	ID="456"	
R="4"/>	R="1"/>	Party role 1 = Clearing Firm (value change)
<Pty	<Pty	
ID="trader2_id"	ID="trader2_id"	
R="12"/>	R="36"/>	Party role 36 = trader user (value change)
	<Pty	REQUIRED-
	ID="BRKR_FIRMID"	Broker Firm ID (not Broker Code) (new)

Outright Futures Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	R="30"/>	Party Role (new) 30 = Broker Firm
	<Pty	REQUIRED-
	ID="broker_id"	Broker user ID (new)
	R="62"/>	Party Role (new) 62 = broker user
</RptSide>	</RptSide>	
</TrdCaptRpt>	</TrdCaptRpt>	
</FIXML>	</FIXML>	

Outright Options Trade Submission		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<TrdCaptRpt	<TrdCaptRpt	
RptID="12345"	RptID="12345"	
	ExecID2="12345620000929"	REQUIRED- Proprietary Trade ID (new) -Up to 40 bytes alphanumeric supported-
TransTyp="0"	TransTyp="0"	
RptTyp="0"		
	TrdTyp="12"	REQUIRED- Trade Type (new) 1 = Block 12 = EFS/EOO 2 = EFP 22 = OPNT 11 = EFR 23 = SUB
	TxnTm="2011-07-05T10:13:41.637-04:00"	REQUIRED- Transaction Time (new) -Local Time in ms minus GMT offset- Note: Must indicate the time trade was actually captured in the proprietary trading system.
LastPx="1.00"	LastPx="1.00"	
	QtyTyp="0"	REQUIRED- Quantity Type (new) 0 = Units 1 = Contracts Note: Units must be submitted in multiples of contract size. See Instrmt\@UOMQty on SecDef messages.
LastQty="1000">	LastQty="1000">	
<Hdr TID="NYMEX" TSub="cpcapi"/>	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (attribute and value changes)
<Instrmt	<Instrmt	Instrument component
ID="LO"	ID="LO"	

Outright Options Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	Src="H"	ID Source (new) (Always "H") H = Clearing House
Exch="NYMEX"	Exch="NYMEX"	
CFI="OCXXXX"	SecTyp="OOF"	Security Type (attribute and value changes) OOF = Option on Future OOC = Option on Combo
	PutCall="0"	Put/Call Indicator (attribute and value changes) 0 = Put 1 = Call
Strk="90.00"	StrkPx="90.00"	Strike Price (attribute name change)
MMY="201112"	MMY="201112"	
SubTyp="O-EOO"		
TmUnit="mo"/>	TmUnit="Mo"/>	OPTIONAL (Some Products support alternate Time Units. See SecDef messages for products with Alternate Time Unit (<Attrb Typ="109">)) Time Unit (attribute change) H = Hour D = Day Mo = Month
	<Undly	REQUIRED- Underlying Instrument component (new)
	SecTyp="FUT"	Underlying Security Type (new) FUT = Future FWD = Forward
	Exch="NYMEX"	Underlying Product Exchange (new) CME CBT NYMEX COMEX DME GEX
	ID="CL"	Underlying Product ID (new)
	Src="H"	Underlying Product ID Source (new) (Always "H") H = Clearing House
	MMY="201112"/>	Underlying Contract Maturity (new) YYYYMMDD
<RptSide	<RptSide	Report Side Component
	InptSrc="BRKR"	REQUIRED- Input Source (new) Broker Code
Side="1">	Side="1">	Buy Side
<Pty	<Pty	
ID="ACCT1"	ID="ACCT1"	
R="24"/>	R="24"/>	

Outright Options Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<Pty	<Pty	
ID="123"	ID="123"	
R="4"/>	R="1"/>	Party role 1 = Clearing Firm (value change)
<Pty	<Pty	
ID="trader1_id"	ID="trader1_id"	
R="12"/>	R="36"/>	Party role 36 = trader user (value change)
	<Pty	REQUIRED-
	ID="BRKR_FIRMID"	Broker Firm ID (not Broker Code) (new)
	R="30"/>	Party Role (new) 30 = Broker Firm
	<Pty	REQUIRED-
	ID="broker_id"	Broker user ID (new)
	R="62"/>	Party Role (new) 62 = broker user
</RptSide>	</RptSide>	
<RptSide	<RptSide	Report Side Component
	InptSrc="BRKR"	REQUIRED- Input Source (new) Broker Code
Side="2">	Side="2">	Sell Side
<Pty	<Pty	
ID="ACCT2"	ID="ACCT2"	
R="24"/>	R="24"/>	
<Pty	<Pty	
ID="456"	ID="456"	
R="4"/>	R="1"/>	Party role 1 = Clearing Firm (value change)
<Pty	<Pty	
ID="trader2_id"	ID="trader2_id"	
R="12"/>	R="36"/>	Party role 36 = trader user (value change)
	<Pty	REQUIRED-
	ID="BRKR_FIRMID"	Broker Firm ID (not Broker Code) (new)
	R="30"/>	Party Role (new) 30 = Broker Firm
	<Pty	REQUIRED-
	ID="broker_id"	Broker user ID (new)
	R="62"/>	Party Role (new) 62 = broker user
</RptSide>	</RptSide>	
</TrdCaptRpt>	</TrdCaptRpt>	
</FIXML>	</FIXML>	

Block TAS or TAM Trade Submission		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<TrdCaptRpt RptID="12345"	<TrdCaptRpt RptID="12345"	
	ExecID2="12345620000929"	REQUIRED- Proprietary Trade ID (new) -Up to 40 bytes alphanumeric supported-
TransTyp="0"	TransTyp="0"	
RptTyp="0"		
	TrdTyp="1"	REQUIRED- Trade Type (new) 1 = Block 12 = EFS/EEO 2 = EFP 22 = OPNT 11 = EFR 23 = SUB
	TxnTm="2011-07-05T10:13:41.637-04:00"	REQUIRED- Transaction Time (new) -Local Time in ms minus GMT offset- Note: Must indicate the time trade was actually captured in the proprietary trading system.
LastSwapPnts="-0.10"	LastPx="-0.10"	TAS/TAM Differential Price (attribute change)
	QtyTyp="0"	REQUIRED- Quantity Type (new) 0 = Units 1 = Contracts Note: Units must be submitted in multiples of contract size. See Instrmt\@UOMQty on SecDef messages.
LastQty="200000">	LastQty="200000">	
<Hdr TID="NYMEX" TSub="cpcapi"/>	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (attribute and value changes)
<Instrmt ID="CL"	<Instrmt ID="CLT"	Note the change in Symbol. Product-level SecDef messages will include TAS Products with corresponding TAS Symbols.
	Src="H"	REQUIRED- ID Source (new) (Always "H") H = Clearing House
CFI="FXXXX"	SecTyp="FUT"	REQUIRED- Security Type (attribute and value changes) FUT = Future FWD = Forward
Exch="NYMEX"	Exch="NYMEX"	
SubTyp="B-BLK"		
MMY="201109"	MMY="201109"	

Block TAS or TAM Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
TmUnit="mo"/>	TmUnit="Mo"/>	OPTIONAL (Some Products support alternate Time Units. See SecDef messages for products with Alternate Time Unit (<Attrb Typ="109">) Time Unit (attribute change) H = Hour D = Day Mo = Month
	<TrdRegTS TS="2011-07-05T10:13:41.637-04:00"	Trade Regulatory Timestamp (must specify the Date and Time the Block Trade took place).
	Typ="1"/>	
<RptSide	<RptSide	Report Side Component
	InptSrc="BRKR"	REQUIRED- Input Source (new) Broker Code
Side="1">	Side="1">	Buy Side
<Pty ID="ACCT1" R="24"/>	<Pty ID="ACCT1" R="24"/>	
<Pty ID="123" R="4"/>	<Pty ID="123" R="1"/>	Party role 1 = Clearing Firm (value change)
<Pty ID="trader1_id" R="12"/>	<Pty ID="trader1_id" R="36"/>	Party role 36 = trader user (value change)
	<Pty ID="BRKR_FIRMID" R="30"/>	REQUIRED- Broker Firm ID (not Broker Code) (new) Party Role (new) 30 = Broker Firm
	<Pty ID="broker_id" R="62"/>	REQUIRED- Broker user ID (new) Party Role (new) 62 = broker user
</RptSide>	</RptSide>	
<RptSide	<RptSide	Report Side Component
	InptSrc="BRKR"	REQUIRED- Input Source (new) Broker Code
Side="2">	Side="2">	Sell Side
<Pty ID="ACCT2" R="24"/>	<Pty ID="ACCT2" R="24"/>	
<Pty ID="456" R="4"/>	<Pty ID="456" R="1"/>	Party role 1 = Clearing Firm (value change)
<Pty	<Pty	

Block TAS or TAM Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
ID="trader2_id"	ID="trader2_id"	
R="12"/>	R="36"/>	Party role 36 = trader user (value change)
	<Pty	REQUIRED-
	ID="BRKR_FIRMID"	Broker Firm ID (not Broker Code) (new)
	R="30"/>	Party Role (new) 30 = Broker Firm
	<Pty	REQUIRED-
	ID="broker_id"	Broker user ID (new)
	R="62"/>	Party Role (new) 62 = broker user
</RptSide>	</RptSide>	
</TrdCaptRpt>	</TrdCaptRpt>	
</FIXML>	</FIXML>	

Futures Strip Trade Submission		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<TrdCaptRpt RptID="12345">	<TrdCaptRpt RptID="12345" ExecID2="12345620000929">	REQUIRED- Proprietary Trade ID (new) -Up to 40 bytes alphanumeric supported-
TransTyp="0"	TransTyp="0"	
RptTyp="0"		
ReqID="1234567"		
LastPx="90.00"		
LastQty="1000">		
	TrdTyp="2"	REQUIRED- Trade Type (new) 1 = Block 12 = EFS/EEO 2 = EFP 22 = OPNT 11 = EFR 23 = SUB
	TxnTm="2011-07-05T10:13:41.637-04:00">	REQUIRED- Transaction Time (new) -Local Time in ms minus GMT offset- Note: Must indicate the time trade was actually captured in the proprietary trading system.
<Hdr TID="NYMEX" TSub="cpcapi"/>	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (attribute and value changes)
<Instrmt ID="CL" CFI="M">	<Instrmt SecTyp="MLEG">	REQUIRED- Trade-level Security Type (attribute and value changes) MLEG = Multi-leg
TmUnit="mo"		
SubTyp="F-STP"		
Exch="NYMEX"/>	Exch="NYMEX"/>	
<TrdLeg>	<TrdLeg LastPx="90.00">	-REPEATING GROUP- Trade Leg component First Leg Note: A Trade Leg component is required for each and every leg in the multi-leg trade.
		REQUIRED- First Leg Price (new)

Futures Strip Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	QtyTyp="0"	REQUIRED- First Leg Quantity Type (new) 0 = Units 1 = Contracts Note: Units must be submitted in multiples of contract size. See Instrmt\@UOMQty on SecDef messages.
	LastQty="1000">	REQUIRED- First Leg Quantity (new)
<Leg	<Leg	Leg component
	Side="1"	REQUIRED- First Leg Side Indicator (new) 1 = Buy 2 = Sell Note: Leg Side indicators must always be specified from the BUYER's perspective.
	ID="CL"	REQUIRED- First Leg Product ID (new)
	Src="H"	REQUIRED- First Leg Product ID Source (new) (Always "H") H = Clearing House
CFI="FXXXX"	SecTyp="FUT"	REQUIRED- First Leg Security Type (attribute and value changes) FUT = Future FWD = Forward
	Exch="NYMEX"	REQUIRED- First Leg Product Exchange (new) CME CBT NYMEX COMEX DME GEX
MMY="201201"/>	MMY="201201"/>	
</TrdLeg>	</TrdLeg>	
	<TrdLeg	Trade Leg component 2nd Leg
	LastPx="90.00"	REQUIRED- 2nd Leg Price (new)
	QtyTyp="0"	REQUIRED- 2nd Leg Quantity Type (new) 0 = Units 1 = Contracts Note: Units must be submitted in multiples of contract size. See Instrmt\@UOMQty on SecDef messages.
	LastQty="1000">	REQUIRED- 2nd Leg Quantity (new)
	<Leg	Leg component
	Side="1"	REQUIRED-

Futures Strip Trade Submission (<i>continued</i>)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
		2nd Leg Side Indicator (<i>new</i>) 1 = Buy 2 = Sell Note: Leg Side indicators must always be specified from the BUYER's perspective.
	ID="CL"	REQUIRED- 2nd Leg Product ID (<i>new</i>)
	Src="H"	REQUIRED- 2nd Leg Product ID Source (<i>new</i>) (Always "H") H = Clearing House
	SecTyp="FUT"	REQUIRED- 2nd Leg Security Type (<i>new</i>) FUT = Future FWD =Forward
	Exch="NYMEX"	REQUIRED- 2nd Leg Product Exchange (<i>new</i>) CME CBT NYMEX COMEX DME GEX
	MMY="201202"/>	REQUIRED- 2nd Leg Contract Maturity (<i>new</i>) YYYYMMDD
	</TrdLeg>	
	<TrdLeg	Trade Leg component 3rd Leg
	LastPx="90.00"	REQUIRED- 3rd Leg Price (<i>new</i>)
	QtyTyp="0"	REQUIRED- 3rd Leg Quantity Type (<i>new</i>) 0 = Units 1 = Contracts Note: Units must be submitted in multiples of contract size. See Instrmt\@UOMQty on SecDef messages.
	LastQty="1000">	REQUIRED- 3rd Leg Quantity (<i>new</i>)
	<Leg	Leg component
	Side="1"	REQUIRED- 3rd Leg Side Indicator (<i>new</i>) 1 = Buy 2 = Sell Note: Leg Side indicators must always be specified from the BUYER's perspective.
	ID="CL"	REQUIRED- 3rd Leg Product ID (<i>new</i>)
	Src="H"	REQUIRED- 3rd Leg Product ID Source (<i>new</i>) (Always "H") H = Clearing House

Futures Strip Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	SecTyp="FUT"	REQUIRED- 3rd Leg Security Type (new) FUT = Future FWD =Forward
	Exch="NYMEX"	REQUIRED- 3rd Leg Product Exchange (new) CME CBT NYMEX COMEX DME GEX
	MMY="201203"/>	REQUIRED- 3rd Leg Contract Maturity (new) YYYYMMDD
	</TrdLeg>	
<TrdLeg>	<TrdLeg	Trade Leg component Last Leg
	LastPx="90.00"	REQUIRED- Last Leg Price (new)
	QtyTyp="0"	REQUIRED- Last Leg Quantity Type (new) 0 = Units 1 = Contracts Note: Units must be submitted in multiples of contract size. See Instrmt\@UOMQty on SecDef messages.
	LastQty="1000">	REQUIRED- Last Leg Quantity (new)
<Leg	<Leg	Leg component
	Side="1"	REQUIRED- Last Leg Side Indicator (new) 1 = Buy 2 = Sell Note: Leg Side indicators must always be specified from the BUYER's perspective.
	ID="CL"	REQUIRED- Last Leg Product ID (new)
	Src="H"	REQUIRED- Last Leg Product ID Source (new) (Always "H") H = Clearing House
CFI="FXXXX"	SecTyp="FUT"	REQUIRED- Last Leg Security Type (attribute and value changes) FUT = Future FWD =Forward
	Exch="NYMEX"	REQUIRED- Last Leg Product Exchange (new) CME CBT NYMEX COMEX DME

Futures Strip Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
		GEX
MMY="201204"/>	MMY="201204"/>	
</TrdLeg>	</TrdLeg>	
<RptSide	<RptSide	Report Side Component
	InptSrc="BRKR"	REQUIRED- Input Source (new) Broker Code
Side="1">	Side="1">	Buy Side
<Pty	<Pty	
ID="ACCT1"	ID="ACCT1"	
R="24"/>	R="24"/>	
<Pty	<Pty	
ID="123"	ID="123"	
R="4"/>	R="1"/>	Party role 1 = Clearing Firm (value change)
<Pty	<Pty	
ID="trader1_id"	ID="trader1_id"	
R="12"/>	R="36"/>	Party role 36 = trader user (value change)
	<Pty	REQUIRED-
	ID="BRKR_FIRMID"	Broker Firm ID (not Broker Code) (new)
	R="30"/>	Party Role (new) 30 = Broker Firm
	<Pty	REQUIRED-
	ID="broker_id"	Broker user ID (new)
	R="62"/>	Party Role (new) 62 = broker user
</RptSide>	</RptSide>	
<RptSide	<RptSide	Report Side Component
	InptSrc="BRKR"	REQUIRED- Input Source (new) Broker Code
Side="2">	Side="2">	Sell Side
<Pty	<Pty	
ID="ACCT2"	ID="ACCT2"	
R="24"/>	R="24"/>	
<Pty	<Pty	
ID="456"	ID="456"	
R="4"/>	R="1"/>	Party role 1 = Clearing Firm (value change)
<Pty	<Pty	
ID="trader2_id"	ID="trader2_id"	
R="12"/>	R="36"/>	Party role 36 = trader user (value change)
	<Pty	REQUIRED-
	ID="BRKR_FIRMID"	Broker Firm ID (not Broker Code) (new)
	R="30"/>	Party Role (new) 30 = Broker Firm
	<Pty	REQUIRED-
	ID="broker_id"	Broker user ID (new)
	R="62"/>	Party Role (new) 62 = broker user

Futures Strip Trade Submission (<i>continued</i>)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
</RptSide>	</RptSide>	
</TrdCaptRpt>	</TrdCaptRpt>	
</FIXML>	</FIXML>	

Options Strip Trade Submission		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<TrdCaptRpt RptID="12345">	<TrdCaptRpt RptID="12345" ExecID2="12345620000929">	REQUIRED- Proprietary Trade ID (<i>new</i>) -Up to 40 bytes alphanumeric supported-
TransTyp="0"	TransTyp="0"	
RptTyp="0"		
ReqID="1234567"		
LastPx="0.1"		
LastQty="1000">		
	TrdTyp="12"	REQUIRED- Trade Type (<i>new</i>) 1 = Block 12 = EFS/EOO 2 = EFP 22 = OPNT 11 = EFR 23 = SUB
	TxnTm="2011-07-05T10:13:41.637-04:00">	REQUIRED- Transaction Time (<i>new</i>) -Local Time in ms minus GMT offset- Note: Must indicate the time trade was actually captured in the proprietary trading system.
<Hdr TID="NYMEX" TSub="cpcapi"/>	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (attribute and value changes)
<Instrmt ID="LO" CFI="M">	<Instrmt SecTyp="MLEG">	Trade-level Security Type (attribute and value changes) MLEG = Multi-leg
TmUnit="mo"		
SubTyp="O-STP"		
Exch="NYMEX"/>	Exch="NYMEX"/>	
<TrdLeg>	<TrdLeg LastPx="0.10">	-REPEATING GROUP- Trade Leg component First Leg Note: A Trade Leg component is required for each and every leg in the multi-leg trade.
		REQUIRED- First Leg Price (<i>new</i>)

Options Strip Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	QtyTyp="0"	REQUIRED- First Leg Quantity Type (new) 0 = Units 1 = Contracts Note: Units must be submitted in multiples of contract size. See Instrmt\@UOMQty on SecDef messages.
	LastQty="1000">	REQUIRED- First Leg Quantity (new)
<Leg	<Leg	Leg component
	Side="1"	REQUIRED- First Leg Side Indicator (new) 1 = Buy 2 = Sell Note: Leg Side indicators must always be specified from the BUYER's perspective.
	ID="LO"	REQUIRED- First Leg Product ID (new)
	Src="H"	REQUIRED- First Leg Product ID Source (new) (Always "H") H = Clearing House
	Exch="NYMEX"	First Leg Product Exchange (new) CME CBT NYMEX COMEX DME GEX
MMY="201201"	MMY="201201"	
CFI="OPXXXX"	SecTyp="OOF"	First Leg Security Type (attribute and value changes) OOF = Option on Future OOC = Option on Combo
	PutCall="0"	First Leg Put/Call Symbol (attribute and value changes) 0 = Put 1 = Call
Strk="90.00"/>	Strk="90.00"/>	
	<Undlys>	REQUIRED- First Leg Undlys component
	<Undly	REQUIRED- First Leg Underlying component
	ID="CL"	REQUIRED- First Leg Underlying Product ID (new)
	Src="H"	REQUIRED- First Leg Underlying Product ID Source (new) (Always "H") H = Clearing House
	MMY="201201"	REQUIRED- First Leg Underlying Maturity

Options Strip Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
		(new) YYYYMMDD (DD only used if maturity on Underlying is Daily)
	SecTyp="FUT"	REQUIRED- First Leg Underlying Security Type (new) FUT = Future FWD =Forward
	Exch="NYMEX"/>	First Leg Underlying Product Exchange (new) CME CBT NYMEX COMEX DME GEX
	</Undlys>	
</TrdLeg>	</TrdLeg>	
	<TrdLeg	-REPEATING GROUP- Trade Leg component 2nd Leg Note: A Trade Leg component is required for each and every leg in the multi-leg trade.
	LastPx="0.10"	REQUIRED- 2nd Leg Price (new)
	QtyTyp="0"	REQUIRED- 2nd Leg Quantity Type (new) 0 = Units 1 = Contracts Note: Units must be submitted in multiples of contract size. See Instrmt\@UOMQty on SecDef messages.
	LastQty="1000">	REQUIRED- 2nd Leg Quantity (new)
	<Leg	Leg component
	Side="1"	REQUIRED- 2nd Leg Side Indicator (new) 1 = Buy 2 = Sell Note: Leg Side indicators must always be specified from the BUYER's perspective.
	ID="LO"	REQUIRED- 2nd Leg Product ID (new)
	Src="H"	REQUIRED- 2nd Leg Product ID Source (new) (Always "H") H = Clearing House
	Exch="NYMEX"	REQUIRED- 2nd Leg Product Exchange (new) CME CBT NYMEX COMEX

Options Strip Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
		DME GEX
	MMY="201202"	REQUIRED- 2nd Leg Underlying Maturity (new) YYYYMMDD (DD only used if maturity on Underlying is Daily)
	SecTyp="OOF"	2nd Leg Security Type (attribute and value changes) OOF = Option on Future OOC = Option on Combo
	PutCall="0"	2nd Leg Put/Call Symbol (attribute and value changes) 0 = Put 1 = Call
	Strk="90.00"/>	
	<Undlys>	REQUIRED- 2nd Leg Undlys component
	<Undly	REQUIRED- 2nd Leg Underlying component
	ID="CL"	REQUIRED- 2nd Leg Underlying Product ID (new)
	Src="H"	REQUIRED- 2nd Leg Underlying Product ID Source (new) (Always "H") H = Clearing House
	MMY="201202"	REQUIRED- 2nd Leg Underlying Maturity (new) YYYYMMDD (DD only used if maturity on Underlying is Daily)
	SecTyp="FUT"	REQUIRED- 2nd Leg Underlying Security Type (new) FUT = Future FWD = Forward
	Exch="NYMEX"/>	2nd Leg Underlying Product Exchange (new) CME CBT NYMEX COMEX DME GEX
	</Undlys>	
	</TrdLeg>	
	<TrdLeg	-REPEATING GROUP- Trade Leg component 3rd Leg Note: A Trade Leg component is required for each and every leg in the multi-leg trade.
	LastPx="0.10"	REQUIRED- 3rd Leg Price (new)

Options Strip Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	QtyTyp="0"	REQUIRED- 3rd Leg Quantity Type (new) 0 = Units 1 = Contracts Note: Units must be submitted in multiples of contract size. See Instrmt\@UOMQty on SecDef messages.
	LastQty="1000">	REQUIRED- 3rd Leg Quantity (new)
	<Leg	Leg component
	Side="1"	REQUIRED- 3rd Leg Side Indicator (new) 1 = Buy 2 = Sell Note: Leg Side indicators must always be specified from the BUYER's perspective.
	ID="LO"	REQUIRED- 3rd Leg Product ID (new)
	Src="H"	REQUIRED- 3rd Leg Product ID Source (new) (Always "H") H = Clearing House
	Exch="NYMEX"	REQUIRED- 3rd Leg Product Exchange (new) CME CBT NYMEX COMEX DME GEX
	MMY="201203"	REQUIRED- 3rd Leg Underlying Maturity (new) YYYYMMDD (DD only used if maturity on Underlying is Daily)
	SecTyp="OOF"	3rd Leg Security Type (attribute and value changes) OOF = Option on Future OOC = Option on Combo
	PutCall="0"	3rd Leg Put/Call Symbol (attribute and value changes) 0 = Put 1 = Call
	Strk="90.00"/>	
	<Undlys>	REQUIRED- 3rd Leg Undlys component
	<Undly	REQUIRED- 3rd Leg Underlying component
	ID="CL"	REQUIRED- 3rd Leg Underlying Product ID (new)
	Src="H"	REQUIRED- 3rd Leg Underlying Product ID Source (new) (Always "H") H = Clearing House

Options Strip Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	MMY="201203"	REQUIRED- 3rd Leg Underlying Maturity (new) YYYYMMDD (DD only used if maturity on Underlying is Daily)
	SecTyp="FUT"	REQUIRED- 3rd Leg Underlying Security Type (new) FUT = Future FWD =Forward
	Exch="NYMEX"/>	3rd Leg Underlying Product Exchange (new) CME CBT NYMEX COMEX DME GEX
	</Undlys>	
	</TrdLeg>	
<TrdLeg>	<TrdLeg	-REPEATING GROUP- Trade Leg component Last Leg Note: A Trade Leg component is required for each and every leg in the multi-leg trade.
	LastPx="0.10"	REQUIRED- Last Leg Price (new)
	QtyTyp="0"	REQUIRED- Last Leg Quantity Type (new) 0 = Units 1 = Contracts Note: Units must be submitted in multiples of contract size. See Instrmt\@UOMQty on SecDef messages.
	LastQty="1000">	REQUIRED- Last Leg Quantity (new)
<Leg	<Leg	Leg component
	Side="1"	REQUIRED- Last Leg Side Indicator (new) 1 = Buy 2 = Sell Note: Leg Side indicators must always be specified from the BUYER's perspective.
	ID="LO"	REQUIRED- Last Leg Product ID (new)
	Src="H"	REQUIRED- Last Leg Product ID Source (new) (Always "H") H = Clearing House
	Exch="NYMEX"	Last Leg Product Exchange (new) CME CBT NYMEX

Options Strip Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
		COMEX DME GEX
MMY="201204"	MMY="201204"	
CFI="OPXXXX"	SecTyp="OOF"	Last Leg Security Type (attribute and value changes) OOF = Option on Future OOC = Option on Combo
	PutCall="0"	Last Leg Put/Call Symbol (attribute and value changes) 0 = Put 1 = Call
Strk="90.00"/>	Strk="90.00"/>	
	<Undlys>	REQUIRED- Last Leg Undlys component
	<Undly	REQUIRED- Last Leg Underlying component
	ID="CL"	REQUIRED- Last Leg Underlying Product ID (new)
	Src="H"	REQUIRED- Last Leg Underlying Product ID Source (new) (Always "H") H = Clearing House
	MMY="201204"	REQUIRED- Last Leg Underlying Maturity (new) YYYYMMDD (DD only used if maturity on Underlying is Daily)
	SecTyp="FUT"	REQUIRED- Last Leg Underlying Security Type (new) FUT = Future FWD = Forward
	Exch="NYMEX"/>	Last Leg Underlying Product Exchange (new) CME CBT NYMEX COMEX DME GEX
	</Undlys>	
</TrdLeg>	</TrdLeg>	
<RptSide	<RptSide	Report Side Component
	InptSrc="BRKR"	REQUIRED- Input Source (new) Broker Code
Side="1">	Side="1">	Buy Side
<Pty	<Pty	
ID="ACCT1"	ID="ACCT1"	
R="24"/>	R="24"/>	
<Pty	<Pty	
ID="123"	ID="123"	

Options Strip Trade Submission (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
R="4"/>	R="1"/>	Party role 1 = Clearing Firm (value change)
<Pty ID="trader1_id" R="12"/>	<Pty ID="trader1_id" R="36"/>	Party role 36 = trader user (value change)
	<Pty ID="BRKR_FIRMID"	REQUIRED- Broker Firm ID (not Broker Code) (new)
	R="30"/>	Party Role (new) 30 = Broker Firm
	<Pty ID="broker_id" R="62"/>	REQUIRED- Broker user ID (new) Party Role (new) 62 = broker user
</RptSide>	</RptSide>	
<RptSide	<RptSide InptSrc="BRKR"	Report Side Component REQUIRED- Input Source (new) Broker Code
Side="2">	Side="2">	Sell Side
<Pty ID="ACCT2" R="24"/>	<Pty ID="ACCT2" R="24"/>	
<Pty ID="456" R="4"/>	<Pty ID="456" R="1"/>	Party role 1 = Clearing Firm (value change)
<Pty ID="trader2_id" R="12"/>	<Pty ID="trader2_id" R="36"/>	Party role 36 = trader user (value change)
	<Pty ID="BRKR_FIRMID"	REQUIRED- Broker Firm ID (not Broker Code) (new)
	R="30"/>	Party Role (new) 30 = Broker Firm
	<Pty ID="broker_id" R="62"/>	REQUIRED- Broker user ID (new) Party Role (new) 62 = broker user
</RptSide>	</RptSide>	
</TrdCaptRpt>	</TrdCaptRpt>	
</FIXML>	</FIXML>	

Positive Trade Acknowledgement		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<TrdCaptRptAck	<TrdCaptRptAck	Trade Capture Report Acknowledgement
RptID="12345"	RptID="12345"	
TransTyp="0"	TransTyp="0"	
	RptTyp="0"	Report Type (new) (Always "0") 0 = Submit
	RptRefID="0000001"	Report Reference ID (new) Note: Echoes back RptID (Report ID) from trade submission message.
	ExecID2="12345620000929"	Proprietary Trade ID (new) Note: Echoes back ExecID2 from trade submission message. -Up to 40 bytes alphanumeric supported-
	TrdDt="2011-07-05"	Trade Date (new) Clearing Date in YYYY-MM-DD format
	BizDt="2011-07-05"	Business Date (new) Clearing Date in YYYY-MM-DD format
	TrdTyp="12"	Trade Type (new) 1 = Block 12 = EFS/EEO 2 = EFP 22 = OPNT 11 = EFR 23 = SUB
	TxnTm="2011-07-05T11:45:58.593-05:00"	Transaction Time (new) -Local Time in ms minus GMT offset- Note: Echoes back TxnTm from trade submission message.
	LastPx="90.00"	Trade Price (new)
	QtyTyp="0"	Quantity Type (new) 0 = Units 1 = Contracts
	LastQty="1000"	Trade Quantity (new)
	TrdAckStat="0"	Trade Ack Status (new) 0 = Accepted
TrdRptStat="0"	TrdRptStat="4"	Trade Report Status (new) 4 = Received, not yet Processed Note: "Received, not yet Processed" is considered a positive acknowledgement. User must subsequently submit TCR Request with ClearPort Trade ID for updated status.
ExecTyp="A"		
ExecID="2022991">	ExecID="2022991">	ClearPort Trade ID
<Hdr SID="NYMEX" SSub="cpcapi"/>	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (attribute and value changes)

Positive Trade Acknowledgement (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<Instrmt	<Instrmt	Instrument component
ID="CL"	ID="CL"	
	Src="H"	ID Source (new) (Always "H") H = Clearing House
CFI="FXXXX"	SecTyp="FUT"	Security Type (attribute and value changes) FUT = Future FWD = Forward
Exch="NYMEX"	Exch="NYMEX"	
SubTyp="F-EFS"		
MMY="201112"	MMY="201112"	
TmUnit="mo"/>	TmUnit="Mo"/>	Time Unit (attribute change) H = Hour D = Day Mo = Month Note: Present on Ack only if specified on the trade submission message.
	<RptSide	Report Side Component (new)
	InptSrc="BRKR"	Input Source Broker Code
	Side="1">	Buy Side
	<Pty	
	ID="ACCT1"	Account ID
	R="24"/>	Party Role 24 = Account
	<Pty	
	ID="123"	Clearing Firm ID
	R="1"/>	Party Role 1 = Clearing Firm
	<Pty	
	ID="trader1_id"	Trader User ID
	R="36"/>	Party Role 36 = trader user
	<Pty	
	ID="BRKR_FIRMID"	Broker Firm ID
	R="30"/>	Party Role 30 = Broker Firm
	<Pty	
	ID="broker_id"	Broker User ID
	R="62"/>	Party Role 62 = broker user
	</RptSide>	
	<RptSide	Report Side Component (new)
	InptSrc="BRKR"	Input Source Broker Code
	Side="2">	Sell Side
	<Pty	
	ID="ACCT2"	Account ID
	R="24"/>	Party Role 24 = Account
	<Pty	
	ID="456"	Clearing Firm ID

Positive Trade Acknowledgement (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	R="1"/>	Party Role 1 = Clearing Firm
	<Pty	
	ID="trader2_id"	Trader User ID
	R="36"/>	Party Role 36 = trader user
	<Pty	
	ID="BRKR_FIRMID"	Broker Firm ID
	R="30"/>	Party Role 30 = Broker Firm
	<Pty	
	ID="broker_id"	Broker User ID
	R="62"/>	Party Role 62 = broker user
	</RptSide>	
</TrdCaptRptAck>	</TrdCaptRptAck>	
</FIXML>	</FIXML>	

Negative Trade Acknowledgement		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<TrdCaptRptAck RptID="12345" TransTyp="0">	<TrdCaptRptAck RptID="12345" TransTyp="0" RptTyp="0" RptRefID="0000001" ExecID2="12345620000929" TrdTyp="1" TxnTm="2011-07-06T09:18:26.680-05:00" LastPx="-0.10" QtyTyp="0" LastQty="100000" TrdAckStat="1" TrdRptStat="1" RptRejRsn="99" RejRsn="99" RejTxt="Invalid quantity: Quantity for CRUDE OIL block trade must not be less than 200,000">	
		Report Type (new) (Always "0") 0 = Submit
		Report Reference ID (new) Note: Echoes back RptID (Report ID) from trade submission message.
		Proprietary Trade ID (new) Note: Echoes back ExecID2 from trade submission message. -Up to 40 bytes alphanumeric supported-
		Trade Type (new) 1 = Block 12 = EFS/EOO 2 = EFP 22 = OPNT 11 = EFR 23 = SUB
		Transaction Time (new) -Local Time in ms minus GMT offset- Note: Echoes back TxnTm from trade submission message.
		Trade Price (new)
		Quantity Type (new) 0 = Units 1 = Contracts
		Trade Quantity (new)
		Trade Ack Status (new) 1 = Rejected
		Reject Reason (attribute name change) 99 = Other
		Reject Text (attribute name change)
<Hdr SID="NYMEX" SSub="cpcapi"/>	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (attribute and value changes)
<Instrmt ID="CL">	<Instrmt ID="CL" Src="H">	Instrument component
		ID Source (new) (Always "H") H = Clearing House

Negative Trade Acknowledgement (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
CFI="FXXXX"	SecTyp="FUT"	Security Type (attribute and value changes) FUT = Future FWD = Forward
Exch="NYMEX"	Exch="NYMEX"	
SubTyp="B-BLK"		
MMY="201109"	MMY="201109"	
TmUnit="mo"/>	TmUnit="Mo"/>	Time Unit (value changes) H = Hour D = Day Mo = Month Note: Present on Ack only if specified on the trade submission message.
	<TrdRegTS TS="2011-07-05T10:13:41.637-04:00" Typ="1"/>	Trade Regulatory Timestamp (new) Note: Only present on Ack if specified on trade submission message (required for Blocks).
	<RptSide	Report Side Component (new)
	InptSrc="BRKR"	Input Source Broker Code
	Side="1">	Buy Side
	<Pty	
	ID="ACCT1"	Account ID
	R="24"/>	Party Role 24 = Account
	<Pty	
	ID="123"	Clearing Firm ID
	R="1"/>	Party Role 1 = Clearing Firm
	<Pty	
	ID="trader1_id"	Trader User ID
	R="36"/>	Party Role 36 = trader user
	<Pty	
	ID="BRKR_FIRMID"	Broker Firm ID
	R="30"/>	Party Role 30 = Broker Firm
	<Pty	
	ID="broker_id"	Broker User ID
	R="62"/>	Party Role 62 = broker user
	</RptSide>	
	<RptSide	Report Side Component (new)
	InptSrc="BRKR"	Input Source Broker Code
	Side="2">	Sell Side
	<Pty	
	ID="ACCT2"	Account ID
	R="24"/>	Party Role 24 = Account
	<Pty	
	ID="456"	Clearing Firm ID

Negative Trade Acknowledgement (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	R="1"/>	Party Role 1 = Clearing Firm
	<Pty	
	ID="trader2_id"	Trader User ID
	R="36"/>	Party Role 36 = trader user
	<Pty	
	ID="BRKR_FIRMID"	Broker Firm ID
	R="30"/>	Party Role 30 = Broker Firm
	<Pty	
	ID="broker_id"	Broker User ID
	R="62"/>	Party Role 62 = broker user
	</RptSide>	
</TrdCaptRptAck>	</TrdCaptRptAck>	
</FIXML>	</FIXML>	

Trade Status Request		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<TrdCaptRptReq	<TrdCaptRptReq	
ReqID="12345"	ReqID="12345"	
ReqTyp="1"	ReqTyp="1"	
ExecID="2022991">	ExecID="2022991">	
<Hdr TID="NYMEX" TSub="cpcapi"/>	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (attribute and value changes)
	<Pty	REQUIRED-
	ID="BRKR_FIRMID"	Broker Firm ID (not Broker Code) (new)
	R="30"/>	Party Role (new) 30 = Broker Firm
<TrdCapDt	<TrdCapDt	REQUIRED-
TrdDt="20110705"/>	TrdDt="2011-07-05"/>	Trade Date (value format change) YYYY-MM-YY
</TrdCaptRptReq>	</TrdCaptRptReq>	
</FIXML>	</FIXML>	

Trade Status Response		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<TrdCaptRpt	<TrdCaptRpt	
RptID="987654"	RptID="987654"	
ReqID="12345"	ReqID="12345"	
	TransTyp="0"	Transaction Type (new) (Always "0") 0 = New
	RptTyp="0"	Report Type (new) (Always "0") 0 = Submit
	TrdTyp="12"	Trade Type (new) 1 = Block 12 = EFS/EOO 2 = EFP 22 = OPNT 11 = EFR 23 = SUB
ExecTyp="F"	TrdRptStat="0"	Trade Report Status (attribute and value changes) 0 = Accepted (Cleared)
ExecID="2022991"	ExecID="2022991"	
TmsfrRsn="Trade submitted for clearing"		
	BizDt="2011-07-05"	Business Date (new) Clearing Date in YYYY-MM-DD format
TrdDt="2011-07-05"	TrdDt="2011-07-05"	
TxnTm="2011-07-05T11:27:22.156-05:00"	TxnTm="2011-07-05T11:27:22.156-05:00"	
LastPx="90.00"	LastPx="90.00"	
QtyTyp="2"	QtyTyp="0"	Quantity Type (value changes) 0 = Units 1 = Contracts
LastQty="1000"	LastQty="1000"	
PrevlyRpted="N"		
TotNumTrdRpts="1"	TotNumTrdRpts="1"	
LastRptReqed="Y">	LastRptReqed="Y">	
<Hdr SID="NYMEX" SSub="cpcapi"/>	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (attribute and value changes)
<Instrmt	<Instrmt	
ID="CL"	ID="CL"	
	Src="H"	ID Source (new) (Always "H") H = Clearing House
Desc="CRUDE OIL"		
CFI="FXXXX"	SecTyp="FUT"	Security Type (attribute and value changes) FUT = Future FWD = Forward MLEG = Multi-leg (Combo) OOF = Option on Future OOC = Option on Combo
Exch="NYMEX"	Exch="NYMEX"	

Trade Status Response (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
UOM="Bbl"		
SubTyp="F-EFS"		
MMY="201112"	MMY="201112"	
TmUnit="mo"/>	TmUnit="Mo"/>	Time Unit (value changes) H = Hour D = Day Mo = Month
<RptSide	<RptSide	Report Side Component
Side="1"	Side="1"	Buy Side
OrdID="12345_B"		
Ccy="USD">		
	InptSrc="BRKR"	Input Source (new) Broker Code
	InptDev="API"	Input Device (new) API UI
	CustCpcty="2">	Customer Trade Indicator (new) 1 - Initiated and executed by an individual member for his own account 2 - Entered or executed for the proprietary accounts of a member firm 4 - All other. Typically orders entered by or on behalf of nonmember entities.
	<Pty	
	R="44"	Party Role (new) 44 = Order Entry Operator
	ID="broker_id"/>	Broker User ID
<Pty	<Pty	
R="7"	R="30"	Party Role (value change) 30 = Broker Firm
ID="BRKR_FIRMID"/>	ID="BRKR_FIRMID">	Broker Firm ID
	<Sub	
	Typ="5"	Party Sub Type (new) 5 = Full Legal Name of the Firm
	ID="Brokerage Firm Name"/>	Broker Firm Legal Name
	</Pty>	
<Pty	<Pty	
R="36"	R="62"	Party Role (value change) 62 = broker user
ID="broker_id"/>	ID="broker_id">	Broker User ID
	<Sub	
	Typ="9"	Party Sub Type (new) 9 = Contact Name
	ID="Broker Name"/>	Broker User Contact Name
	</Pty>	
<Pty	<Pty	
R="12"	R="36"	Party Role (value change) 36 = trader user
ID="trader1_id"/>	ID="trader1_id">	Trader User ID
	<Sub	

Trade Status Response (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	Typ="9"	Party Sub Type (new) 9 = Contact Name
	ID="Trader1 Name"/>	Trader User Contact Name
	</Pty>	
<Pty R="4"	<Pty R="1"	Party Role (value change) 1 = Clearing Firm
ID="123"/>	ID="123">	Clearing Firm ID
	<Sub	
	Typ="5"	Party Sub Type (new) 5 = Full Legal Name of the Firm
	ID="Clearing Firm Name"/>	Clearing Firm Legal Name
	</Pty>	
<Pty R="24"	<Pty R="24"	Party Role 24 = Account
ID="ACCT1"/>	ID="ACCT1"	Account ID
	Src="C">	Party Source (new) C = Generally accepted identifier
	<Sub	
	Typ="26"	Party Sub Type (new) 26 = Account Type
	ID="2"/>	1 = Cust 2 = House
	</Pty>	
<Pty R="1"	<Pty R="7"	Party Role (value change) 7 = Trading Firm
ID="TRADINGFIRM1_ID"/>	ID="TRADINGFIRM1_ID">	Trading Firm ID
	<Sub	
	Typ="5"	Party Sub Type (new) 5 = Full Legal Name of the Firm
	ID="Trading Firm 1 Name"/>	Trading Firm Legal Name
	</Pty>	
</RptSide>	</RptSide>	
<RptSide	<RptSide	Report Side Component
Side="2"	Side="2"	Sell Side
OrdID="12345_S"		
Ccy="USD">		
	InptDev="API"	Input Source (new) Broker Code
	InptSrc="BRKR"	Input Device (new) API UI
	CustCpcty="2">	Customer Trade Indicator (new) 1 - Initiated and executed by an individual member for his own account 2 - Entered or executed for the proprietary accounts of a member firm 4 - All other. Typically orders entered by or on behalf of nonmember entities.

Trade Status Response (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
	<Pty	
	R="44"	Party Role (new) 44 = Order Entry Operator
	ID="user"/>	Broker User ID
<Pty	<Pty	
R="7"	R="30"	Party Role (value change) 30 = Broker Firm
ID="BRKR_FIRMID"/>	ID="BRKR_FIRMID"/>	Broker Firm ID
	<Sub	
	Typ="5"	Party Sub Type (new) 5 = Full Legal Name of the Firm
	ID="Brokerage Firm Name"/>	Broker Firm Legal Name
	</Pty>	
<Pty	<Pty	
R="36"	R="62"	Party Role (value change) 62 = broker user
ID="broker_id"/>	ID="broker_id"/>	Broker User ID
	<Sub	
	Typ="9"	Party Sub Type (new) 9 = Contact Name
	ID=" Broker Name"/>	Broker User Contact Name
	</Pty>	
<Pty	<Pty	
R="12"	R="36"	Party Role (value change) 36 = trader user
ID="trader2_id"/>	ID="trader2_id"/>	Trader User ID
	<Sub	
	Typ="9"	Party Sub Type (new) 9 = Contact Name
	ID="Trader2 Name"/>	Trader User Contact Name
	</Pty>	
<Pty	<Pty	
R="4"	R="1"	Party Role (value change) 1 = Clearing Firm
ID="456"/>	ID="456"/>	Clearing Firm ID
	<Sub	
	Typ="5"	Party Sub Type (new) 5 = Full Legal Name of the Firm
	ID="Clearing Firm Name"/>	Clearing Firm Legal Name
	</Pty>	
<Pty	<Pty	
R="24"	R="24"	Party Role 24 = Account
ID="ACCT2"/>	ID="ACCT2"	Account ID
	Src="C"/>	Party Source (new) C = Generally accepted identifier
	<Sub	
	Typ="26"	Party Sub Type (new) 26 = Account Type
	ID="2"/>	1 = Cust 2 = House
	</Pty>	
<Pty	<Pty	

Trade Status Response (continued)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
R="1"	R="7"	Party Role (value change) 7 = Trading Firm
ID="TRADINGFIRM2_ID"/>	ID="TRADINGFIRM2_ID">	Trading Firm ID
	<Sub	
	Typ="5"	Party Sub Type (new) 5 = Full Legal Name of the Firm
	ID="Trading Firm 2 Name"/>	Trading Firm Legal Name
	</Pty>	
</RptSide>	</RptSide>	
</TrdCaptRpt>	</TrdCaptRpt>	
</FIXML>	</FIXML>	

Trade Status Request Acknowledgement (Negative Response)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<TrdCaptRptReqAck	<TrdCaptRptReqAck	
	RptID="1310323293419"	Report ID (new)
ReqID="12345"	ReqID="123456"	
ReqTyp="5"		
ReqRslt="99"	ReqRslt="8"	Request Result (value changes) 3 = Invalid parties 8 = TradeRequestType not supported 9 = Not authorized 99 = Other
ReqStat="2"	ReqStat="2"	
Txt="The request is not supported: ReqTyp not supported: 5">	Txt="The request is not supported: Invalid ReqTyp=5">	
<Hdr SID="NYMEX" SSub="cpcapi"/>	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (attribute and value changes)
</TrdCaptRptReqAck>	</TrdCaptRptReqAck>	
</FIXML>	</FIXML>	

Trade Void Submission		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<TrdCaptRpt	<TrdCaptRpt	
RptID="VOIDRPTID1013-1"	RptID="VOIDRPTID1013-1"	
TransTyp="1"	TransTyp="1"	
RptTyp="0"		
ExecID="2284788">	ExecID="2284788">	
<Hdr TID="NYMEX" TSub="cpcapi"/>	<Hdr SID="BRKR" SSub="user" TID="CME" TSub="CPAPI"/>	Header component (attribute and value changes)
	<Instrmt	Instrument component (new)
	Exch="NYMEX"/>	-REQUIRED- Product Exchange (new)
	<RptSide	Report Side component (new)
	Side="1"	-REQUIRED- Buy Side Indicator (new)
	InptSrc="RCBK"/>	-REQUIRED- Input Source (new) Broker Code
	<RptSide	Report Side component (new)
	Side="2"	-REQUIRED- Sell Side Indicator (new)
	InptSrc="RCBK"/>	-REQUIRED- Input Source (new) Broker Code
</TrdCaptRpt>	</TrdCaptRpt>	
</FIXML>	</FIXML>	

Trade Void Submission Acknowledgement (Positive)		
Legacy ClearPort API (v1.1 and v1.2)	ClearPort API v2.0	Notes
<FIXML v="4.4" s="20040109" r="20030618">	<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">	FIXML component (attribute and value changes)
<TrdCaptRptAck	<TrdCaptRptAck	
RptID="VOIDRPTID1013-1"	RptID="VOIDRPTID1013-1"	
	RptTyp="0"	Report Type (new) (Always "0") 0 = Submit
TransTyp="1"	TransTyp="1"	
ExecTyp="H"		
ExecID="2284788"	ExecID="2284788"	
	TrdAckStat="0"	
TrdRptStat="0">	TrdRptStat="2">	
<Hdr SID="NYMEX" SSub="cpcapi"/>	<Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user"/>	Header component (attribute and value changes)
</TrdCaptRptAck>	</TrdCaptRptAck>	
</FIXML>	</FIXML>	

