MCX (Marine Corps Exchange) 511 Requisition

X12/V4010/511: 511 Requisition

Created: 3/12/2015 Modified: 3/12/2015

Notes:

511 Requisition

Functional Group= RN

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Requisition Transaction Set (511) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to requisition needed material and equipment from a supply distribution system for immediate consumption or stockage against projected requirements. The originator can also use this transaction set to inquire about the status of, amend, or terminate the original requisition. This transaction set may be used to convey a description and quantity of the required material, delivery and billing information, and other logistics information necessary to evaluate and meet the material needs of the originator. This transaction set is not used to establish a contractual relationship between trading partners, and may precede the use of a purchase order.

Heading:

<u>Pos</u>	<u>ld</u>	Segment Name	Req	Max Use	Repeat	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	М	1			Must use
020	BR	Beginning Segment for Material Management	М	1			Must use
LOOP	<u>ID - N1</u>				<u>20</u>	N1/070L	
070	N1	Name	М	1		N1/070	Must use
090	N3	Address Information	0	1			Used
100	N4	Geographic Location	0	1			Used

Detail:

<u>Pos</u>	<u>ld</u>	Segment Name	Req	Max Use	Repeat	<u>Notes</u>	<u>Usage</u>
LOOP	ID - LX				<u>>1</u>		
010	LX	Assigned Number	M	1			Must use
020	N9	Reference Identification	M	>1			Must use
030	PO1	Baseline Item Data	0	>1			Used
080	G62	Date/Time	M	20			Must use
LOOP	ID - LM				<u>50</u>		
130	LM	Code Source Information	0	1			Used
140	LQ	Industry Code	М	100			Must use
LOOP	ID - N1				<u>100</u>	N2/180L	
180	N1	Name	0	1		N2/180	Used
200	N3	Address Information	0	1			Used
210	N4	Geographic Location	0	1			Used
215	G61	Contact	0	5			Used
LOOP	<u>ID - FA1</u>				<u>>1</u>		
285	FA1	Type of Financial Accounting Data	0	1			Used
286	FA2	Accounting Data	M	>1			Must use
290	SE	Transaction Set Trailer	М	1			Must use

Notes:

1/070L The N1 loop identifies name and or address information common to the entire transaction set.

1/070 The N1 loop identifies name and or address information common to the entire transaction set.

2/180L The N1 loop identifies the name and address information unique to each use of the LX loop.

2/180 The N1 loop identifies the name and address information unique to each use of the LX loop.

ST Transaction Set Header

Pos: 010 Max: 1 Heading - Mandatory Loop: N/A Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>	
ST01	143	Transaction Set Identifier Code	М	ID	3/3	Must use	
	Description: Code uniquely identifying a Transaction Set						
	CodeList Summary (Total Codes: 298, Included: 1)						
		Code Name					
		511 Requisition					
ST02	329	Transaction Set Control Number	М	AN	4/9	Must use	
		Description: Identifying control number that functional group assigned by the originator to		•		saction set	

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BR Beginning Segment for Material Management

Pos: 020 Max: 1 Heading - Mandatory Loop: N/A Elements: 4

User Option (Usage): Must use

Purpose: To indicate the beginning of a material management transaction and transmit identifying numbers and dates

Element Summary:

<u>Ref</u> BR01	<u>ld</u> 353	Element Name Transaction Set Purpose Code	Req M	Type ID	Min/Max 2/2	<u>Usage</u> Must use		
		Description: Code identifying purpose of transaction set						
		CodeList Summary (Total Codes: 65, Incl Code Name Original	uded: 1)					
BR02	640	Transaction Type Code	М	ID	2/2	Must use		
		Description: Code specifying the type of transaction						
		CodeList Summary (Total Codes: 446, Inc. Code Name A0 Requisition	cluded: 1)				
BR03	373	Date	М	DT	8/8	Must use		
		Description: Date expressed as CCYYMN	/IDD					
BR09	337	Time	0	TM	4/8	Used		

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Syntax Rules:

- 1. C0504 If BR05 is present, then BR04 is required.
- 2. P0708 If either BR07 or BR08 is present, then the other is required.
- 3. P1011 If either BR10 or BR11 is present, then the other is required.

Semantics:

- 1. BR03 is the date of the transaction set preparation.
- 2. BR09 is the time of the transaction set preparation

Loop Name

Pos: 070 Repeat: 20 Mandatory

Loop: N1 Elements: N/A

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
070	N1	Name	М	1		Must use
090	N3	Address Information	0	1		Used
100	N4	Geographic Location	0	1		Used

N1 Name

Pos: 070 Max: 1 Heading - Mandatory Loop: N1 Elements: 4

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>		
N101	98	Entity Identifier Code	М	ID	2/3	Must use		
		Description: Code identifying an organizational entity, a physical location, property or an individual						
		CodeList Summary (Total Codes: 1312, In	ncluded:	1)				
		Code Name						
		OB Ordered By						
N102	93	Name	0	AN	1/60	Used		
		Description: Free-form name						
N103	66	Identification Code Qualifier	М	ID	1/2	Must use		
		Description: Code designating the system Code (67)	/method	of code	structure used	for Identification		
		CodeList Summary (Total Codes: 215, Inc	cluded: 1	1)				
		Code Name						
		10 Department of Defense Activity Add	ress Co	de (DOD	AAC)			
N104	67	Identification Code	М	AN	2/80	Must use		
		Description: Code identifying a party or ot	her code	9				

Syntax Rules:

- 1. R0203 At least one of N102 or N103 is required.
- 2. P0304 If either N103 or N104 is present, then the other is required.

Comments:

- This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2. N105 and N106 further define the type of entity in N101.

N3 Address Information

Pos: 090 Max: 1 Heading - Optional Loop: N1 Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	Ο	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 100 Max: 1 Heading - Optional Loop: N1 Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
N401	19	City Name	М	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	State or Province Code	М	ID	2/2	Must use
		Description: Code (Standard State/Proving agency	ce) as d	efined by	appropriate g	overnment
N403	116	Postal Code	М	ID	3/15	Must use
		Description: Code defining international poblanks (zip code for United States)	ostal zoı	ne code e	excluding punc	tuation and
N404	26	Country Code	0	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

- 1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
- 2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop Assigned Number

Pos: 010 Repeat: >1 Mandatory

Loop: LX Elements: N/A

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
010	LX	Assigned Number	M	1		Must use
020	N9	Reference Identification	M	>1		Must use
030	PO1	Baseline Item Data	0	>1		Used
080	G62	Date/Time	M	20		Must use
130		Loop LM	M		50	Must use
180		Loop N1	0		100	Used
285		Loop FA1	0		>1	Used

LX Assigned Number

Pos: 010 Max: 1
Detail - Mandatory
Loop: LX Elements: 1

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Element Summary:

Ref	<u>ld</u>	Element Name	<u>Req</u>	Type	Min/Max	<u>Usage</u>
LX01	554	Assigned Number	М	N0	1/6	Must use

Description: Number assigned for differentiation within a transaction set

N9 Reference Identification

Pos: 020 Max: >1
Detail - Mandatory
Loop: LX Elements: 2

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>		
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use		
		Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 2)								
		Code Name						
		AN Associated Purchase Orders						
		TN Transaction Reference Number						
N902	127	Reference Identification	М	AN	1/30	Must use		
		Description: Reference information as defi specified by the Reference Identification Qu		a particu	lar Transaction	n Set or as		

Syntax Rules:

- 1. R0203 At least one of N902 or N903 is required.
- 2. C0605 If N906 is present, then N905 is required.

Semantics:

- 1. N906 reflects the time zone which the time reflects.
- 2. N907 contains data relating to the value cited in N902.

PO1 Baseline Item Data

Pos: 030 Max: >1 Detail - Optional Loop: LX Elements: 6

User Option (Usage): Used

Purpose: To specify basic and most frequently used line item data

Element Summary:

<u>Ref</u> PO101	<u>ld</u> 350	Element Name Assigned Identification	<u>Req</u> O	<u>Type</u> AN	Min/Max 1/20	<u>Usage</u> Used
		Description: Alphanumeric characters assi	gned fo	r differen	tiation within a	transaction set
PO102	330	Quantity Ordered	М	R	1/15	Must use
		Description: Quantity ordered				
PO103	355	Unit or Basis for Measurement Code	М	ID	2/2	Must use
	Description: Code specifying the units in which a value is being expressed, or mann which a measurement has been taken					
	CodeList Summary (Total Codes: 794, Included: 1)					
		Code Name EA Each				
PO104	212	Unit Price	0	R	1/17	Used
		Description: Price per unit of product, servi	ice, com	nmodity,	etc.	
PO106	235	Product/Service ID Qualifier	М	ID	2/2	Must use
		Description: Code identifying the type/sour Product/Service ID (234)	ce of th	e descrip	tive number us	sed in
		CodeList Summary (Total Codes: 477, Inc	luded: 1)		
		Code Name FS National Stock Number				
PO107	234	Product/Service ID	М	AN	1/48	Must use
		Description: Identifying number for a produ	ıct or se	rvice		

Syntax Rules:

- 1. C0302 If PO103 is present, then PO102 is required.
- 2. C0504 If PO105 is present, then PO104 is required.
- 3. P0607 If either PO106 or PO107 is present, then the other is required.
- 4. P0809 If either PO108 or PO109 is present, then the other is required.
- 5. P1011 If either PO110 or PO111 is present, then the other is required.
- 6. P1213 If either PO112 or PO113 is present, then the other is required.
- 7. P1415 If either PO114 or PO115 is present, then the other is required.
- 8. P1617 If either PO116 or PO117 is present, then the other is required.
- 9. P1819 If either PO118 or PO119 is present, then the other is required.
- 10. P2021 If either PO120 or PO121 is present, then the other is required.
- 11. P2223 If either PO122 or PO123 is present, then the other is required.
- 12. P2425 If either PO124 or PO125 is present, then the other is required.

Comments:

- 1. See the Data Element Dictionary for a complete list of IDs.
- 2. PO101 is the line item identification.
- 3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

G62 Date/Time

Pos: 080 Max: 20 Detail - Mandatory Loop: LX Elements: 2

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
G6201	432	Date Qualifier	М	ID	2/2	Must use
		Description: Code specifying type of date				
		CodeList Summary (Total Codes: 137, Inc	luded: 1)		
		Code Name				
		BD Required By				
G6202	373	Date	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.

2. P0102 - If either G6201 or G6202 is present, then the other is required.

3. P0304 - If either G6203 or G6204 is present, then the other is required.

Loop Code Source Information

Pos: 130 Repeat: 50 Mandatory

Loop: LM Elements: N/A

User Option (Usage): Must use

Purpose: To transmit standard code list identification information

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
130	LM	Code Source Information	0	1		Used
140	LQ	Industry Code	М	100		Must use

LM Code Source Information

Pos: 130 Max: 1
Detail - Optional
Loop: LM Elements: 2

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>			
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use			
		Description: Code identifying the agency assigning the code values							
		CodeList Summary (Total Codes: 176, Included: 1)							
		Code Name							
		DF Department of Defense (DoD)							
LM02	822	Source Subqualifier	0	AN	1/15	Used			
		Description: A reference that indicates the	table o	r text mai	intained by the	Source Qualifier			

Comments:

1. LM02 identifies the applicable industry code list source information.

LQ Industry Code

Pos: 140 Max: 100 Detail - Mandatory Loop: LM Elements: 2

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Element Summary:

<u>Ref</u>	<u>ld</u>	ement Name Req Type Min/Max	<u>Usage</u>
LQ01	1270	ode List Qualifier Code O ID 1/3	Used
		escription: Code identifying a specific industry code list	
		odeList Summary (Total Codes: 558, Included: 5)	
		ode Name	
		Document Identification Code	
		Priority Designator Code	
		Supplemental Data	
		E Signal Code	
		F Media and Status Code	
LQ02	1271	dustry Code X AN 1/30	Used

Description: Code indicating a code from a specific industry code list

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Loop Name

Pos: 180 Repeat: 100

Optional

Loop: N1 Elements: N/A

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
180	N1	Name	0	1		Used
200	N3	Address Information	0	1		Used
210	N4	Geographic Location	0	1		Used
215	G61	Contact	0	5		Used

N1 Name

Pos: 180 Max: 1 Detail - Optional Loop: N1 Elements: 5

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>			
N101	98	Entity Identifier Code	М	ID	2/3	Must use			
		Description: Code identifying an organizat individual	Description: Code identifying an organizational entity, a physical location, property or an individual						
		CodeList Summary (Total Codes: 1312, Ir	cluded:	3)					
		<u>Code</u> <u>Name</u>							
		BT Bill-to-Party							
		ST Ship To Z4 Owning Inventory Control Point							
N102	02	Name	0	AN	1/60	Used			
N 102	93		O	AIN	1/00	Used			
		Description: Free-form name							
N103	66	Identification Code Qualifier	M	ID	1/2	Must use			
		Description: Code designating the system/method of code structure used for Identification Code (67)							
		CodeList Summary (Total Codes: 215, Inc Code Name	luded: 1	1)					
		10 Department of Defense Activity Add	ress Co	de (DOD	AAC)				
N104	67	Identification Code	М	AN	2/80	Must use			
		Description: Code identifying a party or other	ner code	Э					
N106	98	Entity Identifier Code	0	ID	2/3	Used			
		Description: Code identifying an organizational entity, a physical location, property or an individual							
		CodeList Summary (Total Codes: 1312, Ir	cluded:	1)					
		Code Name							
		TO Message To							

Syntax Rules:

- 1. R0203 At least one of N102 or N103 is required.
- 2. P0304 If either N103 or N104 is present, then the other is required.

Comments:

- 1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2. N105 and N106 further define the type of entity in N101.

N3 Address Information

Pos: 200 Max: 1
Detail - Optional
Loop: N1 Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	0	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 210 Max: 1
Detail - Optional
Loop: N1 Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
N401	19	City Name	М	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	State or Province Code	М	ID	2/2	Must use
		Description: Code (Standard State/Proving agency	ce) as d	efined by	appropriate g	overnment
N403	116	Postal Code	М	ID	3/15	Must use
		Description: Code defining international poblanks (zip code for United States)	ostal zoi	ne code e	excluding punc	tuation and
N404	26	Country Code	0	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

- 1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
- 2. N402 is required only if city name (N401) is in the U.S. or Canada.

G61 Contact

Pos: 215 Max: 5
Detail - Optional
Loop: N1 Elements: 5

User Option (Usage): Used

Purpose: To identify a person or office to whom communications should be directed

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
G6101	366	Contact Function Code	M	ID	2/2	Must use
		Description: Code identifying the major do named All valid standard codes are used. (Total	•	•	ty of the perso	n or group
G6102	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
G6103	365	Communication Number Qualifier	Х	ID	2/2	Used
		Description: Code identifying the type of call valid standard codes are used. (Total			umber	
G6104	364	Communication Number	Χ	AN	1/80	Used
		Description: Complete communications n applicable	umber ir	ncluding o	country or area	code when
G6105	443	Contact Inquiry Reference	0	AN	1/20	Used
		Description: Additional reference number	or desci	ription to	clarify a conta	ct number

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

Loop Type of Financial Accounting Data

Pos: 285 Repeat: >1 Optional Loop: FA1 Elements: N/A

User Option (Usage): Used

Purpose: To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
285	FA1	Type of Financial Accounting Data	0	1		Used
286	FA2	Accounting Data	M	>1		Must use

FA1 Type of Financial Accounting Data

Pos: 285 Max: 1 Detail - Optional Loop: FA1 Elements: 2

User Option (Usage): Used

Purpose: To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>	
FA101	559	Agency Qualifier Code	М	ID	2/2	Must use	
		Description: Code identifying the agency a	ssignin	g the cod	e values		
		CodeList Summary (Total Codes: 176, Inc	luded: 1)			
		Code Name					
		DN Department of the Navy					
FA102	1300	Service, Promotion, Allowance, or Charge Code	0	ID	4/4	Used	
		Description: Code identifying the service, promotion, allowance, or charge					
		CodeList Summary (Total Codes: 1053, Included: 1)					
		Code Name					
		D340 Goods and Services Charge					

Semantics:

- 1. FA101 Identifies the organization controlling the assignment of financial accounting information.
- 2. FA102 Identifies the purpose of the accounting allowance or charge information.

FA2 Accounting Data

Pos: 286 Max: >1 Detail - Mandatory Loop: FA1 Elements: 2

User Option (Usage): Must use

Purpose: To specify the detailed accounting data

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
FA201	1196	Breakdown Structure Detail Code	М	ID	2/2	Must use
		Description: Codes identifying details relat	ing to a	reporting	g breakdown st	tructure tree
		CodeList Summary (Total Codes: 166, Inc	luded: 1)		
		Code Name				
		B5 Fund Code				
FA202	1195	Financial Information Code	М	AN	1/80	Must use

Description: Code representing financial accounting information

SE Transaction Set Trailer

Pos: 290 Max: 1 Detail - Mandatory Loop: N/A Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
SE01	96	Number of Included Segments	М	N0	1/10	Must use
		Description: Total number of segments inconsegments	cluded ir	n a transa	action set inclu	ding ST and SE
SE02	329	Transaction Set Control Number	М	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.