



Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003050 Transaction Set 196 Contractor Cost Data Reporting

Implementation Convention



U.S. DEPARTMENT OF COMMERCE
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¹ At Boulder, CO 80303.

² Some elements at Boulder, CO.

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Standard Management Committee - Secretariat
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The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

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196 Contractor Cost Data Reporting

Functional Group ID=**PK**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Contractor Cost Data Reporting Transaction Set (196) for use within an Electronic Data Interchange (EDI) environment. This transaction set can be used to support contractor cost reporting requirements for actual costs and estimates at completion associated with major research and development (R&D) and production contracts or programs. This includes nonrecurring and recurring costs by work breakdown structure elements summarizing all activities on a contract or proposal; non recurring and recurring functional cost or hour categories for selected work breakdown structure elements; progress curve (learning curve) information detailing unit or average lot data by functional cost or hour categories; and summary contractor business base information such as indirect expenses, rates, and resources. This information can be used to evaluate contractor proposals, make cost projections of a given program, develop historical data bases to develop statistical techniques, and make independent cost analysis of new acquisitions. This transaction set can be used to convey proposed, initial, progress, updated, or final (end of contract) cost information.

Notes:

1. The 196 Transaction Set is designed to support the Contractor Cost Data Reporting (CCDR) or 1921 series of formats for the Department of Defense (DoD). The four formats are the Cost Data Summary Report (DD Form 1921), the Functional Cost and Hour Report (DD Form 1921-1), the Progress Curve Report (DD Form 1921-2), and the Plant Wide Data Report (DD Form 1921-3). For specific information about the report formats and the data that needs to be conveyed in these reports, obtain a copy of the CCDDR handbook titled "Acquisition Management, Contractor Cost Data Reporting (CCDDR) System" (NAVMAT P-5241, AMCP 715-8, AFLCP 800-15, AFSCP 800-15) from the contracting officer or government publications office. This handbook is needed for specific instructions and data requirement references.

2. A single transaction set may contain one or more of the Contractor Cost Data Report formats. Refer to the implementation notes throughout this convention for more information about the specific requirements for each report format.

3. This implementation convention is designed to be used when a Contract Data Requirements List (CDRL) for a given contract specifies the Contractor Cost Data Report formats. The approved CCDDR Plan defines the data content and report requirements. This convention assumes the data will be moving in one direction only - from the contractor or organization performing the work on a contract to the government customer.

4. There are two appendices for this implementation convention. The example appendix provides additional reference information on how this transaction set is used to exchange data electronically for all four CCDDR formats. The other appendix includes a series of tables that provides cross reference details on how to use the 196 transaction set for each report format. This includes a Contractor Cost Data Report Segment and Data Element Matrix table, an HL Levels and CLI Segment Map, and a Contractor Cost Data Report DD Forms 1921 Forms Cross Reference table.

Heading:

	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BCM	Beginning Segment for Contractor Cost Data Reporting	M	1		
	030	DTP	Date or Time or Period	O	>1		
	040	REF	Reference Numbers	O	>1		

			LOOP ID - NI		>1
Must Use	060	N1	Name	M	1
	070	N2	Additional Name Information	O	2
	080	N3	Address Information	O	2
	090	N4	Geographic Location	O	1
			LOOP ID - G61		>1
Must Use	100	G61	Contact	O	1
Must Use	110	DTM	Date/Time Reference	O	>1

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - HL			>1	
Must Use	010	HL	Hierarchical Level	M	1		
	020	CRT	Contractor Report Type	O	1		
	030	BSD	Breakdown Structure Description	O	1		
	040	CLI	Cost Line Item	O	1		
	050	CAL	Calendar	O	1		
	060	REF	Reference Numbers	O	>1		
	070	AMT	Monetary Amount	O	>1		
	080	QTY	Quantity	O	>1		
	090	RPA	Rate Amounts or Percents	O	>1		
	100	PCT	Percent Amounts	O	>1		
	110	DTM	Date/Time Reference	O	>1		
	120	PID	Product/Item Description	O	>1		
	130	MEA	Measurements	O	>1		
	140	MSG	Message Text	O	>1		
			LOOP ID - PD			>1	
Not Used	150	PD	Pricing Data	O	1		
Not Used	160	REF	Reference Numbers	O	>1		
Not Used	170	PDD	Pricing Data Detail	O	>1		
Not Used	180	MSG	Message Text	O	>1		
Must Use	200	SE	Transaction Set Trailer	M	1		

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 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).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 196 X12.280 Contractor Cost Data Reporting	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set or by the originator's application program. This number is the same as the number in SE02.</i>	M AN 4/9

Segment: **BCM** Beginning Segment for Contractor Cost Data Reporting

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of the contractor cost data reports and transmit identifying numbers, descriptions, action codes, program and contract type, funding identification, and security level

Syntax Notes: 1 At least one of BCM04 or BCM05 is required.

Semantic Notes: 1 BCM02 is the transaction set effective date.
2 BCM03 is the report effective date.
3 BCM05 is used to describe the report.
4 BCM08 is used to describe other unlisted program types.

Comments:

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
Must Use	BCM01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	M ID 2/2
			00 Original <i>This code is typically used for a new or ongoing contract.</i>	
			05 Replace <i>Use this code to over write any previously transmitted data (i.e., old data is deleted and new data is entered into the database).</i>	
			22 Information Copy <i>Use this code when directed to send information copies to named parties on a specified distribution list.</i>	
Must Use	BCM02	373	Date Date (YYMMDD)	M DT 6/6
			<i>Enter the date the data report was created. This date is used for reference purposes only.</i>	
Must Use	BCM03	373	Date Date (YYMMDD)	M DT 6/6
			<i>1. Enter the as of date for the CCDR report. When more than one CCDR format is required (for example, the DD Forms 1921, 1921-1 and 1921-2 are sent at the same time), this as of date should be the same for all report formats.</i>	
			<i>2. Enter the Report Ending date for the DD Form 1921-2.</i>	
			<i>3. Enter the Report Period Ending date for the DD Form 1921-3.</i>	
	BCM04	367	Contract Number Contract number	X AN 1/30
			<i>This contract number is required for the DD Forms 1921, 1921-1, and 1921-2 for current or existing contracts.</i>	

BCM05	369	Free-form Description	X	AN 1/45
		Free-form descriptive text		
		<i>This program name or title is required for the DD Forms 1921, 1921-1, and 1921-2. For the DD Form 1921-3, enter text "Plant Wide Report".</i>		
BCM06	1308	Contract Action Code	O	ID 2/2
		Code identifying the expected resultant type of contract action or current type of contract action		
		<i>This is required for the DD Forms 1921 and 1921-1 and applies to all information conveyed in the 196 transaction set.</i>		
		CO	Existing Contract	
		PE	Program Estimate	
		<i>If the Program Estimate is for a proposal, include the RFP number in the REF (Reference) segment (1/REF/040). If the Program Estimate is for work beyond the current contract requirements, include the Contract Number (BCM04).</i>		
		RP	Request for Proposal	
BCM07	1193	Program Type Code	O	ID 2/2
		Codes identifying a program type		
		<i>This is required for the DD Forms 1921 and 1921-1 and applies to all information conveyed in the 196 transaction set.</i>		
		01	Research, Development, Test & Evaluation (RDT&E)	
		04	Other	
		05	Procurement	
BCM08	369	Free-form Description	O	AN 1/45
		Free-form descriptive text		
		<i>Enter the appropriation title when BCM07 is code 04 for other appropriations.</i>		
BCM09	1198	Contracting Funding Code	O	ID 2/2
		Code identifying the funding type		
		<i>This code is required for the DD Forms 1921, 1921-1, and 1921-2.</i>		
		01	Multi-Year Procurement	
			Contract procurement that extends beyond one year	
		02	Incrementally Funded Contract (INC)	
			Contract funded in increments based on agreed performance criteria	
		03	Contract for a Single Year (SYC)	
			Funding for a contract for a single, specific year	
BCM10	1166	Contract Type Code	O	ID 2/2
		Code identifying a contract type		
		<i>This code is required for the DD Form 1921. When code OC for Other Contract Type is used, describe the type of contract using the REF (Reference) segment (1/REF/040).</i>		
		CH	Cost Sharing	

CP	Cost Plus
CW	Cost Plus Award Fee
CX	Cost Plus Fixed Fee
CY	Cost Plus Incentive Fee
FD	Fixed Price Redetermination
FE	Fixed Price with Escalation
FI	Fixed Price Incentive
FR	Firm Fixed Price
FX	Fixed Price with Economic Price Adjustment
OC	Other Contract Type

A type of contract which is neither covered by an existing code nor previously mutually defined

Use this code for other, non listed contract types or when there is a mixture of contract types.

BCM11 786 Security Level Code O ID 2/2

Code indicating the level of confidentiality assigned by the sender to the information following

All data conveyed in the 196 Transaction Set is assumed to be government non-classified information and company proprietary information (use code 11). As an option, a contractor may want to make an entry to indicate that the data is supplier proprietary (code 06) when supplier data is submitted separately. This security level reference applies to all information conveyed in the 196 transaction set. All other security data elements in this transaction set are marked as not used.

06	Supplier Proprietary
11	Competition Sensitive

Not Used BCM12 100 Currency Code O ID 3/3
Code (Standard ISO) for country in whose currency the charges are specified

Segment: **DTP** Date or Time or Period
Position: 030
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify any or all of a date, a time, or a time period
Syntax Notes:
Semantic Notes: 1 DTP02 is the date or time or period format that will appear in DTP03.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTP01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	M ID 3/3
			581 Contract Period <i>This code is used to convey the fiscal years over which the contract is funded (the Funding Years reference) for the DD Forms 1921, 1921-1, and 1921-2. This information is required for these forms.</i>	
			582 Report Period <i>This code is used to convey the funded fiscal year(s) that the report represents when there are contract options (the Fiscal Year(s) Funded reference) for the DD Forms 1921, 1921-1, and 1921-2. This information is required when applicable for these forms.</i>	
Must Use	DTP02	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	M ID 2/3
			RD4 Range of Years Expressed in Format CCYY-CCYY <i>Use this code when there is more than one fiscal year.</i>	
			YY Last Two Digits of Year Expressed in Format CCYY The year in the century (00 to 99) <i>Use this code when the fiscal year reference is for a single year.</i>	
Must Use	DTP03	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	M AN 1/35

Segment: **REF** Reference Numbers
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

Use this REF segment to convey reference information that applies to the entire 196 transaction set. For specific report, reporting element, or line item references, use the REF segment in Table 2.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
			2G Amendment <i>Use this code for the DD Forms 1921, 1921-1, and 1921-2.</i>	
			39 Proposal Number	
			55 Sequence Number <i>Use this code to provide a unique reference number for this Contractor Cost Data Reporting (196) transaction set. Enter the unique reference number for this transaction set in REF02. Use this code only one time for each 196 transaction set.</i>	
			CT Contract Number <i>Use this code when BCM10 (Contract Type Code) is code OC for Other Contract Type.</i>	
REF02		127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>Enter the Amendment or Proposal number when REF01 is code 2G or 39. Enter the unique reference number for this transaction set when REF01 is code 55.</i>	X AN 1/30
REF03		352	Description A free-form description to clarify the related data elements and their content <i>Enter the description of the other contract type or mixture of contract types when REF01 is code CT. This is used when BCM10 is used to indicate Other Contract Types (code OC).</i>	X AN 1/80

Segment: N1 Name
Position: 060
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
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.
Notes: *Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2, N3, and N4 as applicable when this information cannot be provided by using one of the codes listed in N103.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		28 Subcontractor	
		MP Manufacturing Plant	
		<i>Use this code for the DD Form 1921-3 to identify the specific contractor plant or division that the report applies to. If possible, identify by using one of the codes in N103. Enter the company name in N102 and the division or plant name in the N2 segment if this information cannot be provided by using one of the codes in N103. This information is required for DD Form 1921-3.</i>	
		PG Prime Contractor	
		<i>Typically, this code is used for the reporting contractor. In the event a subcontractor is reporting separately, the subcontractor should use code 28.</i>	
		SU Supplier/Manufacturer	
		<i>Use this code to indicate an associate (to a Prime) contractor. Typically this is a contractor teamed with a Prime Contractor.</i>	
		TO Message To	
		<i>Use this code to identify the organization receiving the data.</i>	
		ZD Party to Receive Reports	
		The organization designated to receive reports	
		<i>Use this code to identify the organization that receives an information copy of the data.</i>	

	N102	93	Name	X	AN 1/35
			Free-form name		
	N103	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			1 D-U-N-S Number, Dun & Bradstreet		
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			10 Department of Defense Activity Address Code (DODAAC)		
			33 Commercial and Government Entity (CAGE)		
	N104	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
Not Used	N105	706	Entity Relationship Code	O	ID 2/2
			Code describing entity relationship		
Not Used	N106	98	Entity Identifier Code	O	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		

Segment: **N2** Additional Name Information
Position: 070
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes:

This segment should only be used when N102 is used and it is necessary to provide additional name information. Enter the division or plant name in this segment when the information cannot be provided by using one of the codes listed in N103. The division or plant name is required for the DD Form 1921-3.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: N3 Address Information
Position: 080
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

This segment should only be used when N102 is used.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment: **N4 Geographic Location**
Position: 090
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
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 USA or Canada.
Notes: *This segment should only be used when N102 is used.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	N401	19 City Name Free-form text for city name	O AN 2/30
Must Use	N402	156 State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
Must Use	N403	116 Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
	N404	26 Country Code Code identifying the country	O ID 2/3
Not Used	N405	309 Location Qualifier Code identifying type of location	X ID 1/2
Not Used	N406	310 Location Identifier Code which identifies a specific location	O AN 1/30

Segment: **G61** Contact
Position: 100
Loop: G61 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a person or office to whom communications should be directed
Syntax Notes: 1 If either G6103 or G6104 is present, then the other is required.
Semantic Notes:
Comments: 1 G6103 qualifies G6104.
Notes: *At least one repetition of the G61 segment is required per transaction set to identify a contact person for the report.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named PP Program Manager <i>Use this code to identify the receiving Program Manager or Program Office if applicable. This code is optional.</i> PU Report Preparer <i>This code is required. Use this code to identify the contact person for the report.</i>	M ID 2/2
Must Use	G6102	93	Name Free-form name <i>Enter the name of the person. Provide the last name, first name, and middle initial if available. Include blank spaces between name components and periods after initials. Omit the comma between the last name and first name.</i>	M AN 1/35
Must Use	G6103	365	Communication Number Qualifier Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Must Use	G6104	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80
	G6105	443	Contact Inquiry Reference Additional reference number or description to clarify a contact number <i>Use this data element to enter the title of person named in G6102. This is optional information.</i>	O AN 1/20

Segment: **DTM** Date/Time Reference
Position: 110
Loop: G61 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:
Notes: *This segment is required.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 275 Approved Date report was approved by contractor representative <i>Use this code to indicate the date the report was "signed" and approved for transmission by the report preparer.</i>	M ID 3/3
Must Use	DTM02	373	Date Date (YYMMDD)	X DT 6/6
Not Used	DTM03	337	Time 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)	X TM 4/8
Not Used	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
	DTM05	624	Century The first two characters in the designation of the year (CCYY)	O N0 2/2
Not Used	DTM06	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X ID 2/3
Not Used	DTM07	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment:	HL Hierarchical Level
Position:	010
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments
Syntax Notes:	
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 The HL segment defines a top-down/left-right ordered structure. 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction. 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate. 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information. 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.
Notes:	<i>The HL segment is used in combination with the other segments in Table 2 to convey the information in the DD 1921 forms. The HL codes identify the various levels or groupings of data in a given report format. HL01 and HL02 are used to identify the relationships or hierarchy of the information conveyed.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	HL01	628 Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure <i>Sequential number to identify the item.</i>	M AN 1/12
	HL02	734 Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to <i>1. This Parent ID Number is not required at the originating top level for a given transmission. There should only be one originating top level HL entry per transmission.</i> <i>2. This Parent ID Number reference is required for all lower level HL records. Enter the Hierarchical ID Number (HL01) entered for the related (one level above or parent) HL record in this data element.</i>	O AN 1/12
Must Use	HL03	735 Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure <i>1. Use codes RP, WB, and CE for the DD Form 1921.</i> <i>2. Use codes RP, WB, FC, 5, and C for the DD Form 1921-1.</i> <i>3. Use codes RP, WB, I, UT, and FC for the DD Form 1921-2.</i>	M ID 1/2

4. Use codes RP, 9, FC, and C for the DD Form 1921-3.

5	<p>Category</p> <p>Code identifying the sub-division of the group</p> <p><i>Use for the DD Form 1921-1, Section C and D. Categories for this form, Section C and D are defined as functional categories such as engineering, tooling, quality control, and manufacturing. These categories are defined in the CLI (Cost Line Item) segment.</i></p>
9	<p>Line Detail</p> <p>Code identifying the supporting detail associated with the charge or group</p> <p><i>Use for the DD Form 1921-3. This is used to identify a specific line number for Sections A and B on the form.</i></p>
C	<p>Date</p> <p><i>Use for the DD Forms 1921-1 and 1921-3.</i></p>
CE	<p>Cost Element</p> <p>A element of cost within a total proposed price</p> <p><i>Use for the DD Form 1921. A Cost Element for this form is defined a category of cost such as recurring or non-recurring costs. These cost elements may be further broken down by contractor or subcontractor references in the CLI (Cost Line Item) segment.</i></p>
FC	<p>Function Code</p> <p>A function within a larger set describing the total work to be performed</p> <p><i>Use for the DD Forms 1921-1, 1921-2, and 1921-3. Functional Categories for these forms are defined as functional groups such a manufacturing, tooling, quality control, and engineering. It may also be used to identify a contractor or subcontractor category reference. These Functional Categories are defined in the CLI (Cost Line Item) segment.</i></p>
I	<p>Item</p> <p><i>Use for the DD Form 1921-2. This is used to identify the item (column) reference on this form and is used in combination with the CLI (Cost Line Item) segment.</i></p>
RP	<p>Report</p> <p>The level of the hierachial structure used to identify basic report information</p> <p><i>Use for all the report forms. This is the highest reporting level (or parent) for all the forms and is used in combination with the CRT (Contractor Report Type) segment.</i></p>
UT	<p>Unit or Lot</p> <p><i>Use for the DD Form 1921-2. This is used to identify</i></p>

the unit or column references for this form and is used in combination with the CLI (Cost Line Item) segment. It is subordinate to the Item (HL03 is I) HL reference.

WB

Work Breakdown Structure

An individual element of work portrayed in tree structure stages of the total performance of a contract

Use for the DD Form 1921, 1921-1, 1921-2. This is used to identify the reporting element and is used in combination with the BSD (Breakdown Structure Description) segment. Note that the combination of HL and BSD can be used to describe the hierarchy of the Work Breakdown Structure codes.

Not Used

HL04

736

Hierarchical Child Code

O ID 1/1

Code indicating whether if there are hierarchical child data segments subordinate to the level being described.

Segment: **CRT** Contractor Report Type
Position: 020
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the contractor report type, type of units reported, status information, and related reporting details

- Syntax Notes:**
- Semantic Notes:**
- 1 CRT02 indicates the unit type used for monetary amounts (for example, values are in thousands) for the entire report.
 - 2 CRT03 indicates unit type for quantities (for example, quantities in thousands) for the entire report.
 - 3 CRT06 indicates whether all report values are unit total values or unit average values.
 - 4 CRT09 is used to describe other unlisted program types.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CRT01	755	Report Type Code Code indicating the title or contents of a document, report or supporting item	M ID 2/2
			C1 Cost Data Summary <i>Use this code for the DD Form 1921.</i>	
			C2 Functional Cost and Hour <i>Use this code for the DD Form 1921-1.</i>	
			C3 Progress Curve <i>Use this code for the DD Form 1921-2.</i>	
			C4 Plant-Wide Data <i>Use this code for the DD Form 1921-3.</i>	
Must Use	CRT02	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>This code is required for all the report forms to indicate if monetary amounts have been factored (for example, numbers represent dollars in thousands). All monetary amounts are assumed to be in U.S. dollars.</i>	M ID 2/2
			DO Dollars, U.S. <i>Use this code when the monetary amounts have NOT been factored.</i>	
			R5 Thousands of Dollars	
			R6 Millions of Dollars	
			R7 Billions of Dollars	
Not Used	C00102	1018	Exponent	O R 1/15

			Power to which a unit is raised		
Not Used	C00103	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00104	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00105	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00106	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00108	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	CRT03	C001	Composite Unit of Measure	O	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
Must Use	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		

This code is required for the DD Forms 1921-1 and 1921-2 to indicate if hour quantities have been factored (for example, numbers represent hours in hundreds).

HR

Hours

Use this code when hour quantities have NOT been factored.

HU

Hundred

TH

Thousand

UM

Million Units

Measure used to indicate large quantities in multiples of one million

Not Used	C00102	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00103	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00104	355	Unit or Basis for Measurement Code	O	ID 2/2

			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	CRT04	1196	Breakdown Structure Detail Code Codes identifying details relating to a reporting breakdown structure tree	O	ID 2/2
	CRT05	306	Action Code Code indicating type of action	O	ID 1/2

This code is required for the DD Forms 1921, 1921-1, and 1921-2.

F	Final
IN	Interim

This code is required for all open or ongoing contracts.

IT	Initiate
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Use this code if this transmission is the first time CCDR information for a given contract is being sent to the customer, i.e., it is initial information for a given contract.

PF	Preliminary Final
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	CRT06	562	Rate or Value Type Code Code identifying method used to determine the type of rate, value, or percent details	O	ID 1/2
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This code is required for the DD Form 1921-2. Use the code that applies for the entire report.

UA	Unit or Lot Average
UT	Unit Total

Not Used	CRT07	1308	Contract Action Code	O	ID 2/2
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Not Used	CRT08	1193	Code identifying the expected resultant type of contract action or current type of contract action	O	ID 2/2
			Program Type Code		
Not Used	CRT09	369	Codes identifying a program type	O	AN 1/45
			Free-form Description		
Not Used	CRT10	786	Free-form descriptive text	O	ID 2/2
			Security Level Code		
			Code indicating the level of confidentiality assigned by the sender to the information following		

Segment: **BSD** Breakdown Structure Description
Position: 030
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To define discrete line items within industry or government reports
Syntax Notes: 1 At least one of BSD02 or BSD03 is required.
Semantic Notes: 1 BSD05 is the summary level structure code reference.
Comments: 1 BSD07 is the summary level reporting structure identification.

- Notes:**
- 1. This segment is used for the reporting element detail for the DD Forms 1921, 1921-1, and 1921-2.*
 - 2. For the DD Form 1921, if this transmission is the first time CCDR information for a given contract is being sent to the customer, include ALL WBS elements, including GFE items. For all ongoing contracts, only transmit those WBS elements that have associated monetary values (do not include GFE items).*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BSD01	128	Reference Number Qualifier Code qualifying the Reference Number. 74 Work Breakdown Structure (WBS) A product-oriented family tree composed of hardware, software, services, and data that completely defines the project or program	M ID 2/2
	BSD02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>Enter an optional Work Breakdown Structure reporting element code.</i>	X AN 1/30
Must Use	BSD03	352	Description A free-form description to clarify the related data elements and their content <i>1. Enter the Work Breakdown Structure reporting element description.</i> <i>2. This description can also be used to include the name of a subcontractor along with the element description if needed. If a reporting element is assigned to one subcontractor, include the name of the subcontractor in the description if applicable and available. If there is more than one subcontractor assigned to a reporting element and it is necessary to provide cost detail at the subcontractor level, use additional iterations of the CLI segment using CLI04 to identify each subcontractor. If there is more than one subcontractor assigned to a reporting element and a simple list of who they are is needed (i.e., cost values are not broken down by each subcontractor), use multiple iterations of the REF segment (2/REF/060) to name them.</i> <i>3. For the DD Form 1921 bottom line information (for example, Total Cost Less G&A, G&A, Cost of Money), enter the description of the item. For example, for the Total Cost Less G&A information enter the text string "Total Cost Less G&A".</i>	X AN 1/80
	BSD04	1178	Level Reporting structure identification	O AN 1/3

This data element is required for the DD Form 1921. Enter the reporting structure level number for the element code entered in BSD02.

BSD05 **127** **Reference Number** **O** **AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

This data element is used for the DD Form 1921 to enter the parent element code for the element code entered in BSD02. This is required for all lower level element codes (a level 1 code will not have a parent element). Leave this data element blank when BSD04 is "1" for level 1.

BSD06 **1196** **Breakdown Structure Detail Code** **O** **ID 2/2**

Codes identifying details relating to a reporting breakdown structure tree

1. Code 59 is used for the DD Form 1921 to identify GFE reporting elements. For GFE reporting elements, monetary amounts and quantity details are not included.

2. Codes 26, 27, 28, 29, and 30 used for the DD Form 1921-1 when a breakout of recurring and non-recurring costs is required for the specific reporting element. This is required for the DD Form 1921-1.

- | | |
|----|---|
| 26 | Recurring |
| | Costs that will incur continually over the life of the contract |
| 27 | Nonrecurring |
| | Costs that will only be incurred once |
| 28 | Total |
| 29 | Nonrecurring and Total |
| 30 | Recurring and Total |
| 59 | Government Furnished Equipment |
| | Government property provided to a contractor that is of a capital nature, including equipment, machine tools, test equipment, etc.; used in manufacturing or providing services in performance of a government contract |

BSD07 **1178** **Level** **O** **AN 1/3**

Reporting structure identification

This data element is used for the DD Form 1921 to enter the parent element code (BSD05) level number. This is required for all lower level element codes (a level 1 code will not have a parent element). Leave this data element blank when BSD04 is "1" for level 1.

Not Used **BSD08** **786** **Security Level Code** **O** **ID 2/2**

Code indicating the level of confidentiality assigned by the sender to the information following

Segment: **CLI** Cost Line Item

Position: 040

Loop: HL Mandatory

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To identify the cost line items associated with a specific reporting structure reference (i.e., a work breakdown structure) or summary project level reference

Syntax Notes: 1 At least one of CLI01 CLI02 or CLI03 is required.

Semantic Notes: 1 CLI03 is a sequential number or identification assigned by the initiator.
2 CLI05 indicates whether cost line items are lot unit average values or unit average values.

Comments: 1 CLI01, CLI02, or CLI03 can be used to describe a cost line item. Typically when CLI03 is used, CLI01 or CLI02 are not used.

Notes: *The combination of the HL segment and this CLI segment is used to convey a variety of information about the reporting line items or columns in the DD 1921 forms. Each form (and sometimes sections within a form) uses the coding available in the CLI segment in a variety of ways to describe the line item or column. Generally, the codes in CLI01 and CLI02 are used to describe the line items or columns. For other user defined types of information, CLI03 and CLI04 are used.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
CLI01	98	Entity Identifier Code	X ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		<i>1. Use codes 28 and PG for the DD Form 1921.</i> <i>2. Use codes E6, M9, MT, QQ, TB, TD, and TG for the DD Form 1921-1.</i> <i>3. Use codes 28, E6, M9, MT, PG, and TB for the DD Form 1921-2. Codes E6, M9, MT, and TB are used in Section C only.</i> <i>4. Use codes E6, M9, MT, QQ, TB, TD, and TG for the DD Form 1921-3.</i>	
		28	Subcontractor
		E6	Engineering
		M9	Manufacturing
		MT	Material
		PG	Prime Contractor
		QQ	Quality Control
		TB	Tooling
		TD	Tooling Design
		TG	Tooling Fabrication
CLI02	1196	Breakdown Structure Detail Code	X ID 2/2
		Codes identifying details relating to a reporting breakdown structure tree	
		<i>1. Use codes 26, 27, 28, 33, 34, 35, 36, 37, and 39 for the DD Form 1921. For the total contract summary information, codes 28, 33, and 35 are required; codes 34, 36, 37, and 39 are optional.</i> <i>2. Use codes 01, 02, 03, 07, 09, 28, 33, 34, 35, 36, 37, 38, 39, 42, and 43 for the DD Form 1921-1.</i>	

3. Use codes 01, 13, 28, 40, 41, 42, 43, and 44 for the DD Form 1921-2.

4. Use codes 06, 08, 09, 10, 33, 39, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, and 58 for the DD Form 1921-3.

01	Labor
	Direct labor costs
02	Material
	Direct material
03	Other Direct Costs (ODC)
	Other costs associated with a contract such as freight, travel, postage
06	Labor Overhead
	Indirect costs associated with direct labor
07	Material Overhead
	Indirect costs associated with direct material
08	Other Overhead
	Indirect costs associated with other direct costs
09	Total Overhead
	Total of all indirect costs incurred on a contract
10	Total General and Administrative
	Total of all general and administrative types of indirect costs incurred on a contract
13	Manufacturing Labor
	Direct manufacturing labor
26	Recurring
	Costs that will incur continually over the life of the contract
27	Nonrecurring
	Costs that will only be incurred once
28	Total
33	General & Administrative
34	Cost of Money
35	Profit or Fee
36	Total Price
37	Total Cost Less General & Administrative
38	Total Cost Plus General & Administrative
39	Other Costs
40	Standard
41	Variance
42	Purchased Equipment
43	Materials and Purchased Items
44	Quality Control Labor
45	Other Government Effort
46	Commercial Effort
47	Total Direct Cost Base
48	Indirect Labor
49	Employee Benefits
50	Payroll Taxes
51	Employment

52	Communications and Travel
53	Production Related
54	Facilities - Building and Land
55	Facilities - Furniture and Equipment
56	Administration
57	Future Business
58	Credits

CLI03 350 Assigned Identification X AN 1/11

Alphanumeric characters assigned for differentiation within a transaction set

Primarily used for the DD Form 1921-2 Section B line items 1 to 7, 32 to 39 and to identify column references (A to G). Also used for the DD Form 1921-3 Section A line references for specific projects or programs.

CLI04 369 Free-form Description O AN 1/45

Free-form descriptive text

1. This description may be required to fully describe a specific cost line item on the various reports (for example, to describe Other Costs). It may also be used to enter the name of a subcontractor when there are multiple subcontractors assigned to a reporting element and reporting is required to be broken down by individual subcontractors.

2. For the DD Form 1921-2, it is used to describe the model, series, and characteristics detail of the items being produced.

3. For the DD Form 1921-3, it can be used to describe the project or program (Section A). It can also be used to describe any contractor unique overhead category in Section A and B. If desired, a short code reference for these categories can be entered in CLI03 (for example, ENGT1) with a long description entered here (for example, Engineering Type 1 Labor Overhead). If additional text is required to describe the category, use the PID Segment.

Not Used CLI05 562 Rate or Value Type Code O ID 1/2

Code identifying method used to determine the type of rate, value, or percent details

CLI06 1166 Contract Type Code O ID 2/2

Code identifying a contract type

Used for the DD Form 1921-3. It is only used for those line items that describe other projects at the contractor's plant (line items in Section A). For each project, indicate whether it is firm or anticipated business. This is required for these line items.

AC	Anticipated Contract
FA	Firm or Actual Contract

Segment: CAL Calendar
Position: 050
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the calendar and working shift details for the plan or schedule
Syntax Notes: 1 If either CAL14 or CAL15 is present, then the other is required.
Semantic Notes: 1 CAL01 identifies whether a reference number is a calendar or shift.
Comments:
Notes:

The CAL (Calendar) segment is used to convey start and stop dates and what time group the dates represent, such as a quarter year, previous year, or remaining years. It is only used for the DD Form 1921-3.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CAL01	128	Reference Number Qualifier Code qualifying the Reference Number. 70 Calendar Number Identifies a working calendar (for example, Monday through Friday) for a company, division, or labor group	M ID 2/2
Must Use	CAL02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>1. Requires specific text entry for the DD Form 1921-3 Sections A, B, and C.</i> <i>2. For Section A and B, there are five calendar groups. Enter "Prior Year" for group 1, "Current Year" for group 2, "Out Year 1" for group 3, "Out Year 2" for group 4, and "Out Year 3" for group 5.</i> <i>3. For Section C, there are seven calendar groups. The first four groups are quarter year references. Enter "1" for group 1, "2" for group 2, "3" for group 3, "4" for group 4, "Prior Year" for group 5, "Out Year 1" for group 6, and "Out Year 2" for group 7. Note that "Prior Year" for group 5 is the same as the "Past Year" reference on the DD Form 1921-3, Section C.</i>	M AN 1/30
Must Use	CAL03	344	Unit of Time Period or Interval Code indicating the time period or interval <i>Use code CY for Sections A and B on the DD Form 1921-3. Use codes Q1, Q2, Q3, Q4 for the quarter year references, and code CY for the prior year and out year references for Section C on the DD Form 1921-3.</i> CY Calendar Year Q1 First Quarter Q2 Second Quarter Q3 Third Quarter Q4 Fourth Quarter	O ID 2/2
Must Use	CAL04	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 196 Start	O ID 3/3
Must Use	CAL05	373	Date Date (YYMMDD)	O DT 6/6
Not Used	CAL06	337	Time	O TM 4/8

			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)	
Not Used	CAL07	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	CAL08	678	Ship/Delivery or Calendar Pattern Code	O ID 1/2
			Code which specifies the routine shipments, deliveries, or calendar pattern	
Must Use	CAL09	374	Date/Time Qualifier	O ID 3/3
			Code specifying type of date or time, or both date and time	
			197	End
Must Use	CAL10	373	Date	O DT 6/6
			Date (YYMMDD)	
Not Used	CAL11	337	Time	O TM 4/8
			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)	
Not Used	CAL12	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	CAL13	678	Ship/Delivery or Calendar Pattern Code	O ID 1/2
			Code which specifies the routine shipments, deliveries, or calendar pattern	
Not Used	CAL14	673	Quantity Qualifier	X ID 2/2
			Code specifying the type of quantity	
Not Used	CAL15	380	Quantity	X R 1/15
			Numeric value of quantity	
Not Used	CAL16	369	Free-form Description	O AN 1/45
			Free-form descriptive text	

Segment: **REF** Reference Numbers
Position: 060
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier Code qualifying the Reference Number. 3X Subcontract Number <i>Use this code for DD Form 1921 to list subcontractor names associated with a reporting element. Only use this code when it is necessary to provide a list of subcontractor names and cost values are not broken down by individual subcontractors (use multiple iterations of the CLI segment if cost values must be related to specific named subcontractors). Enter the subcontractor name in REF03.</i>	M ID 2/2
			C7 Contract Line Item Number <i>Use this code for the DD Form 1921 to identify a contract line item number (CLIN). If there are multiple CLINs for a Work Breakdown Structure element, use a "/" to delimit them or, if there is range of CLINs, use "-".</i>	
			KQ Procuring Agency <i>Use this code for the DD Form 1921-3 to identify the procuring or buying agency.</i>	
			YB Revision Number <i>Use this code for the DD Form 1921-2 to indicate the revision number for the revised Planned Release date. Only one revision number is allowed for each functional category.</i>	
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>An entry in this data element is required when REF01 is code YB.</i>	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content <i>An entry in this data element is required when REF01 is code 3X, C7 or KQ.</i>	X AN 1/80

Segment: **AMT** Monetary Amount
Position: 070
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount	M ID 1/2
<p><i>1. Use codes 28, 30, 32, 33, 55, and D9 for the DD Form 1921. Codes 28, 30, 32, 33 are used for the overall contract amounts (at the report or CRT Segment level). Codes 55 and D9 are used in the body of the report.</i></p> <p><i>2. Use codes BM, CA, CR, CU, CV, TX, and TY for the DD Form 1921-1.</i></p> <p><i>3. Use codes B, 54, and CX for the DD Form 1921-2. Code "54" is the Estimate to Complete value.</i></p> <p><i>4. Use codes B and CX for the DD Form 1921-3.</i></p>				
		28	Target Price The negotiated contract cost plus profit or fee applicable to the defined contract effort	
		30	Contract Ceiling The ceiling price applicable to defined effort	
		32	Target Fee or Profit Amount The fee (can also be percent) of profit that will apply to defined contract effort	
		33	Original Contract Target Cost Value of the original negotiated contract	
		54	Forecast Alternate term for Estimate to Complete (amount of work remaining); or a number to compare to an Estimate to Complete	
		55	At Complete Forecast Alternate term for Estimate at Complete (actual costs plus estimate of remaining work ETC); or to compare to an Estimate at Complete	
		B	Estimated Indicates the estimated amount	
		BM	Adjustments	
		CA	Contractor Cumulative to Date	
		CR	Contractor at Complete	
		CU	Subcontractor Cumulative to Date	
		CV	Subcontractor at Complete	
		CX	Actual	

			D9	Cumulative Actual		
			TX	Total to Date		
			TY	Total at Complete		
Must Use	AMT02	782	Monetary Amount		M	R 1/15
			Monetary amount			
			<i>Use a maximum of three decimal places.</i>			
Not Used	AMT03	478	Credit/Debit Flag Code		O	ID 1/1
			Code indicating whether amount is a credit or debit			

Segment: QTY Quantity
Position: 080
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity <i>1. Use code 63 for the DD Form 1921. This is the total number of units to be procured or proposed for the specific reporting element.</i> <i>2. Use codes A5, AU, BB, BD, BE, BG, DR, IN, TC, and TD for the DD Form 1921-1.</i> <i>3. Use codes AT, AY, KA, MN, PX, ST, and VR for the DD Form 1921-2. Code AY is the Estimate To Complete quantity. Codes MN and PX are used at the report level (CRT Segment) - the PX quantity is assumed to be cumulative to date from the beginning of the program.</i> <i>4. Use codes 63, DR, and IN for the DD Form 1921-3. Code 63 is used to enter the fiscal year buy quantities for the specific program or project (by year reference noted in a DTM segment).</i>	M ID 2/2
			63 On Order Quantity	
			A5 Adjusted Quantity	
			AT Actual	
			AU Cumulative Actual	
			AY Forecast	
			BB Contractor Cumulative to Date	
			BD Contractor at Complete	
			BE Subcontractor Cumulative to Date	
			BG Subcontractor at Complete	
			DR Direct Workers	
			IN Indirect Workers	
			KA Estimated	
			The quantity shown is an estimated quantity	
			MN Month	
			PX Prior Units Accepted	
			ST Standard	
			TC Total at Complete	
			TD Total to Date	
			VR Variance	
Must Use	QTY02	380	Quantity Numeric value of quantity	M R 1/15

QTY03

355

Unit or Basis for Measurement Code

O ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Typically quantities represent hours. Use code HR to note this.

2. Typically no entry is required when QTY01 is code 63. As an option for the 1921, use code UN for the number of units information.

3. For the DD Form 1921-3, the number of direct and indirect workers may be factored - for example, by a hundred, thousand, or million. Use code HU, TH, or UM to note this. If the number is NOT factored, leave this data element blank.

HR Hours

HU Hundred

TH Thousand

UM Million Units

Measure used to indicate large quantities in multiples of one million

UN Unit

Use this code for the DD Form 1921-1, Section B, lines 2, 3, and 4 column A through G details. As an option, it can also be used for the DD Form 1921.

Segment: **RPA** Rate Amounts or Percents
Position: 090
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To identify rate amounts or percents for a specific cost or other line item
Syntax Notes: 1 At least one of RPA02 RPA04 or RPA05 is required.
Semantic Notes:
Comments:
Notes:

The RPA segment is used to convey direct and indirect rates per hours or percents. It is used for the DD Forms 1921-1 and 1921-3. Enter a rate and unit for the rate (for example, per hour), OR a percent. Use this segment to convey overhead and G&A overhead percents (i.e., do not use the PCT (Percent) segment to do this).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	RPA01	562	Rate or Value Type Code Code identifying method used to determine the type of rate, value, or percent details <i>Use the code that applies. Use code OI when expressing overhead or G&A percents.</i>	M ID 1/2
			AB Average Basic Rate	
			AE Average Effective Rate	
			OI Overhead or Indirect Rate	
Not Used	RPA02	782	Monetary Amount Monetary amount	X R 1/15
	RPA03	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
	RPA04	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Make an entry in this data element when RPA03 is used. Use code "HR" - all rates are assumed to be "per hour".</i>	M ID 2/2
			HR Hours	
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2

			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00108	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	RPA05	954	Percent	X	R 1/10
			Percentage expressed as a decimal		

Enter the overhead or G&A percentage for the DD Form 1921-3.

Segment: **PCT** Percent Amounts
Position: 100
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To qualify percent amounts and supply percent amounts
Syntax Notes:
Semantic Notes:
Comments:
Notes: *The PCT (Percent) segment is used for the DD Forms 1921 and 1921-2.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PCT01	1004	Percent Qualifier Code to qualify percent	M ID 1/2
<i>1. Use codes CR and CS to convey share ratio information on the DD Form 1921.</i> <i>2. Use code 10, OH, and SC for the DD Form 1921-2.</i>				
		10	Complete The percent of work completed for a given activity, task, or event	
		CR	Contractor Share Ratio	
		CS	Customer Share Ratio	
		OH	Outside Hours Percent of (labor) hours related to outside suppliers	
		SC	Subcontracted Costs Percent of costs related to subcontractors	
Must Use	PCT02	954	Percent Percentage expressed as a decimal	M R 1/10

Segment: **DTM** Date/Time Reference
Position: 110
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time <i>1. Use codes 090, 091, and 174 or 194 for the DD Form 1921-1 for the beginning and ending report period references as well as the month ending or period ending references for the line items in Section C.</i> <i>2. Use codes 174, 194, 196, 197 (Section B, lines 32 through 39), 579, and 580 (Section C, schedule of release dates) for the DD Form 1921-2.</i> <i>3. Use code 035 to indicate the date submitted (title block) and code 404 to indicate the buy quantity fiscal year reference for the DD Form 1921-3. Other dates relating to the DD Form 1921-3 are expressed with the CAL (Calendar) Segment.</i>	M ID 3/3
			035 Delivered	
			090 Report Start	
			091 Report End	
			171 Revision	
			<i>Use this code for the DD Form 1921-2 to indicate the revised Planned Release date. Use this code only one time for each functional category.</i>	
			174 Month Ending	
			194 Period End	
			196 Start	
			197 End	
			404 Year Ending	
			579 Planned Release	
			580 Actual Release	
Must Use	DTM02	373	Date Date (YYMMDD)	X DT 6/6
Not Used	DTM03	337	Time 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)	X TM 4/8
Not Used	DTM04	623	Time Code Code identifying the time. In accordance with International Standards	O ID 2/2

Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

	DTM05	624	Century	O	N0 2/2
			The first two characters in the designation of the year (CCYY)		
Not Used	DTM06	1250	Date Time Period Format Qualifier	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM07	1251	Date Time Period	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

Segment:	PID Product/Item Description
Position:	120
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	<ol style="list-style-type: none"> 1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID03 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A ``Y" indicates that the specified attribute applies to this item. A ``N" indicates it does not apply. Any other value is indeterminate.
Comments:	<ol style="list-style-type: none"> 1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	<ol style="list-style-type: none"> 1. <i>The PID (Product/Item Description) segment is an optional segment that can be used to describe specific lot or unit characteristics for the DD Form 1921-2. The free form description data element is used for this purpose. For specific measurements such as weights, use the MEA (Measurements) segment.</i> 2. <i>This segment can also be used for the DD Form 1921-3 when a contractor is using unique overhead categories and requires additional text space to describe the category. This is only used when CLI04 is not sufficient to describe the category.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PID01	349	Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
Not Used	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O ID 2/3
Not Used	PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values	X ID 2/2
Not Used	PID04	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
Must Use	PID05	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	PID06	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O ID 2/2
Not Used	PID07	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15
Not Used	PID08	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response	O ID 1/1

Segment: **MEA** Measurements
Position: 130
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:

- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
- 2 If MEA05 is present, then MEA04 is required.
- 3 If MEA06 is present, then MEA04 is required.
- 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
- 5 Only one of MEA08 or MEA03 may be present.

Semantic Notes:

- 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments:

- 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: *The MEA (Measurement) segment is used to describe specific lot or unit measurement characteristics for the DD Form 1921-2. This is used in combination with the CLI (Cost Line Item) and PID (Product/Item Description - optional) segments to convey additional details about the item being manufactured.*

Data Element Summary

Ref.	Data			
Des.	Element	Name	Attributes	
Not Used	MEA01	737 Measurement Reference ID Code	O	ID 2/2
		Code identifying the broad category to which a measurement applies		
	MEA02	738 Measurement Qualifier	O	ID 1/3
		Code identifying a specific product or process characteristic to which a measurement applies		
		<i>Use any code that applies in the X12 data dictionary. Codes that are typically used include: DI for Diameter; DN for Density; EW for Empty Weight; G for Gross Weight; GW for Gross Weight, Maximum; HT for Height; LN for Length; U for Weight per Unit (for aircraft contracts, use this code for the airframe unit weight, this code is required for aircraft contracts); VOL for Volume; and WD for Width.</i>		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
	MEA03	739 Measurement Value	X	R 1/20
		The value of the measurement		
	MEA04	C001 Composite Unit of Measure	X	
		To identify a composite unit of measure (See Figures Appendix for examples of use)		
Must Use	C00101	355 Unit or Basis for Measurement Code	M	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		<i>Use the code that applies.</i>		
		LO	Lot	
			<i>Use this code for an average measurement.</i>	
		UN	Unit	
Not Used	C00102	1018 Exponent	O	R 1/15
		Power to which a unit is raised		

Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
	MEA05	740	Range Minimum The value specifying the minimum of the measurement range <i>Optional. Make an entry if needed to fully describe the item.</i>	X	R 1/20
	MEA06	741	Range Maximum The value specifying the maximum of the measurement range <i>Optional. Make an entry if needed to fully describe the item.</i>	X	R 1/20
Not Used	MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measurement value	O	ID 2/2
Not Used	MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined	X	ID 2/2
Not Used	MEA09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O	ID 2/2
Not Used	MEA10	1373	Measurement Method or Device The method or device used to record the measurement	O	ID 2/4

Segment: **MSG** Message Text
Position: 140
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:

1. Use the MSG (Message Text) segment only at the report level (where HL03 is code RP) for DD Forms 1921 and 1921-3; and only at the WBS level (where HL03 is WB) for DD Forms 1921-1 and 1921-2. When entering text, be very specific about the data item the remarks apply to. Limit the use of this segment to convey relevant details that cannot be carried in other data elements.

2. Use this segment to convey additional details about the total number of units for the DD Form 1921.

3. Maximum use is 100.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

Segment: **SE** Transaction Set Trailer
Position: 200
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
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).
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>SE02 is the same number as the number in ST02.</i>	M AN 4/9

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