Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003060 Transaction Set 806 Project Schedule Reporting

Implementation Convention

NIST

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Electronic Commerce Acquisition Program Management Office
Standard Management Committee - Secretariat
National Institute of Standards and Technology
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Reports on Information Technology

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.

806 Project Schedule Reporting

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Project Schedule Reporting Transaction Set (806) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides for the transmission of planning, scheduling, and status information. The purpose of this transaction set is to establish an initial plan, report progress against the plan, and report changes to the plan. It is designed to serve the needs of government agencies, prime contractors and their subcontractors.

Notes:

1. The purpose of this draft implementation convention is to provide a general framework that can be used to exchange a variety of planning, scheduling, and resource information between the Department of Defense (DoD) agencies and their contractors. This includes proposal, initial or baseline, change or update, and status details.

2. While specific commercial off the shelf planning and scheduling software was reviewed for the type of data that needed to be included in this transaction set, this implementation convention is designed to be used with ANY software tool that may be used by the contractor or government agency. The objective is to define the core data exchange requirements in a neutral format - i.e., it is not customized to fit one specific software tool.

3. It is anticipated that the 806 transaction set and this implementation convention will be used for bi-directional data exchange. That means it can be used by the contractor to send information to their government customer and it can be used by the government agency to send information to the contractor. Generally, the N1 (Name) loop in table 1 of the transaction set identifies the sending or receiving party.

4. This implementation convention is meant to define the FORMAT of the data that will be exchanged. The CONTENT of the data is always governed by any applicable Contract Data Requirements List (CDRL), Data Item Description (DID), or contract Statement of Work (SOW).

5. The example appendix for this implementation convention provides additional reference information on how this transaction set is used to exchange planning and scheduling data.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BPP	Beginning Segment for Project Schedule Reporting	M	1		
	030	REF	Reference Identification	O	>1		
			LOOP ID - N1			>1	
Must Use	040	N1	Name	O	1		
	050	N2	Additional Name Information	O	2		
	060	N3	Address Information	O	2		
	070	N4	Geographic Location	O	1		
Not Used	080	REF	Reference Identification	O	>1		
Must Use	090	PER	Administrative Communications Contact	O	>1		
Not Used	100	DTM	Date/Time Reference	O	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CAL			>1	
	010	CAL	Calendar	O	1		
Not Used	020	QTY	Quantity	O	>1		
	030	DTM	Date/Time Reference	O	>1		
			LOOP ID - RSC			>1	
	040	RSC	Resource	O	1		
Not Used	050	REF	Reference Identification	O	>1		
Not Used	060	DTM	Date/Time Reference	O	>1		
Not Used	070	QTY	Quantity	O	>1		
Not Used	080	AMT	Monetary Amount	O	>1		
Not Used	090	PCT	Percent Amounts	O	>1		
Not Used	100	RPA	Rate Amounts or Percents	O	>1		
			LOOP ID - TID			>1	
Must Use	110	TID	Task Identification	O	1		
	120	REF	Reference Identification	O	>1		
	130	DTM	Date/Time Reference	O	>1		
	140	QTY	Quantity	O	>1		
	150	AMT	Monetary Amount	O	>1		
	160	PCT	Percent Amounts	O	>1		
	170	N1	Name	O	>1		
	180	PER	Administrative Communications Contact	O	>1		
	190	PID	Product/Item Description	O	>1		
	200	MSG	Message Text	O	>1		
			LOOP ID - RSC			>1	
	210	RSC	Resource	O	1		
	220	REF	Reference Identification	O	>1		
	230	DTM	Date/Time Reference	O	>1		
	240	QTY	Quantity	O	>1		
	250	AMT	Monetary Amount	O	>1		
	260	PCT	Percent Amounts	O	>1		
Not Used	270	RPA	Rate Amounts or Percents	O	>1		
	280	PAM	Period Amount	O	>1		
			LOOP ID - MLS			>1	
	290	MLS	Milestone	O	1		
	300	REF	Reference Identification	O	>1		
	310	DTM	Date/Time Reference	O	>1		
	320	QTY	Quantity	O	>1		
	330	AMT	Monetary Amount	O	>1		
	340	PCT	Percent Amounts	O	>1		
Must Use	350	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

	Ref. Des.	Data Element	Name		Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			806 X12.196 Project Schedule Reporting		
Must Use	ST02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

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.

	Segment:	**BPP** Beginning Segment for Project Schedule Reporting
	Position:	020
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the beginning of the Project Schedule Reporting Transaction Set and program identifying numbers
	Syntax Notes:	1 At least one of BPP04 BPP05 or BPP06 is required.
	Semantic Notes:	1 BPP02 is the transaction set date.
		2 BPP05 is the program name.
		3 BPP06 is the program number identification.
		4 BPP07 is the report effective date.
		5 BPP09 is the schedule number identification.
		6 BPP10 is available for a schedule title or reference.
		7 BPP11 is the schedule date or schedule effective date.
		8 BPP12 is the priority rating reference number.
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BPP01	353	**Transaction Set Purpose Code**	**M ID 2/2**

Code identifying purpose of transaction set

00	Original
04	Change
05	Replace
14	Advance Notification

Use this code in the event preliminary schedule data must be transmitted. This preliminary transmission is then followed with a final transmission (code 20) to provide the final schedule data.

20	Final Transmission

Use this code to transmit final schedule data when preliminary data has been sent (code 14).

22	Information Copy

Use this code in the event an information copy of the schedule data needs to go to a specific receiving party. This receiving party is named in the N1 (Name) segment (use code ZD, Party to Receive Reports, in N101).

	Ref. Des.	Data Element	Name	Attributes
Must Use	BPP02	373	**Date**	**M DT 6/6**

Date (YYMMDD)

Enter the date the data report was created. This date is used for reference purposes only.

	Ref. Des.	Data Element	Name	Attributes
Must Use	BPP03	1164	**Network or Schedule Data Type**	**M ID 2/2**

Codes to identify the network or schedule or type of presentation

02	Logic Network Precedence Diagramming Method
	Method to illustrate tasks and relationships over time using the activity on node method

			03	Bar Chart (Gantt Chart)		
				Method to illustrate tasks; primarily a listing of task names and duration of tasks; duration as shown with lines to illustrate start and finish dates		
			04	Milestone		
				Method to illustrate significant events for a contract; events may represent significant deliverables or other tasks to measure contract progress		
			05	Line of Balance (LOB)		
				Method to illustrate manufacturing deliverables or other tasks		
			06	Task List		
				Simple listing of tasks required to complete a contract		

	BPP04	**367**	**Contract Number**	**X**	**AN 1/30**
			Contract number		

Enter the contract number.

	BPP05	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		

Enter the name or short description of the program. If the data is for a Request for Quote or Request for Proposal (RFQ/RFP), enter the description in this data element and provide the solicitation or proposal number in the following REF (1/REF/030) segment.

	BPP06	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Enter the program number.

Must Use	**BPP07**	**373**	**Date**	**O**	**DT 6/6**
			Date (YYMMDD)		

Enter the report effective date. This is considered to be the date the data was pulled or extracted from the source database.

Must Use	**BPP08**	**755**	**Report Type Code**	**O**	**ID 2/2**
			Code indicating the title or contents of a document, report or supporting item		
			21 Recovery Plan		
			26 Production Plan		

Use this code for an Integrated Master Plan (IMP).

			31 Master Schedule		

Use this code for an Integrated Master Schedule (IMS).

	BPP09	**127**	**Reference Identification**	**O**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Enter the unique schedule reference number for this transaction set. This code can be used to link related transaction sets together (for example, with a Project Cost Reporting 839 or Specifications/Technical Information 841 transaction set).

	BPP10	**352**	**Description**	**O**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Enter the name or short description of the schedule.

| Must Use | BPP11 | 373 | Date | | O | DT 6/6 |

Date (YYMMDD)

Enter the schedule status effective date. This is the Time Now date for the data.

| | BPP12 | 127 | Reference Identification | | O | AN 1/30 |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Use this data element to enter a version number for the schedule data.

| | BPP13 | 786 | Security Level Code | | O | ID 2/2 |

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

Typically all data is assumed to be company proprietary information and is treated as government non-classified information (code 90). In the event codes 92, 93, or 94 are used, additional security measures such as encryption are used to protect the data.

11	Competition Sensitive
90	Government Non-Classified
92	Government Confidential
93	Government Secret
94	Government Top Secret

Segment:	**REF** Reference Identification
Position:	030
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: *Use this segment to convey any additional reference numbers that are needed to identify or further qualify the schedule information being transmitted.*

Data Element Summary

Must Use	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3

Code qualifying the Reference Identification

39	Proposal Number
72	Schedule Reference Number

Identifies a number for a program schedule (for example, a logic type of network) or working schedule to complete a specific task or set of tasks

Use this code to indicate there is a related Project Schedule Reporting (806) transaction set(s) that complements this transaction set. The unique reference number entered in REF02 should be the same unique reference number entered in BPP09 (1/BPP/020) in the related 806 transaction set.

92	Change Document Number

Reference numbers to track changes made to a contract

AT	Appropriation Number
C4	Change Number
CA	Cost Allocation Reference

Use this code to indicate there is a related Project Cost Reporting (839) transaction set(s) that complements this transaction set. The unique reference number entered in REF02 should be the same unique reference number entered in REF02 (1/REF/030) in the 839 transaction set.

KS	Solicitation

A discreet number assigned by the purchasing activity to differentiate between different solicitations

NJ	Technical Document Number

Use this code to indicate there is a related Specifications/Technical Information (841) transaction set(s) that complements this transaction set. The unique reference number entered in REF02 should be the same unique reference number entered in SPI03 (1/SPI/020) in the 841 transaction set.

Must Use	REF02	127	Reference Identification	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Use to enter the reference number.

Not Used	REF03	352	Description	X	AN 1/80

A free-form description to clarify the related data elements and their content

Not Used	REF04	C040	Reference Identifier	O	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Not Used	C04001	128	Reference Identification Qualifier	M	ID 2/3

Code qualifying the Reference Identification

Not Used	C04002	127	Reference Identification	M	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3

Code qualifying the Reference Identification

Not Used	C04004	127	Reference Identification	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3

Code qualifying the Reference Identification

Not Used	C04006	127	Reference Identification	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**N1** Name	
Position:	040	
Loop:	N1 Optional (Must Use)	
Level:	Heading	
Usage:	Optional (Must Use)	
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:

1. This segment is required. As a minimum, use this segment to provide information about the party sending the schedule data. As an option, include information about the party receiving the schedule data.

2. 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. Des.	Data Element	Name	Attributes
Must Use	N101	98	Entity Identifier Code	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

FR   Message From

Use this code to identify the organization sending the schedule data.

TO   Message To

Use this code to identify the organization receiving the schedule data.

ZD   Party to Receive Reports

The organization designated to receive reports

Use this code to identify the organization that receives an information copy of the schedule data.

	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:	050
Loop:	N1 Optional (Must Use)
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.*

Data Element Summary

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

Segment:	**N3** Address Information
Position:	060
Loop:	N1 Optional (Must Use)
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

	Ref. Des.	Data Element	Name	Attributes	
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:	070
Loop:	N1 Optional (Must Use)
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 U.S. or Canada.
Notes:	*This segment should only be used when N102 is used.*

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
N401	19	City Name	O	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	Postal Code	O	ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	Country Code	O	ID 2/3
		Code identifying the country		
Not Used N405	309	Location Qualifier	X	ID 1/2
		Code identifying type of location		
Not Used N406	310	Location Identifier	O	AN 1/30
		Code which identifies a specific location		

Segment:	**PER** Administrative Communications Contact			

Position: 090
Loop: N1   Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1   If either PER03 or PER04 is present, then the other is required.
  2   If either PER05 or PER06 is present, then the other is required.
  3   If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:
Notes: *This segment is required.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PER01	366	**Contact Function Code**	**M**	**ID 2/2**

Code identifying the major duty or responsibility of the person or group named

  CD   Contract Contact

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PER02	93	**Name**	**O**	**AN 1/35**

Free-form name

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.

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PER03	365	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

  AU   Defense Switched Network

          Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

  EM   Electronic Mail

  FT   Federal Telecommunications System (FTS)

  FX   Facsimile

  IT   International Telephone

  TE   Telephone

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PER04	364	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

	Ref. Des.	Data Element	Name	Attributes	
	PER05	365	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

  AU   Defense Switched Network

          Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

  EM   Electronic Mail

  EX   Telephone Extension

          When used, there must be a previous communication number citing either national or international telephone number.

  FT   Federal Telecommunications System (FTS)

  FX   Facsimile

		IT	International Telephone		
		TE	Telephone		
PER06	**364**	**Communication Number**		**X**	**AN 1/80**

Complete communications number including country or area code when applicable

| **PER07** | **365** | **Communication Number Qualifier** | | **X** | **ID 2/2** |

Code identifying the type of communication number

		AU	Defense Switched Network
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		EM	Electronic Mail
		EX	Telephone Extension

When used, there must be a previous communication number citing either national or international telephone number.

		FT	Federal Telecommunications System (FTS)
		FX	Facsimile
		IT	International Telephone
		TE	Telephone
PER08	**364**	**Communication Number**		**X**	**AN 1/80**

Complete communications number including country or area code when applicable

| **PER09** | **443** | **Contact Inquiry Reference** | | **O** | **AN 1/20** |

Additional reference number or description to clarify a contact number

Use this data element to enter the title of the person named in PER02.

Segment: **CAL** Calendar

Position: 010
Loop: CAL   Optional
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:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CAL01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

> 70   Calendar Number
>
> Identifies a working calendar (for example, Monday through Friday) for a company, division, or labor group

	Ref. Des.	Data Element	Name	Attributes
Must Use	CAL02	127	**Reference Identification**	M AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Enter the number or name of the calendar.

	Ref. Des.	Data Element	Name	Attributes
Not Used	CAL03	344	**Unit of Time Period or Interval**	O ID 2/2

Code indicating the time period or interval

	Ref. Des.	Data Element	Name	Attributes
Not Used	CAL04	374	**Date/Time Qualifier**	O ID 3/3

Code specifying type of date or time, or both date and time

	Ref. Des.	Data Element	Name	Attributes
Not Used	CAL05	373	**Date**	O DT 6/6

Date (YYMMDD)

	Ref. Des.	Data Element	Name	Attributes
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)

	Ref. Des.	Data Element	Name	Attributes
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

	Ref. Des.	Data Element	Name	Attributes
Not Used	CAL08	678	**Ship/Delivery or Calendar Pattern Code**	O ID 1/2

Code which specifies the routine shipments, deliveries, or calendar pattern

Refer to 003060 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes
Not Used	CAL09	374	**Date/Time Qualifier**	O ID 3/3

Code specifying type of date or time, or both date and time

	Ref. Des.	Data Element	Name	Attributes
Not Used	CAL10	373	**Date**	O DT 6/6

Date (YYMMDD)

	Ref. Des.	Data Element	Name	Attributes
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)

	Ref. Des.	Data Element	Name	Attributes
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:	**DTM** Date/Time Reference

Segment: **DTM** Date/Time Reference

Position: 030
Loop: CAL   Optional
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

	Ref. Des.	Data Element	Name	Attributes	
Must Use	DTM01	374	**Date/Time Qualifier**	**M**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			263 Holiday		
			A non-working day reserved for a company or national holiday		
Must Use	DTM02	373	**Date**	**X**	**DT 6/6**
			Date (YYMMDD)		
Not Used	DTM03	337	**Time**	**X**	**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	DTM04	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	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:	**RSC** Resource
	Position:	040
	Loop:	RSC Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To identify resource details for tasks or activities
	Syntax Notes:	
	Semantic Notes:	
	Comments:	
	Notes:	*Use this segment to describe the available resources.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	RSC01	1180	Resource Code (or Identifier)	M AN 1/20

To identify a resource code or identifier (such as a specific skill, department, or material)

Enter the name or code of the resource.

	RSC02	352	Description	O AN 1/80

A free-form description to clarify the related data elements and their content

	RSC03	1181	Resource Type	O ID 2/2

Code identifying the type of allocation or resource being scheduled

EF	Equipment Founded
	Equipment with an operator

Use this code to identify all types of equipment.

LA	Labor
LD	Labor Double Time
LE	Lease
LO	Labor Overtime (Time and a Half)
LP	Labor Premium
LS	Labor Straight Time
MA	Material
MC	Material, Consumable
MN	Material, Nonconsumable
OT	Other
SC	Subcontract

	RSC04	306	Action Code	O ID 1/2

Code indicating type of action

1	Add
2	Change (Update)
3	Delete

Segment:	**TID** Task Identification		
Position:	110		
Loop:	TID	Optional (Must Use)	
Level:	Detail		
Usage:	Optional (Must Use)		
Max Use:	1		
Purpose:	To identify the work task and activity, what type of task it is, and related information		
Syntax Notes:			
Semantic Notes:	1	TID07 is the calendar number identification.	
	2	TID08 is the shift number identification.	
Comments:			
Notes:	*This segment is required.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	TID01	1173	**Task ID Qualifier**	M ID 2/2

Codes to identify the task or activity or event type

03	Activity	
	Generic activity or work task	
04	Interface Activity (when 2 or more separate networks are combined to create 1 network)	
	An activity that links one or more separate, but related, project plans	
06	Milestone	
	A specific event or deliverable item	
08	Constraint - Finish to Start	
	A relationship type for activities - the succeeding activity can't start until the preceding activity is complete	
09	Constraint - Start to Finish	
	A relationship type for activities - the preceding activity can't start until the succeeding activity is finished	
10	Constraint - Finish to Finish	
	A relationship type for activities - the preceding activity can't finish until the succeeding activity is finished	
11	Constraint - Start to Start	
	A relationship type for activities - the preceding activity can't start until the succeeding activity starts	

	Ref. Des.	Data Element	Name	Attributes
Must Use	TID02	1174	**Task Identifier**	O AN 1/20

To identify a task or activity or event number

Enter the task or milestone identification number or code. If the Task ID Qualifier is a constraint (code 08, 09, 10, or 11), enter the predecessor task identification number or code.

	Ref. Des.	Data Element	Name	Attributes
	TID03	1175	**Relationship Task Identifier**	O AN 1/20

To identify a related (successor) task or activity or event number

If the Task ID Qualifier is a constraint (code 08, 09, 10, or 11) or an Interface Activity (code 04), enter the succeeding or related task identification number or code. For activities or milestones (TID01 is code 03 or 06), leave this data element blank.

	Ref. Des.	Data Element	Name	Attributes
	TID04	352	**Description**	O AN 1/80

A free-form description to clarify the related data elements and their content

| | TID05 | 1297 | **Work Status Code** | | O | ID 1/2 |

Code indicating the status for a work task

| | | | CO | Complete |
| | | | ST | Started |

| | TID06 | 306 | **Action Code** | | O | ID 1/2 |

Code indicating type of action

			1	Add
			2	Change (Update)
			3	Delete

| | TID07 | 127 | **Reference Identification** | O | AN 1/30 |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Enter the calendar identification number or reference for the task.

| Not Used | TID08 | 127 | **Reference Identification** | O | AN 1/30 |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| | TID09 | 1178 | **Level** | O | AN 1/3 |

Reporting structure identification

Use to identify the reporting level of the task. Enter a number related to the level such as "1", "2", "3", and so forth.

Segment:	**REF** Reference Identification
Position:	120
Loop:	TID Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	*Use this segment to provide additional reference numbers related to the task or milestone described in the TID segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3

Code qualifying the Reference Identification

43   Supporting Document Number

Supports or clarifies information and values represented in a document

Use this code to provide an Integrated Master Plan (IMP) or Integrated Master Schedule (IMS) reference number.

73   Statement of Work (SOW)

Description of a product or service to be procured under a contract; statement of requirements

74   Work Breakdown Structure (WBS)

A product-oriented family tree composed of hardware, software, services, and data that completely defines the project or program

75   Organization Breakdown Structure

A functionally oriented family tree that shows organization relationships and is used as the framework for assigning work responsibilities

77   Work Package

A detailed, short span task or material item identified by a contractor for doing the work required to complete the contract

78   Planning Package

A logical aggregation of work within a cost account (see code 79) that can be identified and budgeted, but not yet defined into work packages

79   Cost Account

A management control point for cost and schedule planning and control; it represents that work assigned to one responsible organization element and to one work breakdown structure element

80   Charge Number

A number used by financial systems to identify accounts for costs incurred on a contract

			88	Work Center		

88   Work Center

Identifies a specific work area in a manufacturing process

C7   Contract Line Item Number

CT   Contract Number

Use this code to identify a related, but separate contract number for the task or milestone described in the TID segment. This code is only used when there are contract interdependencies in the schedule data. The contract number entered in BPP04 identifies the contract number that applies to the entire schedule data.

FI   File Identifier

Use this code to identify a related file. Enter the file name in REF03.

L4   Proposal Paragraph Number

The place in a proposal where additional information can be found

WO   Work Order Number

Number assigned for work including material and labor beyond normal work required to fulfill a service order

	REF02	**127**	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Use this data element for all codes entered in REF01 with the exception of code FI (file identification).

	REF03	**352**	**Description**	**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Use this data element when REF01 is code FI. Enter the file name in this data element.

Not Used	**REF04**	**C040**	**Reference Identifier**	**O**	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Not Used	**C04001**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**

Code qualifying the Reference Identification

Not Used	**C04002**	**127**	**Reference Identification**	**M**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	**C04003**	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**

Code qualifying the Reference Identification

Not Used	**C04004**	**127**	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	**C04005**	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**

Code qualifying the Reference Identification

Not Used	**C04006**	**127**	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **DTM** Date/Time Reference
Position: 130
Loop: TID   Optional (Must Use)
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

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3

Code specifying type of date or time, or both date and time

196	Start
197	End
240	Baseline Start
	The start date of baseline or original plan
241	Baseline Complete
	The complete date of the baseline or original plan
242	Actual Start
	The actual start date for a task or activity
243	Actual Complete
	The actual complete date for a task or activity
244	Estimated Start
	The revised plan or estimate of the start date for a task or activity
245	Estimated Completion
	The revised plan or estimate of the complete date for a task or activity
246	Start no earlier than
	Fixed start date for a task or activity - cannot begin before this date
247	Start no later than
	Fixed start date for a task or activity - cannot begin after this date
248	Finish no later than
	Fixed finish date for a task or activity - cannot end after this date
249	Finish no earlier than
	Fixed finish date for a task or activity - cannot end before this date
250	Mandatory (or Target) Start
	Fixed start date - must begin on this date
251	Mandatory (or Target) Finish
	Fixed finish date - must finish on this date
252	Early Start
	The earliest date a task or activity can begin
253	Early Finish

The earliest date a task or activity can end

254   Late Start

The latest date a task or activity can begin

255   Late Finish

The latest date a task or activity can end

256   Scheduled Start

The scheduled start for a task or activity based on resource needs

257   Scheduled Finish

The scheduled finish for a task or activity based on resource needs

416   Optimistic Late Start

Best case latest date a task or activity can begin

Use this code to indicate the previous month estimated start date.

417   Optimistic Late Finish

Best case latest date a task or activity can end

Use this code to indicate the previous month estimated complete date.

420   Most Likely Late Start

Most likely latest date a task or activity can begin

Use this code to indicate the previous month minus 1 (2 months back) estimated start date.

421   Most Likely Late Finish

Most likely latest date a task or activity can end

Use this code to indicate the previous month minus 1 (2 months back) estimated complete date.

424   Pessimistic Late Start

Worst case latest date a task or activity can begin

Use this code to indicate the previous month minus 2 (3 months back) estimated start date.

425   Pessimistic Late Finish

Worst case latest date a task or activity can end

Use this code to indicate the previous month minus 2 (3 months back) estimated complete date.

| Must Use | DTM02 | 373 | Date | X | DT 6/6 |

Date (YYMMDD)

| Not Used | DTM03 | 337 | Time | X | 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 | DTM04 | 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	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:	**QTY** Quantity
Position:	140
Loop:	TID Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify quantity information
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	**Quantity Qualifier**	M ID 2/2

Code specifying the type of quantity

1B	Current Duration (in calendar units)
	The current amount of time needed to complete a task or activity
1C	Remaining Duration (in calendar units)
	The remaining amount of time needed to complete a task or activity
1D	Total Float (in calendar units)
	The amount of time a task or activity can be delayed or expanded before it impacts the project end date
1E	Free Float (in calendar units)
	The amount of time a task or activity can be delayed or expanded without impacting on a subsequent task or activity
1F	Lag (as in Lag Time - in calendar units)
	The amount of time delay
1G	Lead Time (in calendar units)
	The amount of intial lead time
A2	Optimistic Duration
	Best case amount of the time needed to complete a task or activity
AV	Budget
	Use this code to indicate the total number of hours budgeted for the task described in the TID segment.

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY02	380	**Quantity**	M R 1/15

Numeric value of quantity

	QTY03	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

Use this data element if it is necessary to indicate the calendar units used when QTY01 is code 1B, 1C, 1D, 1E, 1F, 1G, or A2.

DA	Days
HR	Hours
WK	Week

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		

Segment: **AMT** Monetary Amount
Position: 150
Loop: TID   Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	AMT01	522	**Amount Qualifier Code** Code to qualify amount	M ID 1/2

B5   Budgeted

Use this code to indicate the total budgeted cost for the task identified in the TID segment.

Must Use	AMT02	782	**Monetary Amount** Monetary amount	M R 1/15
Not Used	AMT03	478	**Credit/Debit Flag Code** Code indicating whether amount is a credit or debit	O ID 1/1

Segment:	**PCT** Percent Amounts
Position:	160
Loop:	TID Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To qualify percent amounts and supply percent amounts
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PCT01	1004	Percent Qualifier	M ID 1/2

Code to qualify percent

10	Complete
	The percent of work completed for a given activity, task, or event
11	Remaining
	The percent of remaining work for a given activity, task, or event
17	Physical (Percent) Completed.
	A percent measure of the actual work completed versus the passage of time

	Ref. Des.	Data Element	Name	Attributes
Must Use	PCT02	954	Percent	M R 1/10

Percentage expressed as a decimal

	Segment:	**N1** Name
	Position:	170
	Loop:	TID Optional (Must Use)
	Level:	Detail
	Usage:	Optional
	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:	*Use this segment to identify a work team related to the task or milestone described in the TID segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N101	98	**Entity Identifier Code**	M	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			W1 Work Team		
			W2 Supplier Work Team		
Must Use	N102	93	**Name**	X	AN 1/35
			Free-form name		
			Enter the name or reference code for the work team.		
Not Used	N103	66	**Identification Code Qualifier**	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
Not Used	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:	**PER** Administrative Communications Contact
	Position:	180
	Loop:	TID Optional (Must Use)
	Level:	Detail
	Usage:	Optional
	Max Use:	>1
	Purpose:	To identify a person or office to whom administrative communications should be directed

Syntax Notes:
1 If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:
Notes: *Use this segment to identify a responsible person for the task or milestone described in the TID segment.*

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
Must Use PER01	366	**Contact Function Code**		**M ID 2/2**
		Code identifying the major duty or responsibility of the person or group named		
		RP	Responsible Person	
Must Use PER02	93	**Name**		**O AN 1/35**
		Free-form name		

Provide the last name, first name, and middle initial if available. Include blank spaces between name components and periods after initials.

Ref. Des.	Data Element	Name		Attributes
PER03	365	**Communication Number Qualifier**		**X ID 2/2**
		Code identifying the type of communication number		
		AU	Defense Switched Network	
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
		EM	Electronic Mail	
		FT	Federal Telecommunications System (FTS)	
		FX	Facsimile	
		IT	International Telephone	
		TE	Telephone	
PER04	364	**Communication Number**		**X AN 1/80**
		Complete communications number including country or area code when applicable		
PER05	365	**Communication Number Qualifier**		**X ID 2/2**
		Code identifying the type of communication number		
		AU	Defense Switched Network	
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
		EM	Electronic Mail	
		EX	Telephone Extension	

When used, there must be a previous communication number citing either a national or international telephone number.

| | | FT | Federal Telecommunications System (FTS) | |

			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		
	PER06	**364**	**Communication Number**		**X**	**AN 1/80**

Complete communications number including country or area code when applicable

| | **PER07** | **365** | **Communication Number Qualifier** | | **X** | **ID 2/2** |

Code identifying the type of communication number

AU	Defense Switched Network
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
EM	Electronic Mail
EX	Telephone Extension

When used, there must be a previous communication number citing either a national or international telephone number.

FT	Federal Telecommunications System (FTS)
FX	Facsimile
IT	International Telephone
TE	Telephone

| | **PER08** | **364** | **Communication Number** | | **X** | **AN 1/80** |

Complete communications number including country or area code when applicable

| **Not Used** | **PER09** | **443** | **Contact Inquiry Reference** | | **O** | **AN 1/20** |

Additional reference number or description to clarify a contact number

| Segment: | **PID** Product/Item Description | | | |

Position:	190	
Loop:	TID	Optional (Must Use)
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To describe a product or process in coded or free-form format	
Syntax Notes:	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:	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; an "N" indicates it does not apply. Any other value is indeterminate.
	4	PID09 is used to identify the language being used in PID05.
Comments:	1	If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "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:	*If the task relates to production in a manufacturing type of environment, use this segment to provide details about the item being produced.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PID01	349	**Item Description Type**	M	ID 1/1
			Code indicating the format of a description		
			F　　　　　　　Free-form		
Must Use	PID02	750	**Product/Process Characteristic Code**	O	ID 2/3
			Code identifying the general class of a product or process characteristic		
			08　　　　　　Product		
			09　　　　　　Sub-product		
			12　　　　　　Type and/or Process		
Not Used	PID03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	PID04	751	**Product Description Code**	X	AN 1/12
			A code from an industry code list which provides specific data about a product characteristic		
Must Use	PID05	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	PID06	752	**Surface/Layer/Position Code**	O	ID 2/2
			Code indicating the product surface, layer or position that is being described		
Not Used	PID07	822	**Source Subqualifier**	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
Not Used	PID08	1073	**Yes/No Condition or Response Code**	O	ID 1/1
			Code indicating a Yes or No condition or response		
Not Used	PID09	819	**Language Code**	O	ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)		

Segment:	**MSG** Message Text				

Segment: **MSG** Message Text

Position: 200
Loop: TID   Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a free-form format that allows 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: *Only use this segment one time to provide limited text about the task described in the TID segment.*

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:	**RSC** Resource			

Segment: **RSC** Resource

Position:	210
Loop:	RSC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify resource details for tasks or activities
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*Use this segment to describe the resources assigned to a given task. Use the related segments in this Resource loop to provide additional information about the resource assigned to the task.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	RSC01	1180	**Resource Code (or Identifier)**	**M** AN 1/20

To identify a resource code or identifier (such as a specific skill, department, or material)

Enter the name or code of the resource.

	Ref. Des.	Data Element	Name	Attributes
	RSC02	352	**Description**	**O** AN 1/80

A free-form description to clarify the related data elements and their content

	RSC03	1181	**Resource Type**	**O** ID 2/2

Code identifying the type of allocation or resource being scheduled

01	Consumable
02	Recurring
03	One of

	RSC04	306	**Action Code**	**O** ID 1/2

Code indicating type of action

1	Add
2	Change (Update)
3	Delete

			Segment:	**REF** Reference Identification		

Segment: **REF** Reference Identification
Position: 220
Loop: RSC   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
1   At least one of REF02 or REF03 is required.
2   If either C04003 or C04004 is present, then the other is required.
3   If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1   REF04 contains data relating to the value cited in REF02.
Comments:
Notes: *Use this segment to provide reference numbers related to the resource described in the Resource segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	M ID 2/3

     70   Calendar Number

                 Identifies a working calendar (for example, Monday through Friday) for a company, division, or labor group

     87   Functional Category

                 An organization or groups of organizations with a common operational orientation such as Quality Control Engineering, etc

     DP   Department Number

	REF02	127	**Reference Identification**	X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Use this data element when REF01 is code 70 (Calendar Number).

	REF03	352	**Description**	X AN 1/80

A free-form description to clarify the related data elements and their content

Use this data element when REF01 is code 87 (Functional Category) or DP (Department).

Not Used	REF04	C040	**Reference Identifier**	O

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Not Used	C04001	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	**Reference Identification**	X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	Segment:	**DTM** Date/Time Reference
	Position:	230
	Loop:	RSC Optional
	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

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**		M ID 3/3
			Code specifying type of date or time, or both date and time		
			193	Period Start	
			194	Period End	
			196	Start	
			197	End	
			256	Scheduled Start	
				The scheduled start for a task or activity based on resource needs	
			257	Scheduled Finish	
				The scheduled finish for a task or activity based on resource needs	
Must Use	DTM02	373	**Date**		X DT 6/6
			Date (YYMMDD)		
Not Used	DTM03	337	**Time**		X 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	DTM04	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	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:	**QTY** Quantity

Segment: **QTY** Quantity
Position: 240
Loop: RSC   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	QTY01	673	**Quantity Qualifier**		M ID 2/2
			Code specifying the type of quantity		
			1P	Resource (Quantity) available	
				Resource amount such as labor hours or material dollars available for a task or activity	
			1Q	Total Resource (Quantity)	
				Total amount of the resources available for the total duration of the task or activity	
			1R	Level Resource (Quantity)	
				The amount of resources available for each time unit for the duration of the task or activity	
			AV	Budget	
Must Use	QTY02	380	**Quantity**		M R 1/15
			Numeric value of quantity		
	QTY03	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		
			Use code that applies.		
			HR	Hours	
			UN	Unit	
			WM	Working Months	
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** 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

Segment:	**AMT** Monetary Amount
Position:	250
Loop:	RSC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To indicate the total monetary amount
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	AMT01	522	**Amount Qualifier Code**		M ID 1/2
			Code to qualify amount		
			B5	Budgeted	
Must Use	AMT02	782	**Monetary Amount**		M R 1/15
			Monetary amount		
Not Used	AMT03	478	**Credit/Debit Flag Code**		O ID 1/1
			Code indicating whether amount is a credit or debit		

Segment: **PCT** Percent Amounts

Position: 260
Loop: RSC   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To qualify percent amounts and supply percent amounts
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PCT01	1004	**Percent Qualifier**	M ID 1/2
			Code to qualify percent	
			14 Availability Factor	
			A resource availability percentage	
			15 Efficiency Factor	
			16 Scrap or Rework Yield	
Must Use	PCT02	954	**Percent**	M R 1/10
			Percentage expressed as a decimal	

			Segment:	**PAM** Period Amount		

Segment: **PAM** Period Amount

Position: 280
Loop: RSC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate a quantity, and/or amount for an identified period
Syntax Notes:
1 If any of PAM01 PAM02 or PAM03 is present, then all are required.
2 At least one of PAM02 PAM05 or PAM14 is required.
3 If either PAM04 or PAM05 is present, then the other is required.
4 If either PAM06 or PAM07 is present, then the other is required.
5 If PAM07 is present, then at least one of PAM08 or PAM09 is required.
6 If PAM07 is present, then PAM06 is required.
7 If PAM08 is present, then PAM07 is required.
8 If PAM09 is present, then PAM07 is required.
9 If PAM10 is present, then at least one of PAM11 or PAM12 is required.
10 If PAM11 is present, then PAM10 is required.
11 If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:
1 PAM10, PAM11, or PAM12 are used when two dates are required.
Comments:
Notes: *Use this segment when quantities, amounts, and percents need to be related to one or two dates.*

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
PAM01	673	**Quantity Qualifier**	X	ID 2/2
		Code specifying the type of quantity		
		AV Budget		
PAM02	380	**Quantity**	X	R 1/15
		Numeric value of quantity		
PAM03	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		
		HR Hours		
		WM Working Months		
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

	PAM04	522	**Amount Qualifier Code**	X	ID 1/2

Code to qualify amount

    B5   Budgeted

	PAM05	782	**Monetary Amount**	X	R 1/15

Monetary amount

	PAM06	344	**Unit of Time Period or Interval**	X	ID 2/2

Code indicating the time period or interval

    KL   As Required
    MO   Month

	PAM07	374	**Date/Time Qualifier**	X	ID 3/3

Code specifying type of date or time, or both date and time

    196   Start

	PAM08	373	**Date**	X	DT 6/6

Date (YYMMDD)

Not Used	PAM09	337	**Time**	X	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)

	PAM10	374	**Date/Time Qualifier**	X	ID 3/3

Code specifying type of date or time, or both date and time

    197   End

	PAM11	373	**Date**	X	DT 6/6

Date (YYMMDD)

Not Used	PAM12	337	**Time**	X	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	PAM13	1004	**Percent Qualifier**	X	ID 1/2

Code to qualify percent

Not Used	PAM14	954	**Percent**	X	R 1/10

Percentage expressed as a decimal

	Segment:	**MLS** Milestone
	Position:	290
	Loop:	MLS Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To identify milestone details for tasks or activities
	Syntax Notes:	
	Semantic Notes:	
	Comments:	
	Notes:	*Use this segment to describe milestones associated with a task. Use the related segments in this Milestone loop to provide additional information about the milestone described in this segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MLS01	1171	**Milestone Number Identification**	M AN 1/20
			To identify a milestone number	

Enter the name, code, or reference number for the milestone.

	Ref. Des.	Data Element	Name	Attributes
	MLS02	352	**Description**	O AN 1/80
			A free-form description to clarify the related data elements and their content	
	MLS03	1297	**Work Status Code**	O ID 1/2
			Code indicating the status for a work task	

	CO	Complete
	RE	Revised
	ST	Started

	Ref. Des.	Data Element	Name	Attributes
	MLS04	306	**Action Code**	O ID 1/2
			Code indicating type of action	

	1	Add
	2	Change (Update)
	3	Delete

Segment:	**REF** Reference Identification			

Position: 300
Loop: MLS   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1   At least one of REF02 or REF03 is required.
         2   If either C04003 or C04004 is present, then the other is required.
         3   If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1   REF04 contains data relating to the value cited in REF02.
Comments:
Notes: *Use this segment to provide reference numbers related to the milestone described in the Milestone segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	REF01	128	Reference Identification Qualifier	M	ID 2/3

Code qualifying the Reference Identification

      77   Work Package

A detailed, short span task or material item identified by a contractor for doing the work required to complete the contract

      80   Charge Number

A number used by financial systems to identify accounts for costs incurred on a contract

      81   Symbol Number (for Milestone or LOB reports)

Symbols are used for graphical representation on Milestone schedule reports and Line of Balance reports; the various symbols indicate planned, revised, completed, and slipped events; symbols used are mutually agreed upon between supplier and customer

      WO   Work Order Number

Number assigned for work including material and labor beyond normal work required to fulfill a service order

	Ref. Des.	Data Element	Name	Attributes	
Must Use	REF02	127	Reference Identification	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	REF03	352	Description	X	AN 1/80

A free-form description to clarify the related data elements and their content

Not Used	REF04	C040	Reference Identifier	O	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Not Used	C04001	128	Reference Identification Qualifier	M	ID 2/3

Code qualifying the Reference Identification

Not Used	C04002	127	Reference Identification	M	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3

Code qualifying the Reference Identification

Not Used	C04004	127	Reference Identification	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	C04005	128	**Reference Identification Qualifier**	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **DTM** Date/Time Reference

Position:	310
Loop:	MLS Optional
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

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	Date/Time Qualifier	M	ID 3/3

Code specifying type of date or time, or both date and time

196	Start
197	End
240	Baseline Start
	The start date of baseline or original plan
241	Baseline Complete
	The complete date of the baseline or original plan
242	Actual Start
	The actual start date for a task or activity
243	Actual Complete
	The actual complete date for a task or activity
244	Estimated Start
	The revised plan or estimate of the start date for a task or activity
245	Estimated Completion
	The revised plan or estimate of the complete date for a task or activity

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM02	373	Date	X	DT 6/6

Date (YYMMDD)

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM03	337	Time	X	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)

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM04	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

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM05	624	Century	O	N0 2/2

The first two characters in the designation of the year (CCYY)

	Ref. Des.	Data Element	Name		Attributes
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

Refer to 003060 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name		Attributes
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:	**QTY** Quantity		
	Position:	320		
	Loop:	MLS Optional		
	Level:	Detail		
	Usage:	Optional		
	Max Use:	>1		
	Purpose:	To specify quantity information		
	Syntax Notes:			
	Semantic Notes:			
	Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	QTY01	673	**Quantity Qualifier**	M	ID 2/2

Code specifying the type of quantity

AT	Actual	
AV	Budget	
VE	Earned Value	

The value of completed work or completed portions of work effort expressed in quantity units, typically hours

	Ref. Des.	Data Element	Name	Attributes	
Must Use	QTY02	380	**Quantity**	M	R 1/15

Numeric value of quantity

	Ref. Des.	Data Element	Name	Attributes	
	QTY03	C001	**Composite Unit of Measure**	O	

To identify a composite unit of measure (See Figures Appendix for examples of use)

	Ref. Des.	Data Element	Name	Attributes	
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

HR   Hours

Use this code to identify that the quantity entered in QTY02 is for hours - i.e., the number of hours related to the milestone.

UN   Unit

Use this code to assign unit weights to the milestone. The figure entered in QTY02 is used to calculate earned value when the milestone is complete - it is a certain "weight" or percentage of the total budget allocated to a task that has many milestones.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	C00102	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

	Ref. Des.	Data Element	Name	Attributes	
Not Used	C00103	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
Not Used	C00105	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

	Ref. Des.	Data Element	Name	Attributes	
Not Used	C00106	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	Ref. Des.	Data Element	Name	Attributes	
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** 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

Segment: **AMT** Monetary Amount

Position: 330
Loop: MLS   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	AMT01	522	**Amount Qualifier Code**	M	ID 1/2
			Code to qualify amount		
			B5	Budgeted	
			CW	Earned Value	
			CX	Actual	
Must Use	AMT02	782	**Monetary Amount**	M	R 1/15
			Monetary amount		
Not Used	AMT03	478	**Credit/Debit Flag Code**	O	ID 1/1
			Code indicating whether amount is a credit or debit		

Segment:	**PCT** Percent Amounts
Position:	340
Loop:	MLS Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To qualify percent amounts and supply percent amounts
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*Use this segment as an alternative to using the Quantity segment to assign an earned value weight to a particular milestone. This weight percent is used to calculate earned value for a task that has many milestones - each milestone is worth so much earned value when complete. The earned value that can be earned when the given milestone is completed may be entered as a quantity (hours) or monetary amount (dollars) in the QTY or AMT segments in this Milestone loop.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PCT01	1004	**Percent Qualifier** Code to qualify percent	M ID 1/2
			18 Percent of Value	
Must Use	PCT02	954	**Percent** Percentage expressed as a decimal	M R 1/10

Segment:		SE Transaction Set Trailer		

Position:	350
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**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			SE02 is the same number as the number in ST02.	

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