

806 Project Schedule Reporting

Functional Group ID=**PJ**

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 government 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 NI (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. An example appendix titled "Example - Project Schedule Reporting Transaction Set (806)" is available for this implementation convention. The appendix can be found on the National Institute of Standards (NIST) world wide web site. The appendix provides additional reference information on how the 806 transaction set can be used to exchange planning and scheduling data.*

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	010	ST	Transaction Set Header	M	1		

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5	020	BPP	Beginning Segment for Project Schedule Reporting	M	1
8	030	REF	Reference Identification	O	>1
LOOP ID - N1					>1
10	040	N1	Name	O	1
12	050	N2	Additional Name Information	O	2
13	060	N3	Address Information	O	2
14	070	N4	Geographic Location	O	1
Not Used	080	REF	Reference Identification	O	>1
15	090	PER	Administrative Communications Contact	O	>1
Not Used	100	DTM	Date/Time Reference	O	>1

Detail:

<u>Page No.</u>	<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 - CAL						>1	
18	010	CAL	Calendar	O	1		
Not Used	020	QTY	Quantity	O	>1		
20	030	DTM	Date/Time Reference	O	>1		
LOOP ID - RSC						>1	
21	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	
23	110	TID	Task Identification	O	1		
25	120	REF	Reference Identification	O	>1		
28	130	DTM	Date/Time Reference	O	>1		
31	140	QTY	Quantity	O	>1		
34	150	AMT	Monetary Amount	O	>1		
35	160	PCT	Percent Amounts	O	>1		
36	170	N1	Name	O	>1		
37	180	PER	Administrative Communications Contact	O	>1		
40	190	PID	Product/Item Description	O	>1		
LOOP ID - MTX						>1	
42	201	MTX	Text	O	1		
Not Used	202	DTM	Date/Time Reference	O	>1		
Not Used	203	NM1	Individual or Organizational Name	O	>1		
Not Used	204	REF	Reference Identification	O	>1		
LOOP ID - RSC						>1	
43	210	RSC	Resource	O	1		
44	220	REF	Reference Identification	O	>1		
46	230	DTM	Date/Time Reference	O	>1		

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48	240	QTY	Quantity	O	>1
50	250	AMT	Monetary Amount	O	>1
51	260	PCT	Percent Amounts	O	>1
Not Used	270	RPA	Rate Amounts or Percents	O	>1
52	280	PAM	Period Amount	O	>1
LOOP ID - MLS					>1
55	290	MLS	Milestone	O	1
56	300	REF	Reference Identification	O	>1
58	310	DTM	Date/Time Reference	O	>1
60	320	QTY	Quantity	O	>1
62	330	AMT	Monetary Amount	O	>1
63	340	PCT	Percent Amounts	O	>1
64	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) is 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>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143		Transaction Set Identifier Code	M ID 3/3
				Code uniquely identifying a Transaction Set 806 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 <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>	

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.
 - 9 BPP14 is the schedule version number.

Comments:

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
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	
			<i>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.</i>	
		20	Final Transmission	
			<i>Use this code to transmit final schedule data when preliminary data has been sent (code 14).</i>	
		22	Information Copy	
			<i>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 (1/N1/040) segment. Use code ZD, Party to Receive Reports, in N101.</i>	
Must Use	BPP02	373	Date	M DT 8/8

Date expressed as CCYYMMDD

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

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		
			<i>Enter the contract number.</i>		
	BPP05	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			<i>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.</i>		
	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		
			<i>Enter the program number.</i>		
Must Use	BPP07	373	Date	O	DT 8/8
			Date expressed as CCYYMMDD		
			<i>Enter the report effective date. This is considered to be the date the data was pulled or extracted from the source database.</i>		
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	
			<i>Use this code for an Integrated Master Plan (IMP).</i>	
		31	Master Schedule	
			<i>Use this code for an Integrated Master Schedule (IMS).</i>	
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		
		<i>Enter a unique schedule reference number for this transaction set.</i>		
BPP10	352	Description		O AN 1/80
		A free-form description to clarify the related data elements and their content		
		<i>Enter the name or short description of the schedule.</i>		
Must Use BPP11	373	Date		O DT 8/8
		Date expressed as CCYYMMDD		
		<i>Enter the schedule status effective date. This is the Time Now date for the data.</i>		
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		
		<i>Enter a priority reference for the schedule data.</i>		
BPP13	786	Security Level Code		O ID 2/2
		Code indicating the level of confidentiality assigned by the sender to the information following		
		<i>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.</i>		
		11	Competition Sensitive	
		90	Government Non-Classified	
		92	Government Confidential	
		93	Government Secret	
		94	Government Top Secret	
BPP14	799	Version Identifier		O AN 1/30
		Revision level of a particular format, program, technique or algorithm		
		<i>Enter a version number or reference for the schedule data.</i>		

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

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	
		<i>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.</i>	
		92 Change Document Number	
		Reference numbers to track changes made to a contract	
		AT Appropriation Number	
		C4 Change Number	
		CA Cost Allocation Reference	
		<i>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.</i>	
		KS Solicitation	

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

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	
			<i>Use to enter the reference number.</i>	
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.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
		FR	Message From	
			<i>Use this code to identify the organization sending the schedule data.</i>	
		TO	Message To	
			<i>Use this code to identify the organization receiving the schedule 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 schedule data.</i>	
	N102	93	Name	X AN 1/60
			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 2/80
			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 2/3
			Code identifying an organizational entity, a physical location, property 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.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name Free-form name	M AN 1/60
	N202	93	Name Free-form name	O AN 1/60

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

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	N301	166 Address Information Address information	M AN 1/55
	N302	166 Address Information Address information	O AN 1/55

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.	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 3/15
Not Used	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: **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.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
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	
Must Use	PER02	93	Name	O AN 1/60
			Free-form name	
			<i>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>	
Must Use	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			<i>1. Use PER03 and PER04 to identify the preferred method of communication. Use PER05, PER06, PER07, and PER08 as needed to identify alternate communication methods.</i>	
			<i>2. Do not include blank spaces, dashes or parentheses between numbers.</i>	
			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	
			<i>Use to identify the facsimile (FAX) telephone number.</i>	
			IT International Telephone	

					<i>Include country and city codes.</i>
			TE	Telephone	
					<i>Use to identify the commercial telephone number. Include the area code and number.</i>
Must Use	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	
					<i>When used, there must be a previous communication number citing either a national or international telephone number.</i>
			FT	Federal Telecommunications System (FTS)	
			FX	Facsimile	
					<i>Use to identify the facsimile (FAX) telephone number.</i>
			IT	International Telephone	
					<i>Include country and city codes.</i>
			TE	Telephone	
					<i>Use to identify the commercial telephone number. Include the area code and number.</i>
	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	
					<i>When used, there must be a previous communication number citing either a national or international telephone number.</i>
			FT	Federal Telecommunications System (FTS)	

FX Facsimile
Use to identify the facsimile (FAX) telephone number.

IT International Telephone
Include country and city codes.

TE Telephone
*Use to identify the commercial telephone number.
 Include the area code and number.*

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 <i>Use this data element to enter the title of the person named in PER02.</i>	

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

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
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	
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	
		<i>Enter the number or name of the calendar.</i>	
Not Used	CAL03	344 Unit of Time Period or Interval	O ID 2/2
		Code indicating the time period or interval	
Not Used	CAL04	374 Date/Time Qualifier	O ID 3/3
		Code specifying type of date or time, or both date and time	
Not Used	CAL05	373 Date	O DT 8/8
		Date expressed as CCYYMMDD	
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	
Not Used	CAL09	374	Date/Time Qualifier	O ID 3/3
			Code specifying type of date or time, or both date and time	
Not Used	CAL10	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
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: **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 DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
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 8/8
		Date expressed as CCYYMMDD	
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	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format	
Not Used	DTM06	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.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
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)	
			<i>Enter the name or code of the resource.</i>	
	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	
			<i>Use this code to identify all types of equipment.</i>	
		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)	

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

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
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	
Must Use	TID02	1174	Task Identifier	O AN 1/20
			To identify a task or activity or event number	

			<i>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.</i>
	TID03	1175	Relationship Task Identifier O AN 1/20 To identify a related (successor) task or activity or event number
			<i>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.</i>
	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 <i>Enter the calendar identification number or reference for the task.</i>
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 <i>Use to identify the reporting level of the task. Enter a number related to the level such as "1", "2", "3", and so forth.</i>

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.	Data	Attributes
<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>M</u> <u>ID</u> <u>2/3</u>
Must Use	REF01	
	128	
	Reference Identification Qualifier	
	Code qualifying the Reference Identification	
	43	Supporting Document Number
		Supports or clarifies information and values represented in a document
	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	Identifies a specific work area in a manufacturing process
C7	Contract Line Item Number	
CT	Contract Number	<i>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.</i>
FI	File Identifier	<i>Use this code to identify a related file. Enter the file name in REF03.</i>
IMP	Integrated Master Plan (IMP)	
IMS	Integrated Master Schedule (IMS)	
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 DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element	Date/Time Qualifier	M ID 3/3
Must Use	DTM01	374	
		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
417	Optimistic Late Finish Best case latest date a task or activity can end
420	Most Likely Late Start Most likely latest date a task or activity can begin
421	Most Likely Late Finish Most likely latest date a task or activity can end
424	Pessimistic Late Start Worst case latest date a task or activity can begin
425	Pessimistic Late Finish Worst case latest date a task or activity can end
ECF	Estimated Completion - First Prior Month
ECS	Estimated Completion - Second Prior Month
ECT	Estimated Completion - Third Prior Month
ESF	Estimated Start - First Prior Month
ESS	Estimated Start - Second Prior Month
EST	Estimated Start - Third Prior Month
RFF	Recovery Finish
RSS	Recovery Start

Must Use	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
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	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM06	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: 1 At least one of QTY02 or QTY04 is required.
 2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
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 initial lead time	
		A2	Optimistic Duration Best case amount of the time needed to complete a task or activity	
		AV	Budget <i>Use this code to indicate the total number of hours budgeted for the task described in the TID segment.</i>	
Must Use	QTY02	380	Quantity Numeric value of quantity	X R 1/15
	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	
			<i>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.</i>	
			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

Not Used	QTY04	61	Value to be used as a multiplier to obtain a new value Free-Form Message Free-form information	X AN 1/30
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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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount B5 Budgeted	M ID 1/3
<i>Use this code to indicate the total budgeted cost for the task identified in the TID segment.</i>				
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18
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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
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	
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.	Data	Attributes
	Des.	Element Name	
Must Use	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual W1 Work Team W2 Supplier Work Team	M ID 2/3
Must Use	N102	93 Name Free-form name <i>Enter the name or reference code for the work team.</i>	X AN 1/60
Not Used	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X ID 1/2
Not Used	N104	67 Identification Code Code identifying a party or other code	X AN 2/80
Not Used	N105	706 Entity Relationship Code Code describing entity relationship	O ID 2/2
Not Used	N106	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O ID 2/3

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.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
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 1/60
			Free-form name	
			<i>Provide the last name, first name, and middle initial if available. Include blank spaces between name components and periods after initials.</i>	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			<i>1. Use PER03 and PER04 to identify the preferred method of communication. Use PER05, PER06, PER07, and PER08 as needed to identify alternate communication methods.</i>	
			<i>2. Do not include blank spaces, dashes or parentheses between numbers.</i>	
		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	
			<i>Use to identify the facsimile (FAX) telephone number.</i>	

		IT	International Telephone <i>Include country and city codes.</i>	
		TE	Telephone <i>Use to identify the commercial telephone number. Include the area code and number.</i>	
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 <i>When used, there must be a previous communication number citing either a national or international telephone number.</i>	
		FT	Federal Telecommunications System (FTS)	
		FX	Facsimile <i>Use to identify the facsimile (FAX) telephone number.</i>	
		IT	International Telephone <i>Include country and city codes.</i>	
		TE	Telephone <i>Use to identify the commercial telephone number. Include the area code and number.</i>	
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 <i>When used, there must be a previous communication number citing either a national or international telephone number.</i>	

FT Federal Telecommunications System (FTS)
 FX Facsimile
Use to identify the facsimile (FAX) telephone number.
 IT International Telephone
Include country and city codes.
 TE Telephone
Use to identify the commercial telephone number. Include the area code and number.

	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 PID04 is required.
- 5 If PID09 is present, then PID05 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.	Data	Attributes
	Des.	Element Name	
Must Use	PID01	349 Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
Must Use	PID02	750 Product/Process Characteristic Code Code identifying the general class of a product or process characteristic 08 Product 09 Sub-product 12 Type and/or Process	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	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: **MTX** Text

Position: 201

Loop: MTX Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

2 If MTX03 is present, then MTX02 is required.

Semantic Notes:

Comments:

Notes: *Use this segment to provide limited text about the task described in the TID segment. Only use this segment one time for each occurrence of the TID segment.*

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	MTX01	363 Note Reference Code Code identifying the functional area or purpose for which the note applies TES Task Statement	O ID 3/3
Must Use	MTX02	1551 Message Text To transmit large volumes of message text	X AN 1/4096
Not Used	MTX03	1551 Message Text To transmit large volumes of message text	O AN 1/4096
Not Used	MTX04	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
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.	Data	Name	Attributes
Des.	Element		
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)	
		<i>Enter the name or code of the resource.</i>	
	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
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	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	
		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	
		<i>Use this data element when REF01 is code 70 (Calendar Number).</i>	
	REF03	352 Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Use this data element when REF01 is code 87 (Functional Category) or DP (Department).</i>	
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: 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 DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 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	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 8/8
			Date expressed as CCYYMMDD	
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	1250	Date Time Period Format Qualifier	X ID 2/3

Not Used	DTM06	1251	Date Time Period	X AN 1/35
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Code indicating the date format, time format, or date and time format
Expression of a date, a time, or range of dates, times or dates and times

Segment: **QTY** Quantity
Position: 240
Loop: RSC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
 2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
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	X 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	
			<i>Use code that applies.</i>	
			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	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	
Not Used	QTY04	61	Free-Form Message	X AN 1/30
			Free-form information	

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

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount B5 Budgeted	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18
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: 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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
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
- 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.
 - 2 PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.
- Comments:**
- Notes:** *Use this segment when quantities, amounts, and percents need to be related to one or two dates.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
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 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
	PAM04	522	Amount Qualifier Code Code to qualify amount B5 Budgeted	X ID 1/3
	PAM05	782	Monetary Amount Monetary amount	X R 1/18
	PAM06	344	Unit of Time Period or Interval Code indicating the time period or interval KL As Required MO Month	X ID 2/2
	PAM07	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	X ID 3/3

			196	Start	
	PAM08	373	Date		X DT 8/8
			Date expressed as CCYYMMDD		
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 8/8
			Date expressed as CCYYMMDD		
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		
Not Used	PAM15	1073	Yes/No Condition or Response Code		O ID 1/1
			Code indicating a Yes or No condition or response		

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

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MLS01	1171	Milestone Number Identification To identify a milestone number <i>Enter the name, code, or reference number for the milestone.</i>	M AN 1/20
	MLS02	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
	MLS03	1297	Work Status Code Code indicating the status for a work task CO Complete RE Revised ST Started	O ID 1/2
	MLS04	306	Action Code Code indicating type of action 1 Add 2 Change (Update) 3 Delete	O ID 1/2

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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
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	
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 DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 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	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
Must Use	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
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	1250	Date Time Period Format Qualifier	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM06	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: 1 At least one of QTY02 or QTY04 is required.
 2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	QTY01	673	Quantity Qualifier 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	M ID 2/2
Must Use	QTY02	380	Quantity Numeric value of quantity	X R 1/15
	QTY03	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 HR Hours <i>Use this code to identify that the quantity entered in QTY02 is for hours - i.e., the number of hours related to the milestone.</i> UN Unit <i>Use this code to assign unit weights to the milestone. The quantity 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.</i>	M ID 2/2
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	
Not Used	QTY04	61	Free-Form Message	X AN 1/30
			Free-form information	

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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount B5 Budgeted CW Earned Value CX Actual	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18
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: 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.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	PCT01	1004	Percent Qualifier	M ID 1/2
			Code to qualify percent	
			18 Percent of Value	
Must Use	PCT02	954	Percent	M R 1/10
			Percentage expressed as a decimal	

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.	Data		
	Des.	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	
			<i>SE02 is the same number as the number in ST02.</i>	