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NIST

Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003060 Transaction Set 806 Project Schedule Reporting

Implementation Convention



QC 100 .U57 NO.881-46 19998 U.S. DEPARTMENT OF COMMERCE Technology Administration National Institute of Standards and Technology The National Institute of Standards and Technology was established in 1988 by Congress to "assist industry in the development of technology ... needed to improve product quality, to modernize manufacturing processes, to ensure product reliability ... and to facilitate rapid commercialization ... of products based on new scientific discoveries."

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¹At Boulder, CO 80303.

²Some elements at Boulder, CO.

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Electronic Commerce Acquisition Program Management Office Standard Management Committee - Secretariat National Institute of Standards and Technology Gaithersburg, MD 20899-0001

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U.S. DEPARTMENT OF COMMERCE William M. Daley, Secretary

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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.

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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.

Must Use	Pos. <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> l	Loop <u>Repeat</u>	Notes and <u>Comments</u>
Must Use	020	BPP	Beginning Segment for Project Schedule Reporting	М	1		
	030	REF	Reference Identification	0	>1		
			LOOP ID - NI			>1	
Must Use	040	N1	Name	0	1	la da selo ado di al'esta esta a esta esta esta esta esta est	
	050	N2	Additional Name Information	0	2		
	060	N3	Address Information	0	2		
	070	N4	Geographic Location	0	1		
Not Used	080	REF	Reference Identification	0	>1		
Must Use	090	PER	Administrative Communications Contact	Ο	>1		
Not Used	100	DTM	Date/Time Reference	0	>1		

Heading:

Detail:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and <u>Comments</u>
	010	CAL	LOOP ID - CAL			>1	
NT - 17 1	010	CAL	Calendar	0			
Not Used	020	QTY	Quantity	0	>1		
	030	DTM	Date/Time Reference	0	>1		
			LOOP ID - RSC	terrana senata telar terranala terra dega	en estant manifester man senandan synd _{er a} n	>1	
	040	RSC	Resource	0	1		
Not Used	050	REF	Reference Identification	Ο	>1		
Not Used	060	DTM	Date/Time Reference	0	>1		
Not Used	070	QTY	Quantity	0	>1		
Not Used	080	AMT	Monetary Amount	0	>1		
Not Used	090	PCT	Percent Amounts	0	>1		
Not Used	100	RPA	Rate Amounts or Percents	0	>1		
			LOOP ID - TID			>1	
Must Use	110	TID	Task Identification	0	1	an a	denter an index and an end and the Dela Chel and the index and the index of the index of the index of the index
	120	REF	Reference Identification	0	>1		
	130	DTM	Date/Time Reference	0	>1		
	140	QTY	Quantity	0	>1		
	150	AMT	Monetary Amount	0	>1		
	160	PCT	Percent Amounts	0	>1		
	170	N1	Name	0	>1		
	180	PER	Administrative Communications Contact	0	>1		
	190	PID	Product/Item Description	0	>1		
	200	MSG	Message Text	0	>1		
			LOOP ID - RSC	•••		>1	
	210	RSC	Resource	0	er en en allet in det en et en en et in her en et 1	nimettimini metricali in tana	ala ta dan dan dan dan sana sa karenda dan sana sa karenda dan sana sa karenda dan sa karenda dan sa karenda da
	220	REF	Reference Identification	0	>1		
	230	DTM	Date/Time Reference	0	>1		
	240	QTY	Quantity	0	>1		
	250	AMT	Monetary Amount	0	>1		
	260	РСТ	Percent Amounts	О	>1		
Not Used	270	RPA	Rate Amounts or Percents	О	>1		
	280	PAM	Period Amount	0	>1		
			LOOP ID - MLS			>1	
	290	MLS	Milestone		et distation si standard minana 1	adarati mahti tahula tarihi kara	nan de la lange d'an é a chéangé dan an déri défendén a sé "ban
	300	REF	Reference Identification	0	>1		
	310	DTM	Date/Time Reference	0	>1		
	320	QTY	Quantity	0	>1		
	330	AMT	Monetary Amount	0	>1		
		PCT	Percent Amounts	0	>1		
	340	ICI	I cicciit Amounts	0	~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:

	Ref.	Data				
	Des.	Element	<u>Name</u>		Att	<u>ributes</u>
Must Use	ST01	143	Transaction S	et Identifier Code	Μ	ID 3/3
			Code uniquely	identifying a Transaction Set		
			806	X12.196 Project Schedule Reporting		
Must Use	ST02	329	Transaction S	et Control Number	Μ	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
		origi	2 · · · · · · · · · · · · · · · · · · ·	ber assigned by the originator of the transa plication program. This number is the san		•
			and the stand and a set to the section of the secti			

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:	

	Ref.	Data		
	Des.	Element	<u>Name</u>	Attributes
Must Use	BPP01	353	Transaction Set P	-
				urpose 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).
Must Use	BPP02	373	Date Date (YYMMDD)	M DT 6/6
			Enter the date the purposes only.	data report was created. This date is used for reference
Must Use	BPP03	1164	Network or Sched Codes to identify th	ule Data Type M ID 2/2 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		_
				names and duration of tasks; duration	as sho	own with
			04	lines to illustrate start and finish dates		
			04	Milestone		
				Method to illustrate significant events		
				events may represent significant delive tasks to measure contract progress	erable	es or other
			05	Line of Balance (LOB)		
			05	Method to illustrate manufacturing del	livera	bles or other
				tasks	IIV CI a	oles of other
			06	Task List		
				Simple listing of tasks required to com	plete	a contract
	BPP04	367	Contract Number		x	AN 1/30
			Contract number			
			Enter the contract	numbor	£	
			Liner the contract	in an in Der.		
	BPP05	352	Description		x	AN 1/80
		UUUU	-	tion to clarify the related data elements		
			-	short description of the program. If the		
			Request for Quote	or Request for Proposal (RFQ/RFP), en t and provide the solicitation or propos	nter t	he description
	BPP06	127	Reference Identifie	cation	X	AN 1/30
			Reference informat	ion as defined for a particular Transactio	on Set	oras
				ference Identification Qualifier		
			Enter the program		• •	
			la. Section of the section	and the second		
Aust Use	BPP07	373	Date		0	DT 6/6
			Date (YYMMDD)			
				fective date. This is considered to be the from the source database.	date:	the data was
Must Use	BPP08	755	Report Type Code		0	ID 2/2
lust Use	DIIVO	100		title or contents of a document, report o		
			21	Recovery Plan		
			26	Production Plan		
			20	Use this code for an Integrated Maste	P DI-	n (IMD)
				Ose inis coue for an integrated music	a x iu	n (1911).
			31	Master Schedule	an and a local second and a second	Annue,
			51		w Sal	adula
				Use this code for an Integrated Maste (IMS).	ar Sen	eunte
	BPP09	127	Reference Identifie	cation	0	AN 1/30
	DIIO			ion as defined for a particular Transaction		
				ference Identification Qualifier		
			Enter the unique so code can be used to	chedule reference number for this trans link related transaction sets together (ting 839 or Specifications/Technical In	for es	cample, with a
			All lines			
	BPP10	352	Description		0	AN 1/80

			A free-form description to clarify the related data elements and their content					
			Enter the nan	ne or short description of the sch	iedule.			
Must Use	BPP11	373	Date Date (YYMM	durante en	O DT 6/6			
			Enter the sch data.	edule status effective date. This	is the Time Now date for the	he		
	BPP12	127	Reference Ide	entification	O AN 1/3	0		
			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	P13 786	Security Leve	el 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 pr		ty measures such as encry	puon		
			11	Competition Sensitive		an a		
			90	Government Non-Classif	ied			
			92	Government Confidentia				
			93	Government Secret				
			94	Government Top Secret				

REF Reference Identification Segment: 030 **Position:** Loop: Level: Heading Optional Usage: Max Use: >1 **Purpose:** To specify identifying information **Syntax Notes:** 1 At least one of REF02 or REF03 is required. If either C04003 or C04004 is present, then the other is required. 2 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.

	Ref. Des.	Data <u>Element</u>	Name		<u>Attributes</u>
Must Use	REF01	128		ntification Qualifier	M ID 2/3
				g the Reference Identification	
			39	Proposal Number	
			72	Schedule Reference Number	
				Identifies a number for a program s example, a logic type of network) of to complete a specific task or set of Use this code to indicate there is a Schedule Reporting (806) transact complements this transaction set. reference number entered in REF same unique reference number en (1/BPP/020) in the related 806 tra	or working schedule f tasks related Project tion set(s) that The unique 202 should be the attered in BPP09
					Mark Waterstein State
			92	Change Document Number	
				Reference numbers to track change	es made to a contract
			AT	Appropriation Number	
			C4	Change Number	
			CA	Cost Allocation Reference	
				Use this code to indicate there is a Reporting (839) transaction set(s) this transaction set. The unique r entered in REF02 should be the se reference number entered in REF the 839 transaction set.	that complements eference number ame unique
			KS	Solicitation	
				A discreet number assigned by the to differentiate between different set	
			NJ	Technical Document Number Use this code to indicate there is a Specifications/Technical Informa- transaction set(s) that complement set. The unique reference number should be the same unique referen- in SPI03 (1/SPI/020) in the 841 tr	tion (841) ts this transaction r entered in REF02 nce number entered

Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transacti specified by the Reference Identification Qualifier Use to enter the reference number.	X on Se	AN 1/30 t or as
Not Used	REF03	352	Description A free-form description to clarify the related data elements	X and t	AN 1/80
Not Used	REF04	C040	Reference Identifier	0	
			To identify one or more reference numbers or identification specified by the Reference Qualifier	n num	bers as
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	Μ	ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transacti specified by the Reference Identification Qualifier	M on Set	AN 1/30 t or as
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04004	1 27	Reference Identification Reference information as defined for a particular Transacti specified by the Reference Identification Qualifier	X on Set	AN 1/30 t or as
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transacti specified by the Reference Identification Qualifier	X on Set	AN 1/30 t or as

Segment:	N1 Name
Position:	040
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Must Use)
Max Use:	
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:	 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. N105 and N106 further define the type of entity in N101.
Notes:	 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. 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 Eleme	nt Summary	
	Ref. <u>Des.</u>	Data <u>Element</u>	Name		Attributes
Must Use	N101	98	Entity Identifier Co	ode	M ID 2/2
	-		•	organizational entity, a physical locatio	n, or an individual
			FR	Message From	
				Use this code to identify the organizat schedule data.	ion sending the
			ТО	Message To	the Conservation of the second second
				Use this code to identify the organizat schedule data.	ion receiving the
			ZD	Party to Receive Reports	
				The organization designated to receive	reports
				Use this code to identify the organizat an information copy of the schedule a	
	N102	02 93	Name		X AN 1/35
			Free-form name		
	N103	66	Identification Code	Qualifier	X ID 1/2
			Code designating the Code (67)	e system/method of code structure used	for Identification
			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 Addre (DODAAC)	ess Code
			33	Commercial and Government Entity (0	CAGE)
	N104	67	Identification Code		X AN 2/20
			Code identifying a p	arty or other code	

Not Used	N105	706	Entity Relationship Code Code describing entity relationship	0	ID 2/2
Not Used	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location	O n, or	ID 2/2 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.

		an della della conservatione della				
			Data Element Summary			
	Ref.	Data				
	<u>Des.</u>	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.

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

	Segment:	N4 G	Geographic Location		
	Position:	070			
	Loop:	N1 (Optional (Must Use)		
	Level:	Heading			
	Usage:	Optional			
	Max Use:	1			
	Purpose:	To specif	fy the geographic place of the named party		
Synt	tax Notes:	1 If N	406 is present, then N405 is required.		
Seman	tic Notes:				
C	omments:	1 A co	ombination of either N401 through N404, or N405 an	d N406 may	be adequate to
		-	ify a location.		
		2 N40	2 is required only if city name (N401) is in the U.S. of	or Canada.	
	Notes:	This segu	ment should only be used when N102 is used.	and the second of	
		Van de servicie de la contribuição	n en trademiska her her en legel en sen en her en her en her en legel de ter ber en legel en legel en legel en En en her klemenka her her en legel en l		
			Data Element Summary		
	Ref.	Data			
	Des.	Element			ributes
			<u>Name</u> City Name	Att O	<u>ributes</u> AN 2/30
	Des.	Element			
	Des.	Element	City Name		
	<u>Des.</u> N401	<u>Element</u> 19	City Name Free-form text for city name	0 0	AN 2/30 ID 2/2
	<u>Des.</u> N401	<u>Element</u> 19	City Name Free-form text for city name State or Province Code	0 0	AN 2/30 ID 2/2
	<u>Des.</u> N401 N402	Element 19 156	City Name Free-form text for city name State or Province Code Code (Standard State/Province) as defined by appro Postal Code	O O opriate govern O	AN 2/30 ID 2/2 ID 3/15
	<u>Des.</u> N401 N402	Element 19 156	City Name Free-form text for city name State or Province Code Code (Standard State/Province) as defined by appro Postal Code Code defining international postal zone code exclude	O O opriate govern O	AN 2/30 ID 2/2 ID 3/15
	<u>Des.</u> N401 N402	Element 19 156	City Name Free-form text for city name State or Province Code Code (Standard State/Province) as defined by appro Postal Code Code defining international postal zone code exclue (zip code for United States)	O O opriate govern O	AN 2/30 ID 2/2 ID 3/15
	<u>Des.</u> N401 N402 N403	<u>Element</u> 19 156 116	City Name Free-form text for city name State or Province Code Code (Standard State/Province) as defined by appro Postal Code Code defining international postal zone code exclud (zip code for United States) Country Code	O opriate govern O ding punctuat	AN 2/30 ID 2/2 Iment agency ID 3/15 ion and blanks
ot Used	<u>Des.</u> N401 N402 N403 N404	Element 19 156 116 26	City NameFree-form text for city nameState or Province CodeCode (Standard State/Province) as defined by approPostal CodeCode defining international postal zone code excluse(zip code for United States)Country CodeCode identifying the country	O opriate govern O ding punctuat: O	AN 2/30 ID 2/2 ID 3/15 ion and blanks ID 2/3
ot Used	<u>Des.</u> N401 N402 N403	<u>Element</u> 19 156 116	City Name Free-form text for city name State or Province Code Code (Standard State/Province) as defined by appro Postal Code Code defining international postal zone code exclud (zip code for United States) Country Code Code identifying the country Location Qualifier	O opriate govern O ding punctuat	AN 2/30 ID 2/2 Iment agency ID 3/15 ion and blanks
ot Used	<u>Des.</u> N401 N402 N403 N404	Element 19 156 116 26	City NameFree-form text for city nameState or Province CodeCode (Standard State/Province) as defined by approPostal CodeCode defining international postal zone code excluse(zip code for United States)Country CodeCode identifying the country	O opriate govern O ding punctuat: O	AN 2/30 ID 2/2 ID 3/15 ion and blanks ID 2/3

	Second	PER	Administrati	ve Communications Contact		
	Segment:		A ummistrati	ve communications contact		
	Position: Loop:	090 N1 (Optional (Must U	Ise)		
	Level:	Heading	optional (ivitasi e			
	Usage:	Ų	(Must Use)			
	Max Use:	>1				
~	Purpose:			ffice to whom administrative communicat		uld be directed
Synt	ax Notes:			ER04 is present, then the other is required		
				ER06 is present, then the other is required ER08 is present, then the other is required		
Seman	tic Notes:	5 11 010		Erros is present, then the other is required	4.	
С	omments:					
	Notes:	This segu	ment is required		Ada 2	
			Data l	Element Summary	· · · · · · ·	
	Ref.	Data	Data	Element Summary		
	Des.	Element	<u>Name</u>		Att	<u>ributes</u>
Iust Use	PER01	366	Contact Func		Μ	ID 2/2
				ng the major duty or responsibility of the	person o	r group named
			CD	Contract Contact		
Iust Use	PER02	93	Name		0	AN 1/35
			Free-form nam			1996 _ 1999 _ 1999 - 19 - 19 - 19 - 19 - 19
			blank spaces b	st name, first name, and middle initial if between name components and periods a en the last name and first name.		
lust Use	PER03	365		on Number Qualifier	X	ID 2/2
			Code identifying	ng the type of communication number		
			AU	Defense Switched Network		
				Department of Defense telecommu successor of the Automatic Voice I (AUTOVON)		•
			EM	Electronic Mail		
			FT	Federal Telecommunications Syste	em (FTS)	
			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		
lust Use	PER04	364	Communicati		X	AN 1/80
				munications number including country or	area coc	
	PER05	365		on Number Qualifier	X	ID 2/2
				ng the type of communication number		
			AU	Defense Switched Network		
				Department of Defense telecommu		system and
				successor of the Automatic Voice I	Network	
			EM	(AUTOVON) Electronic Mail		
			EX	Telephone Extension		ene essentia e dansa
				When used, there must be a previous number citing either national or in		
				telephone number.	nernano	
			FT	Federal Telecommunications Syste	m (FTS)	A92
			11	reactar relecontinumeations bysic	m (1.12)	

		IT	International Telephone		
		TE	Telephone		
PER06	364	Communication	lumber	X	AN 1/80
		Complete commun applicable	ications number including country or are	ea cod	le when
PER07	365	Communication N	Number Qualifier	Χ	ID 2/2
		Code identifying the	ne type of communication number		
		AU	Defense Switched Network		
		EM	Department of Defense telecommunic successor of the Automatic Voice Net (AUTOVON) Electronic Mail		s system and
		EX	Telephone Extension		
		FT	When used, there must be a previous number citing either national or inter telephone number. Federal Telecommunications System (rnatio	onal
		FX	Facsimile		
		IT	International Telephone		
		TE	Telephone		
PER08	364	Communication N	Jumber	Χ	AN 1/80
		Complete commun applicable	ications number including country or are	ea cod	le when
PER09	443	Contact Inquiry F	Reference	0	AN 1/20
		Additional reference	ce number or description to clarify a cont	act n	umber
		Use this data elem	ent to enter the title of the person name	d in F	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:	

	Ref.	Data			
	Des.	Element	Name	Att	<u>ributes</u>
Must Use	CAL01	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			70 Calendar Number		
			Identifies a working calendar (for example the second seco	nple,	Monday
			through Friday) for a company, division		
Must Use	CAL02	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transaction	on Set	t or as
			specified by the Reference Identification Qualifier	11/1/2	a se alexan a change
			Enter the number or name of the calendar.		
			n		den
Not Used	CAL03	344	Unit of Time Period or Interval	0	ID 2/2
			Code indicating the time period or interval		
Not Used	CAL04	374	Date/Time Qualifier	0	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CAL05	373	Date	0	DT 6/6
			Date (YYMMDD)		
Not Used	CAL06	337	Time	0	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM,		
			HHMMSSD, or HHMMSSDD, where $H = hours (00-23)$, N		•
			59), S = integer seconds (00-59) and DD = decimal seconds		
Not Used	CAL07	623	are expressed as follows: D = tenths (0-9) and DD = hundre Time Code		ID 2/2
Not Useu	CALUI	025	Code identifying the time. In accordance with International	•	
			Organization standard 8601 , time can be specified by a + or		
			in hours in relation to Universal Time Coordinate (UTC) tir		1
			restricted character, + and - are substituted by P and M in th		
Not Used	CAL08	678	Ship/Delivery or Calendar Pattern Code	0	ID 1/2
			Code which specifies the routine shipments, deliveries, or c	alend	lar pattern
			Refer to 003060 Data Element Dictionary for acceptable co	de va	lues.
Not Used	CAL09	374	Date/Time Qualifier	0	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CAL10	373	Date	0	DT 6/6
			Date (YYMMDD)		
Not Used	CAL11	337	Time	0	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM,	or HF	HMMSS, or
			HHMMSSD, or HHMMSSDD, where $H = hours (00-23)$, N		•
			59), S = integer seconds (00-59) and DD = decimal seconds	-	
	0.17.10	(are expressed as follows: $D = tenths$ (0-9) and $DD = hundre$	~	· ·
Not Used	CAL12	623	Time Code	0	ID 2/2
			Code identifying the time. In accordance with International	Stand	lards

			Organization standard 8601, time can be specified by a +	or - and	d an indication
			in hours in relation to Universal Time Coordinate (UTC)	time; si	nce + is a
			restricted character, + and - are substituted by P and M in	the coo	les that follow
Not Used	CAL13	678	Ship/Delivery or Calendar Pattern Code	0	ID 1/2
			Code which specifies the routine shipments, deliveries, or	calend	lar 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	0	AN 1/45
			Free-form descriptive text		

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 ElCI	nent Summar y		
	Ref.	Data	N 7			
	Des.	<u>Element</u>	Name			ributes
Must Use	DTM01	374	Date/Time Qualit	lier	Μ	ID 3/3
			Code specifying ty	pe of date or time, or both date and time		
			263	Holiday		
				A non-working day reserved for a con holiday	npany	or national
Must Use	DTM02	373	Date		X	DT 6/6
			Date (YYMMDD)			
Not Used	DTM03	337	Time		Χ	TM 4/8
			Time expressed in	24-hour clock time as follows: HHMM,	or HH	IMMSS, or
			HHMMSSD, or H	HMMSSDD, where $H = hours (00-23)$, M	M = m	ninutes (00-
			59), $S = integer se$	conds (00-59) and $DD =$ decimal seconds	s; dec	imal seconds
			are expressed as fo	ollows: D = tenths (0-9) and DD = hundred	dths	(00-99)
Not Used	DTM04	623	Time Code		0	ID 2/2
			Code identifying t	he time. In accordance with International	Stand	dards
			Organization stand	lard 8601, time can be specified by $a + o$	r - and	an indication
			in hours in relation	n to Universal Time Coordinate (UTC) tin	me; si	nce + is a
			restricted characte	r, + and - are substituted by P and M in the	ne coc	les that follow
Not Used	DTM05	624	Century		0	N0 2/2
			The first two chara	acters in the designation of the year (CCY	(Y)	
Not Used	DTM06	1250	Date Time Period	l Format Qualifier	X	ID 2/3
			Code indicating th	e date format, time format, or date and ti	me fo	rmat
Not Used	DTM07	1251	Date Time Period		X	AN 1/35
				te, a time, or range of dates, times or date	es and	
			1	, , , , , , , , , , , , , , , , , , , ,		

Po Ma Pu Syntax Semantic Com		040 RSC Detail Optional 1 To identi		s for tasks or activities be the available resources.	
	Ref.	Data	Data Ele	ement Summary	
	Des.	Element	<u>Name</u>		Attributes
Must Use H	RSC01	1180	Resource Code (To identify a reso	(or Identifier) ource code or identifier (such as a specif	M AN 1/20
			material)		ie skin, deputition, or
			Enter the name	or code of the resource.	
T	RSC02	352	Description	the state of the second sec	O AN 1/80
		554	-	ription to clarify the related data elemer	
ŀ	RSC03	1181	Resource Type		O ID 2/2
			• -	the type of allocation or resource being	scheduled
			EF	Equipment Founded	
				Equipment with an operator	
				Use this code to identify all types o	f equipment.
				a la factoria e a constructivo de la construcción de la construcción de la construcción de la construcción de l	nee daard faar waa een waa waa waa aa mada
			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	0 ID 1/2
I	RSC04	306	Action Code	time of option	O ID 1/2
			Code indicating		
			1	Add Change (Undete)	
			2	Change (Update) Delete	
			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 Sum	nary
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	Ref. <u>Des.</u>	Data <u>Element</u>	Name		Attributes
Must Use	TID01	1173	Task ID Qualifier		M ID 2/2
			Codes to identify th	e task or activity or event type	
			03	Activity	
				Generic activity or work task	
			04	Interface Activity (when 2 or more sep are combined to create 1 network) An activity that links one or more sepa	
			06	project plans Milestone	,- ,
				A specific event or deliverable item	
			08	Constraint - Finish to Start	
				A relationship type for activities - the s activity can't start until the preceding a complete	U
			09	Constraint - Start to Finish	
			10	A relationship type for activities - the p can't start until the succeeding activity Constraint - Finish to Finish	
			11	A relationship type for activities - the p can't finish until the succeeding activit Constraint - Start to Start	
				A relationship type for activities - the p can't start until the succeeding activity	
Must Use	TID02	1174	Task Identifier To identify a task of	r activity or event number	O AN 1/20
			Qualifier is a const identification numb	19 and for the stand of the	
	TID03	1175	Relationship Task	Identifier	O AN 1/20
			To identify a related	d (successor) task or activity or event nu	mber
			If the Task ID Qua Interface Activity (lifier is a constraint (code 08, 09, 10, or (code 04), enter the succeeding or relate ber or code. For activities or milestones	r 11) or an ed task
	TID04	352	Description		O AN 1/80
			A free-form descrip	tion to clarify the related data elements :	and their content

	TID05	1297	Work Status Co	de	0	ID 1/2
			Code indicating t	he status for a work task		
			CO	Complete		
			ST	Started		
	TID06	306	Action Code		0	ID 1/2
			Code indicating t	ype of action		
			1	Add		
			2	Change (Update)		
			3	Delete		
	TID07	127	Reference Ident	ification	0	AN 1/30
			specified by the H	nation as defined for a particular Trace Reference Identification Qualifier ar identification number or reference		
Not Used	TID08	127	Reference Ident	ification	0	AN 1/30
				nation as defined for a particular Tra Reference Identification Qualifier	ansaction Set	t or as
	TID09	1178	Level		0	AN 1/3
			Reporting structu	re identification		
				te reporting level of the task. Ente ', "2", "3", and so forth.	r a number i	related to the

	Segment:	REF	Referenc	e Identification			
	Position:	120					
	Loop:		Optional (M	lust Use)			
	Level:	Detail		,			
	Usage:	Optional					
	Max Use:	>1					
	Purpose:	To specif	fy identifyin	g information			
Synt	ax Notes:	1 At le	east one of R	EF02 or REF03 is required.			
				or C04004 is present, then the			
		3 If eit	ther C04005	or C04006 is present, then the	e other is required.		
Seman	tic Notes:	1 REF	04 contains	data relating to the value cite	d in REF02.		
C	omments: Notes:	torton missionenen vik viken		provide additional reference		-	
		mileston	ia in marchailte an tha an thirt an	<i>in the TID segment.</i> Ita Element Summary	และสาราช และ เสราะได้เรียงรับ รับเรียงเป็นเป็นและ โดยส		
	Ref.	Data		·			
	Des.	Element	<u>Name</u>			<u>Attr</u>	ributes
Must Use	REF01	128	Reference	Identification Qualifier		Μ	ID 2/3
			Code quali	fying the Reference Identific.	ation		
			43	Supporting Docum	nent Number		
				Supports or clarifie in a document	es information and v	alues	represented
				-	rovide an Integrated ed Master Schedule		
				ti sana antina marina - stanata - ana dista	n standar, franski stan statistick and statistick tak si	terreta de la constitución	and a second and a second second second

	number.
73	Statement of Work (SOW)
74	Description of a product or service to be procured under a contract; statement of requirements Work Breakdown Structure (WBS)
75	A product-oriented family tree composed of hardware, software, services, and data that completely defines the project or program Organization Breakdown Structure
77	A functionally oriented family tree that shows organization relationships and is used as the framework for assigning work responsibilities 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
80	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 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	n a manufac	turing
				process		
			C7	Contract Line Item Number		
			CT	Contract Number	dated water towneys of matrix, and second	
			FI	Use this code to identify a relate contract number for the task or the TID segment. This code is are contract interdependencies The contract number entered in contract number that applies to data.	milestone only used w in the sche BPP04 id	described in when there dule data. entifies the
				File Identifier	landan tahun tahun managan sa man	
			11	Use this code to identify a relate	ad file En	ton the file
				name in REF03.	eu jiie. Liii	er ine jue
			L4	Proposal Paragraph Number	st statisticana anna an titter a stàireanna anna a	induno .
			2.	The place in a proposal where a	dditional in	formation
			WO	can be found Work Order Number	duritonur m	Tormation
				Number assigned for work inclu	iding mater	al and labor
				beyond normal work required to	-	
	REF02	127	Reference Iden	tification	Х	AN 1/30
				Reference Identification Qualifier ement for all codes entered in REF0. entification).	I with the e	xception of
	REF03	352	Description	analasi on sana ang kanang sana sa	X	AN 1/80
			A free-form des	cription to clarify the related data eler	ments and the	heir content
			Use this data el data element.	ement when REF01 is code FI. Ente	er the file n	ame in this
Not Used	REF04	C040	Reference Iden	n and a and a sure of the structure, which and	0	anglatest webers.
not Ustu	111.04	010		or more reference numbers or identifi		bers as
				Reference Qualifier		
Not Used	C04001	128	Reference Iden	tification Qualifier the Reference Identification	Μ	ID 2/3
Not Used	C04002	127	Reference Iden		Μ	AN 1/30
				mation as defined for a particular Tran	nsaction Set	or as
NL 4 TT	004000	100	A -	Reference Identification Qualifier	V	ID 2/2
Not Used	C04003	128		tification Qualifier the Reference Identification	Х	ID 2/3
Not Used	C04004	127	Reference Iden		х	AN 1/30
	001001			mation as defined for a particular Trai		
			· ·	Reference Identification Qualifier		
Not Used	C04005	128		tification Qualifier	Х	ID 2/3
NI-4TT P	004007	107		the Reference Identification	V	ANI 1/20
Not Used	C04006	127		mation as defined for a particular Tran Reference Identification Qualifier	X nsaction Set	AN 1/30 t or as

DTM Date/Time Reference

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:	

	D C	Dete	Data Elem	ient Summary	
	Ref.	Data	Nome		4wile
Must Use	<u>Des.</u> DTM01	Element 374	<u>Name</u> Date/Time Qualifi		tributes ID 3/3
Winst Use	DIMUI	3/4	_	pe of date or time, or both date and time	ID 3/3
			196	Start	
			197	End	
			240	Baseline Start	
			240	The start date of baseline or original plan	
			241	Baseline Complete	
			241	·	al
			242	The complete date of the baseline or origin	ai pian
			242	Actual Start	
			2.42	The actual start date for a task or activity	
			243	Actual Complete	
			244	The actual complete date for a task or activ	ity
			244	Estimated Start	
				The revised plan or estimate of the start dat or activity	te for a task
			245	Estimated Completion	
				The revised plan or estimate of the complete	te date for a
				task or activity	
			246	Start no earlier than	
				Fixed start date for a task or activity - cann	ot begin
			0.15	before this date	
			247	Start no later than	1
				Fixed start date for a task or activity - cann this date	ot begin after
			248	Finish no later than	
			210	Fixed finish date for a task or activity - can	not end after
				this date	
			249	Finish no earlier than	
				Fixed finish date for a task or activity - can	not 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	n
			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 bas	sed on	
				resource needs		
			257	Scheduled Finish		
				The scheduled finish for a task or activity be resource needs	ased on	
			416	Optimistic Late Start		
				Best case latest date a task or activity can be	-	
				Use this code to indicate the previous mon start date.	th estimated	
			417	Optimistic Late Finish	a se sa antra na manana kada	
				Best case latest date a task or activity can er	nd	
				Use this code to indicate the previous mon complete date.	th estimated	
			420	Most Likely Late Start	an a	
			420	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.	m munus 1	
			421	Most Likely Late Finish	alan dan sa sa sa tanan mana mana sa bada a	
				Most likely latest date a task or activity can	end	
				Use this code to indicate the previous moni (2 months back) estimated complete date.		
			424	Pessimistic Late Start	and and a second se	
			121	Worst case latest date a task or activity can	hegin	
				Use this code to indicate the previous mont	-	
				(3 months back) estimated start date.		
			425	Pessimistic Late Finish	No and a low of the case of the second s	
				Worst case latest date a task or activity can	end	
				Use this code to indicate the previous mont	th minus 2	
				(3 months back) estimated complete date.	1-	
Must Use	DTM02	373	Date	X	DT 6/6	
			Date (YYMMDD)			
Not Used	DTM03	337	Time		TM 4/8	
			_	24-hour clock time as follows: HHMM, or HH IMMSSDD, where H = hours (00-23), M = m		
				onds (00-59) and $DD =$ decimal seconds; deci		
				lows: $D = tenths (0-9)$ and $DD = hundredths (0-9)$		
Not Used	DTM04	623	Time Code	0	ID 2/2	
				e time. In accordance with International Stand		
			-	rd 8601, time can be specified by a + or - and to Universal Time Coordinate (UTC) time; size		
				+ and - are substituted by P and M in the cod		

Not Used	DTM05	624	Century	0	N0 2/2
			The first two characters in the designation of the year (CCY	Y)	
Not Used	DTM06	1250	Date Time Period Format Qualifier	X	ID 2/3
			Code indicating the date format, time format, or date and tim	ne for	rmat
Not Used	DTM07	1251	Date Time Period	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates	s and	times

QTY Quantity Segment: **Position:** 140 TID Loop: Optional (Must Use) Level: Detail Usage: Optional Max Use: >1 Purpose: Syntax Notes: To specify quantity information Semantic Notes: **Comments:**

	D 4	D .	Data Eleme	ent Summary
	Ref.	Data	~ *	
	Des.	Element	Name	Attributes
Must Use	QTY01	673	Quantity Qualifier	
			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.
Must Use	QTY02	380	Quantity	, where $M = \frac{1}{115}$
			Numeric value of qu	antity
	QTY03	C001	Composite Unit of	Measure O
			To identify a compo	site unit of measure (See Figures Appendix for examples
			of use)	
Must Use	C00101	355	Unit or Basis for M	leasurement Code M ID 2/2
			Code specifying the	units in which a value is being expressed, or manner in
			which a measurement	
			2 · · · · · · · · · · · · · · · · · · ·	nt if it is necessary to indicate the calendar units used
			Exercise destances and a second secon	e 1B, 1C, 1D, 1E, 1F, 1G, or A2.
			DA	Days
			HR	Hours
			WK	Week

Not Used	C00102	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value		R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being express which a measurement has been taken	O ssed, or	ID 2/2 manner in
Not Used	C00105	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being express which a measurement has been taken	O ssed, or	ID 2/2 manner in
Not Used	C00108	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being express which a measurement has been taken	O ssed, or	ID 2/2 manner in
Not Used	C00111	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being express which a measurement has been taken	O ssed, or	ID 2/2 manner in
Not Used	C00114	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10

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 Eleme	ent Summary		
Must Use	Ref. <u>Des.</u> AMT01	Data <u>Element</u> 522	Name Amount Qualifier Code to qualify amo		<u>Attı</u> M	ributes ID 1/2
			B5	Budgeted		
				Use this code to indicate the total bud task identified in the TID segment.	geted	cost for the
Must Use	AMT02	782	Monetary Amount Monetary amount		Μ	R 1/15
Not Used	AMT03	478	Credit/Debit Flag (Code indicating whe	Code ether amount is a credit or debit	0	ID 1/1

PCT Percent Amounts

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 Eleme	ent Summary
Must Use	Ref. <u>Des.</u> PCT01	Data <u>Element</u> 1004	<u>Name</u> Percent Qualifier Code to qualify perc	Attributes M ID 1/2
			10	Complete
			11	The percent of work completed for a given activity, task, or event Remaining
			17	The percent of remaining work for a given activity, task, or event Physical (Percent) Completed
				A percent measure of the actual work completed versus the passage of time
Must Use	PCT02	954	Percent Percentage expresse	ed as a decimal

	Segment:	N1 N	ame			
	Position:	170				
	Loop:		Optional (Must	Use)		
Level: Detail						
	Usage:	Optional				
	Max Use:	>1 To identi	fr a parte by tw	no of organization name and and		
	Purpose: ax Notes:			pe of organization, name, and code 2 or N103 is required.		
Synt	ax notes.			.04 is present, then the other is required.	red.	
Seman	tic Notes:			i v is present, then the enter is requi		
	omments:		-	alone, provides the most efficient me ification. To obtain this efficiency the	-	-
		-	•	table maintained by the transaction p		ty.
				her define the type of entity in N101		
	Notes:	24 · · · · · ·	·, •	tify a work team related to the task	or milestone a	lescribed in
		the TID.	segment.			
		and the second sec	det sel collactor tato l'allante comissione sumisadole a	1999 1999 - Materia Statistica and and and an anno an annana ann a' annana an dean da annan deithead an United	na sha ar sector a se	1495 ##1800.0005
			Data	Element Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>		A ##	ributoc
Must Use N101			T			ributes
Aust Use	N101	98	Entity Identif Code identifyi	ier Code ng an organizational entity, a physica	Μ	ID 2/2
Aust Use	N101		•		Μ	ID 2/2
Aust Use	N101		Code identifyi W1	ng an organizational entity, a physica Work Team	Μ	ID 2/2
		98	Code identifyi W1 W2	ng an organizational entity, a physica	M al location, or	ID 2/2 an individual
	N101 N102		Code identifyi W1	ng an organizational entity, a physica Work Team Supplier Work Team	Μ	ID 2/2
		98	Code identifyi W1 W2 Name Free-form nam	ng an organizational entity, a physic: Work Team Supplier Work Team ne	M al location, or X	ID 2/2 an individual
		98	Code identifyi W1 W2 Name Free-form nam	ng an organizational entity, a physica Work Team Supplier Work Team	M al location, or X	ID 2/2 an individual
Aust Use		98	Code identifyi W1 W2 Name Free-form nam <i>Enter the nam</i>	ng an organizational entity, a physica Work Team Supplier Work Team ne <i>ie or reference code for the work tea</i>	M al location, or X	ID 2/2 an individual
Must Use Must Use Not Used	N102	98 93	Code identifyi W1 W2 Name Free-form nam <i>Enter the nam</i> Identification Code designat	ng an organizational entity, a physic: Work Team Supplier Work Team ne	M al location, or X <i>m</i> .	ID 2/2 an individual AN 1/35 ID 1/2
Aust Use Not Used	N102	98 93	Code identifyi W1 W2 Name Free-form nam <i>Enter the nam</i> Identification	ng an organizational entity, a physic: Work Team Supplier Work Team ne <i>te or reference code for the work tea</i> Code Qualifier ing the system/method of code struct	M al location, or X <i>m</i> .	ID 2/2 an individual AN 1/35 ID 1/2
Aust Use Not Used	N102 N103	98 93 66	Code identifyi W1 W2 Name Free-form nam <i>Enter the nam</i> Identification Code designat Code (67) Identification	ng an organizational entity, a physic: Work Team Supplier Work Team ne <i>te or reference code for the work tea</i> Code Qualifier ing the system/method of code struct	M al location, or X <i>m</i> . X ture used for Io	ID 2/2 an individual AN 1/35 ID 1/2 dentification
Aust Use Not Used Not Used	N102 N103	98 93 66	Code identifyi W1 W2 Name Free-form nam <i>Enter the nam</i> Identification Code designat Code (67) Identification	ng an organizational entity, a physic: Work Team Supplier Work Team ne Code Qualifier ing the system/method of code struct Code ng a party or other code	M al location, or X <i>m</i> . X ture used for Io	ID 2/2 an individual AN 1/35 ID 1/2 dentification
Aust Use Not Used Not Used	N102 N103 N104	98 93 66 67	Code identifyi W1 W2 Name Free-form nam <i>Enter the nam</i> Identification Code designat Code (67) Identification Code identifyi Entity Relation	ng an organizational entity, a physic: Work Team Supplier Work Team ne Code Qualifier ing the system/method of code struct Code ng a party or other code	M al location, or X <i>x</i> ture used for Io X	ID 2/2 an individual AN 1/35 ID 1/2 dentification AN 2/20
Aust Use	N102 N103 N104	98 93 66 67	Code identifyi W1 W2 Name Free-form nam <i>Enter the nam</i> Identification Code designat Code (67) Identification Code identifyi Entity Relation	ng an organizational entity, a physic: Work Team Supplier Work Team ne Code Qualifier ing the system/method of code struct Code ng a party or other code onship Code ng entity relationship	M al location, or X <i>x</i> ture used for Io X	ID 2/2 an individual AN 1/35 ID 1/2 dentification AN 2/20

	Segment:	PER	Administrative	Communications Contact			
	Position:	180					
	Loop:		Optional (Must Use	e)			
	Level:	Detail					
	Usage:	Optional					
	Max Use: Purpose:	>1 To identi	fy a person or office	e to whom administrative communication	ne cho	uld be directed	
Synt	tax Notes:			04 is present, then the other is required.	JIIS 5110		
		2 If eit	ther PER05 or PER0	06 is present, then the other is required. 08 is present, then the other is required.			
	tic Notes:						
C	omments:	T 7	11-11-11C	the second second	Transformed and		
	Notes:	the TID		a responsible person for the task or mi	lesion	e aescribea in	
			Data Eler	nent Summary			
	Ref.	Data					
	Des.	Element	<u>Name</u>	G. 1.		ributes	
Must Use	PER01	366	Contact Function	he major duty or responsibility of the pe		M ID 2/2	
			RP	Responsible Person	13011 0	r group named	
Must Use	PER02	93	Name	Responsible i erson	0	AN 1/35	
Wiust Ose	I EKU2	35	Free-form name		U	AIN 1755	
				ame, first name, and middle initial if a seen name components and periods afte	6		
	PER03	365	Communication I	Number Qualifier	X	ID 2/2	
			Code identifying the type of communication number				
			AU	Defense Switched Network			
				Department of Defense telecommuni successor of the Automatic Voice Ne (AUTOVON)		s system and	
			EM	Electronic Mail			
			FT	Federal Telecommunications System	(FTS)		
			FX	Facsimile			
			IT	International Telephone			
			TE	Telephone			
	PER04	364	Communication I	Number	X	AN 1/80	
			applicable	nications number including country or a	rea cod		
	PER05	365	Communication I	Number Qualifier	X	ID 2/2	
			Code identifying the	he type of communication number			
			AU	Defense Switched Network			
				Department of Defense telecommuni successor of the Automatic Voice Ne (AUTOVON)		system and	
			EM	Electronic Mail			
			EX	Telephone Extension			
				When used, there must be a previou number citing either a national or in telephone number.		1	
			FT	Federal Telecommunications System	(FTS)		

			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		
	PER06	364	Communication N	Number	Χ	AN 1/80
			Complete communapplicable	nications number including country or ar	ea cod	le when
	PER07	365	Communication N	Number Qualifier	Χ	ID 2/2
			Code identifying the	he type of communication number		
			AU	Defense Switched Network		
				Department of Defense telecommunic successor of the Automatic Voice Ne (AUTOVON)		s system and
			EM	Electronic Mail		
			EX	Telephone Extension		
				When used, there must be a previous number citing either a national or in telephone number.		
			FT	Federal Telecommunications System	(FTS)	
			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		
	PER08	364	Communication N	Number	Χ	AN 1/80
			Complete communapplicable	nications number including country or ar	ea cod	le when
Not Used	PER09	443	Contact Inquiry H		0	AN 1/20
			Additional referen	ce number or description to clarify a con	tact m	umber

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.	Data				
	Des.	<u>Element</u>	<u>Name</u>		Att	<u>ributes</u>
Must Use	PID01	349	Item Descrip	· -	Μ	ID 1/1
				ng the format of a description		
			F	Free-form		
Must Use	PID02	750		ess Characteristic Code	0	ID 2/3
			Code identify	ing the general class of a product or proces	s charac	teristic
			08	Product		
			09	Sub-product		
			12	Type and/or Process		
Not Used	PID03	559	Agency Qual Code identify	ifier Code ing the agency assigning the code values	X	ID 2/2
Not Used	PID04	751	Product Desc	ription Code	X	AN 1/12
			A code from a characteristic	in industry code list which provides specifi	ic data a	bout a product
Must Use	PID05	352	Description		X	AN 1/80
			A free-form d	escription to clarify the related data element	nts and t	heir content
Not Used	PID06	752	Surface/Laye	r/Position Code	0	ID 2/2
			Code indicatin	ng the product surface, layer or position that	at is bein	g described
Not Used	PID07	822	Source Subqu	ualifier	0	AN 1/15
			A reference th	at indicates the table or text maintained by	the Sou	rce Qualifier
Not Used	PID08	1073	Yes/No Cond	ition or Response Code	0	ID 1/1
				ng a Yes or No condition or response		
Not Used	PID09	819	Language Co	de	0	ID 2/3
			-	ing the language used in text, from a stand the International Standards Organization (

MSG Message Te:

	Segment:	WISG Message Text					
	Position:	200					
	Loop:	TID	Optional (Must Use)				
	Level:	Detail					
	Usage:	Optional					
]	Max Use:	>1					
	Purpose:	To provi	de a free-form format that allows the transp	nission of text information			
Synt	ax Notes:						
Seman	tic Notes:						
Co	omments:		G02 is not related to the specific characteris , advance a line, etc.	tics of a printer, but identifies top of			
	Notes:	Only use TID segn	this segment one time to provide limited in the segment.	ext about the task described in the			
			Data Element Summary				
	Ref.	Data					
	Des.	Element	Name	Attributes			
Must Use	MSG01	933	Free-Form Message Text	M AN 1/264			

MSG02934Free-form message textMSG02934Printer Carriage Control Code
A field to be used for the control of the line feed of the receiving printer

Not Used

	Segment:	RSC	n Z Resource				
	Position:	210	> Resource				
	Loop:	RSC	Optional				
	Level:	Detail	1				
	Usage:	Optional					
	Max Use:	1					
	Purpose:	To identi	fy resource details	s for tasks or activities			
	tax Notes:						
	tic Notes:						
С	omments: Notes:	TTo a dl. to			the second states of	F F	
	notes.	segments	Ŷ	be the resources assigned to a g loop to provide additional info			
			Data El	ement Summary			
	Ref.	Data					
	Des.	Element	Name			ributes	
Must Use	RSC01	1180	Resource Code		M	AN 1/20	
			To identify a resource code or identifier (such as a specific skill, department, or material)				
			/	or code of the resource.			
			Linter the hante				
	RSC02	352	Description	A A A A A A A A A A A A A A A A A A A	0	AN 1/80	
			-	cription to clarify the related dat	a elements and t	heir content	
	RSC03	1181	Resource Type	, and the second s	0	ID 2/2	
				the type of allocation or resour	ce being schedu	led	
			01	Consumable	ee eeing eeneen		
			02	Recurring			
			02	One of			
	DCC04	306	Action Code	One of	0	ID 1/2	
	RSC04	300		time effection	0	10 1/2	
			Code indicating	-			
			1	Add			
			2	Change (Update)			
			3	Delete			



	Segment:	REF	Reference Identification		
	Position:	220			
	Loop:	RSC	Optional		
	Level:	Detail			
Ţ	Usage: Max Use:	Optional >1			
	Purpose:	-	fy identifying information		
	ax Notes:	-	east one of REF02 or REF03 is required.		
			ther C04003 or C04004 is present, then the other is required		
G	4:- NI-4		ther C04005 or C04006 is present, then the other is required	1.	
	tic Notes: omments:	1 REF	04 contains data relating to the value cited in REF02.		
	Notes:	Use this	segment to provide reference numbers related to the resor	ırce de	scribed in the
		22 . N	e segment.		
		and the second second	ne and an and the second s		
		Provide State Sta		federali estren e a contra relación	
	D-f	Dete	Data Element Summary		
	Ref. Des.	Data <u>Element</u>	Name	A ##	ributes
ist Use	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			70 Calendar Number		
			Identifies a working calendar (for ex	ample,	Monday
			through Friday) for a company, divis 87 Functional Category	-	-
			An organization or groups of organiz	zations	with a
			common operational orientation such		
			Engineering, etc	1 45 Qu	unty control
			DP Department Number		
	REF02	127	Reference Identification	Χ	AN 1/30
			Reference information as defined for a particular Transact	tion Set	or as
			specified by the Reference Identification Qualifier		
			Use this data element when REF01 is code 70 (Calendar	· Numb	er).
	REF03	352	Description	x	AN 1/80
	KETU3	554	A free-form description to clarify the related data element		
			-		
			Use this data element when REF01 is code 87 (Function (Department).	ui Cull	gory) or Dr
Used [REF04	C040	Reference Identifier	0	éronhas
			To identify one or more reference numbers or identification	on num	bers as
			specified by the Reference Qualifier		
Used	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
Used	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transac	tion Set	or as
Used	C04003	128	specified by the Reference Identification Qualifier Reference Identification Qualifier	x	ID 2/3
Used	C04003	120	Reference Identification Qualifier Code qualifying the Reference Identification	Λ	11) 2/3
Used	C04004	127	Reference Identification	x	AN 1/30
Oseu	04004	127	Reference information as defined for a particular Transac		
			specified by the Reference Identification Qualifier		
t Used	C04005	128	Reference Identification Qualifier	Χ	ID 2/3
			Code qualifying the Reference Identification		

C04006

127

Not Used

AN 1/30

Х

Reference Identification

Code qualifying the Reference Identification

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

DTM Date/Time Reference

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:

	Ref.	Data	Data Elen	ient Summar y		
	Des.	Element	Name		Att	<u>ributes</u>
Must Use	DTM01	374	Date/Time Qualifi	ier	Μ	ID 3/3
			Code specifying ty	pe 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 activi	ty bas	sed on
				resource needs		
			257	Scheduled Finish		
				The scheduled finish for a task or activ	vity b	ased on
			_	resource needs		
Must Use	DTM02	373	Date		Χ	DT 6/6
NT / TT 1		225	Date (YYMMDD)		v	
Not Used	DTM03	337	Time Time expressed in	24-hour clock time as follows: HHMM,	X or UL	TM 4/8
			-	HMMSSDD, where $H = hours (00-23)$, N		· ·
				conds (00-59) and $DD =$ decimal seconds		``
				llows: $D = tenths (0-9) and DD = hundred$		
Not Used	DTM04	623	Time Code		0	ID 2/2
				time. In accordance with International		
				ard 8601, time can be specified by a + or to Universal Time Coordinate (UTC) tir		
				x_{r} + and - are substituted by P and M in the		
Not Used	DTM05	624	Century	, and the substituted by I and III in a	0	N0 2/2
			•	cters in the designation of the year (CCY	Y)	
Not Used	DTM06	1250	Date Time Period	Format Qualifier	X	ID 2/3
			Code indicating the	e date format, time format, or date and tir	ne fo	rmat
Not Used	DTM07	1251	Date Time Period		Х	AN 1/35
			Expression of a dat	te, a time, or range of dates, times or date	s and	times

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 Liem	ent Summary		
Must Use	Ref. <u>Des.</u> QTY01	Data <u>Element</u> 673	<u>Name</u> Quantity Qualifier Code specifying the		<u>Att</u> M	ributes ID 2/2
			1P	Resource (Quantity) available		
			1Q	Resource amount such as labor hours available for a task or activity Total Resource (Quantity)		
			1R	Total amount of the resources availab duration of the task or activity Level Resource (Quantity)	le for	the total
				The amount of resources available for the duration of the task or activity	r each	time unit for
			AV	Budget		
Must Use	QTY02	380	Quantity Numeric value of qu	uantity	М	R 1/15
	QTY03	C001	Composite Unit of	Measure	0	
			To identify a compo	osite unit of measure (See Figures App	endix	for examples
			of use)			
Must Use	C00101	355	Unit or Basis for N Code specifying the which a measureme Use code that appli	units in which a value is being express nt has been taken	M sed, or	ID 2/2 manner in
			tip	Ш		
			HR	Hours		
			UN	Unit		
	C	4.04.0	WM	Working Months	0	D 4/4 5
Not Used	C00102	1018	Exponent Power to which a un	ait is enjoyed	0	R 1/15
T. (TT)	000102	(40)		int is raised	•	D 1/10
Not Used	C00103	649	Multiplier Value to be used as	a multiplier to obtain a new value	0	R 1/10
Not Used	C00104	355	Unit or Basis for M	-	0	ID 2/2
vol Useu	C00104	333		units in which a value is being express	-	
Not Used	C00105	1018	Exponent Power to which a un		0	R 1/15
Not Used	C00106	649	Multiplier Value to be used as	a multiplier to obtain a new value	0	R 1/10
Not Used	C00107	355	Unit or Basis for M	leasurement Code	0	ID 2/2
			Code specifying the which a measureme	units in which a value is being express nt has been taken	ed, or	manner in

Not Used	C00108	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being express which a measurement has been taken	O sed, or	ID 2/2 r manner in
Not Used	C00111	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being express which a measurement has been taken	O sed, or	ID 2/2 r manner in
Not Used	C00114	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10

AMT Monetary Amount

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:	

Must Use	Ref. <u>Des.</u> AMT01	Data <u>Element</u> 522	<u>Name</u> Amount Qualifier Code Code to qualify amount	<u>Attı</u> M	ributes ID 1/2
			B5 Budgeted		
Must Use	AMT02	782	Monetary Amount Monetary amount	М	R 1/15
Not Used	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit	0	ID 1/1

PCT Percent Amounts

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

Must Use	Ref. <u>Des.</u> PCT01	Data <u>Element</u> 1004	<u>Name</u> Percent Qua Code to qual		<u>Att</u> M	ributes ID 1/2
			14	Availability Factor		
				A resource availability percentage		
			15	Efficiency Factor		
			16	Scrap or Rework Yield		
Must Use	PCT02	954	Percent Percentage et	xpressed as a decimal	Μ	R 1/10

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
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	Ref.	Data			
	Des.	<u>Element</u>	Name	Att	ributes
	PAM01	673	Quantity Qualifier	Х	ID 2/2
			Code specifying the type of quantity		
			AV Budget		
	PAM02	380	Quantity	Χ	R 1/15
			Numeric value of quantity		
	PAM03	C001	Composite Unit of Measure	Χ	
			To identify a composite unit of measure (See Figures App of use)	oendix	for examples
Must Use	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expres	sed, or	manner in
			which a measurement has been taken HR Hours		
NI (TI- I	000100	1010	WM Working Months	0	D 1/15
Not Used	C00102	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00103	649	Multiplier	0	R 1/10
Not Ostu	CUUIUS	015	Value to be used as a multiplier to obtain a new value	Ŭ	
Not Used	C00104	355	Unit or Basis for Measurement Code	0	ID 2/2
			Code specifying the units in which a value is being expres	sed, or	manner in
			which a measurement has been taken	-	
Not Used	C00105	1018	Exponent Power to which a unit is raised	0	R 1/15
N. 4 TI.	000106	(40		0	D 1/10
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code	0	ID 2/2
			Code specifying the units in which a value is being expres which a measurement has been taken	-	
Not Used	C00108	1018	Exponent	0	R 1/15

			Power to which a unit is raised			
Not Used	C00109	649		Multiplier O R 1		
not osca	000109	015	Value to be used as a multiplier to obtain a new value			
Not Used	C00110	355	Unit or Basis for Measurement Code	0	ID 2/2	
			Code specifying the units in which a value is being expres	ssed, o	r manner in	
			which a measurement has been taken			
Not Used	C00111	1018	Exponent	0	R 1/15	
	000110	(10	Power to which a unit is raised	0	D 1/10	
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10	
Not Used	C00113	355	Unit or Basis for Measurement Code	0	ID 2/2	
Not Used	C00115	333	Code specifying the units in which a value is being expres	_		
			which a measurement has been taken	,, o.		
Not Used	C00114	1018	Exponent	0	R 1/15	
			Power to which a unit is raised			
Not Used	C00115	649	Multiplier	0	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 tim	e		
			196 Start			
	PAM08	373	Date	Χ	DT 6/6	
			Date (YYMMDD)			
Not Used	PAM09	337	Time	X	TM 4/8	
			Time expressed in 24-hour clock time as follows: HHMM HHMMSSD, or HHMMSSDD, where H = hours (00-23),			
			59), S = integer seconds (00-59) and DD = decimal second		•	
			are expressed as follows: $D = tenths (0-9) and DD = hund$			
	PAM10	374	Date/Time Qualifier	Χ	ID 3/3	
			Code specifying type of date or time, or both date and tim	e		
			197 End			
	PAM11	373	Date	Χ	DT 6/6	
			Date (YYMMDD)			
Not Used	PAM12	337	Time	Χ	TM 4/8	
			Time expressed in 24-hour clock time as follows: HHMM			
			HHMMSSD, or HHMMSSDD, where $H = hours (00-23)$, 50) S = integer seconds (00, 50) and DD = decimal second		•	
			59), S = integer seconds (00-59) and DD = decimal second are expressed as follows: D = tenths (0-9) and DD = hund			
Not Used	PAM13	1004	Percent Qualifier	X	ID 1/2	
			Code to qualify percent			
Not Used	PAM14	954	Percent	Χ	R 1/10	
			Percentage expressed as a decimal			

.

	Position:	290				
	Loop:	MLS Optional				
	Level: Detail					
Usage: Optional						
Max Use: 1						
G	Purpose:	To identi	fy milestone de	tails for tasks or activities		
-	tax Notes: ntic Notes:					
	omments:					
	Notes:	segments	*	cribe milestones associated with a t one loop to provide additional infor tt.		
	Ref.	Data	Data 1	Element Summary		
	Des.	Element	Name		Att	ributes
Must Use	MLS01	1171		mber Identification nilestone number	Μ	AN 1/20
			Enter the nam	ne, code, or reference number for t	the milestone.	
	MLS02	352	Description	n de la constante de la constan La constante de la constante de	0	AN 1/80
			A free-form de	escription to clarify the related data	elements and t	heir content
						TD 1/2
	MLS03	1297	Work Status	Code	0	ID 1/2
	MLS03	1297		Code g the status for a work task	0	ID 1/2
	MLS03	1297			0	10 172
	MLS03	1297	Code indicatin	ng the status for a work task	0	10 1/2
	MLS03	1297	Code indicatin CO	ng the status for a work task Complete	0	10 1/2
	MLS03 MLS04	1297 306	Code indicatin CO RE	ng the status for a work task Complete Revised	0	ID 1/2 ID 1/2
			Code indicatin CO RE ST Action Code	ng the status for a work task Complete Revised		
			Code indicatin CO RE ST Action Code	ng the status for a work task Complete Revised Started		
			Code indicatin CO RE ST Action Code Code indicatin	ng the status for a work task Complete Revised Started ng type of action		

	Segment:	REF	Reference Id	lentification		
	Position:	300	Ontional			
	Loop: Level:	MLS Detail	Optional			
	Usage:	Optional				
	Max Use:	>1 To specif	fy identifying in	formation		
Syn	Purpose: tax Notes:	-		02 or REF03 is required.		
· ·				C04004 is present, then the other is r	-	
Seman	tic Notes:			C04006 is present, then the other is r a relating to the value cited in REF02	-	
	omments:					
	Notes:	*	segment to prov e segment.	vide reference numbers related to th	e milestone d	escribed in the
		MILLESION	e segment.			
		224000000000000000000000000000000000000	Data 1	Element Summary		
	Ref.	Data Flement	Nama		A 44	<u>ributes</u>
ust Use	<u>Des.</u> REF01	<u>Element</u> 128	<u>Name</u> Reference Ide	entification Qualifier	<u>Au</u> M	ID 2/3
				ng the Reference Identification		
			77	Work Package		
				A detailed, short span task or a contractor for doing the wor		•
				contract	x required to	complete me
			80	Charge Number		
				A number used by financial sy accounts for costs incurred on		tify
			81	Symbol Number (for Milestor		orts)
				Symbols are used for graphica	al representati	on on
				Milestone schedule reports an the various symbols indicate p		· ·
				completed, and slipped events		
				mutually agreed upon between		
			WO	Work Order Number	aludina matari	al and labor
				Number assigned for work ind beyond normal work required	-	
ust Use	REF02	127	Reference Ide		X	AN 1/30
				ormation as defined for a particular T the Reference Identification Qualifier	ransaction Set	or as
ot Used	REF03	352	Description		X	AN 1/80
		~ ~ ~ ~		escription to clarify the related data e		neir content
ot Used	REF04	C040	Reference Ide		0	hara aa
			•	e or more reference numbers or ident le Reference Qualifier	incation hum	0015 45
ot Used	C04001	128	Reference Ide	entification Qualifier	Μ	ID 2/3
tInd	C04002	107		ng the Reference Identification	М	AN 1/20
ot Used	C04002	127	Reference Ide Reference info	prmation as defined for a particular T	M ransaction Set	AN 1/30 or as
	00.000	100	specified by th	e Reference Identification Qualifier		
ot Used	C04003	128		entification Qualifier ng the Reference Identification	Х	ID 2/3
ot Used	C04004	127	Reference Ide		X	AN 1/30
			Reference info			

n

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	n Set	t or as
			specified by the Reference Identification Qualifier		

DTM Date/Time Reference

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

	Def	Data	Data Liem	entSummary		
	Ref. <u>Des.</u>	Data <u>Element</u>	Name		A tti	ributes
Must Use	<u>Des.</u> DTM01	<u>374</u>	Date/Time Qualifie	er	M	ID 3/3
Must Osc	DINIOI	5/4	_	be of date or time, or both date and time	174	10 5/5
			196	Start		
			197	End		
			240	Baseline Start		
			2.0	The start date of baseline or original pl	an	
			241	Baseline Complete	~~~	
				The complete date of the baseline or or	ioina	l nlan
			242	Actual Start	151114	i piun
				The actual start date for a task or activi	tv	
			243	Actual Complete	t y	
			243	The actual complete date for a task or a	ectivi	ty
			244	Estimated Start		(y
			277	The revised plan or estimate of the star	t date	for a task
				or activity	i uaic	, ioi a task
			245	Estimated Completion		
				The revised plan or estimate of the com	plete	e date for a
				task or activity	-	
Must Use	DTM02	373	Date		X	DT 6/6
			Date (YYMMDD)			
Not Used	DTM03	337	Time	A hour clock time of follows: HUMM	Х UU	TM 4/8
			-	24-hour clock time as follows: HHMM, c IMMSSDD, where H = hours (00-23), M		
				onds (00-59) and DD = decimal seconds;		
				lows: $D = tenths (0-9) and DD = hundred$		
Not Used	DTM04	623	Time Code		0	ID 2/2
				e time. In accordance with International S		
				rd 8601, time can be specified by a + or to Universal Time Coordinate (UTC) tim		
				+ and - are substituted by P and M in the		
Not Used	DTM05	624	Century		0	N0 2/2
			The first two charac	eters in the designation of the year (CCY)	Y)	
Not Used	DTM06	1250	Date Time Period		X	ID 2/3
			-	date format, time format, or date and tim		
				ta Element Dictionary for acceptable cod		
Not Used	DTM07	1251	Date Time Period		X .	AN 1/35
			Expression of a date	e, a time, or range of dates, times or dates	and	times

.

QTY Quantity
320
MLS Optional
Detail
Optional
>1
To specify quantity information

	Ref.	Data	Data Elem	ent Summary		
	Des.	Element	<u>Name</u>		Att	<u>ributes</u>
Must Use	QTY01	673	Quantity Qualifier	•	Μ	ID 2/2
			Code specifying the	e type of quantity		
			AT	Actual		
			AV	Budget		
			VE	Earned Value		
				The value of completed work or co work effort expressed in quantity u	-	ically hours
Must Use	QTY02	380	Quantity		Μ	R 1/15
			Numeric value of q	uantity		
	QTY03	C001	Composite Unit of	Measure	0	
			of use)	osite unit of measure (See Figures A	ppendix	-
Must Use	C00101	355		Aeasurement Code e units in which a value is being expr ent has been taken Hours	M ressed, or	ID 2/2 manner in
			UN	Use this code to identify that the q QTY02 is for hours - i.e., the num to the milestone. Unit	-	
			UIN	Use this code to assign unit weigh The figure entered in QTY02 is us earned value when the milestone certain "weight" or percentage of allocated to a task that has many	sed to cal is comple the total	lculate ete - it is a l budget
Not Used	C00102	1018	Exponent	Talah dalah mandal metantaran dan dari serekan dengan dalam dan mandal menangkan mandal menangkan menangkan dal Talah dalah menangkan dari sebagai sebag	0	R 1/15
			Power to which a u	nit is raised		
Not Used	C00103	649	Multiplier Value to be used as	a multiplier to obtain a new value	0	R 1/10
Not Used	C00104	355	Unit or Basis for N	Aeasurement Code e units in which a value is being expr	O ressed, or	ID 2/2 manner in
Not Used	C00105	1018	Exponent Power to which a u		0	R 1/15
	C00106	649	Multiplier		0	R 1/10
Not Used	00100		-	a multiplier to obtain a new value		

			Code specifying the units in which a value is being express which a measurement has been taken	sed, or	manner in
Not Used	C00108	1018	Exponent	0	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	0	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	0	ID 2/2
			Code specifying the units in which a value is being expres	sed, or	manner in
			which a measurement has been taken		
Not Used	C00111	1018	Exponent	0	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	Multiplier	0	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	0	ID 2/2
			Code specifying the units in which a value is being express which a measurement has been taken	sed, or	manner in
Not Used	C00114	1018	Exponent	0	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	0	R 1/10
			Value to be used as a multiplier to obtain a new value		

AMT Monetary Amount

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:	

Must Use	Ref. <u>Des.</u> AMT01	Data <u>Element</u> 522	<u>Name</u> Amount Qual	ifier Code	<u>Att</u> M	ributes ID 1/2
			Code to qualify amount			
			B5	Budgeted		
			CW	Earned Value		
			CX	Actual		
Must Use	AMT02	782	Monetary Am Monetary amo		Μ	R 1/15
Not Used	AMT03	478	Credit/Debit I Code indicatin	Flag Code g whether amount is a credit or debit	0	ID 1/1

	Segment: Position:	I U I 340	Percent Amounts	
	Loop:	MLS	Optional	
	Level:	Detail		
	Usage:	Optional		
	Max Use:	>1		
~	Purpose:	To qualif	fy percent amounts and supply percent amount	ts
	tax Notes:			
	ntic Notes:			
	Notes:	1. h		ity segment to assign an earned
	10003	value we value for value wh is comple	right to a particular milestone. This weight part r a task that has many milestones - each miles then complete. The earned value that can be e eted may be entered as a quantity (hours) or r AMT segments in this Milestone loop.	ercent is used to calculate earned stone is worth so much earned earned when the given milestone
	10003	value we value for value wh is comple	right to a particular milestone. This weight part r a task that has many milestones - each miles then complete. The earned value that can be e eted may be entered as a quantity (hours) or t	ercent is used to calculate earned stone is worth so much earned earned when the given milestone
	Ref.	value we value for value wh is comple	right to a particular milestone. This weight part r a task that has many milestones - each miles then complete. The earned value that can be e eted may be entered as a quantity (hours) or r AMT segments in this Milestone loop.	ercent is used to calculate earned stone is worth so much earned earned when the given milestone
	Ref. Des.	value we value for value wh is comple QTY or A Data <u>Element</u>	hight to a particular milestone. This weight part r a task that has many milestones - each miles then complete. The earned value that can be e eted may be entered as a quantity (hours) or r AMT segments in this Milestone loop. Data Element Summary	ercent is used to calculate earned stone is worth so much earned earned when the given milestone monetary amount (dollars) in the <u>Attributes</u>
Must Use	Ref.	value we value for value wh is comple QTY or A Data	right to a particular milestone. This weight part r a task that has many milestones - each miles then complete. The earned value that can be e eted may be entered as a quantity (hours) or r AMT segments in this Milestone loop. Data Element Summary <u>Name</u> Percent Qualifier	ercent is used to calculate earned stone is worth so much earned earned when the given milestone monetary amount (dollars) in the
Must Use	Ref. Des.	value we value for value wh is comple QTY or A Data <u>Element</u>	right to a particular milestone. This weight part r a task that has many milestones - each miles then complete. The earned value that can be e eted may be entered as a quantity (hours) or r AMT segments in this Milestone loop. Data Element Summary <u>Name</u>	ercent is used to calculate earned stone is worth so much earned earned when the given milestone monetary amount (dollars) in the <u>Attributes</u>
Must Use	Ref. Des.	value we value for value wh is comple QTY or A Data <u>Element</u>	right to a particular milestone. This weight part r a task that has many milestones - each miles then complete. The earned value that can be e eted may be entered as a quantity (hours) or r AMT segments in this Milestone loop. Data Element Summary <u>Name</u> Percent Qualifier	ercent is used to calculate earned stone is worth so much earned earned when the given milestone monetary amount (dollars) in the <u>Attributes</u>
Must Use Must Use	Ref. Des.	value we value for value wh is comple QTY or A Data <u>Element</u>	right to a particular milestone. This weight part r a task that has many milestones - each miles then complete. The earned value that can be e eted may be entered as a quantity (hours) or r AMT segments in this Milestone loop. Data Element Summary <u>Name</u> Percent Qualifier Code to qualify percent	ercent is used to calculate earned stone is worth so much earned earned when the given milestone monetary amount (dollars) in the <u>Attributes</u>

Segment:	SE Transaction Set Trailer
Position: Loop:	350
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.

	Ref.	Data			
	Des.	Element	Name	Att	ributes
Must Use	SE01	96	Number of Included Segments	Μ	N0 1/10
			Total number of segments included in a transaction set incluses segments	ıding	ST and SE
Must Use	SE02	329	Transaction Set Control Number	Μ	AN 4/9
			Identifying control number that must be unique within the t	ransa	ction set
			functional group assigned by the originator for a transaction	ı set	
			SE02 is the same number as the number in ST02.		

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