

**EXAMPLE – PROJECT COST REPORTING TRANSACTION SET (839)
COST PERFORMANCE REPORTS**

ASC X12 EDI FORMAT**DEFINITION**

ST*839*123456789 n/l

This is an 839 Project Cost Reporting Transaction Set with a control number of 123456789.

BCS*00*970815*F04701-92-C-1004*970731*CY*Multipurpose Vehicle*Case
XX*02*90*75*25*R5 n/l

This is an original transaction set with a date of August 15, 1997. The contract number is F04701-92-C-1004, current reporting date is July 31, 1997. It is a Cost Plus Incentive Fee type of contract, description is Multipurpose Vehicle, Program Number is Case XX, it is a Production type of contract, and is a Government non-classified type of contract. The Contractor Above Share Ratio is 75, the Below Share Ratio is 25, all header monetary values are in thousands of dollars.

REF*C4*FX0049 n/l

Reference number to identify the change document number.

REF*CA*83912345 n/l

Unique reference number for this transaction set. This is used to link related transaction set information.

REF*72*80612345 n/l

Unique reference number for a related schedule (806) transaction set.

REF*KL**Contract Name XYZ n/l

Contract name reference.

DLV*100*F7*MP Vehicle n/l

The number of items to be delivered and description. Note that DLV can be used more than once to describe the number of items delivered for different phases of contract such as R&D and production.

AMT*26*250974 n/l

Negotiated cost.

AMT*27*12613 n/l

Authorized unpriced work.

AMT*28*268542 n/l

Target price.

AMT*29*305003 n/l

Estimated price.

AMT*34*67191 n/l

Negotiated contract changes.

AMT*36*263587 n/l

Contract budget base.

AMT*CY*162652 n/l

Performance measurement baseline budget cost for the contract.

AMT*CZ*159412 n/l

Performance measurement baseline earned value cost for the contract.

AMT*D9*175279 n/l

Performance measurement baseline actual costs for the contract.

AMT*49*263586 n/l

Budget at complete.

AMT*50*294208 n/l

Latest revised estimate.

AMT*85*273586 n/l

Best case management estimate at complete.

AMT*86*304208 n/l

Worst case management estimate at complete.

AMT*87*295208 n/l

Most likely management estimate at complete.

AMT*52*263587 n/l

Total allocated budget.

PCT*05*7 n/l

Target fee or profit percent.

DTM*090*970701 n/l	Report start date.
DTM*091*970731 n/l	Report end date.
DTM*245*000101 n/l	Estimated completion date.
DTM*276*960315 n/l	Contract start date.
DTM*279*991231 n/l	Contract completion date.
DTM*277*960315 n/l	Contract definition date.
DTM*278*991231 n/l	Last item delivery or planned completion date.
CFT*F1*R5 n/l	Report format type is Cost Performance Report (CPR) Format 1 – Work Breakdown Structure. Monetary amounts are in thousands of dollars.
BSD*74*1110*Element description*3*111**2 n/l	Work breakdown structure, element code is 1110 with description, level is 3, parent WBS is element 111, level of parent is 2. Monetary amounts for the element follows. Cumulative, current period, variance, and reprogramming adjustment values can be conveyed. Typically current period and variance values are calculated by the receiving system. Cumulative details are illustrated here.
AMT*CY*35097 n/l	Cumulative budget cost.
AMT*CZ*34205 n/l	Cumulative earned value or work accomplished cost.
AMT*D9*38858 n/l	Cumulative actual costs.
AMT*49*42754 n/l	At complete budget cost.
AMT*50*50354 n/l	At complete latest revised estimate cost.
QTY*AW*725 n/l	Cumulative budget hours. Example of hour information associated with a given WBS element along with amount details (AMT segment). Cumulative hours are shown here, current period hours can also be conveyed.
QTY*37*605 n/l	Cumulative earned value or work accomplished hours.
QTY*AU*865 n/l	Cumulative actual hours.
QTY*BC*940 n/l	Budget at complete hours.
QTY*AZ*1260 n/l	Estimate at complete hours.
BSD*74*1120**3*112**2 n/l	Work Breakdown structure, element code is 1120, level is 3, parent WBS is element 112, level of parent is 2.
AMT*CY*1372 n/l	Monetary amounts for the WBS element follows.
AMT*CZ*1372 n/l	
AMT*D9*1284 n/l	
AMT*49*1805 n/l	
AMT*50*1758 n/l	
Work breakdown structure and related monetary amounts continue for the rest of the reporting structure. Example of summary level information follows.	
BSD*74*COM**2*1**1 n/l	Cost of money details, level 2. Parent code is 1, at level 1.

AMT*CY*7302 n/l	Monetary amounts follows for cost of money element.
AMT*CZ*7196 n/l	
AMT*D9*8202 n/l	
AMT*49*12231 n/l	
AMT*50*14259 n/l	
BSD*74*G&A**2*1**1 n/l	General and administrative details.
AMT*CY*18824 n/l	
AMT*CZ*18429 n/l	
AMT*D9*19359 n/l	
AMT*49*30184 n/l	
AMT*50*34223 n/l	
BSD*74*UB**2*1**1 n/l	Undistributed budget details.
AMT*49*4734 n/l	
AMT*50*4734 n/l	
BSD*74*MR**2*1**1 n/l	Management reserve details.
AMT*49*7042 n/l	
AMT*50*595 n/l	
BSD*74*VA*Variance Adjustment*2*1**1 n/l	Variance adjustment at total contract level.
AMT*45*101 n/l	Schedule variance adjustment.
AMT*46*95 n/l	Cost variance adjustment.
	Subtotals and totals are generally calculated by receiving application and are not transmitted.
End example for CPR Format 1, begin example for Format 2.	
CFT*F2*R5 n/l	Report format type is Cost Performance Report (CPR) Format 2 – Organizational Categories. Monetary amounts are in thousands of dollars.
BSD*75*1000*Engineering*3*ENG**2 n/l	Organization structure, element is code 1000 with a description of Engineering, level 3. Parent element is ENG, level 2. Monetary amount details follow, hours can also be conveyed as needed. See CPR Format 1 example.
AMT*CY*6721 n/l	Cumulative budget cost.
AMT*CZ*7390 n/l	Cumulative earned value or work accomplished cost.
AMT*D9*7045 n/l	Cumulative actual costs.
AMT*49*14178 n/l	At complete budget.
AMT*50*14700 n/l	At complete latest revised estimate.
BSD*75*2000*Manufacturing*3*MFG**2 n/l	Organization structure, element is code 2000 with a description of Manufacturing, level 3. Parent element is MFG, level 2.
AMT*CY*8961 n/l	Monetary amounts for the OBS element follows.

AMT*CZ*9853 n/l

AMT*D9*9393 n/l

AMT*49*18904 n/l

AMT*50*19600 n/l

Organization structure and related monetary amounts continue for the rest of the reporting structure. Summary level elements can be conveyed as well if needed. See the CPR Format 1 example. End of example for CPR Format 2, begin example for CPR Format 3.

CFT*F3*R5 n/l

Report format type is Cost Performance Report (CPR) Format 3 – Baseline. Monetary amounts are in thousands of dollars.

CAL*70*1*****IO*3*0498 n/l

Header level remainder of contract (after six month forecast detail) period group information. Calendar group 1, covers 3 reporting months, title is "0498" for April of 1998.

CAL*70*2*****IO*3*0798 n/l

Calendar group 2, covers 3 reporting months, title is "0798" for July of 1998.

CAL*70*3*****IO*3*1098 n/l

Calendar group 3, covers 3 reporting months, title is "1098" for October of 1998.

CAL*70*4*****IO*3*0199 n/l

Calendar group 4, covers 3 reporting months, title is "0199" for January of 1999.

CAL*70*5*****IO*11*1299 n/l

Calendar group 4, covers 11 reporting months, balance of contract, title is "1299" for December of 1999.

CAL*70*At Complete*****IO*34 n/l

Calendar group for the budget at complete, notes total number of reporting periods for the contract, no title needed.

BSD*74*BOP*Beginning of Period n/l

Work breakdown structure reference, numbers that follow represent values at the beginning of the reporting period.

AMT*CY*153243 n/l

Cumulative budget cost.

AMT*B5*9904 n/l

Current period budget cost.

AMT*MB*2805 n/l

Undistributed budget amount.

PAM****B5*8859*MO*174*970831 n/l

Period budget cost for month ending August 31, 1997.

PAM****B5*6505*MO*174*970930 n/l

Period budget cost for month ending September 30, 1997.

PAM****B5*9556*MO*174*971031 n/l

Period budget cost for month ending October 31, 1997.

PAM****B5*7424*MO*174*971130 N/L

Period budget cost for month ending November 30, 1997.

PAM****B5*5296*MO*174*971231 n/l

Period budget cost for month ending December 31, 1997.

PAM****B5*5296*MO*174*980131 n/l

Period budget cost for month ending January 31, 1998.

PAM****B5*15888*QY*194*980430 n/l

Period budget cost for quarter year ending April 30, 1998. Relates to calendar (CAL) group 1.

PAM****B5*11433*QY*194*980731 n/l	Period budget costs for quarter year ending July 31, 1998. Relates to calendar (CAL) group 2.
PAM****B5*10554*QY*194*981031 n/l	Period budget costs for quarter year ending October 31, 1998. Relates to calendar (CAL) group 3.
PAM****B5*6758*QY*194*990131 n/l	Period budget costs for quarter year ending January 31, 1999. Relates to calendar (CAL) group 4.
PAM****B5*5560*CY*194*991231 n/l	Period budget costs for the balance of the contract (to complete) which ends on December 31, 1999. Relates to calendar (CAL) group 5.
PAM****49*782972*CY*194*991231 n/l	Period budget at complete costs for the contract which ends December 31, 1999. Relates to calendar (CAL) group At Complete.
BSD*74*BC1*Baseline Change 1 n/l	Work breakdown structure reference, baseline change details.
AMT*49*10314 n/l	Budget at complete change.
MSG*Applied management reserve n/l	Short description of change.
BSD*74*BC2*Baseline Change 2 n/l	Next baseline change reference.
AMT*49*14489 n/l	Related amount.
MSG*Description n/l	Description of change.
BSD*74*EOP*End of Period n/l	Work breakdown structure reference, numbers that follow represent values at the end of the reporting period.
AMT*CY*162652 n/l	
AMT*MB*4734 n/l	
PAM****B5*8930*MO*174*970831 n/l	
PAM****B5*6802*MO*174*970930 n/l	
PAM****B5*9106*MO*174*971031 n/l	
PAM****B5*7306*MO*174*971130 N/L	
PAM****B5*6152*MO*174*971231 n/l	
PAM****B5*4998*MO*174*980131 n/l	
PAM****B5*14994*QY*194*980430 n/l	
PAM****B5*12532*QY*194*980731 n/l	
PAM****B5*10080*QY*194*981031 n/l	
PAM****B5*7455*QY*194*990131 n/l	
PAM****B5*6050*CY*194*991231 n/l	
PAM****49*785985*CY*194*991231 n/l	
End CPR Format 3 example, begin CPR Format 4 example.	
CFT*F4*WM n/l	Report format type is Cost Performance Report (CPR) Format 4 – Staffing, forecast values. Quantities are working months. Note that a budget version of Format 4 can also be conveyed; use code "LP" instead of "F4".

CAL*70*1*****IO*3*0498 n/l	Header level remainder of contract (after six month forecast detail) period group information. Calendar group 1, covers 3 reporting months, title is "0498" for April of 1998.
CAL*70*2*****IO*3*0798 n/l	Calendar group 2, covers 3 reporting months, title is "0798" for July of 1998.
CAL*70*3*****IO*3*1098 n/l	Calendar group 3, covers 3 reporting months, title is "1098" for October of 1998.
CAL*70*4*****IO*3*0199 n/l	Calendar group 4, covers 3 reporting months, title is "0199" for January of 1999.
CAL*70*5*****IO*11*1299 n/l	Calendar group 4, covers 11 reporting months, balance of contract, title is "1299" for December of 1999.
CAL*70*At Complete*****IO*34 n/l	Calendar group for the forecast at complete, notes total number of reporting periods for the contract, no title needed.
BSD*75*1000**3*ENG**2 n/l	Organization structure reference, element code is 1000.
QTY*AT*100 n/l	Current period actual quantity working months.
QTY*AU*1000 n/l	Cumulative actual quantity working months.
PAM*AY*120*WM***MO*174*970831 n/l	Period forecast quantity for the month ending August 31, 1997.
PAM*AY*130*WM***MO*174*970930 n/l	Period forecast quantity for the month ending September 30, 1997.
PAM*AY*140*WM***MO*174*971031 n/l	Period forecast quantity for the month ending October 31, 1997.
PAM*AY*150*WM***MO*174*971130 N/L	Period forecast quantity for the month ending November 30, 1997.
PAM*AY*160*WM***MO*174*971231 n/l	Period forecast quantity for the month ending December 31, 1997.
PAM*AY*170*WM***MO*174*980131 n/l	Period forecast quantity for the month ending January 31, 1998.
PAM*AY*340*WM***QY*194*980430 n/l	Period forecast quantity for the quarter year ending April 30, 1998. Relates to calendar (CAL) group number 1.
PAM*AY*400*WM***QY*194*980731 n/l	Period forecast quantity for the quarter year ending July 31, 1998. Relates to calendar (CAL) group number 2.
PAM*AY*480*WM***QY*194*981031 n/l	Period forecast quantity for the quarter year ending October 31, 1998. Relates to calendar (CAL) group number 3.
PAM*AY*350*WM***QY*194*990131 n/l	Period forecast quantity for the quarter year ending January 31, 1999. Relates to calendar (CAL) group number 4.
PAM*AY*300*WM***CY*194*991231 n/l	Period forecast quantity for the balance of the contract (to complete) which ends on December 31, 1999. Relates to calendar (CAL) group 5.
PAM*AZ*4900*WM***CY*194*991231 n/l	Period forecast at complete costs for the contract which ends December 31, 1999. Relates to calendar (CAL) group At Complete.

BSD*75*2000**3*MFG**2 n/l

Organization structure reference, element code is 2000.

QTY*AT*100 n/l

Quantity (QTY) and time based quantity (PAM) for the OBS element follows.

QTY*AU*1000 n/l

PAM*AY*120*WM***MO*174*970831 n/l

PAM*AY*130*WM***MO*174*970930 n/l

PAM*AY*140*WM***MO*174*971031 n/l

PAM*AY*150*WM***MO*174*971130 N/L

PAM*AY*160*WM***MO*174*971231 n/l

PAM*AY*170*WM***MO*174*980131 n/l

PAM*AY*340*WM***QY*194*980430 n/l

PAM*AY*400*WM***QY*194*980731 n/l

PAM*AY*480*WM***QY*194*981031 n/l

PAM*AY*350*WM***QY*194*990131 n/l

PAM*AY*300*WM***CY*194*991231 n/l

PAM*AZ*4900*WM***CY*194*991231 n/l

Organization structure and related quantities continue for the rest of the reporting structure. End of example for CPR Format 4, begin example for CPR Format 5.

CFT*F5 n/l

Report format type is Cost Performance Report (CPR) Format 5 – Explanations and Problem Analyses. Only narrative is included in this example for the work breakdown structure. Amounts and quantities can be included if needed. Can also be used for the organization structure.

BSD*74*1110 n/l

Work breakdown structure element is 1110 (relates to a WBS code from CPR Format 1).

MSG*Narrative text that describes variance analysis details, changes made, work arounds, and so forth. n/l

MSG*Multiple lines can be used if you need to. n/l

BSD*74*1120 n/l

The next work breakdown structure element.

MSG*Narrative for the next WBS element. n/l

End examples for the report formats. Contractor details follows.

N1*FR**1*DUNSNO n/l

The company sending the data DUNS number.

PER*AA*Brooks Mel*TE*703-123-1234*FX*703-123-5555*EM*Brooks@xyz.com*Program Manager n/l

Authorized representative name, phone number, fax number, e-mail address, and title.

DTM*275*970731 n/l

Submission approval date.

SE*nnn*123456789 n/l

The nnn equals the number of segments in the transmission with transaction set control number.