

**WideAreaWorkFlow**  
e-Business Suite



**EDI Guide - Appendix J**  
**821 Financial Information Reporting - (Inbound to iRAPT from GEX/SABRS/MISC PAY & Extract from iRAPT to GEX/SABRS/MISC PAY)**

**Version 5.9.1**  
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# 1 General Instructions

The following pages represent the iRAPT Data Element/Segment Cross Reference for iRAPT inbound and outbound EDI transactions received from GEX for the Marine Corp for Misc. Payments. The tables that follow present the usage of the Segments and data elements arrayed in Transaction Set Order. The information represents 821 (Financial Information Reporting) X12 transactions inbound and outbound to Invoicing, Receipt, Acceptance and Property Transfer (iRAPT), Release 4.2 from the Marine Corps.

April 20, 2004 – Date of 821 IC, 004010D821P0

Website for detailed UID information:

<http://www.acq.osd.mil/dpap/pdi/uid/index.html>

Website for detailed RFID information:

<http://www.acq.osd.mil/log/rfid/index.htm>

Each table includes the following columns:

Data Segment	X12 Segment
Description	X12 Name
Element	X12 Data Element Reference Number
Format & Min/Max	Specific to iRAPT, not ANSI X12
Requirements	Depicts whether the Segment is: <ul style="list-style-type: none"> <li><b>M</b> – Mandatory – Usage is required.</li> <li><b>O</b> – Optional – Can be used or not used.</li> <li><b>C</b> – Conditional – Contingent upon another criteria being met. (Field is not mandatory or optional, e.g. Extension Fields to Department of Defense Activity Address Codes (DoDAAC); use if a DoDAAC is present.)_See Notes Column for specific instructions.</li> <li><b>N/A</b> – Not Allowed.</li> </ul>
iRAPT Notes	Contains notations of the Field’s usage or restrictions within iRAPT.

In addition, Fields to be included within iRAPT display the Field “Type” to depict the type of value to be included within the Segment:

- **Nv** Numeric Field where v = number of decimal positions, decimal implied (i.e. 300 will be read as 3.00)
- **R** Decimal number. Where value includes decimal, iRAPT requires that decimal point and value be sent: iRAPT will NOT imply or assume decimal points. Examples:
  - 300 will be read into iRAPT as “300”

- 3.00 will be read into iRAPT as “3”
- 3.5 will be read into iRAPT at “3.5”
- **ID** Identifier
- **AN** Alphanumeric String
- **DT** Date – All Date Fields use format CCYYMMDD
- **TM** Time – All Time Fields use the format HHMMSS

**Each extract and inbound transaction will have a Header Segment. There will be one instance of the WAWF Header Segment per transaction, prior to the ST Segment. Example below:**

<i>Description</i>	<i>Min/Max</i>	<i>Usage</i>	<i>Notes</i>
WAWF	2/15	M	From iRAPT: DoDAAC of the Activity that will receive the transaction. To iRAPT: DoDAAC of the activity that is sending the transaction.
Production/Test Indicator	1/1	M	From iRAPT: “P” for Production, “T” for Test To iRAPT: “P” for Production, “T” for Test

**Sample:**

WAWF^067443^T

**1.1 ST Segment – Transaction Set Header, Pos. 010, Header**

**NOTE:** There must be one and only one instance of ST per transaction.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
ST01	Transaction Header	143	3/3	821	"821"	ID
ST02	Transaction Set Control Number	329	4/9	M	Identifying control Number by Originator	AN

**Sample:**

ST^821^0023

**1.2 B2A Segment – Set Purpose, Pos. 020, Header**

**NOTE:** There may be one and only one instance of B2A per transaction.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
B2A01	Transaction Set Purpose Code	353	2/2	M	Extract/Inbound: "00" Original, "56" De-obligation of funds.  Use to indicate the initial obligation.	ID

**Sample:**

B2A^00

**Notes:**

iRAPT will only extract a code "56" in the B2A Segment (B2A01) if the pay official rejects and it is considered a de-obligation ("56" is sent back to SABRS if 810R is rejected).

The "56" code in the B2A01 will be extracted from iRAPT upon the following conditions:

- If the Acceptor has signed and iRAPT has a successful 821 from SABRS that has updated the accounting info and the LPO makes the document available for recall and the Acceptor actually recalls.
- If the Acceptor has signed and iRAPT has a successful 821 from SABRS that has updated the accounting info and the LPO rejects the document to the Initiator.
- If the Acceptor has signed and iRAPT has a successful 821 from SABRS that has updated the accounting info and the LPO signs and the Pay Official rejects to the Initiator.

**1.3 DTM Segment – Date/Time Reference, Pos. 030, Header**

**NOTE:** There must be one instance of a DTM Segment per transaction.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
DTM01	Date/Time Qualifier	374	3/3	M	Extract: “992” Date Requested (Obligation Date/De-obligation Date)  Inbound: “097” Transaction Creation Date	ID
DTM02	Date	373	8/8	C	Date - CCYYMMDD	DT

**Sample:**

DTM^992^20081122

**DTM01 – Date/Time Qualifier**

097 Transaction Creation

313 Cycle – Not used at this time.

992 Date Requested (Obligation Date)

**1.4 TRN Segment – Trace, Pos. 040, Header**

**NOTE:** There must be one instance of a TRN Segment per transaction.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
TRN01	Trace Type Code:	481	1/2	M	Extract/Inbound Enter "1" for Current Transaction Trace Numbers.	ID
TRN02	Reference Identification	127	2/2	M	Extract/Inbound Enter "ZZ".	AN

*Sample:*

TRN^1^ZZ

**1.5 N1 Segment – Name Segment, Pos. 050, Header – Not Used**

**1.6 PER Segment – Pos. 060, Header – Not Used**

**1.7 REF Segment – Reference Identification, Pos. 061, Header**

**NOTES:** There must be one or more instances of the REF Segment to report the pseudo PIIN (contract number) on inbound/extract transactions.

This Segment will also be used on inbound transactions to iRAPT to indicate a SABRS rejection indicator.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
REF01	Reference Identification Qualifier:	128	2/2	M	“ZZ” will indicate a rejection note – 821 reject only on inbound  Inbound: GEX will send iRAPT a “ZZ”.  Extract/Inbound: “OQ” – Order Number	ID
REF02	Reference ID	127	17/19	M	“Obligation Rejected” – is the text that GEX will send to iRAPT if “ZZ” is in REF01.  The “PIIN” is reported in REF02 if “OQ” is noted in REF01.	AN

**Sample:**

REF^OQ^PIIN8594039239506

**Notes:**

- This Segment will be used on Extract/Inbound transactions.
- iRAPT will only extract one REF Segment with an “OQ” code in REF01 and pseudo PIIN (Contract Number) in REF02.
- iRAPT requires a REF Segment with an “OQ” code in REF01 and the pseudo PIIN (Contract Number) reported in REF02.
- On Inbound transactions, iRAPT will check for the presence of a second occurrence of the REF Segment with a “ZZ” code in REF01. If a “ZZ” is reported in REF01, then REF02 will contain the message “Obligation Rejected.” iRAPT will treat the obligation transaction as a rejection by SABRS and will examine the detail records for the cause of the rejection.
- If only one REF Segment is reported with an “OQ” code in REF01 and the pseudo PIIN (Contract Number) is reported in REF02, then iRAPT will imply that the document is okay and an error code **will not** be submitted in the detail.

**1.8 ENT Segment – Pos. 010, Detail**

**NOTE:** There must be at least one instance of ENT per ENT Loop.

Repetitions will equal the number of ITEMS reported in the ACT Segment.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
ENT01	Assigned Number	554	1/6	O	Acts as a counter.  For Miscellaneous Payments, indicate number "1" for only one item. For multiple items reported (that are greater than one), start with the number "1" for the first item, followed by the numbers "2", "3", "4", "5", etc.	N0

**Sample:**

ENT^1

**1.9 LM Segment – Code Source Info, Pos. 085, Detail – Not Used**

**1.10 LQ Segment – Industry Code, Pos. 087, Detail – Not Used**

**1.11 ACT Segment – Account Identification, Pos. 070, Detail**

**NOTE:** There may be one instance of the ACT Segment per ENT Loop to send an ITEM ID.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
ACT01	Account Number	508	4/4	M	Extract/Inbound: Enter ITEM.	AN

**Sample:**

ACT^0001 (single Item sample)

**1.12 CUR Segment – Currency, Pos. 080, Detail – Not Used**

**1.13 TSU Segment – Transaction Summary, Pos. 120, Detail**

Loop ID: TSU

**NOTE:** There must be one and only one instance of the TSU Segment.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
TSU01	Code List Qualifier Code	1270	2/2	M	Extract/Inbound: "ZZ"	ID
TSU02	Industry Code	1271	2/2	M	AA to indicate total of the transaction.	AN
TSU03	Monetary Amount	782	1/18	M	Total ITEM amount.	R
TSU04	Quantity	380	1/15	M	ITEM Quantity (Number of Items)	R

**Sample:**

TSU^ZZ^AA^500^5

**1.14 FIR Segment – Financial Information, Pos. 140, Detail**

Loop ID: FIR

**NOTE:** There may be one and only one instance of the FIR Segment.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
FIR01	Code List Qualifier Code	1270	2/2	M	“ZZ” Mutually Defined	ID
FIR02	Industry Code	1271	1/1	M	When FIR01 contains code “ZZ-Mutually Defined”, cite a “1” in FIR02 to comply with ASC X12 requirements.	AN
FIR03	Monetary Amount	782	1/18	M	ITEM Unit Price	R

**Sample:**

FIR^ZZ^1^500

**1.15 DTM Segment – Date/Time Reference, Pos. 150, Detail – Not Used**

**1.16 REF Segment – Reference Identification, Pos. 160, Detail**

Loop ID: FIR

**NOTES:** There may be one instance of the REF Segment.

This Segment is not used by iRAPT for the extract. This Segment is only used on inbound 821 transactions to iRAPT from SABRS to indicate accepted/error codes in REF02.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
REF01	Reference Identification Qualifier:	128	2/2	M	A code "ZZ" will be placed here.	ID
REF02	Reference ID	127	1/30	M	"900" means accepted in SABRS. GEX will send error codes they have received from crosswalk.	AN
REF03	Description	352	1/80	O	GEX will send what the rejection code means, which will be the error text explanation provided by SABRS. If a "900" is sent in REF02, then REF03 will be blank.	AN

**Sample:**

REF^ZZ^900

**1.17 NM1 Segment – Individual or Org Name, Pos. 240, Detail – Not Used**

**1.18 N2 Segment – Pos. 250, Detail – Not Used**

**1.19 N3 Segment – Pos. 260, Detail – Not Used**

**1.20 N4 Segment – Pos. 270, Detail – Not Used**

**1.21 FA1 Segment – Type of Financial Accounting Data, Pos. 290, Detail**

Loop ID: FA1

**NOTE:** There may be one instance of the FA1 Segment extracted if there is an FA2 Segment.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
FA101	Agency Qualifier Code – See below	559	2/2	M	Extract/Inbound: Enter “DD” for DoD.	ID

**Sample:**

FA1^DD

**FA101 - Agency Qualifier Code**

DD DoD – Department of Defense

**1.22 FA2 Segment – Accounting Data, Pos. 300, Detail**

**NOTE:** There may be one or more instances of FA2 per FA1 Loop.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
FA201	Breakdown Structure Detail Code	1196	2/2	M	<p>For Marine Corps (SABRS), iRAPT will only extract the “CY”, “J1”, and “K6”.</p> <p>For Non-Marine Corps (SABRS) Pay Systems, iRAPT will extract the following codes: A1, A3, A4, A5, A6, B1, B2, B3, C1, C2, D1, D4, D6, D7, E2, E3, F1, F3, I1, J1, K6, L1, M1, N1 and P5.</p> <p>iRAPT inbound will accept whatever codes that SABRS sends to GEX, including “CY” and “A3”.</p> <p>For every ITEM, there will be an FA1 and one or more FA2 Segments.</p>	ID
FA202	Financial Information Code	1195	1/80	M	<p>Code representing financial accounting information.</p> <p>When “CY” is extracted in FA201 from iRAPT, format is CCYY.</p> <p>When “A3” in FA201 is received on inbound to iRAPT, format is CCYYCCYY.</p>	AN

**Sample:**

FA2^A1^0001

**Notes:**

- SABRS: iRAPT will allow all FA201 codes on the inbound 821. All of the listed codes are mandatory in SABRS except for “D6”, which is optional.
- SABRS: iRAPT will extract only FA201 codes: “J1” Document or Record Reference Number (SDN), “K6” Accounting Classification Reference Code (ACRN) and “CY” Full Fiscal Year.

**FA201 - Breakdown Structure Codes**

A1	Department Indicator
A3	Fiscal Year Indicator (Two fiscal year codes (CCYYCCYY) representing the year funds become available and the year funds are withdrawn or expire).
A4	Basic Symbol Number
A5	Sub-class
A6	Sub-Account Symbol (Fund Code)
B1	Budget Activity Number
B2	Budget Sub-activity Number
B3	Budget Program Activity
C1	Program Element
C2	Project Task or Budget Subline
CY	Current Year Costs (CCYY) Full Fiscal Year
D1	Defense Agency Allocation Recipient
D4	Component Sub-allocation Recipient
D6	Sub-allotment Recipient
D7	Work Center Recipient
E2	Detail Reimbursement Source Code
E3	Customer Indicator
F1	Object Class
F3	Government or Public Sector Identifier
I1	Abbreviated DoD Budget & Accounting Classification Code (BACC)
J1	Document or Record Reference Number
K6	Accounting Classification Reference Code
L1	Accounting Installation Number
M1	Location Installation Data
N1	Transaction Type
P5	Foreign Military Sales (FMS) Line Item Number
ZZ	Mutually Defined (iRAPT will not use on Inbound or Extract at this time)

**1.23 SE Segment – Transaction Set Trailer, Pos. 020, Summary**

**NOTE:** There must be one and only one instance of SE per transaction.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
SE01	Number of included Segment, including ST and SE	96	1/10	M		N0
SE02	Transaction Set Control Number – cite same number as in ST02	329	4/9	M	Same number cited in ST02 must be used.	AN

**Sample:**

SE^20^0023