

Embed Flat File Guide GFP Embed Actions



**Prepared For:
Defense Logistics Agency**

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This guide remains valid until modified.**

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GFP Embed Actions

Description:

This flat file format is used for contractors to report one or more embedding actions of Government Furnished Property (GFP) to the Procurement Integrated Enterprise Environment (PIEE) GFP Module. Max Use is per Contract/User ID, if the file has a separator, then more than one will be used. GFP items identified as having been embedded or consumed will be removed from the contractor’s accountable items based on Product ID data elements and, for serially managed items, individual item identifier. If parent or child items do not exactly match an item(s) in Item Management, then the file will fail.

<u>Record ID</u>	<u>Name</u>	<u>Max.Use</u>	<u>Group Repeat</u>
LineA	User ID	1	
LineB	Form Type	1	
Line1	Contract Information	1	
Line9	Prime Contractor CAGE	1	
Record Group LineD			>1
LineD	Action Type Information	1	
Record Group Line15			>1
Line15	Line Item Information	1	
Line16	Product Information	6	
Line16A	Line Item Description	1	
Line16F	Unique Identifier Detail Information (UID)	>1	
Line16R	Item Serial Number	>1	
Line17	Non-Serial Information	>1	

Record: **Start**
Group:
Usage: Mandatory
Max Use: 1
Syntax Notes:

Data Field Summary

<u>Field ID</u>	<u>Field Name</u>	<u>Usage</u>	<u>Type</u>	<u>Length</u>	<u>Record Position</u>
Start_Field1	Number of Contracts	Mandatory	AN	999	1 - 3

START and then number of different Contracts/UserIDs, separated by a =SEPARATOR=

Example: START*4^

Each row needs to end with CR/LF as below except for END.

```
START*1^  

A*UserID^  

B*GFPEMB^  

1*FA820518D0001^FA820518F0009^  

9*555555^  

D*1^  

15*2^^  

16*FS^1234567890123^  

16*MG^8888888888^  

16*ZB^29337^  

16*MN^88888888^  

16R*ISN220824D^  

15*1^^  

16*FS^1005011413813^  

16*MG^70751-02023-044^  

16*ZB^78286^  

17*2^A^  

17*8^A^  

15*1^^  

16*FS^5550015705467^  

16*MG^81205^  

16*ZB^29337^  

16*MN^Z449^  

15*1^^  

16*FS^2023051711540^  

=END=
```

Record: **Line A** User ID
Group:
Usage: Mandatory
Max Use: 1
Syntax Notes:

Data Field Summary

<u>Field ID</u>	<u>Field Name</u>	<u>Usage</u>	<u>Type</u>	<u>Length</u>	<u>Record Position</u>
LineA_Field1	User ID	Mandatory	AN	30	1 - 30

The PIEE User ID of the user performing the embed actions. The user must have an active role of Contractor Item Manager for the CAGE Code specified on Line 9.

Example: A*UserID^

Record: **Line B** Form Type
Group:
Usage: Mandatory
Max Use: 1
Syntax Notes:

Data Field Summary

<u>Field ID</u>	<u>Field Name</u>	<u>Usage</u>	<u>Type</u>	<u>Length</u>	<u>Record Position</u>
LineB_Field1	Form Type	Mandatory	AN	6	1 - 6
"GFPEMB" is required to indicate that this transaction will perform GFP embedding actions.					
GFPEMB	Government Furnished Property Embed				

Example: B*GFPEMB^

Record: **Line 1** Contract Information
Group:
Usage: Mandatory
Max Use: 1
Syntax Notes:

Data Field Summary

<u>Field ID</u>	<u>Field Name</u>	<u>Usage</u>	<u>Type</u>	<u>Length</u>	<u>Record Position</u>
Line1_Field1	Contract Number	Mandatory	AN	19	1 - 19
Provide the Contract Number under which the GFP being embedded or consumed are accountable.					
Line1_Field2	Delivery Order Number	Conditional	AN	17	20 - 36
Provide the Delivery Order Number under which the GFP being embedded or consumed are accountable.					

Example: 1*FA820518D0001^FA820518F0009^

Record: **Line 9** Prime Contractor CAGE
Group:
Usage: Mandatory
Max Use: 1
Syntax Notes:

Data Field Summary

<u>Field ID</u>	<u>Field Name</u>	<u>Usage</u>	<u>Type</u>	<u>Length</u>	<u>Record Position</u>
Line9_Field1	Prime Contractor CAGE	Mandatory	AN	5	1 - 5

Provide the prime CAGE Code of the contract under which the line items being embedded/consumed are accountable. Note that the User ID provided in Line A must have span of control for this CAGE Code under the Contractor Item Manager role.

Example: 9*55555^

Record: **Line D** Action Type Information

Group: Record Group Line D

Usage: Mandatory

Max Use: 1

Syntax Notes:

Notes: Line D starts the Action loop. You may provide multiple actions per transaction. You may also specify the same action as many times as needed.

Data Field Summary

<u>Field ID</u>	<u>Field Name</u>	<u>Usage</u>	<u>Type</u>	<u>Length</u>	<u>Record Position</u>
LineD_Field1	Action Type Indicator	Mandatory	ID	1	1 - 1

Provide the Action Type Indicator Number from the possible options.

- 1 Embed GFP to GFP Individual Parent
- 2 Embed GFP to GFP Line Level Parent
- 3 Embed GFP to Non-GFP Item
- 4 Consume

Example: D*1^

Record: **Line 15** Line Item Information
Group: Record Group Line15
Usage: Mandatory
Max Use: 1
Syntax Notes:

Data Field Summary

<u>Field ID</u>	<u>Field Name</u>	<u>Usage</u>	<u>Type</u>	<u>Length</u>	<u>Record Position</u>
Line15_Field1	Line Item Type	Mandatory	ID	1	1 - 1
Provide the Line Item type from the two options. This field is required. For all actions except for Consume, provide the Parent line item in the loop first .					
1 Child or Consumed Line Item					
2 Parent Line Item					
Line15_Field2	CLIN	Conditional	AN	6	2 - 7
Provide the Contract Line Item Number (CLIN) if there is one. This field is only required when this item is a Parent Line Item and Action Type is 3, embed GFP to a Non-GFP Item.					

Example: 15*2^0001^

Record: **Line 16 Product Information**
Group: Record Group Line15
Usage: Mandatory (Except for Parent in Action Type 3, Embed GFP to Non-GFP Item)
Max Use: 6
Syntax Notes:
Notes:

Capture Product Information. This record captures the Item Name, Product IDs, and the Other Identifier. Item Name is optional. **At least one Product ID must be provided.** The option of OT - Other Identifier is only applicable to Action Type 3, Embed GFP to Non-GFP Item.

Data Field Summary

<u>Field ID</u>	<u>Field Name</u>	<u>Usage</u>	<u>Type</u>	<u>Length</u>	<u>Record Position</u>
Line16_Field1	Product ID Qualifier	Mandatory	ID	2	1 - 2
<p>Provide the Product ID Qualifier from one of the available options. Field 1 code indicates what content is provided in Field2. Repeat this line to provide multiple Qualifier/ID pairs.</p> <p>To remove an item from the contractor’s accountable items list in the GFP Module, all product ID fields must match exactly with the accountable items previously receipted. For example, an item receipted with an NSN and a model number, will not be embedded if only the NSN is provided in this embed file submission.</p> <p>The OT Other Identifier example would include a tail number or bumper number.</p> <p>CN Commodity Name (Not a Product Identifier) FS National Stock Number (Product Identifier) MG Manufacturer's Part No. (Product Identifier) MN Model Number (Product Identifier) OT Other Identifier (Not a Product Identifier) (only used with Action Type Embed GFP to Non-GFP Item (Parent Item)) ZB Manufacturer's CAGE Code (Product Identifier)</p>					
Line16_Field2	Product Service ID	Mandatory	AN	48	3 - 51
<p>Enter the Product ID value, related to the Qualifier in Field1.</p>					

Example: 16*FS^1005011413813^
 16*CN^36 inch Utility Tire^
 16*ZB^55555^
 16*MG^70751-02023-044^

Record: **Line 16A** Line Item Description
Group: Record Group Line15
Usage: Not Required
Max Use: 1
Syntax Notes:

Data Field Summary

<u>Field ID</u>	<u>Field Name</u>	<u>Usage</u>	<u>Type</u>	<u>Length</u>	<u>Record Position</u>
Line16A_Field1	Line Item Description	Mandatory	AN	250	1 - 250
Enter an optional Line Item Description.					

Example: 16A*Line Item Description^

Record: Line 16F Unique Identifier Detail Information (UID)

Group: Record Group Line15
Usage: Conditional (Must use 16R (Serial Number) or 16F (UII) for serially managed items)
Max Use: >1
Syntax Notes:

Data Field Summary

<u>Field ID</u>	<u>Field Name</u>	<u>Usage</u>	<u>Type</u>	<u>Length</u>	<u>Record Position</u>
Line16F_Field1	UID - Unique Identifier	Mandatory	AN	50	1 - 50

Enter a Unique Item Identifier (UII). Repeat this line to provide multiple UIIs per line item.

Example: 16F*D5555512345^

Record: **Line 16R** Item Serial Number
Group: Record Group Line15
Usage: Conditional (Must use 16R (Serial Number) or 16F (UII) for serially managed items)
Max Use: >1
Syntax Notes:

Data Field Summary

<u>Field ID</u>	<u>Field Name</u>	<u>Usage</u>	<u>Type</u>	<u>Length</u>	<u>Record Position</u>
Line16R_Field1	Item Serial Number	Mandatory	AN	30	1 - 30

Provide the Item Serial Number. Repeat this line to provide multiple Item Serial Numbers per line item.

Example: 16R*ISN220824H^

Record: **Line 17** Non-Serial Information

Group: Record Group Line15

Usage: Conditional (Must Use for Non-Serially managed Items)

Max Use: >1

Syntax Notes:

Notes: Enter information for line items that are Non-Serially Managed. Repeat this line to provide multiple information rows for the same line item.

Data Field Summary

<u>Field ID</u>	<u>Field Name</u>	<u>Usage</u>	<u>Type</u>	<u>Length</u>	<u>Record Position</u>
Line17_Field1	Quantity	Mandatory	AN	11	1 - 11
Enter the quantity of non-serially managed items for this line item. This value is required. If an RCDN is provided, this value must be 1.					
Line17_Field2	Supply Condition Code	Conditional	AN	1	12 - 12
Enter the Supply Condition Code. Must Match to Condition Code in the Contractor's accountable items. No Condition Code entered will match to Items without a Condition Code in the contractor's accountable items. Must be entered for non-serially managed Items (blank is a valid entry). In the absence of an RCDN, Condition Code value will be used to match to the contractor's accountable items. Therefore, if the RCDN is not provided this value is required.					
Line17_Field3	Record Control Document Number	Conditional	AN	14	13 - 26
Provide the Repair Cycle Document Number (RCDN). If the non-serially managed item has an RCDN, provide the value here so that the item can be appropriately matched. Otherwise, this value is optional.					

Example: 17*100^A^ EZ419442760001^

Record: END
Group:
Usage: Mandatory
Max Use: 1
Syntax Notes:

Data Field Summary

<u>Field ID</u>	<u>Field Name</u>	<u>Usage</u>	<u>Type</u>	<u>Length</u>	<u>Record Position</u>
END	End of File	Mandatory			
END of file					

Example: =END=

Additional Rules:

Start the files with START* and then the number of Contracts/UserID. Ex: START*4^ (4 different Contracts)

Separate the contracts/userIDs with =SEPARATOR=

End the file with =END= (Do not have CR/LF on this row.)

Each row needs to end with CR/LF as below except for END.

```
START*1^CRIF
A*UserID^CRIF
B*GFPEMB^CRIF
1*FA820518D0001^FA820518F0009^CRIF
9*55555^CRIF
D*1^CRIF
15*2^^CRIF
16*FS^1234567890123^CRIF
16*MG^8888888888^CRIF
16*ZB^29337^CRIF
16*MN^88888888^CRIF
16R*ISN220824D^CRIF
15*1^^CRIF
16*FS^1005011413813^CRIF
16*MG^70751-02023-044^CRIF
16*ZB^78286^CRIF
17*2^A^CRIF
17*8^A^CRIF
15*1^^CRIF
16*FS^5550015705467^CRIF
16*MG^81205^CRIF
16*ZB^29337^CRIF
16*MN^Z449^CRIF
15*1^^CRIF
16*FS^2023051711540^CRIF
=END=
```

Action Type: 1 - Embed GFP to GFP Individual Parent

- If any child Item is a serially managed Item, then it cannot be embedded with a non-serially managed parent item unless that parent item has an RCDN.

Action Type: 2 – Embed GFP to GFP Line Level Parent

- Only non-serially managed children are allowed to be embedded at the line level. Children that are serially managed are not allowed to be embedded into GFP Line Level Parent.
- Line 17 Quantity and matching Condition Code, Required for Child Items

Action Type: 3 - Embed GFP to Non-GFP Item

- CLIN is required on Line 15 for Parent Item (2) for Action type Embed GFP to Non-GFP Item, all other product Identifiers for Parent Item are optional.
- Other Identifier (OT) (Not Required) (only used with Action Type Embed GFP to Non-GFP Item. Only use on Parent Item.

Action Type: 4 - Consume

- Parent Item can Not be included in Action Type Consume.

Additional Examples:**Action Type: 1 - Embed GFP to GFP Individual Parent**

```

START*1^
A*UserID^
B*GFPEMB^
1*FA820518D0001^FA820518F0009^
9*55555^
D*1^
15*2^^
16*FS^8386236724534^
16R*BAE907^
15*1^^
16*FS^7010015705467^
16R*ISN220824H^
16R*ISN202209131731^
15*1^^
16*FS^8020015703439^
16*ZB^19204^
16*MG^1145433^
17*8^A^
15*1^^
16*FS^1111111111111111^
17*100^A^
=END=

```

Action Type: 2 – Embed GFP to GFP Line Level Parent

```

START*4^
A*UserID^
B*GFPEMB^
1*F0300024D0911^F0300024F0001^
9*2S031^^
D*2^
15*2^^
16*FS^2024092314350^
15*1^^
16*CN^POCKET WEAR GAGE^
16*FS^1005010291527^
16*MG^728E268^
16*ZB^05606^
17*1^A^^
=SEPARATOR=
A*UserID2^
B*GFPEMB^
1* FA820518D0001^ FA820518F0009^
9* 81755^^

```

D*2^
 15*2^^
 16*FS^2024092314350^
 16*MG^Non-GFP parent part number over 48 characters MG ^
 16*ZB^06481^
 15*1^^
 16*CN^POCKET WEAR GAGE^
 16*FS^1005010291527^
 16*MG^728E268^
 16*ZB^05606^
 17*1^A^^
 =END=

Action Type: 3 - Embed GFP to Non-GFP Item

START*2^
 A*UserID^
 B*GFPEMB^
 1*F0300024D0911^F0300024F0001^
 9*55555^^
 D*3^
 15*2^0001AA^
 16*CN^Non-GFP parent item name exceeds 48 characters CN ^
 16*FS^2024092314350^
 16F*202409231435^
 15*1^^
 16*CN^POCKET WEAR GAGE^
 16*FS^1005010291527^
 16*MG^728E268^
 16*ZB^05606^
 17*1^A^^
 =SEPARATOR=
 A*UserID^
 B*GFPEMB^
 1*F0300024D0911^F0300024F0001^
 9*55555^^
 D*3^
 15*2^0001AA^
 16*CN^Non-GFP parent item name^
 16*FS^2024092314350^
 16*MG^Non-GFP parent part number over 48 characters MG ^
 16*ZB^06481^
 16R*ISN 202409231435^
 15*1^^
 16*CN^POCKET WEAR GAGE^
 16*FS^1005010291527^
 16*MG^728E268^
 16*ZB^05606^
 17*1^A^^

Action Type: 4 - Consume

```
START*1^  
A*UserID^  
B*GFPEMB^  
1*FA820518D0001^FA820518F0009^  
9*55555^  
D*4^  
15*1^0001^  
16*CN^FITTING ASSEMBLY^  
16*FS^1005011413813^  
17*10^A^^^  
=END=
```

Error Message List:

- ERROR: Invalid File Start. Must have START*(Number of Forms)^ as first line. Processing of file is terminated.
- ERROR: Invalid file format. Must have START* on the first line.
- ERROR: The number of forms to be processed was not indicated on the START line. Please refer to the UDF for this document for the valid file format.
- ERROR: Line A is mandatory.
- ERROR: Line A, Field 1. This field is mandatory.
- ERROR: Unable to determine document type. Line B must be given and must contain a valid value of GFP, GFP-R, or GFPEMB.
- ERROR: Line B, Field 1. This field is mandatory.
- ERROR: Line 1 is mandatory.
- ERROR: Line1, Field 1. This field is mandatory.
- ERROR: Line 9 is mandatory.
- ERROR: Line9, Field 1. This field is mandatory.
- ERROR: For Line '9'. Valid CAGE Code is required. (Line 9, Field 1.)
- ERROR: For Line '9'. The CAGE Code entered is not within the user's span of control. (Line 9, Field 1.)
- ERROR: Line D, Field 1. This field is mandatory.
- ERROR: At least one Action (Line D) is mandatory.
- ERROR: Exactly one Parent must be provided under each Line D (Action Type). (Except for Action Type Consume)
- ERROR: At least one Child must be provided under each Line D (Action Type).
- ERROR: Line15, Field 1. This field is mandatory.
- ERROR: For Line '15'. If Parent item is serially managed, then either Line 16F UII or 16R Serial Number must be included. (Line 16F or 16R)

- ERROR: For Line '15'. If Child item is serially managed, then either Line 16F UII or 16R Serial Number must be included. (Line 16F or 16R)
- ERROR: For Line '15'. If Parent item is non-serially managed, then Line 17 (Quantity and Condition Code) must be included. (Line 17)
- ERROR: For Line '15'. If Child item is non-serially managed, then Line 17 (Quantity and Condition Code) must be included. (Line 17)
- ERROR: Accountable Item was not found in the Active Database. Please verify that the file is correct.
- ERROR: For Line '15'. CLIN is either 4 or 6 alphanumeric characters and cannot contain an i or o letter except when entering NONE or NONENN (NONE plus 2 digits). (Line 15, Field 2.)
- ERROR: For Line '15'. CLIN is required for Parent Line Item for Action Type Embed GFP to Non-GFP Item.
- ERROR: For Line '15'. Parent (except for Action Type Consume) must come before the Child Item.
- ERROR: For Line '15'. If Child item is serially managed, then the Parent must be serially managed or have an RCDN.
- ERROR: Only Non-serial Children are allowed to be embedded with action type Embed GFP to GFP Line Level Parent. Children that are serially managed are not allowed.
- ERROR: Action Type '4' Consume cannot contain a Parent Item. (Line 15, field 1).
- ERROR: For Line '16'. Commodity Name cannot be more than 48 characters. (Line 16, Field 2.)
- ERROR: For Line '16'. Commodity Name contains invalid characters. (Line 16, Field 2.)
- ERROR: For Line '16A'. Item Description cannot be more than 2000 characters. (Line 16A, Field 1.)
- ERROR: For Line '16A'. Item Description contains invalid characters. (Line 16A, Field 1.)
- ERROR: All Parent Items must have at least one Product Identifier (FS, ZB and MG, or MN). (Line 16, Field 1 and 2.)
- ERROR: All Child Items must have at least one Product Identifier (FS, ZB and MG, or MN). (Line 16, Field 1 and 2.)
- ERROR: For Line '16'. National Stock Number must be 13 numeric characters. (Line 16, Field 2.)
- ERROR: For Line '16'. National Stock Number contains invalid characters. (Line 16, Field 2.)
- ERROR: For Line '16'. Manufacturer CAGE must be 5 alpha numeric characters. (Line 16, Field 2.)
- ERROR: For Line '16'. Manufacturer CAGE contains invalid characters. (Line 16, Field 2.)
- ERROR: For Line '16'. When Product Identifier ZB (Manufacturer CAGE) is used, then Product Identifier MG (Part Number) must also be provided. (Line 16)

- ERROR: For Line '16'. When Product Identifier MG (Part Number) is used, then Product Identifier ZB (Manufacturer CAGE) must also be provided. (Line 16)
- ERROR: For Line '16'. Part Number cannot be more than 48 characters. (Line 16, Field 2.)
- ERROR: For Line '16'. Part Number contains invalid characters. (Line 16, Field 2.)
- ERROR: For Line '16'. Model Number cannot be more than 48 characters. (Line 16, Field 2.)
- ERROR: For Line '16'. Model Number contains invalid characters. (Line 16, Field 2.)
- ERROR: For Line '16'. Other Identifier cannot be more than 32 characters. (Line 16, Field 2.)
- ERROR: For Line '16'. Other Identifier contains invalid characters. (Line 16, Field 2.)
- ERROR: Child Item Product Identifiers cannot be an exact match to the Parent Item Product Identifiers.
- ERROR: For Line '16F'. The UII cannot be more than 50 characters. (Line 16F, Field 1.)
- ERROR: For Line '16F'. The UII contains invalid characters. (Line 16F, Field 1.)
- ERROR: For Line '16R'. Item Serial number cannot be more than 30 characters. (Line 16R, Field 1.)
- ERROR: For Line '16R'. Item Serial number contains invalid characters. (Line 16R, Field 1.)
- ERROR: When Parent Item is serially managed, only one Line 16F or Line 16R can be provided.
- ERROR: Parent Line Item cannot contain more than one Line '16R' for Action Type Embed GFP to Non-GFP Item.
- ERROR: Parent Line Item cannot contain more than one Line '16F' for Action Type Embed GFP to Non-GFP Item.
- ERROR: Line17, Field 1. This field is mandatory. (When Line 17 is provided)
- ERROR: For Line '17'. Quantity must be a positive number, and may not be more than 8 characters in length. (Line 17, Field 1.)
- ERROR: When Parent Item is non-serially managed, only one Line 17 can be provided.
- ERROR: Parent Item cannot contain Line '17' for Action Type Embed GFP to Non-GFP Item.
- WARNING: Parent Item contained an Item Identifier (Line 16F, Line 16R, Line 17), this file has Action Type Embed GFP to GFP Line Level Parent and will be embedded at Parent Line Level.
- ERROR: Line '=END=' is required.