



Centers for Medicare & Medicaid Services (CMS)

**Standard Companion Guide**  
**Health Care Claim Professional (837P)**

**Based on ASC X12N TR3, Version 005010X222A1**

Companion Guide Version Number: 7.0,  
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## **Disclosure Statement**

The Centers for Medicare & Medicaid Services (CMS) is committed to maintaining the integrity and security of health care data in accordance with applicable laws and regulations. Disclosure of Medicare claims is restricted under the provisions of the Privacy Act of 1974 and Health Insurance Portability and Accountability Act of 1996. This Companion Guide is to be used for conducting Medicare business only.

## Preface

This Companion Guide (CG) to the ASC X12N Technical Report Type 3 (TR3) Version 005010 and associated errata adopted under Health Insurance Portability and Accountability Act of 1996 (HIPAA) clarifies and specifies the data content when exchanging transactions electronically with Medicare. Transmissions based on this CG, used in tandem with the TR3, are compliant with both ASC X12N syntax and those guides. This CG is intended to convey information that is within the framework of the TR3 adopted for use under HIPAA. This CG is not intended to convey information that in any way exceeds the requirements or usages of data expressed in the TR3.

This CG contains instructions for electronic communications with the publishing entity, as well as supplemental information, for creating transactions while ensuring compliance with the associated ASC X12N TR3s and the Council for Affordable Quality Healthcare – Committee on Operating Rules for Information Exchange (CAQH CORE) companion guide operating rules.

In addition, this CG contains the information needed by Trading Partners to send and receive electronic data with the publishing entity, who is acting on behalf of CMS, including detailed instructions for submission of specific electronic transactions. The instructional content is limited by ASC X12N's copyrights and Fair Use statement.

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# 1 Introduction

This document is intended to provide information from the author of this guide to Trading Partners to give them the information they need to exchange Electronic Data Interchange (EDI) data with the author. This includes information about registration, testing, support, and specific information about control record setup.

An EDI Trading Partner is defined as any Medicare customer (e.g., provider/supplier, billing service, clearinghouse, or software vendor) that transmits to, or receives electronic data from Medicare. Medicare's EDI transaction system supports transactions adopted under the Health Insurance Portability and Accountability Act of 1996 (HIPAA) as well as additional supporting transactions as described in this guide.

Medicare Fee-For-Service (FFS) is publishing this Companion Guide (CG) to clarify, supplement, and further define specific data content requirements to be used in conjunction with, and not in place of, the ASC X12N Technical Report Type 3 (TR3) Version 005010 and associated errata mandated by HIPAA and/or adopted by Medicare FFS for EDI.

This CG provides communication, connectivity, and transaction-specific information to Medicare FFS Trading Partners and serves as the authoritative source for Medicare FFS-specific EDI protocols.

Additional information on Medicare FFS EDI practices are referenced within Internet-only Manual (IOM) Pub. 100-04 Medicare Claims Processing Manual:

- Chapter 24 – [General EDI and EDI Support, Requirements, Electronic Claims, and Mandatory Electronic Filing of Medicare Claims](https://www.cms.gov/Regulations-and-Guidance/Guidance/Manuals/downloads/clm104c24.pdf) (<https://www.cms.gov/Regulations-and-Guidance/Guidance/Manuals/downloads/clm104c24.pdf>)

## 1.1 Scope

EDI addresses how Trading Partners exchange professional and institutional claims, claim acknowledgments, claim remittance advice, claim status inquiry and responses, and eligibility inquiry and responses electronically with Medicare. This CG also applies to ASC X12N 837P transactions that are being exchanged with Medicare by third parties, such as clearinghouses, billing services or network service vendors.

This CG provides technical and connectivity specification for the 837 Health Care Claim: Professional transaction Version 005010A1.

## 1.2 Overview

This CG includes information needed to commence and maintain communication exchange with Medicare. In addition, this CG has been written to assist you in designing and implementing the ASC X12N 837P transaction standard to meet Medicare's processing standards. This information is organized in the sections listed below:

- *Getting Started*: This section includes information related to hours of operation, and data services. Information concerning Trading Partner registration and the Trading Partner testing process is also included in this section.

- *Testing and Certification Requirements:* This section includes detailed transaction testing information as well as certification requirements needed to complete transaction testing with Medicare.
- *Connectivity/Communications:* This section includes information on Medicare’s transmission procedures as well as communication and security protocols.
- *Contact Information:* This section includes EDI customer service, EDI technical assistance, Trading Partner services and applicable websites.
- *Control Segments/Envelopes:* This section contains information needed to create the Interchange Control Header/Trailer (ISA/IEA), Functional Group Header/Trailer (GS/GE), and Transaction Set Header/Trailer (ST/SE) control segments for transactions to be submitted to or received from Medicare.
- *Specific Business Rules and Limitations:* This section contains Medicare business rules and limitations specific to the ASC X12N 837P.
- *Acknowledgments and Reports:* This section contains information on all transaction acknowledgments sent by Medicare and report inventory.
- *Trading Partner Agreement:* This section contains information related to implementation checklists, transmission examples, Trading Partner Agreements and other resources.
- *Transaction Specific Information:* This section describes the specific CMS requirements over and above the information in the ASC X12N 837P TR3.

### 1.3 References

The following locations provide information for where to obtain documentation for Medicare-adopted EDI transactions and code sets.

Table 1. EDI Transactions and Code Set References

Resource	Location
ASC X12N TR3s	The official ASC X12 website
Washington Publishing Company Health Care Code Sets	The official Washington Publishing Company website

### 1.4 Additional Information

The websites in the following table provide additional resources for HIPAA Version 005010A1 implementation:

Table 2. Additional EDI Resources

Resource	Web Address
<a href="https://www.cms.gov/EDIR/operations/">Medicare FFS EDI Operations</a>	<a href="https://www.cms.gov/ElectronicBillingEDITrans/">https://www.cms.gov/ElectronicBillingEDITrans/</a>

Resource	Web Address
<a href="#">Central Version 005010 and D.0 web page on the CMS website</a>	<a href="https://www.cms.gov/Regulations-and-Guidance/Administrative-Simplification/Versions5010andD0/index.html">https://www.cms.gov/Regulations-and-Guidance/Administrative-Simplification/Versions5010andD0/index.html</a>
<a href="#">Responses to Technical Comments</a>	<a href="https://www.cms.gov/Regulations-and-Guidance/Administrative-Simplification/HIPAA-ACA/AdoptedStandardsandOperatingRules.html">https://www.cms.gov/Regulations-and-Guidance/Administrative-Simplification/HIPAA-ACA/AdoptedStandardsandOperatingRules.html</a>

## 2 Getting Started

### 2.1 Working Together

National Government Services (NGS) is dedicated to providing communication channels to ensure communication remains constant and efficient. NGS has several options to assist the community with their electronic data exchange needs. By using any of these methods NGS is focused on supplying the Trading Partner community with a variety of support tools.

An EDI help desk is established for the first point of contact for basic information and troubleshooting. The help desk is available to support most EDI questions/incidents while at the same time being structured to triage each incident if more advanced research is needed. Email is also accessible as a method of communicating with NGS EDI. The email account is monitored by knowledgeable staff ready to assist you. When communicating via email, please exclude any protected health information (PHI) to ensure security is maintained. In addition to the NGS EDI help desk and email access, see Section 5 for additional contact information.

NGS also has several external communication components in place to reach out to the Trading Partner community. NGS posts all critical updates, system issues and EDI-specific billing material to their [website](https://www.ngsmedicare.com/) (https://www.ngsmedicare.com/). All Trading Partners are encouraged to visit this page to ensure familiarity with the content of the site. NGS also distributes EDI pertinent information in the form of an EDI newsletter or comparable publication, which is posted to the website every month. In addition to the website, a distribution list has been established in order to broadcast urgent messages. Please register for NGS distribution list by selecting “Subscribe to Email Updates,” to register with the appropriate line of business.

Specific information about the above-mentioned items can be found in the following sections.

### 2.2 Trading Partner Registration

An EDI Trading Partner is any entity (provider, billing service, clearinghouse, software vendor, employer group, financial institution, etc.) that transmits electronic data to, or receives electronic data from, another entity.

Medicare FFS and NGS support many different types of Trading Partners or customers for EDI. To ensure proper registration, it is important to understand the terminology associated with each customer type:

- *Submitter* – the entity that owns the submitter ID associated with the health care data being submitted. It is most likely the provider, hospital, clinic, supplier, etc., but could also be a third party submitting on behalf of one of these entities. However, a submitter must be directly linked to each billing National Provider Identifier (NPI). Often the terms submitter and Trading Partner are used interchangeably because a Trading Partner is defined as the entity engaged in the exchange or transmission of electronic transactions. Thus, the entity that is submitting electronic administrative transactions to NGS is a Medicare FFS Trading Partner.
- *Vendor* – an entity that provides hardware, software, and/or ongoing technical support for covered entities. In EDI, a vendor can be classified as a software vendor, billing or network service vendor, or clearinghouse.
- *Software Vendor* – an entity that creates software used by Trading Partners to conduct the exchange of electronic transactions with Medicare FFS.
- *Billing Service* – a third party that prepares and/or submits claims for a provider.
- *Clearinghouse* – a third party that submits and/or exchanges electronic transactions (claims, claim status or eligibility inquiries, remittance advice, etc.) on behalf of a provider.
- *Network Service Vendor* – a third party that provides connectivity between a Trading Partner and NGS.

To register with NGS EDI, providers must complete the following registration forms:

- The EDI Enrollment Agreement which indicates providers' acceptance to comply with CMS instructions for use of electronic transactions
- The EDI Registration Form to request a submitter identifier (ID)

If the provider will be using a clearinghouse or other third-party billing service, the provider must also submit an EDI Registration Form. A clearinghouse or other third-party billing service may register for a submitter ID by completing the EDI Registration Form. Third party submitters will not be issued a submitter ID unless a provider has submitted an EDI Registration form authorizing the third party to perform EDI transactions on their behalf.

The EDI registration forms are submitted online via the [NGS website](https://www.NGSMedicare.com) (https://www.NGSMedicare.com), select Resources, > EDI Enrollment option.

Under HIPAA, EDI applies to all covered entities transmitting the following HIPAA-established administrative transactions: 837I and 837P, 835, 270/271, 276/277, and the National Council for Prescription Drug Programs (NCPDP) D.O. Additionally, Medicare Administrative Contractors (MACs) and Common Electronic Data Interchange (CEDI) will use the Interchange Acknowledgment (TA1), Implementation Acknowledgment (999), and 277 Claim Acknowledgement (277CA) error-handling transactions.

Medicare requires that NGS furnish information on EDI to new Trading Partners that request Medicare claim privileges. Additionally, Medicare requires NGS to assess the capability of entities to submit data

electronically, establish their qualifications (see test requirements in Section 3), and enroll and assign submitter EDI identification numbers to those approved to use EDI.

A provider must obtain an NPI and furnish that NPI to NGS prior to completion of an initial EDI Enrollment Agreement and issuance of an initial EDI number and password by that contractor. NGS is required to verify that NPI is on the Provider Enrollment Chain and Ownership System (PECOS). If the NPI is not verified on the PECOS, the EDI Enrollment Agreement is denied, and the provider is encouraged to contact the appropriate MAC provider enrollment department (for Medicare Part A and Part B provider) or the National Supplier Clearinghouse (for Durable Medical Equipment suppliers) to resolve the issue. Once the NPI is properly verified, the provider can reapply the EDI Enrollment Agreement.

A Trading Partner's EDI number and password serve as an electronic signature and the Trading Partner would be liable for any improper usage or illegal action performed with it. A Trading Partner's EDI access number and password are not part of the capital property of the Trading Partner's operation and may not be given to a new owner of the Trading Partner's operation. A new owner must obtain their own EDI access number and password.

If providers elect to submit/receive transactions electronically using a third party such as a billing agent, a clearinghouse, or network services vendor, then the provider is required to have an agreement signed by that third party. The third party must agree to meet the same Medicare security and privacy requirements that apply to the provider in regard to viewing or using Medicare beneficiary data. These agreements are not to be submitted to Medicare but are to be retained by the provider. Providers will notify NGS which third party agents they will be using on their EDI Enrollment form.

Third parties are required to register with NGS by completing the third-party agreement form. This will ensure that their connectivity is completed properly, however they may need to enroll in mailing lists separately in order to receive all publications and email notifications.

Additional third-party billing information can be found on the [NGS website](https://www.NGSMedicare.com) (<https://www.NGSMedicare.com>), under Resources, > EDI Enrollment.

Trading Partners must also be informed that they are not permitted to share their personal EDI access number and password with any billing agent, clearinghouse, or network service vendor. Trading Partners must also not share their personal EDI access number with anyone on their own staff who does not need to see the data for completion of a valid electronic claim, to process a remittance advice for a claim, to verify beneficiary eligibility, or to determine the status of a claim. No other non-staff individuals or entities may be permitted to use a Trading Partner's EDI number and password to access Medicare systems. Clearinghouse and other third-party representatives must obtain and use their own unique EDI access number and password from NGS. For a complete reference to security requirements, see Section 4.4.

## **2.3 Trading Partner Certification and Testing Process**

New NGS submitters are required to test with NGS. The exception is new submitters who are using an approved vendor software package or the PC-ACE free billing software.

## Claims Testing

- Testing is available to all submitters 24/7
- Test 837 claim files should be limited to 25-100 claims. (ISA15 Test/Prod Indicator submitted with a 'T')
- The TRN report and acknowledgement transactions TA1 and 999 will be available within minutes
- The 277 Claims Acknowledgment (277CA) will follow within 2 hours of the TA1 and 999 transactions. The acknowledgement transactions will require translation to a 'human readable' or text format. See Section 8 for more detail on Reports and Acknowledgments
- Test claims will not be sent to the claims systems
- Production Criteria for 837 Claims:
  - Level I syntax compliance – 100%
  - 999 Acknowledgement status is 'Accepted'
  - Level Medicare situational and business edit compliance – 95%
  - 277 Claims Acknowledgement indicates 95% claim acceptance
  - Trading Partners will be notified with approval for production for 837 claims submission

## 3 Testing and Certification Requirements

### 3.1 Testing Requirements

All submitters must produce accurate electronic test files before being allowed to submit claim transactions in production. Test claims are subject to ASC X12N standard syntax and TR3 semantic data edits. Documentation will be provided when this process detects errors.

- Standard syntax testing validates the programming of the incoming file and includes file layout, record sequencing, balancing, alpha-numeric/numeric/date file conventions, field values, and relational edits. Test files must pass 100 percent of the standard syntax tests before submission to production is approved.
- TR3 Semantic Data testing validates data required for claims processing, e.g., procedure/ diagnosis codes, modifiers. A submitter must demonstrate, at a minimum, 95 percent accuracy rate in data testing before submission in production is approved where, in the judgment of NGS, the vendor/submitter will make the necessary correction(s) prior to submitting a production file. For MACs, the minimum 95 percent accuracy rate includes the front-end edits applied implementation guide editing module on the [NGS website](https://www.NGSMedicare.com) (<https://www.NGSMedicare.com>), select the Resources, > EDI Enrollment.
  - Test results will be provided to the submitter within three business days; during HIPAA version transitions this time period may be extended, not to exceed ten business days.

Many submitters use the same software, or the same clearinghouse to submit their electronic transactions to Medicare. When appropriate, NGS will test and approve software vendor products for 5010 compliance with NGS. NGS will not require each of the clients (submitters) to test with NGS.

Trading Partners who submit transactions directly to more than one A/B MAC, and/or CEDI must contact each A/B MAC and/or CEDI with whom they exchange EDI transactions to inquire about the need for supplemental testing whenever they plan to begin to use an additional EDI transaction, different or significantly modified software for submission of a previously used EDI transaction, or before a billing agent or clearinghouse begins to submit transactions on behalf of an additional Trading Partner. The individual A/B MAC and/or CEDI may need to retest at that time to re-establish compatibility and accuracy, particularly if there will also be a change in the telecommunication connection to be used.

Billing services and clearinghouses are not permitted to begin to submit or receive EDI transactions on behalf of a provider prior to submission of written authorization by the provider that the billing agent or clearinghouse has been authorized to handle those transactions on the provider's behalf. See Section 2.2 for further information on EDI enrollment.

## 3.2 Certification Requirements

Medicare FFS does not certify Trading Partners. However, NGS does certify vendors, clearinghouses, and billing services by conducting testing with them and maintaining an approved vendor list that can be accessed on the [NGS website](https://www.NGSMedicare.com) (<https://www.NGSMedicare.com>), select the Resources, > EDI Enrollment.

# 4 Connectivity / Communications

## 4.1 Process Flows

Process flows for batch submissions of the HIPAA Transactions Sets can be found in the front matter of the applicable TR3.

NGS supports two EDI Gateways. Requirements for telecommunications for each Gateway are as follows:

### sFTP Gateway

All submitters (providers and third-parties) must contract with an NGS Network Service Vendor (NSV) for connectivity to the Secure File Transfer Protocol (sFTP) Gateway. The list of approved NGS NSVs is available on the [NGS website](https://www.NGSMedicare.com) (<https://www.NGSMedicare.com>), under Resources, and then EDI Solutions, then select the link for Network Service Vendors.

### Internet Gateway

In addition to the sFTP Gateway solution, Trading Partners have the option to send/receive batch 276 Claim Status Inquiry transactions, 277 Response Transactions and receive 835 transactions via an NGS Internet EDI

Gateway. This Internet solution has been developed to be compliant with CAQH/CORE Phase I, II and Phase III Batch and Telecommunications Operating Rules, excluding real time. The TA1 and 999 Transactions will also be available for download in response to 276 transactions.

**Note:** The Internet Gateway does not support batch file transfer of Medicare 837 Institutional or Professional claims at this time.

## 4.2 Transmission

NGS sFTP Gateway is accessed through an NGS-approved NSV. NGS requires use of the sFTP protocol for file transfer.

A list of the approved NGS NSVs, can be found on the [NGS website](https://www.NGSMedicare.com) (https://www.NGSMedicare.com), under the Resources, select EDI Solutions, then select Network Service Vendors.

### 4.2.1 Re-transmission Procedures

Submitters should not retransmit any file that has successfully passed EDI front-end editing without specific instruction from NGS.

Submitters may retransmit any file that has failed front-end editing, once the file has been corrected.

## 4.3 Communication Protocol Specifications

NGS supports Secured FTP (sFTP) protocol for all EDI file transfer activity through the NGS sFTP Gateway. Connectivity to this gateway is obtained through an NGS-approved NSV.

The NGS Internet Gateway requires the following protocols:

- HTTP/S V1.1
- HTTP/MIME; or
- SOAP/WSDL

## 4.4 Security Protocols and Passwords

All Trading Partners must adhere to CMS information security policies; including, but not limited to, the transmission of electronic claims, claim status, receipt of the remittance advice, or any system access to obtain beneficiary PHI and/or eligibility information. Violation of this policy will result in revocation of all methods of system access. NGS is responsible for notifying all affected Trading Partners as well as reporting the system revocation to CMS.

NGS has specific requirements for establishing passwords for both file transfer submitter IDs and Resource Access Control Facility (RACF) User IDs for access to the DDE application. These requirements are as follows:



- The password length must be eight (8) characters
- Contain a combination of alpha and numeric characters
- Passwords must have at least one (1) of these special characters -- @, # or \$ --
- Passwords must include at least one (1) uppercase and one (1) lowercase letter (case sensitive)
- May not contain a four letter or greater 'dictionary' word, i.e., any word four letters or greater that can be found in a dictionary
- A minimum of four characters must be changed in each password reset
- May not be changed more than once in any 24-hour rolling period
- You should choose passwords that are easy for you to remember but hard for others to guess. One of the easiest ways to choose a password is to use the first letters of a phrase you can easily remember. For example, "I like to go to the dollar theater" could translate to "IL2GTT\$t." Other examples of acceptable passwords include SPR1Ng\$4 and C@nad@01
- You should never write down your passwords or share them with anyone
- DDE RACF user IDs are revoked after three (3) consecutive unsuccessful password attempts
- Use of previous 12 passwords is prohibited
- Reset passwords cannot be the same as any of the previous 12 passwords
- EDI Submitter ID passwords will expire after 60 days
- EDI Submitter IDs will suspend after 30 days of inactivity
- Inactive DDE RACF user IDs will auto revoke after 30 days. After 60 days of inactivity the DDE RACF user ID will be permanently deleted
- The DDE RACF passwords can only be reset one time a day. End-users must wait a minimum of one (1) day before they can change their own password again
- DDE RACF passwords expire after 30 days. Users are required to enter a new valid password upon receiving this prompt from the system

## 5 Contact Information

### 5.1 EDI Customer Service

#### EDI Help Desk:

J6: 877-273-4334

JK: 888-379-9132

### **EDI Help Desk hours:**

7:00 a.m.-4:00 p.m. CT / 8:00 a.m.-5:00 p.m. ET

Inquiries can be sent using the EDI Help Desk Email Inquiry Form found on the [NGS Website](https://www.NGSMedicare.com) (<https://www.NGSMedicare.com>), select Resources, Contact Us, follow the link to the EDI Help Desk Information.

## **5.2 EDI Technical Assistance**

### **EDI Help Desk:**

J6: 877-273-4334

JK: 888-379-9132

### **EDI Help Desk hours:**

7:00 a.m.-4:00 p.m. CT / 8:00 a.m.-5:00 p.m. ET

Inquiries can be sent using the EDI Help Desk Email Inquiry Form found on the [NGS Website](https://www.NGSMedicare.com) (<https://www.NGSMedicare.com>), select Resources, Contact Us, follow the link to the EDI Help Desk Information.

## **5.3 Trading Partner Service Number**

For questions on claims in the claim s systems or questions on remittance payments, contact the Provider Customer Care or the IVR number.

### **JK:**

- IVR: 877-567-7205
- Toll-Free Number: 888-855-4356
- TTY: 866-786-7155

### **J6:**

- Illinois, Wisconsin, and Federally Qualified Health Centers: IVR: 877-567-7206
- Toll-Free Number: 877-702-990
- TTY: 888-897-7523

### **Hours Available:**

- Monday – Friday, 7:00 a.m.-4:00 p.m. CT / 8:00 a.m.-5:00 p.m. ET

- Thursdays closed for training: 1:00-3:00 p.m. CT / 2:00-4:00 p.m. ET

## 5.4 Applicable Websites / Email

Refer to Sections 1.4 for applicable websites and Section 5 for email contact.

## 6 Control Segments / Envelopes

Enveloping information must be as follows:

**Note:** A hyphen in the table below means N/A.

*Table 3. ISA Interchange Control Header*

Page #	Element	Name	Codes/Content	Notes/Comments
C.4	ISA01	Authorization Information Qualifier	00	Medicare expects the value to be 00.
C.4	ISA02	Authorization Information	-	ISA02 shall contain 10 blank spaces.
C.4	ISA03	Security Information Qualifier	00	Medicare expects the value to be 00 and ISA04 shall contain 2 blank spaces.
C.4	ISA04	Security Information	-	Medicare does not use Security Information and will ignore content sent in ISA04.
C.4	ISA05	Interchange ID Qualifier	27, ZZ	Must be "27" or "ZZ"
C.4	ISA06	Interchange Sender ID	-	NGS assigned Submitter ID. This is also required in the GS02.
C.5	ISA07	Interchange ID Qualifier	27, ZZ	Must be "27" or "ZZ"

Page #	Element	Name	Codes/Content	Notes/Comments
C.5	ISA08	Interchange Receiver ID	-	<p>Medicare Administrative Contractor (MAC) contract number for the inbound transactions.</p> <ul style="list-style-type: none"> <li>• Connecticut 13102</li> <li>• Illinois 06102</li> <li>• Maine 14112</li> <li>• Massachusetts 14212</li> <li>• Minnesota 06202</li> <li>• New Hampshire 14312</li> <li>• New York (Upstate) 13282</li> <li>• New York (Downstate) 13202</li> <li>• New York (Queens) 13292</li> <li>• Rhode Island 14412</li> <li>• Vermont 14512</li> <li>• Wisconsin 06302</li> </ul>
C.5	ISA11	Repetition Separator	-	Defined by the submitter
C.6	ISA14	Acknowledgement Requested	1	<p>Medicare requires submitter to send code value 1 – Interchange Acknowledgment Requested (TA1). Medicare will only return a TA1 segment when there is an error in the ISA/IEA Interchange Envelope.</p>

**Note:** A hyphen in the table below means N/A.

*Table 4. GS Functional Group Header*

Page #	Element	Name	Codes/Content	Notes/Comments
C.7	GS02	Application Sender Code	-	Submitter number assigned by NGS.

Page #	Element	Name	Codes/Content	Notes/Comments
C.7	GS03	Application Receiver's Code	-	Receiver ID assigned by NGS. <ul style="list-style-type: none"> <li>• Connecticut 13102</li> <li>• Illinois 06102</li> <li>• Maine 14112</li> <li>• Massachusetts 14212</li> <li>• Minnesota 06202</li> <li>• New Hampshire 14312</li> <li>• New York (Upstate) 13282</li> <li>• New York (Downstate) 13202</li> <li>• New York (Queens) 13292</li> <li>• Rhode Island 14412</li> <li>• Vermont 14512</li> <li>• Wisconsin 06302</li> </ul>
C.7	GS04	Functional Group Creation Date	-	Must not be a future date.
C.7	GS08	Version Identifier Code	005010X222A1	Medicare expects value "005010X222A1".

Interchange Control (ISA/IEA), Functional Group (GS/GE), and Transaction Set (ST/SE) envelopes must be used as described in the TR3. Medicare's expectations for the Control Segments and Envelopes are detailed in Sections 6.1, 6.2, and 6.3.

## 6.1 ISA-IEA

### Delimiters – Inbound Transactions

As detailed in the TR3, delimiters are determined by the characters sent in specified, set positions of the ISA header. For transmissions inbound to Medicare FFS, these characters are determined by the submitter and can be any characters as defined in the TR3 and must not be contained within any data elements within the ISA/IEA Interchange Envelope.

### Delimiters – Outbound Transactions

Trading Partners should contact NGS for a list of delimiters to expect from Medicare. Note that these characters will not be used in data elements within an ISA/IEA Interchange Envelope.

*Table 5. Outbound Transaction Delimiters*

<b>Delimiter</b>	<b>Character Used</b>	<b>Dec Value</b>	<b>Hex Value</b>
Data Element Separator	*	42	2A
Repetition Separator	^	94	5E
Component Element Separator	:	58	3A
Segment Terminator	~	126	7E

## **Inbound Data Element Detail and Explanation**

All data elements within the ISA/IEA interchange envelope must follow ASC X12N syntax rules as defined within the TR3.

### **6.2 GS-GE**

Functional group (GS-GE) codes are transaction specific. Therefore, information concerning the GS/GE Functional Group Envelope can be found in Table 4.

### **6.3 ST-SE**

Medicare FFS follows the HIPAA-adopted TR3 requirements.

## **7 Specific Business Rules**

This section describes the specific CMS requirements over and above the standard information in the TR3.

### **7.1 General Notes**

Errors identified for business level edits performed prior to the Subscriber loop (2000B) will result in immediate file failure at that point. When this occurs, no further editing will be performed beyond the point of failure.

The billing provider must be associated with an approved electronic submitter. Claims submitted for billing providers that are not associated to an approved electronic submitter will be rejected. The following table describes segments/ elements not accepted by Medicare.

**Note:** A hyphen in the table below means N/A.

*Table 6. Segment / Elements Not Accepted by Medicare*

Page #	Loop ID	Reference	Name	Codes/Content	Notes/Comments
85	2000A	CUR	Foreign Currency Information	-	Medicare does not support the submission of foreign currency.
96	2010AA	REF	Billing Provider UPIN/License Information	-	Must not be present.
106	2010AC	Loop Rule	Pay to Plan Loop	-	Must not be present.
129	2010BA	REF	Subscriber Secondary Identification (REF01 = "SY")	-	Must not be present.
138	2010BB	REF	Payer Secondary Identification	-	Must not be present.
140	2010BB	REF	Billing Provider Secondary Identification	-	Must not be present.
142	2000C	HL	Patient Hierarchical Level	-	Must not be present. For Medicare, the subscriber is always the same as the patient.
144	2000C	PAT	Patient Information	-	Must not be present. For Medicare, the subscriber is always the same as the patient.
147	2010CA	Loop Rule	Patient Name Loop	-	Must not be present.
186	2300	CN1	Contract Information	-	Must not be present.
191	2300	REF	Mandatory Medicare (Section 4081) Crossover Indicator	-	Must not be present.

Page #	Loop ID	Reference	Name	Codes/Content	Notes/Comments
196	2300	REF	Payer Claim Control Number	-	Must not be present.
332	2330C	Loop Rule	Other Payer Referring Provider	-	Must not be present.
336	2330D	Loop Rule	Other Payer Rendering Provider	-	Must not be present.
340	2330E	Loop Rule	Other Payer Service Facility Location	-	Must not be present.
343	2330F	Loop Rule	Other Payer Supervising Provider	-	Must not be present.
347	2330G	Loop Rule	Other Payer Billing Provider	-	Must not be present.
395	2400	CN1	Contract Information	-	Must not be present.
416	2400	HCP	Line Pricing/Repricing Information	-	Must not be present.

## 7.2 General Transaction Notes

The following are Medicare-specific general rules pertaining to the 837P transaction:

- The maximum number of characters to be submitted in any dollar amount field is seven characters. Claims containing a dollar amount in excess of 99,999.99 will be rejected.
- Claims that contain percentage amounts with values in excess of 99.99 will be rejected.
- With the exception of the CAS segment, all amounts must be submitted as positive amounts. Negative amounts submitted in any non-CAS amount element will cause the claim to be rejected.
- Claims that contain percentage amounts cannot exceed two positions to the left or the right of the decimal. Percent amounts that exceed their defined size limit will be rejected.
- Only loops, segments, and data elements valid for the TR3 will be translated. Submitting invalid data will cause files to be rejected.



- Medicare requires the NPI be submitted as the identifier for all claims. Claims submitted with legacy identifiers will be rejected.
- National Provider Identifiers will be validated against the NPI algorithm. Claims which fail validation will be rejected.
- The MAC will only accept claims for one line of business per transaction. Claims submitted for multiple lines of business within one ST-SE (Transaction Set) will cause the transaction to be rejected.
- Submissions with more than one GS-GE (Functional Group) per ISA-IEA (interchange) will be rejected.

## 8 Acknowledgments and Reports

Medicare has adopted three acknowledgement transactions with the Version 005010 implementation: the 277CA, the TA1, and the 999. These acknowledgments will replace proprietary reports previously provided by the MACs.

Medicare FFS has adopted a process to only reject claim submissions that are out of compliance with the ASC X12N Version 005010 standard; the appropriate response for such errors will be returned on a 999. Batch submissions with errors will not be rejected in totality, unless warranted.

### 8.1 Report Inventory

#### Transaction Acknowledgment (TRN) Report

The TRN is a text report file indicating initial validation of the inbound claims file, including whether or not a claims file was identified as being an American National Standards Institute (ANSI) file.

- The naming format is `trn.(input filename).txt.#####` where - ##### is a sequence number generated by EDI Systems - For example: `trn.TRANS.837.041313.txt.52731`
- For TRNs generated in response to transactions sent via the sFTP and the Internet Gateway with spaces in the file name "ABC 123 DEF", the naming convention, will replace spaces with underscores and is as follows: `TRN.ABC 123 DEF.#####` (##### = 5-digit sequence number) o For example: `TRN.ABC_123_DEF.12345`
- The TRN will contain the Time Stamp, File Name, Trading Partner ID, and Original File size of the received claim file.

#### Transaction Acknowledgement (TA1)

- The TA1 segment indicates whether there are problems encountered with the X12 interchange control structure.
- The TA1 will not be returned if the originally submitted data was not recognized as an X12 formatted file.

For TA1s generated in response to transactions sent via the sFTP and the Internet Gateway, the file naming convention is as follows: TA1.File Name.#### (4 digit sequence number). For example: TA1.FileName.1234

- For TA1's generated in response to transactions sent via the sFTP and the Internet Gateway with spaces in the file name "ABC 123 DEF", the naming convention, will replace spaces with underscores and is as follows: TRN.ABC 123 DEF.#### (#### = 4-digit sequence number). For example: TA1.ABC\_123\_DEF.1234
- The TA1 will return standard ANSI X12 reasons for the rejection of a submitted file based on control structures.
- The TA1 will use the delimiters from the submitted file as the delimiters in the TA1. For example, using > as the Component Element Separator in the inbound claims file will cause the TA1 to return the > as the Component Element Separator.

### Implementation Acknowledgement for Health Care Insurance (999)

- The 999 is an ANSI file indicating results of data integrity analysis of the claims file.
- The naming format is 999.(input file name).txt\_000001.##### where ##### is the sequence number. - For example: 999.TRANS.837.041313.txt\_000001.52745

**Note:** 'input file name' if more than 32 characters will start to truncate the 999 name generated.

- The 999 will return standard delimiters regardless of those used in the claims file.
- If the 999 is rejected at the Functional Group Response Trailer (AK9), the 999 will instead return the delimiters used in the original submitted file.
- The 999 will be "wrapped," with all segments on one long line of data.

### Claims Acknowledgement (277CA)

- The 277CA is an ANSI X12 transaction indicating results of Medicare front end editing of the claims file.
- The naming format is 277CA\_X12\_20170317 (date in CCYYMMDD) 004413 (time in HHMMSS).####; where #### is the sequence number.
- The 277CA will return standard delimiters regardless of those used in the claims file.
- The 277CA will be "wrapped", with all segments on one long line of data.

## 9 Trading Partner Agreement

EDI Trading Partner Agreements ensure the integrity of the electronic transaction process. The Trading Partner Agreement is related to the electronic exchange of information, whether the agreement is an entity or a part of a larger agreement, between each party to the agreement.

Medicare FFS requires all Trading Partners to sign a Trading Partner Agreement with NGS. This agreement can be found on the [NGS Website](https://www.ngsmedicare.com/) (https://www.ngsmedicare.com/).

Additionally, NGS requires the following: Submission of an EDI Registration Form when contracting with a third party (clearinghouse, billing service) to perform EDI transactions on behalf of a provider. NGS also requires obtaining connectivity to the NGS EDI Gateway through one of the NGS approved NSVs. A list of the NSVs can be found on the [NGS Website](https://www.ngsmedicare.com/) (https://www.ngsmedicare.com/), select Resources, > EDI Solutions, > Network Service Vendors.

## 10 Transaction-Specific Information

This section defines specific CMS requirements over and above the standard information in the ASC X12N 837P TR3.

### 10.1 Header

The following sub-sections contain specific details associated with header.

#### 10.1.1 Header and Information Source

The following tables define the specific details associated with Header and Information Source:

**Note:**

- A hyphen in the table below means N/A.
- A new table exists for each segment.

*Table 7. ST Transaction Set Header*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
70	N/A	ST02	Transaction Set Control Number	-	9	NGS will reject an interchange (transmission) that is not submitted with unique values in the ST02 (Transaction Set Control Number) elements.

*Table 8. BHT Beginning of Hierarchical Transaction*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
71	N/A	BHT02	Transaction Set Purpose Code	00	2	Must equal "00" (ORIGINAL).
72	N/A	BHT06	Claim/Encounter Identifier	CH	2	Must equal "CH" (CHARGEABLE).

### 10.1.2 Loop 1000A Submitter Name

The following table defines the specific details associated with Loop 1000A Submitter Name:

**Note:** A hyphen in the table below means N/A.

*Table 9. Loop 1000A NM1 Submitter Name*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
75	1000A	NM105	Submitter Middle Name or Initial	-	25	The first position must be alphabetic (A-Z).
75	1000A	NM109	Submitter ID	-	80	NGS will reject an interchange (transmission) that is submitted with a submitter identification number that is not authorized for electronic claim submission. Submitter ID must match the value submitted in ISA06 and GS02.

### 10.1.3 Loop 1000B Receiver Name

The following table defines the specific details associated with Loop 1000B Receiver Name:

**Note:** A hyphen in the table below means N/A.

*Table 10. Loop 1000B NM1 Receiver Name*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
80	1000B	NM109	Receiver Primary Identifier	-	80	NGS will reject an interchange (transmission) that is not submitted with a valid NGS contractor code. Each individual MAC determines this identifier. Submitter ID must match the value submitted in ISA08 and GS03.

## 10.2 Billing Provider

The following sub-sections contain specific details associated with Billing Provider.

## 10.2.1 Loop 2000A Billing Provider Detail

The following table defines the specific details associated with Loop 2000A Billing Provider.

Table 11. Loop 2000A Billing Provider Detail

Loop ID	Notes/Comments
2000A	The Billing Provider Detail Section of this CG contains no unique CMS Medicare requirements that differ from the TR3. Refer to the TR3 specifications for the following Loops: 2000A, 2010AA, 2010AB.
2010AA	REF: must not be present (non-VA contractors). NM109: billing provider must be “associated” to the submitter (from a Trading Partner management perspective) in 1000A NM109. NGS will provide appropriate direction to VA providers.

## 10.2.2 Loop 2010AA Billing Provider Name

The following table defines the specific details associated with Loop 2010AA Billing Provider Name.

**Note:** A hyphen in the table below means N/A.

Table 12. Loop 2010AA NM1 Billing Provider Name

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
89	2010AA	NM105	Billing Provider Middle Name	-	25	The first position must be alphabetic (A-Z).

## 10.3 Subscriber Detail

The following sub-sections contain specific details associated with Subscriber.

### 10.3.1 Loop 2000B Subscriber Hierarchical Level

The following tables define the specific details associated with Loop 2000B Subscriber Hierarchical Level.

**Note:**

- A hyphen in the table below means N/A.
- A new table exists for each segment.

*Table 13. Loop 2000B HL Subscriber Hierarchical Level*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
115	2000B	HL04	Hierarchical Child Code	0	1	The value accepted is "0".

*Table 14. Loop 2000B SBR Subscriber Information*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
116	2000B	SBR01	Payer Responsibility Sequence Number Code	P, S	1	The values accepted are "P" or "S".
117	2000B	SBR02	Individual Relationship Code	18	2	For Medicare, the subscriber is always the same as the patient.
118	2000B	SBR09	Claim Filing Indicator Code	MB	2	For Medicare, the subscriber is always the same as the patient.

**Note:** A hyphen in the table below means N/A.

*Table 15. Loop 2000B PAT Patient Information*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
120	2000B	PAT08	Patient Weight	-	10	For DME claims only, a maximum of 4 whole numbers and up to 2 decimal positions are allowable.

### 10.3.2 Loop 2010BA Subscriber Name

The following tables define the specific details associated with Loop 2010BA Subscriber Name.

**Note:**

- A hyphen in the table below means N/A.
- A new table exists for each segment.

*Table 16. Loop 2010BA NM1 Subscriber Name*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
122	2010BA	NM102	Subscriber Entity Type Qualifier	1	1	The value accepted is 1.
122	2010BA	NM105	Subscriber Middle Name	-	25	The first position must be alphabetic (A-Z).
122	2010BA	NM108	Subscriber Identification Code Qualifier	MI	2	The value accepted is "MI".
123	2010BA	NM109	Subscriber Primary Identifier	-	80	For the Medicare Beneficiary Identifier (MBI): Must be 11 positions in the format of C A A N N A A N N A A N N where "C" represents a constrained numeric 1 thru 9; "A" represents alphabetic character A – Z but excluding S, L, O, I, B, Z; "N" represents numeric 0 thru 9; "AN" represents either "A" or "N".

**Note:** A hyphen in the table below means N/A.

*Table 17. Loop 2010BA DMG Subscriber Demographic Information*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
127	2010BA	DMG02	Subscriber Birth Date	-	35	Must not be a future date.

### 10.3.3 Loop 2010BB Payer Name

The following table defines the specific details associated with Loop 2010BB Payer Name.

Table 18. Loop 2010BB NM1 Payer Name

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
134	2010BB	NM108	Payer Identification Code Qualifier	PI	2	The value accepted is "PI".

## 10.4 Patient Detail

The following sub-sections contain specific requirements for the Patient Detail.

### 10.4.1 Loop 2300 Claim Information

The following tables define the specific details associated with Loop 2300 Claim Information.

**Note:**

- A hyphen in the table below means N/A.
- A new table exists for each segment.

Table 19. Loop 2300 CLM Claim Information

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
158	2300	CLM01	Patient Control Number	-	38	Only 20 characters will be stored and returned by Medicare.
159	2300	CLM02	Total Claim Charge Amount	-	18	Must be $\geq 0$ and $\leq 99,999.9$ . When Medicare is primary payer, CLM02 must equal the sum of all SV102 service line charge amounts. When Medicare is Secondary. Total Submitted Charges (CLM02) must equal the sum of all 2320 & 2430 CAS amounts and the 2320 AMT02 (AMT01=D).



Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
159	2300	CLM05-3	Claim Frequency Code	1	1	Must be equal to "1" (ORIGINAL).
163	2300	CLM20	Delay Reason Code	-	2	Data submitted in CLM20 will not be used for processing.

**Note:** A hyphen in the table below means N/A.

*Table 20. Loop 2300 DTP Date Elements*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
164	2300	DTP03	Onset of Current Illness or Injury Date	-	35	Must not be a future date.
165	2300	DTP03	Initial Treatment Date	-	35	Must not be a future date.
167	2300	DTP03	Acute Manifestation Date	-	35	Must not be a future date.
168	2300	DTP03	Accident Date	-	35	Must not be a future date.
169	2300	DTP03	Last Menstrual Period Date	-	35	Must not be a future date.
170	2300	DTP03	Last X-Ray Date	-	35	Must not be a future date.
171	2300	DTP03	Prescription Date	-	35	Must not be a future date.
173	2300	DTP03	Disability From Date	-	35	Future dates are allowed in this situation.
174	2300	DTP03	Last Worked Date	-	35	Must not be a future date.

In the table below, for Loop 2300 Admission Date Segment, if 2400.SV105 = "21", "51" or "61" then 2300 DTP with DTP01 = "435" must be present.

**Note:** A hyphen in the table below means N/A.

*Table 21. Loop 2300 DTP Admission Date*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
176	2300	DTP03	Related Hospitalization Admission Date	-	35	Must not be a future date.
177	2300	DTP03	Related Hospitalization Discharge Date	-	35	Must not be a future date.

In the table below, for Loop 2300 Claim Supplement Information, only the first iteration of the PWK, at either the claim level and/or line level, will be considered in the claim adjudication.

*Table 22. Loop 2300 PWK Claim Supplement Information*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
184	2300	PWK02	Attachment Transmission Code	BM, FX, EL, FT	2	Must be "BM", "FX", "EL", or "FT".

**Note:** A hyphen in the table below means N/A.

*Table 23. Loop 2300 CR1 Ambulance Transport Information*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
212	2300	CR102	Patient Weight	-	10	A maximum of 4 whole numbers and up to 2 decimal positions are allowable. Patient weight in excess of 9,999.99 pounds will be rejected.
213	2300	CR106	Transport Distance	-	15	Must not exceed 4 digits. Transport distance in excess of 9,999 miles will be rejected.

**Note:** A hyphen in the table below means N/A.

*Table 24. Loop 2300 HI Health Care Diagnosis Code*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
227	2300	HI01-2	Health Care Diagnosis Code	-	30	All diagnosis codes submitted on a claim must be valid codes per the qualified code source.  Claims that contain invalid diagnosis codes (pointed to or not) will be rejected.

### 10.4.2 Loop 2310A Referring Provider Name

The following table defines the specific details associated with Loop 2310A Referring Provider Name.

**Note:** A hyphen in the table below means N/A.

*Table 25. Loop 2310A NM1 Referring Provider Name*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
258	2310A	NM105	Referring Provider Middle Name	-	25	The first position must be alphabetic (A-Z).

### 10.4.3 Loop 2310B Rendering Provider Name

The following table defines the specific details associated with Loop 2310B Rendering Provider Name.

**Note:** A hyphen in the table below means N/A.

*Table 26. Loop 2310B NM1 Rendering Provider Name*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
263	2310B	NM105	Rendering Provider Middle Name	-	25	The first position must be alphabetic (A-Z).

### 10.4.4 Loop 2310D Supervising Provider Name

The following table defines the specific details associated with Loop 2310D Supervising Provider Name.

**Note:** A hyphen in the table below means N/A.

*Table 27. Loop 2310D NM1 Supervising Provider Name*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
281	2310D	NM105	Supervising Provider Middle Name	-	25	The first position must be alphabetic (A-Z).

### 10.4.5 Loop 2320 Other Subscriber Information

The following tables define the specific details associated with Loop 2320 Other Subscriber Information.

**Note:**

- A hyphen in the table below means N/A.
- A new table exists for each segment.

*Table 28. Loop 2320 SBR Other Subscriber Information*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
296	2320	SBR01	Payer Responsibility Sequence Number Code	-	1	2320 SBR01 = "P" must be present when 2000B SBR01 = "S".
298	2320	SBR09	Claim Filing Indicator Code	-	2	The value cannot be "MA" or "MB".

In the table below, for Loop 2320 Claim Level Adjustments, CAS segment must not be present when 2000B SBR01 = "P".

**Note:** A hyphen in the table below means N/A.

*Table 29. Loop 2320 CAS Claim Level Adjustments*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
301	2320	CAS01	Claim Level Adjustments	-	2	CAS segment must not be present when 2000B SBR01 = "P".

*Table 30. Loop 2320 AMT COB Payer Paid Amount*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
305	2320	AMT01	Coordination of Benefits (COB) Payer Paid Amount	D	3	Medicare requires one occurrence of 2320 loop with an AMT segment AMT01 = "D" must be present when 2000B SBR01 = "S".

### 10.4.6 Loop 2330A Other Subscriber Name

The following tables define the specific details associated with Loop 2330A Other Subscriber Name.

**Note:**

- A hyphen in the table below means N/A.
- A new table exists for each segment.

*Table 31. Loop 2330A NM1 Other Subscriber Name*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
313	2330A	NM105	Other Insured Middle Name	-	25	The first position must be alphabetic (A-Z).

**Note:** A hyphen in the table below means N/A.

*Table 32. Loop 2330A REF Other Subscriber Secondary Identification*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
319	2330A	REF02	Other Insured Additional Identifier	-	9	Must be 9 digits with no punctuation. First 3 digits cannot be higher than "272". Digits 1-3, 4-5, and 6-9 cannot be zeros (0).

### 10.4.7 Loop 2330B Other Payer Name

The following table defines the specific details associated with Loop 2330B Other Payer Name.

**Note:** A hyphen in the table below means N/A.

*Table 33. Loop 2330B DTP Claim Check or Remittance Date*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
325	2330B	DTP03	Date Time Period	-	35	Must not be a future date.

### 10.4.8 Loop 2400 Service Line Number

The following table defines the specific details associated with Loop 2400 Service Line Number.

**Note:**

- A hyphen in the table below means N/A.
- A new table exists for each segment.

*Table 34. Loop 2400 SV1 Professional Service*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
352	2400	SV101-1	Product or Service ID Qualifier	HC	2	Must be "HC".
353	2400	SV101-3, SV101-4, SV101-5, SV101-6	Procedure Modifier	-	2	For DME only: These segments cannot have a value of "EX". For DME only: When billing for capped rentals and pen pumps with 2 units of service, one of SV101-3, SV101-4, SV101-5, SV101-6 must have a value of "RT" and one of one of SV101-3, SV101-4, SV101-5, SV101-6 must have a value of "LT".

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
354	2400	SV102	Line Item Charge Amount	-	18	SV102 must be greater than 0. SV102's decimal positions are limited to 0, 1, or 2.
355	2400	SV103	Unit or Basis for Measurement Code	MJ, UN	2	SV103 must be "UN" for DME claims. SV103 must be "MJ" when SV101-3, SV101-4, SV101-5, or SV101-6 is an anesthesia modifier (AA, AD, QK, QS, QX, QY or QZ). Otherwise, must be "UN".
355	2400	SV104	Service Unit Count	-	15	Must be > 0 with maximum of 4 whole numbers and 1 decimal position (cannot exceed 9999.9). For DME only: SV104 must be "1" or "2" for capped rentals and pen pumps.
360	2400	SV503	Quantity	-	15	DME Only: Must be greater than 0 with a maximum of 3 whole numbers (must not exceed 999).
360	2400	SV504	Monetary Amount	-	18	DME Only: Must be greater than 0 with maximum of 7 digits – inclusive of up to 3 decimal positions.
360	2400	SV505	Monetary Amount	-	18	DME Only: Must be greater than 0 with maximum of 7 digits – inclusive of up to 3 decimal positions.

*Table 35. Loop 2400 PWK DME Certificate of Medical Necessity Indicator*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
366	2400	PWK01	Durable Medical Equipment (DME) Certificate of Medical Necessity Indicator	CT	2	DME only. Must not be present on Part B claims.

**Note:** A hyphen in the table below means N/A.

*Table 36. Loop 2400 CR1 Ambulance Transport Information*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
369	2400	CR102	Patient Weight	-	10	Must not exceed 4 whole numbers and 2 decimals. Patient weight in excess of 9,999.99 pounds will be rejected.
370	2400	CR106	Transport Distance	-	15	Must not exceed 4 digits. Transport distance in excess of 9,999 miles will be rejected.

In the table below, for Loop 2400 DME Certification, CR3 segment must be present when DME CMN information is included with the claim. Must not be present on Part B claims.

**Note:** A hyphen in the table below means N/A.

*Table 37. Loop 2400 CR3 Durable Medical Equipment Certification*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
371	2400	CR303	Unit or Basis for Measurement Code	-	2	DME Only: Must not exceed 2 digits. DME Only: Must be greater than 0 unless 2400 L02 = "08.02".



In the table below, for Loop 2400 Condition Indicator/ DME, DME only: CR3 segment must be present when DME CMN information is included with the claim. Must not be present on a Part B Claim.

*Table 38. Loop 2400 CRC Condition Indicator / Durable Medical Equipment*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
378	2400	CRC01	Code Category	09	2	DME Only: When CRC Condition Indicator (CRC01 = "09") is submitted, either CRC03 or CRC04 must be "38".

**Note:** A hyphen in the table below means N/A.

Table 39. Loop 2400 DTP Service Date

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
381	2400	DTP03	Date – Service Date	-	35	<p>Must not be a future date.</p> <p>DME only:</p> <ul style="list-style-type: none"> <li>• Must not be a single date of service when modifier RR is reported with more than 1 unit of service.</li> <li>• When a Service Date range extends into the future, the procedure code must equate to an Inexpensive Supply, PEN Amino Acid, PEN Enteral, PEN Immunosuppressant Drug, PEN Kit/Supply, PEN Lipid, PEN Pump, PEN Special Parenteral, or PEN Dextrose/Home Mix.</li> <li>• Must be a single DOS when procedure code is NOT “E0935” or “E0936” and the procedure code is not considered a Glucose Monitoring or Inexpensive Supply, and the procedure code is categorized as Frequently Serviced DME, Inexpensive or Routinely Purchased DME, Capped Rental DME, Stationary Liquid and Portable Oxygen Equipment, Oxygen Concentrators, Gaseous Oxygen Equipment, Liquid Oxygen Equipment, or Portable Oxygen Equipment.</li> </ul>

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
382	2400	DTP03	Date – Prescription Date	-	35	Must not be a future date.
383	2400	DTP03	Date – Certification Revision / Recertification Date	-	35	DME only: Must not be a future date. Must not be present on a Part B claim.
384	2400	DTP03	Date – Begin Therapy Date	-	35	DME only: Must not be a future date. Must not be present on a Part B claim.
385	2400	DTP03	Date – Last Certification Date	-	35	DME only: Must not be a future date. Must not be present on a Part B claim.
386	2400	DTP03	Date – Last Seen Date	-	35	Segment must not be present for DME claims. Part B only: Must not be a future date.
387	2400	DTP03	Test Performed Date	-	35	Must not be a future date.
389	2400	DTP03	Last X-Ray Date	-	35	Segment must not be present for DME claims. Part B only: Must not be a future date.
390	2400	DTP03	Initial Treatment Date	-	35	Must not be a future date.

**Note:** A hyphen in the table below means N/A.

*Table 40. Loop 2400 QTY Ambulance Patient Count*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
391	2400	QTY02	Ambulance Patient Count	-	15	Does not apply to DME. Must be between 1 and 99.

**Note:** A hyphen in the table below means N/A.

*Table 41. Loop 2400 QTY Obstetric Anesthesia Additional Units*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
392	2400	QTY02	Obstetric Additional Units	-	15	Does not apply to DME. Must be between 1 and 99.

**Note:** A hyphen in the table below means N/A.

*Table 42. Loop 2400 MEA Test Results*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
394	2400	MEA03	MEA – Test Results	-	20	Must not exceed 2 whole numbers and 1 decimal position. Must be a value greater than or equal to 0 and less than or equal to 99.9.

### 10.4.9 Loop 2410 Drug Identification

The following tables define the specific details associated with Loop 2410 Drug Identification. For DME claims, must be present when 2400 SV101-1 contains a default Healthcare Common Procedure Coding System (HCPCS) code.

**Note:**

- A hyphen in the table below means N/A.

- A new table exists for each segment.

*Table 43. Loop 2410 LIN Drug Identification*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
425	2410	LIN02	Product or Service ID Qualifier	N4	2	Must be N4.
425	2410	LIN03	National Drug Code	-	11	Must be exactly 11 alphanumeric positions.

**Note:** A hyphen in the table below means N/A.

*Table 44. Loop 2410 CTP Drug Quantity*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
426	2410	CTP04	National Drug Unit Count	-	15	Must be greater than 0 and less than or equal to 9,999,999.999.
427	2410	CTP05-1	Unit or Basis for Measurement Code	-	2	For DME claims only: Must be "UN" when 2410 LIN03 NDC is found on Medicare file as associated to an Oral Cancer Drug HCPCS code.

In the table below, for Loop 2410 Prescription or Compound Drug Association Number, must be submitted with REF01 = "XZ" if service line includes modifier J1.

*Table 45. Loop 2410 CTP Prescription or Compound Drug Association Number*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
428	2410	REF01	Reference Identification Qualifier	XZ	3	If service line (SV1) includes Modifier J1, REF01 = "XZ" must be present.

### 10.4.10 Loop 2420A Rendering Provider Name

The following table defines the specific details associated with Loop 2420A Rendering Provider Name.

**Note:** A hyphen in the table below means N/A.

Table 46. Loop 2420A NM1 Rendering Provider Name

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
431	2420A	NM105	Rendering Provider Middle Name	-	25	The first position must be alphabetic (A-Z).

### 10.4.11 Loop 2420D Supervising Provider Name

The following table defines the specific details associated with Loop 2420D Supervising Provider Name.

**Note:** A hyphen in the table below means N/A.

Table 47. Loop 2420D NM1 Supervising Provider Name

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
450	2420D	NM105	Supervising Provider Middle Name	-	25	First position of Supervising Provider Middle Name must be alphabetic (A-Z).

### 10.4.12 Loop 2420E Ordering Provider Name

The following table defines the specific details associated with Loop 2420E Ordering Provider Name.

**Note:** A hyphen in the table below means N/A.

Table 48. Loop 2420E NM1 Ordering Provider Name

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
455	2420E	NM105	Ordering Provider Middle Name	-	25	First position of Ordering Provider Middle Name must be alphabetic (A-Z).

### 10.4.13 Loop 2420F Referring Provider Name

The following table defines the specific details associated with Loop 2420F Referring Provider Name.

**Note:** A hyphen in the table below means N/A.

Table 49. Loop 2420F NM1 Referring Provider Name

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
466	2420F	NM105	Referring Provider Middle Name	-	25	First position of Referring Provider Middle Name must be alphabetic (A-Z).

### 10.4.14 Loop 2430 Line Adjudication Information

The following tables define the specific details associated with Loop 2430 Line Adjudication Information.

**Note:**

- A hyphen in the table below means N/A.
- A new table exists for each segment.

Table 50. Loop 2430 SVD Line Adjudication Information

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
481	2430	SVD03-1	Product or Service ID Qualifier	HC	2	Must be "HC". Claims with "ER", "IV" or "WK" will be rejected.
483	2430	SVD05	Paid Service Unit Count	-	15	Must not exceed 4 whole numbers and one decimal position. Must be a value greater than or equal to 0 and less than or equal to 9999.9
483	2430	SVD06	Bundled Line Number	-	6	Must be an integer (no decimals).

**Note:** A hyphen in the table below means N/A.

Table 51. Loop 2430 DTP Line Check or Remittance Date

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
490	2430	DTP03	Adjudication or Payment Date	-	35	Must not be a future date.

## 10.4.15 Loop 2440 Form Identification Code

The following tables define the specific requirements for the Loop 2440 Form Identification Code data.

**Note:**

- This loop is only for Durable Medical Equipment (DME) Claims. This loop must not be present for Part B Claims.
- A new table exists for each segment.

*Table 52. Loop 2440 LQ Form Identification Code*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
493	2440	LQ01	Code List Qualifier Code	UT	3	DME Must be "UT". DME claims only. Not valid for Part B Claims.

In the table below, for loop 2440 Supporting Documentation, FRM is only for Durable Medical Equipment (DME) Claims. This loop must not be present for Part B Claims.

**Note:** A hyphen in the table below means N/A.

*Table 53. Loop 2440 FRM Supporting Documentation*

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
495	2440	FRM01	Question Number/Letter	-	20	DME claims only. When LQ02='484.03' and FRM01='6A' or '6B', an occurrence of FRM01 with the value of '6C' is required.
495	2440	FRM01	Question Number/Letter	-	20	DME claims only. When LQ02='484.03' and FRM01='6C', an occurrence of FRM01 with the value of '6A' or '6B' is required.
495	2440	FRM01	Question Number/Letter	-	20	DME claims only. FRM01 Question number must be valid for the LQ02 CMN/DIF number.



Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
495	2440	FRM01	Question Number/Letter	-	20	DME claims only. When LQ02 = '484.03", occurrences of FRM01 = "1A" or "1B", and FRM01 = "1C", and FRM01 = "05" must be present.
495	2440	FRM01	Question Number/Letter	-	20	DME claims only. When LQ02 = '484.03" and FRM01 = "1A", and FRM03 is greater than or equal to "55.5" and less than or equal to "59.4", occurrences of FRM01 = "07", "08" and "09" must be present.
495	2440	FRM01	Question Number/Letter	-	20	DME claims only. When LQ02 = '484.03" and FRM01 = "1B", and FRM05 is greater than or equal to "88.5" and less than or equal to "89.4", occurrences of FRM01 = "07", "08" and "09" must be present.
495	2440	FRM02	Question Number/Letter	-	1	DME claims only. When LQ02 = '484.03" and FRM with FRM01 = "04", "07", "08" or "09" is present, then FRM02 must be present.
495	2440	FRM03	Question Response	-	50	DME claims only. When LQ02 = "04.04" and FRM01 = "07B", "09B", "10B" or "10C", FRM03 must be present.

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
495	2440	FRM03	Question Response	-	50	DME claims Only. When LQ02 = "06.03" and FRM01 = "02" or "03", FRM03 must be present.
495	2440	FRM03	Question Response	-	50	DME claims Only. When LQ02 = "09.03" and FRM01 = "01", "01A", "01B", "01C", "02", "02A", "02B", "02C", "03" or "04", FRM03 must be present.
495	2440	FRM03	Question Response	-	50	DME claims Only. When LQ02 = "10.03" and FRM01 = "03", "03A", "03B", "04", "04A", "04B", "05", "06", "08A", "08C", "08D", "08F", "08G" or "09", FRM03 must be present.
495	2440	FRM03	Question Response	-	50	DME claims Only. When LQ02 = '484.03" and FRM with FRM01 = "1A", "1B", "02", "03" or "05" is present, then FRM03 must be present.
495	2440	FRM04	Question Response	-	8	DME claims Only. Must not be a future date.
495	2440	FRM04	Question Response	-	8	DME claims Only. When LQ02 = "484.03" and FRM with FRM01 = "1C" or "6C" is present, then FRM04 must be present.
495	2440	FRM05	Question Response	-	6	DME claims Only. When LQ02 = "10.03" and FRM01 = "08B", "08E" or "08H", FRM05 must be present.

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
495	2440	FRM05	Question Response	-	6	DME claims Only. When LQ02 = "484.03" and FRM01 = "1B" or "6B", FRM05 must be present.
495	2440	FRM05	Question Response	-	6	DME claims Only. Must be between 0 and 100 and can contain up to one decimal place.

### 10.4.16 Transaction Set Trailer

The following table defines the specific details associated with the Transaction Set Trailer.

**Note:** A hyphen in the table below means N/A.

Table 54. SE Transaction Set Trailer

Page #	Loop ID	Reference	Name	Codes/Content	Length	Notes/Comments
496	N/A	SE02	Transaction Set Control Number	-	9	Must have the same value as ST02. Must be greater than zero.

## 11 Appendices

### 11.1 Implementation Checklist

Network Service Vendor Connectivity established for sFTP Gateway

- Practice Management Software supports current HIPAA versions of transaction sets.
- Practice Management Software supports translation of Acknowledgement Transactions
- EDI Enrollment and Registration Forms on file with NGS
- Submitter ID established, or Provider Authorization Form submitted for third-party submitter

## 11.2 Transmission Examples

Figure 1. 5010 837 Professional

```

ISA*00*  *00*  *ZZ*SENDERID *27*13282 *100706*1100*^*00501*068490001*1*P*>~
GS*HC*SENDERID*13282*20100706*1100*4001*X*005010X222A1~
ST*837*000000001*005010X222A1~
SE*45*000000001~
GE*1*4001~
IEA*1*068490001~
    
```

## 11.3 Frequently Asked Questions

Frequently asked questions can be accessed at [Medicare FFS EDI Operations](https://www.cms.gov/ElectronicBillingEDITrans/) (https://www.cms.gov/ElectronicBillingEDITrans/) and on the [NGS website](https://www.ngsmedicare.com/) (https://www.ngsmedicare.com/) select Education, Help and FAQ’s.

## 11.4 Acronym Listing

Table 55. Acronyms Listing and Definitions

Acronym	Definition
276	276 Claim Status Request transaction
277	277 Claim Status Response transaction
277CA	277 Claim Acknowledgement
835	835 Electronic Remittance Advice transaction
837P	837 Professional Claims transaction
999	Implementation Acknowledgment
ASC	Accredited Standards Committee
CAQH CORE	Council for Affordable Quality Healthcare – Committee on Operating Rules for Information Exchange
CEDI	Common Electronic Data Interchange
CG	Companion Guide

<b>Acronym</b>	<b>Definition</b>
CMS	Centers for Medicare & Medicaid Services
CMN	Certificate of Medical Necessity
DME	Durable Medical Equipment
EDI	Electronic Data Interchange
ERA	Electronic Remittance Advice
FFS	Medicare Fee-For-Service
FISMA	Federal Information Security Management Act
GS/GE	GS – Functional Group Header / GE – Functional Group Trailer
HCPCS	Healthcare Common Procedure Coding System
HIPAA	Health Insurance Portability and Accountability Act of 1996
HTTP	Hyper Text Transfer Protocol
HTTPS	Hyper Text Transfer Protocol Secure
IOM	Internet-only Manual
ISA/IEA	ISA – Interchange Control Header / IEA – Interchange Control Trailer
MAC	Medicare Administrative Contractor
MBI	Medicare Beneficiary Identifier
MIME	Multipurpose Internet Mail Extensions
NCPDP	National Council for Prescription Drug Programs
NPI	National Provider Identifier
NSV	Network Service Vendor
PDAC	Pricing, Data Analysis and Coding
PECOS	Provider Enrollment Chain and Ownership System
PHI	Protected Health Information
PID	Packet Identifier
sFTP	Secure File Transfer Protocol
SOAP	Simple Object Access Protocol
ST/SE	ST – Transaction Set Header / SE – Transaction Set Trailer
TA1	Interchange Acknowledgment
TR3	Technical Report Type 3

Acronym	Definition
TRN	Transaction Acknowledgment report (CEDi proprietary report)
WSDL	Web Services Description Language
X12	A standards development organization that develops EDI standards and related documents for national and global markets. (See the official ASC X12 website.)
X12N	Insurance subcommittee of X12

## 11.5 Change Summary

The following table details the version history of this CG.

*Table 56. Companion Guide Version History*

Version	Date	Section(s) Changed	Change Summary
1.0	November 5, 2010	All	Initial Draft
2.0	January 3, 2010	All	1st Publication Version
3.0	April 2011	6.0	2nd Publication Version
4.0	September 2015	All	3rd Publication Version
5.0	August 2017	All	4th Publication Version
5.1	July 2018	4.2	4th Publication Revision
6.0	March 2019	All	5th Publication Version
6.1	July 2019	8.1	<b>Note</b> added to the naming format of the 999. Small wording corrections.
6.2	May 2020	1.3 and 11.4	Updated URL language for WPC and X12
7.0	July 2022	All	508 Compliance updates