# HL7 MEDITECH Scheduling System
# to Other Vendor Ancillary System

**Version: 2.4**

**May 19, 2021**

**Reference number: R1873**

## Table of Contents

**General Comments**

This specification is designed to provide detailed information on the segments and fields (as related to the sending of scheduling information to the Other Vendor Ancillary System) that construct the Scheduling HL7 interface.  The exact lower level protocol implemented to transfer HL7 messages must be agreed upon by MEDITECH and the Other Vendor before implementation of the interface.

A copy of this specification should be provided to the Other Vendor well in advance of MEDITECH software delivery so that any questions or concerns of the Other Vendor can be resolved as soon as possible.

Proper cabling between the MEDITECH machine and the Other Vendor machine will need to be provided by the hospital.  MEDITECH can assist in the specification of the correct cable configuration to be used for the inter-machine link.

It is possible that additional devices such as modems or protocol converter units (PCUs) may need to be purchased by the hospital depending on the hardware platform of the Other Vendor system or on the proximity of the MEDITECH machine to the Other Vendor machine.  MEDITECH may be of some assistance in determining specific needs in this area.

The machine to machine communications will need to be thoroughly tested by MEDITECH and the Other Vendor prior to any application level testing.

Any fields that are not defined in a standard HL7 table should contain the exact entry present on the MEDITECH system.  For dictionary driven fields, the entry should contain the MEDITECH dictionary mnemonic.  Extra mapping may be able to be accommodated on a custom basis.

The specifications contained within this document conform to HL7 specifications version 2.4, however, the HL7 specification is still in a state of change.  As such, this document is to be used as a working model only and is subject to revision.

**General Message Format and Functionality**

**GENERAL MESSAGE FORMAT**

Scheduling data will be passed to and from the other vendor system in discrete
MESSAGES. A single message may contain multiple variable length data
transactions referred to as SEGMENTS.  The number, type and content of segments
in a given message will be determined based upon the type of message being
sent.  Each segment will begin with a 3 character code known as the Segment ID,
followed by a number of fields which are delimited by the Field Separator
character (see Message Construction Rules - HL7 Standard Documentation v2.4)

Each segment will be terminated with a carriage return.  Each message will be
terminated by a carriage return, which will follow the carriage return of the
last segment within the message.

**Scheduling Messages to Other Vendor Ancillary System**

Messages will be passed from MEDITECH to the Other Vendor Ancillary System
System when:

1. any appointment is booked.

2. any changes to a schedule are made.

Scheduling message type:

    O   Schedule Information Unsolicited (SIU) - A notification of specific
        scheduling activity to an auxiliary application.

**Network Communications Protocol and Data Framing**

For network transfer of messages, MEDITECH supports TCP/IP socket connections over an Ethernet backbone.

MEDITECH supports the HL7 Minimal Lower Layer Protocol for framing HL7 messages.

**With MEDITECH as client:**  the MEDITECH system must be supplied with the IP address of the remote system, along with a Well Known Port number on the remote system to which the MEDITECH system can open a TCP/IP connection.

Message transfer will be assumed to be initiated by the sender of messages, which will send an HL7 message and await to receive an HL7 Acknowledgement message.


**HL7 MINIMAL PROTOCOL**

The Minimal Lower Layer Protocol is described in section B.4 MINIMAL LOWER LAYER PROTOCOL of the Health Level Seven Version 2.4 specification.

With this protocol, an HL7 data message is framed with a single character to start the data message and two characters to terminate the message.  No other characters are added to the HL7 message.


The format of the transmission block is this:

**<SB>ddddd<EB><CR>**

Where:

 <SB> is the Start Block character, ASCII <VT>, decimal <11>, hex <0B>.

 ddd  is the variable number of bytes representing the HL7 data message.

 <EB> is the End Block character, ASCII <FS>, decimal <28>, hex <1C>.

 <CR> is a Carriage Return Character, ASCII <CR>, decimal <13>, hex <0D>.


**ACKNOWLEDGEMENT MESSAGES FOR NETWORK COMMUNICATIONS**

With the HL7 Minimal Protocol, the sender of an HL7 message (such as an ADT, ORM, or ORU message) will send a message and expect to receive an acknowledgement message before sending another message.  To indicate this in HL7 v2.4, the sender will put 'AL' in the Accept Acknowledgement Type field of the MSH segment.  The Application Acknowledgement Type field will contain 'NE'.

If MEDITECH is the sender of messages, MEDITECH will expect an acknowledgement message that contains the MESSAGE CONTROL ID of the message originally sent by MEDITECH.  MEDITECH will not process any application level error messages, nor will it process any delayed acknowledgement messages.

If MEDITECH is the receiver of messages, MEDITECH will send an ACK General Acknowledgement message which contains the MESSAGE CONTROL ID of the message received by MEDITECH.  MEDITECH will not send any application level error messages or any delayed acknowledgement messages. (ie, MEDITECH will treat all received messages as if the Accept Acknowledgement Type field contained 'AL' for always send accept acknowledgement, and the Application Acknowledgement Type field contained 'NE', for never send application acknowledgement).

**Standard HL7 Scheduling Formats**

**Schedule Information Unsolicited - SIU**

Messages will be passed from the MEDITECH Comunity Wide Scheduling System to
the Other Vendor System when a patient is scheduled in the following areas.

S12 - Notification of a new booking
S13 - Notification of appointment rescheduling
S14 - Notification of appointment modification
S15 - Notification of appointment cancellation
S16 - Notification of appointment discontinued
S23 - Notification of appointment pending
S26 - Notification of appointment no-show

Only one patient per SIU Message will be sent.

A SIU message could consist of these message segments:

MSH  Message Header
EVN  Event Data Info
SCH  Schedule Activity Information
PID  Patient Identification
PV1  Patient Visit
ROL  Role Persons
NTE  Notes and Comments
RGS  Resource Group Information
AIS  Appointment Information - Service Resource
AIL  Appointment Information - Location Resource
AIP  Appointment Information - Personnel Resource

**Supported Scheduling Events**

**Events Under the Schedule Information Unsolicited (SIU)**

**Notification of a new booking (event S12)**
This triggering event is to notify the auxiliary system of a new appointment.

**Notification of appointment rescheduling (event S13)**
This triggering event is to notify that an existing appointment has been rescheduled.

**Notification of appointment modification (event S14)**
This triggering event is to notify that an existing appointment has been modified. This excludes reschedules and cancellations.

**Notification of appointment cancellation (event S15)**
This triggering event is to notify that an existing appointment has been cancelled.

**Notification of appointment no-show (event S26)**
This triggering event is to notify that a scheuled appointment did not take place.

**Sample HL7 SIU Message**

 The following is a sample HL7 message.

```
MSH|^&|OV||MT||199703041533||SIU^S12|856369|D|2.4|
EVN|S12|199703041533||BOOKED|MT^MEDITECH^DR|
SCH|V0000000123|||||CONFLICT|ERMRIRAD|120|min|200306010900|DRSMITH||||||||||||||
BOOKED|
PID|||MG1234||LastName^FirstName^A||196304151300|M||C|5 Street Addr.
^APT#2^NORTH SPFLD.^MA^45621|ABC|999-999-9999||EN|S|CA|MT00001234|
999-99-9999||||||||||
PV1|1|I|3WEST^304^A|E|||3WEST^305^B|AttendingDocId^AttendingDocLast^
AttendingDocFirst^^JR^DR^MD|OTH^OTHER^DOCTOR^MIDDLE^^^|ReferringDocId
^ReferringDocLast^ReferringDocFirst^^JR^REV^PHD|ER||||ER|||AdmitDocId^
AdmitDocLast^AdmitDocFirst^AdmitDocMiddle^SR^DR^MD|ER||BC||
||||||||||||||H|||SN||REG|||1999212310600|199212311730|
ROL|AD|PP|MT^MEDITECH^DR|
NTE|1||Comments 1|
NTE|2||Comments 2|
RGS|1||CC^CLINICAL CARDIOLOGY
RGS|2||AD.RAD.RM^AD. RADIOLOGY ROOMS
AIS|1||AD.RADROOMONE^AD.RADIOLOGY ROOM ONE|||200306011000|||60|min
AIL|1||ASCAR^AMBULATORY CARE - CARDIAC|O|
AIL|2||RAD^RADIOLOGY|O|
AIP|1|A|ResourceId^ResourceLastName^ResourceFirstName^MD|PP|
```

# Record Layouts Other Vendor Ancillary System to MEDITECH Community Wide Scheduling

**Message ACK　　Segment MSA　　MESSAGE ACKNOWLEDGEMENT**

| Item | HL7 Description | Req | Type | Len | MEDITECH Description | Req | Type | Len |
|------|-----------------|-----|------|-----|----------------------|-----|------|-----|
| 00018 | Encoding Characters | R | AN | 2 | Encoding Characters | R | AN | 4 |
| 00010 | Sending Application | O | AN | 20 | Sending Application | R | AN | 18 |

**Req  -  R = Required,  C = Conditionally Required,  O = Optional, NU = Not Supported**

**ACK Segment MSA will be formatted as follows:**

MSA|AA|89776643


Used by MEDITECH for network interfaces only.

The MSA segment will contain the MESSAGE CONTROL ID of the message that is
being acknowledged.

## Message ACK    Segment MSH    GENERAL ACKNOWLEDGEMENT MESSAGE HEADER

| Item | HL7 Description | Req | Type | Len | MEDITECH Description | Req | Type | Len |
|------|-----------------|-----|------|-----|----------------------|-----|------|-----|
| 00002 | ENCODING CHARACTERS | R | ST | 4 | ENCODING CHARACTERS | R | AN | 4 |
| 00006 | SENDING APPLICATION | R | AN | 15 | SENDING APPLICATION | O | AN | 15 |
| 00005 | Message Type | R | AN | 15 | Message Type | O | AN | 7 |
| 00007 | Message Control ID | R | AN | 15 | Message Control ID | R | AN | 20 |
| 00012 | MESSAGE TYPE | R | ID | 7 | MESSAGE TYPE | R | AN | 7 |
| 00010 | Sequence Number | O | AN | 20 | Sequence Number | R | N | 15 |
| 00011 | Continuation Pointer | O | AN | 1 | Continuation Pointer | R | AN | 180 |
| 00012 | Accept Acknowledgment Type | O | N | 8 | Accept Acknowledgment Type | R | AN | 15 |
| 00013 | SEQUENCE NUMBER | O | N | 15 | SEQUENCE NUMBER | O | N | 15 |

Req  -  R = Required,  C = Conditionally Required,  O = Optional, NU = Not Supported

ACK Segment MSH will be formatted as follows:

MSH|^~\&|SCH||R||199212311049||ACK|123456789|P|2.3


Used by MEDITECH for network interfaces only in conjunction with the HL7 Minimal Lower Layer Protocol.

This will be a General Acknowledgement (or ACK) message type, which will be sent by the receiving system after receipt of a message.  The sending system will wait for receipt of the acknowledgement message before attempting to send another message.  If no Acknowledgement Message has been received within a specified period of time, the sending system may attempt to re-send the message.

The MSA segment will contain the MESSAGE CONTROL ID of the message that is being acknowledged.

Upon receipt of an Acknowledgement Message, the sender will assume that the indicated message had been successfully transmitted.  MEDITECH will not send or process any Application Error text messages.

# Record Layouts MEDITECH Community Wide Scheduling to Other Vendor Ancillary System

Message SIU     Segment MSH     Message Control Segment
Message SIU     Segment SCH     Schedule Activity Information Segment
Message SIU     Segment PID     Patient Identification Segment
Message SIU     Segment PV1     Patient Visit Data
Message SIU     Segment ROL     ROLE
Message SIU     Segment NTE     Notes and Comments Segment
Message SIU     Segment RGS     Resource Group Segment
Message SIU     Segment AIS     Appointment Information - Service Seg.
Message SIU     Segment AIL     Appointment Information - Location Seg.
Message SIU     Segment AIP     Appointment Information - Personnel Seg.

## Message SIU    Segment MSH    Message Control Segment

| Item | HL7 Description | Req | Type | Len | MEDITECH Description | Req | Type | Len |
|------|-----------------|-----|------|-----|----------------------|-----|------|-----|
| MSH.1 | Field Separator | R | ID | 1 | Field Separator | R | ID | 1 |
| MSH.2 | Encoding Characters | R | N | 4 | Encoding Characters | R | N | 4 |
| MSH.3 | Sending Application | O | AN | 15 | Sending Application | O | AN | 15 |
| MSH.4 | Sending Facility | O | AN | 10 | Sending Facility | O | AN | 10 |
| MSH.5 | Receiving Application | O | AN | 15 | Receiving Application | O | AN | 15 |
| MSH.6 | Receiving Facility | O | AN | 15 | Receiving Facility | O | AN | 15 |
| MSH.7 | Message Date & Time | R | N | 12 | Message Date & Time | R | N | 12 |
| MSH.9 | Message Type | R | AN | 26 | Message Type | R | AN | 13 |
| MSH.10 | Message Control ID | R | N | 20 | Message Control ID | R | N | 20 |
| MSH.11 | Processing ID | R | N | 1 | Processing ID | R | N | 1 |
| MSH.12 | Version ID | R | AN | 10 | Version ID | R | AN | 10 |
| MSH.13 | Sequence Number | O | N | 15 | Sequence Number | O | N | 15 |
| MSH.15 | Accept Acknowledgement Type | O | ID | 2 | Accept Acknowledgement Type | O | ID | 2 |
| MSH.16 | Application Ack. Type | O | AN | 2 | Application Ack. Type | O | AN | 2 |

Req  -  R = Required,  C = Conditionally Required,  O = Optional, NU = Not Supported

SIU Segment MSH will be formatted as follows:

```
MSH|||^~\&|MEDITECH|FACILITY|RECEIVINGAPP|RECEIVINGFAC|201207161030|ADT^A04|
123456789|P|2.4||AL|NE
```

The MSH segment defines the intent, source, destination, and some specifics of
the syntax of a message.

## Message SIU    Segment SCH    Schedule Activity Information Segment

| Item | HL7 Description | Req | Type | Len | MEDITECH Description | Req | Type | Len |
|---|---|---|---|---|---|---|---|---|
| SCH.1 | Placer Appointment ID | C | EI | 75 | Placer Appointment ID | O | EI | 75 |
| SCH.2 | Filler Appointment ID | C | EI | 75 | Filler Appointment ID | R | EI | 75 |
| SCH.5 | Schedule ID | O | CE | 250 | Schedule ID | O | CE | 250 |
| SCH.6 | Event Reason | R | CE | 250 | Event Reason | R | CE | 250 |
| SCH.8 | Appointment Type | O | CE | 250 | Appointment Type | R | CE | 250 |
| SCH.9 | Appointment Duration | O | NM | 20 | Appointment Duration | R | NM | 20 |
| SCH.10 | Appointment Duration Units | O | CE | 250 | Appointment Duration Units | R | CE | 250 |
| SCH.11 | Appointment Timing Quantity | R | TQ | 200 | Appointment Timing Quantity | R | TQ | 200 |
| SCH.25 | Filler Status Code | O | CE | 250 | Filler Status Code | O | CE | 250 |

**Req  -  R = Required,  C = Conditionally Required,  O = Optional, NU = Not Supported**

**SIU Segment SCH will be formatted as follows:**

SCH|||||||||BOOKED


This segment contains information about the appointment that is scheduled.

**Message SIU    Segment PID    Patient Identification Segment**

| Item | HL7 Description | Req | Type | Len | MEDITECH Description | Req | Type | Len |
|------|-----------------|-----|------|-----|----------------------|-----|------|-----|
| PID.1 | Set ID | R | N | 1 | Set ID | O | N | 1 |
| PID.3 | Patient Identifier List | R | SID | 25 | Patient Identifier List | R | SID | 25 |
| PID.5 | Patient Name | R | AN | 250 | Patient Name | R | AN | 250 |
| PID.6 | Mother's Maiden Name | O | AN | 250 | Mother's Maiden Name | O | AN | 250 |
| PID.7 | Date of Birth | O | N | 26 | Date of Birth | R | N | 26 |
| PID.8 | Administrative Sex | O | N | 1 | Administrative Sex | R | N | 1 |
| PID.9 | Patient Alias | O | AN | 250 | Patient Alias | O | AN | 250 |
| PID.10 | Race | O | AN | 250 | Race | O | AN | 250 |
| PID.11 | Patient Address | O | AN | 250 | Patient Address | R | AN | 250 |
| PID.13 | Phone Number - Home | O | N | 250 | Phone Number - Home | O | N | 250 |
| PID.14 | Phone Number - Business | O | N | 250 | Phone Number - Business | O | N | 250 |
| PID.16 | Marital Status | O | ID | 250 | Marital Status | O | ID | 250 |
| PID.17 | Religion | O | ID | 250 | Religion | O | ID | 250 |
| PID.18 | Patient Account Number | R | AN | 250 | Patient Account Number | R | AN | 250 |
| PID.19 | Social Security Number (SSN) | O | AN | 15 | Social Security Number (SSN) | O | AN | 15 |

**Req  -  R = Required,  C = Conditionally Required,  O = Optional, NU = Not Supported**

**SIU Segment PID will be formatted as follows:**

```
PID|1|M000000282|Last^First^Z|MotherMaidenLast|201211201354|M|PtAlias|CA|
5 Street Addr^APT 4^City^State^Zip|8009999999^^^test@email.com|8009999999|S|C|
HL00001234
```

The PID segment is used by all applications as the primary means of
communicating patient identification information.

## Message SIU    Segment PV1    Patient Visit Data

| Item | HL7 Description | Req | Type | Len | MEDITECH Description | Req | Type | Len |
|------|-----------------|-----|------|-----|----------------------|-----|------|-----|
| PV1.1 | Set ID | O | N | 4 | Set ID | R | N | 4 |
| PV1.2 | Patient Status | O | SN | 1 | Patient Status | R | SN | 1 |
| PV1.3 | Assigned Patient Location | O | AN | 80 | Assigned Patient Location | CR | AN | 80 |
| PV1.4 | Admission Type | O | AN | 2 | Admission Type | O | AN | 2 |
| PV1.6 | Prior Patient Location | O | AN | 80 | Prior Patient Location | O | AN | 80 |
| PV1.7 | Attending Provider | O | AN | 60 | Attending Provider | O | AN | 60 |
| PV1.8 | Referring Provider | O | AN | 60 | Referring Provider | O | AN | 60 |
| PV1.10 | Hospital Service | O | AN | 3 | Hospital Service | O | AN | 3 |
| PV1.14 | Admit Source | O | AN | 6 | Admit Source | O | AN | 6 |
| PV1.17 | Admitting Provider | O | SN | 60 | Admitting Provider | R | SN | 60 |
| PV1.18 | Patient Type | O | AN | 3 | Patient Type | R | AN | 3 |
| PV1.20 | Financial Class | O | AN | 11 | Financial Class | R | AN | 11 |
| PV1.36 | Discharge Disposition | O | AN | 10 | Discharge Disposition | O | AN | 10 |
| PV1.39 | Servicing Facility | O | AN | 10 | Servicing Facility | O | AN | 10 |
| PV1.41 | Patient Status | O | AN | 3 | Patient Status | R | AN | 3 |
| PV1.44 | Admit Date/Time | O | AN | 19 | Admit/Service Date/Time | R | AN | 19 |
| PV1.45 | Discharge Date/Time | O | AN | 19 | Discharge Date/Time | CR | AN | 19 |

Req  -  R = Required,  C = Conditionally Required,  O = Optional, NU = Not Supported

SIU Segment PV1 will be formatted as follows:

PV1|1|||MT

The PV1 segment is used to communicate information on a visit specific basis.

## Message SIU     Segment ROL     ROLE

| Item | HL7 Description | Req | Type | Len | MEDITECH Description | Req | Type | Len |
|------|-----------------|-----|------|-----|----------------------|-----|------|-----|
| ROL.1 | Set ID | R | N | 250 | Set ID | CR | N | 250 |
| ROL.4 | Role Person | R | AN | 250 | Role Person | R | AN | 250 |

**Req  -  R = Required,  C = Conditionally Required,  O = Optional, NU = Not Supported**

**SIU Segment ROL will be formatted as follows:**

ROL|1|RoleId^RoleLast^RoleF^^^DR.^^^^^^^XX


The ROL segment defines Role of the Doctor

This segement will not populate in versions <2.4

## Message SIU    Segment NTE    Notes and Comments Segment

| Item | HL7 Description | Req | Type | Len | MEDITECH Description | Req | Type | Len |
|------|-----------------|-----|------|-----|----------------------|-----|------|-----|
| NTE.1 | Set ID - NTE | O | SI | 4 | Set ID - NTE | O | SI | 4 |
| NTE.3 | Comment | O | FT | 655 | Comment | O | FT | 655 |

**Req  -  R = Required,  C = Conditionally Required,  O = Optional, NU = Not Supported**

**SIU Segment NTE will be formatted as follows:**

NTE


This segment will be used to communicate comments associated with appointments.

**Message SIU     Segment RGS     Resource Group Segment**

| Item | HL7 Description | Req | Type | Len | MEDITECH Description | Req | Type | Len |
|------|-----------------|-----|------|-----|---------------------|-----|------|-----|
| RGS.1 | Set ID - RGS | R | SI | 4 | Set ID - RGS | CR | SI | 4 |
| RGS.3 | Resource Group ID | O | CE | 250 | Resource Group ID | CR | CE | 250 |

Req  -  R = Required,  C = Conditionally Required,  O = Optional, NU = Not Supported

SIU Segment RGS will be formatted as follows:

RGS

To allow identification of relationships between resources for a scheduled appointment.

**Message SIU    Segment AIS    Appointment Information - Service Seg.**

| Item | HL7 Description | Req | Type | Len | MEDITECH Description | Req | Type | Len |
|------|-----------------|-----|------|-----|----------------------|-----|------|-----|
| AIS.1 | Set ID - AIS | R | SI | 4 | Set ID - AIS | R | SI | 4 |
| AIS.3 | Universal Service Identifier | R | CE | 250 | Resource | R | CE | 250 |
| AIS.4 | Start Date/Time | C | TS | 26 | Start Date/Time | R | TS | 26 |
| AIS.7 | Duration | O | NM | 20 | Duration | R | NM | 20 |
| AIS.8 | Duration Units | O | CE | 250 | Duration Units | O | CE | 250 |
| AIS.9 | Filler Status Code | C | IS | 10 | Status | O | IS | 10 |

Req  -  R = Required,   C = Conditionally Required,   O = Optional, NU = Not Supported

SIU Segment AIS will be formatted as follows:

AIS|HL7 STD

This segment identifies the scheduled resource if the scheduled resource is not associated with a Provider.

**Message SIU    Segment AIL    Appointment Information - Location Seg.**

| Item | HL7 Description | Req | Type | Len | MEDITECH Description | Req | Type | Len |
|------|-----------------|-----|------|-----|----------------------|-----|------|-----|
| AIL.1 | Set ID - AIL | R | SI | 4 | Set ID - AIL | R | SI | 4 |
| AIL.3 | Location Resource ID | C | PL | 80 | Location Resource ID | CR | PL | 80 |

**Req  -  R = Required,  C = Conditionally Required,  O = Optional, NU = Not Supported**

**SIU Segment AIL will be formatted as follows:**

AIL


This segment identifies locations and location types for the resource groups
identified in the RSG Segment.

**Message SIU    Segment AIP    Appointment Information - Personnel Seg.**

| Item | HL7 Description | Req | Type | Len | MEDITECH Description | Req | Type | Len |
|------|-----------------|-----|------|-----|----------------------|-----|------|-----|
| AIP.1 | Set ID - AIP | R | SI | 4 | Set ID - AIP | R | SI | 4 |
| AIP.3 | Personnel Resource ID | C | XCN | 250 | Personnel Resource ID | R | XCN | 250 |
| AIP.4 | Resource Role | R | CE | 250 | Provider Type | CR | CE | 250 |
| AIP.9 | Duration | O | NM | 20 | Duration | O | NM | 20 |
| AIP.10 | Duration Units | O | CE | 250 | Duration Units | O | CE | 250 |

**Req  -  R = Required,  C = Conditionally Required,  O = Optional, NU = Not Supported**

**SIU Segment AIP will be formatted as follows:**

AIP


This segment identifies the scheduled resource information if the resource
is associated with a Provider Mnemonic.  All other resources will be identified
via the AIS - Appointment Information - Service Information Segment.

# Appendix

## Field Definitions

| NOTE | HL7/MT | DESCRIPTION | LENGTH | TYPE |
|------|--------|-------------|--------|------|
| 00002 | HL7 | ENCODING CHARACTERS | 4 | ST |
|       | MT  | ENCODING CHARACTERS | 4 | AN |

**HL7 standard description**

Four characters that include the component separator, the repetition separator, the escape character, and the sub-component separator.

The component, sub-component, and repetition separators are used as appropriate in each field.  These characters may not be part of the data of any fields which may have components or sub-components, or which may repeat.

Used in Message Segment:  ACK MSH

---

| NOTE | HL7/MT | DESCRIPTION | LENGTH | TYPE |
|------|--------|-------------|--------|------|
| 00005 | HL7 | Message Type | 7 | CM |
|       | MT  | Message Type | 7 | AN |

**HL7 standard description**

A two component field which contains the message type and the triggering event for this application.

Used in Message Segment:  ACK MSH

---

| NOTE | HL7/MT | DESCRIPTION | LENGTH | TYPE |
|------|--------|-------------|--------|------|
| 00006 | HL7 | SENDING APPLICATION | 15 | ST |
|       | MT  | SENDING APPLICATION | 15 | AN |

**HL7 standard description**

Available for interface with lower level protocols.

MEDITECH value:  <Optional>  This is a parameter which can be set up if needed.  However, the data transmitted or received in this field is not needed by MEDITECH to format or file the record and is not stored in the MEDITECH system.

Used in Message Segment:  ACK MSH

---

| NOTE | HL7/MT | DESCRIPTION | LENGTH | TYPE |
|------|--------|-------------|--------|------|
| 00007 | HL7 | Message Control ID | 20 | ST |
|       | MT  | Message Control ID | 20 | AN |

**HL7 standard description**

This is the identifying code which is unique to each message.

MEDITECH Value: This will be the urn generated by the INBOX or OUTBOX process.

Used in Message Segment:   <u>ACK MSH</u>

---

| 00010 | HL7 | Sequence Number | 15 | NM |
|---|---|---|---|---|
| | MT | Sequence Number | 15 | N |

**HL7 standard description**

A value in this field indicates the sequence number protocol is being used.

Used in Message Segment:   <u>ACK MSH</u>

---

| 00011 | HL7 | Continuation Pointer | 180 | ST |
|---|---|---|---|---|
| | MT | Continuation Pointer | 180 | AN |

**HL7 standard description**

To identify a continuation.

Used in Message Segment:   <u>ACK MSH</u>

---

| 00012 | HL7 | Accept Acknowledgment Type | 15 | ID |
|---|---|---|---|---|
| | MT | Accept Acknowledgment Type | 15 | AN |

**HL7 standard description**

This field defines the conditions which "accept" (communications) acknowlegments are required in response to this message.

MEDITECH will always send "AL" to indicate ALWAYS.

Used in Message Segment:   <u>ACK MSH</u>

---

| 00012 | HL7 | MESSAGE TYPE | 7 | ID |
|---|---|---|---|---|
| | MT | MESSAGE TYPE | 7 | AN |

**HL7 standard description**

The Message Type for a General Acknowledgement Message is ACK.

Used in Message Segment:   <u>ACK MSH</u>

---

| 00013 | HL7 | SEQUENCE NUMBER | 15 | NM |
|---|---|---|---|---|
| | MT | SEQUENCE NUMBER | 15 | N |

## HL7 standard description

The sequence number will be required if the HL7 Expected Sequence Number protocol is employed, otherwise it will not be used.  Refer to the Communications Protocol section of this specification.

Used in Message Segment:  ACK MSH

---

| 00018 | HL7 | Encoding Characters | 4 | ST |
| | MT | Encoding Characters | 4 | AN |

## HL7 standard description

This field contains four characters of delimitation. They are as follows: The component separator, repetition separator, escape character, and the subcomponent separator.

Used in Message Segment:  ACK MSA

---

| AIL.1 | HL7 | Set ID - AIL | 4 | SI |
| | MT | Set ID - AIL | 4 | SI |

## MEDITECH description

Numeric sequence to uniquely identify multiple iterations of the same segment.

Used in Message Segment:  SIU AIL

---

| AIL.3 | HL7 | Location Resource ID | 80 | PL |
| | MT | Location Resource ID | 80 | PL |

## MEDITECH description

This field contains a coded identification of the location being requested or scheduled for an appointment. This field is used to identify a specific location being requested, or a specific location which has been scheduled for an appointment

## MEDITECH element/value

SCH.APPT.res.location

Used in Message Segment:  SIU AIL

---

| AIP.1 | HL7 | Set ID - AIP | 4 | SI |
| | MT | Set ID - AIP | 4 | SI |

## MEDITECH description

Numeric sequence to uniquely identify multiple iterations of the same segment.

Used in Message Segment:  SIU AIP

| AIP.10 | HL7 | Duration Units | 250 | CE |
|--------|-----|----------------|-----|-----|
|        | MT  | Duration Units | 250 | CE |

**MEDITECH description**

Units of time used by Duration.  Will always be hardcoded to "min".

Used in Message Segment:   <u>SIU AIP</u>

---

| AIP.3 | HL7 | Personnel Resource ID | 250 | XCN |
|-------|-----|-----------------------|-----|-----|
|       | MT  | Personnel Resource ID | 250 | XCN |

**MEDITECH description**

The Scheduling Doctor from the MIS Provider Dictionary

Format:
MN^LA^FI^MI^SU^TI^DE

**MEDITECH element/value**

SCH.APPT.doctor

Used in Message Segment:   <u>SIU AIP</u>

---

| AIP.4 | HL7 | Resource Role | 250 | CE |
|-------|-----|---------------|-----|-----|
|       | MT  | Provider Type | 250 | CE |

**MEDITECH description**

Scheduling Doctor Provider Type.

**MEDITECH element/value**

MIS.DOC.dr.type

Used in Message Segment:   <u>SIU AIP</u>

---

| AIP.9 | HL7 | Duration | 20 | NM |
|-------|-----|----------|----|-----|
|       | MT  | Duration | 20 | NM |

**MEDITECH description**

Duration for which the service is scheduled for.

**MEDITECH element/value**

SCH.APPT.duration

---

**AIS.1**      **HL7**      **Set ID - AIS**                                **4**      **SI**
               **MT**       **Set ID - AIS**                                **4**      **SI**

**HL7 standard description**

Definition:  This field contains a number that uniquely identifies the
information represented by this seg-ment in this transaction for the purposes of
addition, change or deletion.

**MEDITECH description**

Numeric sequence to uniquely identify multiple iterations of the same segment.

---

**AIS.3**      **HL7**      **Universal Service Identifier**      **250**      **CE**
               **MT**       **Resource**                          **250**      **CE**

**MEDITECH description**

This field contains the Resource mnemonic for the scheduled resource group.

**MEDITECH element/value**

SCH.APPT.resource

---

**AIS.4**      **HL7**      **Start Date/Time**                   **26**      **TS**
               **MT**       **Start Date/Time**                   **26**      **TS**

**MEDITECH description**

The date and time required for the service for the appointment.

**MEDITECH element/value**

SCH.APPT.res.start.date
SCH.APPT.res.start.time

---

**AIS.7**      **HL7**      **Duration**                          **20**      **NM**
               **MT**       **Duration**                          **20**      **NM**

**MEDITECH description**

Duration for which the service is scheduled for.

**MEDITECH element/value**

SCH.APPT.duration

Used in Message Segment: [SIU AIS](SIU AIS)

---

| AIS.8 | HL7 | Duration Units | 250 | CE |
|-------|-----|----------------|-----|----|
|       | MT  | Duration Units | 250 | CE |

**MEDITECH description**

"min" will always be sent in this field.

Used in Message Segment: [SIU AIS](SIU AIS)

---

| AIS.9 | HL7 | Filler Status Code | 10 | IS |
|-------|-----|--------------------|----|----|
|       | MT  | Status             | 10 | IS |

**MEDITECH description**

Possible Values:

BOOKED
ATTENDED
NO SHOW
CANCELLED
PENDING

Used in Message Segment: [SIU AIS](SIU AIS)

---

| MSH.1 | HL7 | Field Separator | 1 | ST |
|-------|-----|-----------------|---|----|
|       | MT  | Field Separator | 1 | ID |

**MEDITECH description**

This field contains the HL7 field separator "|" and is located between the
segment ID "MSH" and the MSH|2 field.  This dictates that "|" will act as the
field separator for the rest of the HL7 message.

Used in Message Segment: [SIU MSH](SIU MSH)

---

| MSH.10 | HL7 | Message Control ID | 20 | NM |
|--------|-----|--------------------|----|----|
|        | MT  | Message Control ID | 20 | N  |

**MEDITECH description**

This field contains a unique numerical identifier for each HL7 message.  In
order to successfully interface with an external system, the receiving system
must echo this identifier back in the acknowledgement message.

---

**MSH.11**    **HL7**    **Processing ID**                          **1**    **PT**
              **MT**     **Processing ID**                          **1**    **N**

**MEDITECH description**

Possible Values: P or D

---

**MSH.12**    **HL7**    **Version ID**                            **10**    **AN**
              **MT**     **Version ID**                            **10**    **AN**

**MEDITECH description**

HL7 version

---

**MSH.13**    **HL7**    **Sequence Number**                       **15**    **NM**
              **MT**     **Sequence Number**                       **15**    **N**

---

**MSH.15**    **HL7**    **Accept Acknowledgement Type**            **2**    **ID**
              **MT**     **Accept Acknowledgement Type**            **2**    **ID**

**MEDITECH description**

Accept Acknowledgement Type:  This value will always be populated with "AL".

---

**MSH.16**    **HL7**    **Application Ack. Type**                  **2**    **ID**
              **MT**     **Application Ack. Type**                  **2**    **AN**

**MEDITECH description**

This field contains the conditions under which application acknowledgements are required to be returned in response to this message.   Will always be populated with "NE".

---

**MSH.2**     **HL7**    **Encoding Characters**                    **4**    **ST**
              **MT**     **Encoding Characters**                    **4**    **N**

**MEDITECH description**

This field contains the four encoding characters that are used in the HL7 message.  These characters define the following:

^ Component Separator
Repetition Separator
\ Escape Character
& Subcomponent Character

Used in Message Segment:   SIU MSH

---

| MSH.3 | HL7 | Sending Application | 180 | TX |
|---|---|---|---|---|
|  | MT | Sending Application | 15 | AN |

**MEDITECH description**

This field identifies the Sending Application as defined in the internal MEDITECH parameters.

**MEDITECH element/value**

MIS.XO.MSG.GEN.xo.sending.application

Used in Message Segment:   SIU MSH

---

| MSH.4 | HL7 | Sending Facility | 180 | AN |
|---|---|---|---|---|
|  | MT | Sending Facility | 10 | AN |

**MEDITECH description**

This field contains the Sending Facility ID as defined in the MEDITECH internal parameters.  To change this value please contact your MEDITECH Interoperability Specialist.

Used in Message Segment:   SIU MSH

---

| MSH.5 | HL7 | Receiving Application | 180 | AN |
|---|---|---|---|---|
|  | MT | Receiving Application | 15 | AN |

**MEDITECH description**

This field defines the receiving application as defined in the MEDITECH internal parameters.  If you would like this value modified please contact your Interoperability Specialist.

**MEDITECH element/value**

MIS.XO.MSG.GEN.xo.receiving.application

Used in Message Segment:   SIU MSH

---

| MSH.6 | HL7 | Receiving Facility | 180 | AN |
| | MT | Receiving Facility | 15 | AN |

**MEDITECH description**

This field identifies the receiving application as defined in the MEDITECH internal parameters. If this value needs to be modified please contact your Interoperability Specialist.

Used in Message Segment:  SIU MSH

---

| MSH.7 | HL7 | Message Date & Time | 26 | DR |
| | MT | Message Date & Time | 12 | N |

**MEDITECH description**

The date and time that the HL7 message was created in the following format:

YYYYMMDDTTTT

Used in Message Segment:  SIU MSH

---

| MSH.9 | HL7 | Message Type | 13 | CM |
| | MT | Message Type | 13 | AN |

**MEDITECH description**

This field contains the message type and trigger event for the message in the ollowing format:

Message Type^Trigger Event

MSH|9.1 - Contains the Message Type
MSH|9.2 - Contains the Event Trigger

Used in Message Segment:  SIU MSH

---

| NTE.1 | HL7 | Set ID - NTE | 4 | SI |
| | MT | Set ID - NTE | 4 | SI |

**MEDITECH description**

Numeric sequence to uniquely identify multiple iterations of the same segment.

Used in Message Segment:  SIU NTE

---

| NTE.3 | HL7 | Comment | 655 | FT |
| | MT | Comment | 655 | FT |

**MEDITECH description**

This field contains the text of the comment.

**MEDITECH element/value**

ADM.PAT.sched.note.text

Used in Message Segment:   <u>SIU NTE</u>

---

| PID.1 | HL7 | Set ID | 1 | CX |
|-------|-----|--------|---|-----|
|       | MT  | Set ID | 1 | N   |

**MEDITECH description**

There will only be one patient being sent at a time.  Therefore, this will always be set to the value of "1".

Used in Message Segment:   <u>SIU PID</u>

---

| PID.10 | HL7 | Race | 250 | CE |
|--------|-----|------|-----|-----|
|        | MT  | Race | 250 | AN |

**MEDITECH description**

Patients race mnemonic as defined within the MIS race dictionary.  An example of this could be "CA" which is commonly defined for Caucasian.

**MEDITECH element/value**

@race
@MRI.DRC.race

Used in Message Segment:   <u>SIU PID</u>

---

| PID.11 | HL7 | Patient Address | 250 | AD |
|--------|-----|-----------------|-----|-----|
|        | MT  | Patient Address | 250 | AN |

**MEDITECH description**

Patients mailing address.  This field is comprised of the following components:

Component 1: Street
Component 2: Street (Secondary, i.e. APT)
Component 3: City
Component 4: State
Component 5: Zip Code

**MEDITECH element/value**

Component 1 - @pat.street, @MRI.DRC.pat.street
Component 2 - @pat.street2, @MRI.DRC.pat.street2
Component 3 - @pat.city, @MRI.DRC.pat.city
Component 4 - @pat.state, @MRI.DRC.pat.state

Component 5 - @pat.zip, @MRI.DRC.pat.zip

Used in Message Segment:   <u>SIU PID</u>

---

**PID.13    HL7        Phone Number - Home                     250       TN**
**           MT         Phone Number - Home                     250       N**

**MEDITECH description**

Patients home phone number.  This field is multi-component which includes the
option of including an email address.

Component 1: Patient home phone number
Component 4: Patient E-mail address

6.1 Release and Above:

Component 1 - Phone Number
Component 2 - HL7 Use Code
  Hard coded as either:
            "PRN" - Primary Residence Number
            "ORN" - Other Residence Number
Component 3 - Type - From MIS Phone Number Type Dictionary

**MEDITECH element/value**

Component 1: @pat.home.phone
Component 4: @pat.email

Used in Message Segment:   <u>SIU PID</u>

---

**PID.14    HL7        Phone Number - Business                 250       TN**
**           MT         Phone Number - Business                 250       N**

**MEDITECH description**

This field contains the patient's business telephone number.

6.1 Release and Above:

Component 1 - Phone Number
Component 2 - HL7 Use Code
   Hard coded as "WPN" - Work Primary Number
Component 3 - Type
   Hard coded as "EMP" - Employer

**MEDITECH element/value**

@ADM.PAT.emp.phone

Used in Message Segment:   <u>SIU PID</u>

---

**PID.16    HL7        Marital Status                          250       CE**
**           MT         Marital Status                          250       ID**

**MEDITECH description**

Patients marital status as defined in the marital status dictionary in MIS.

**MEDITECH element/value**

@marital.status

Used in Message Segment:   <u>SIU PID</u>

---

**PID.17**      **HL7**        **Religion**                                      **250**      **CE**
              **MT**         **Religion**                                      **250**      **ID**

**MEDITECH description**

Patients religion as defined in the religion dictionary within MIS.

**MEDITECH element/value**

@religion

Used in Message Segment:   <u>SIU PID</u>

---

**PID.18**      **HL7**        **Patient Account Number**                        **250**      **TX**
              **MT**         **Patient Account Number**                        **250**      **AN**

**MEDITECH description**

This field contains the patient account number.

Optional 2nd Component: Patient Registration Category

**MEDITECH element/value**

DPM Information:

ADM.PAT.acct.num

Used in Message Segment:   <u>SIU PID</u>

---

**PID.19**      **HL7**        **Social Security Number (SSN)**                  **15**       **ST**
              **MT**         **Social Security Number (SSN)**                  **15**       **AN**

**MEDITECH description**

US : Patient social security number
CAN: Patient Health Care Number

**MEDITECH element/value**

US : ADM.PAT.soc.sec.number

CAN: ADM.PAT.health.care.number

Used in Message Segment:

---

| PID.3 | HL7 | Patient Identifier List | 250 | CX |
|-------|-----|------------------------|-----|-----|
|       | MT  | Patient Identifier List | 25  | SID |

**MEDITECH description**

This field contains multiple patient identifiers separated by a repetition character.  A patients Medical Record Number, Social Security Number (if available), HIM OID, and EMR Number are sent through this field.  The following format of this field is as follows:

Anything between expressed with " " is a hardcoded value.

First Repetition:

Component 1: Medical Record Number
Component 5: "MR"
Component 6: Facility Mnemonic

Second Repetition:

Component 1: Social Security Number
Component 5: "SS"
Component 6: Facility Mnemonic

Third Repetition:(If Available)

Component 1: HIM OID
Component 5: "PI"
Component 6: Facility Mnemonic

Fourth Repetition:

Component 1: EMR ID
Component 5: "HUB"
Component 6: Facility Mnemonic

Note:  If there is no social security number entered on a patient, the fourth repetition will assume the third repetition.

If HL7 version < 2.4 then only MRN repition will be available.

**MEDITECH element/value**

Medical Record Number:  @unit.number
Social Security Number: @soc.sec.number
HIM ID:                 @mri.urn
EMR ID:                 @MRI.PAT.mri.hub.id

Used in Message Segment:

---

| PID.5 | HL7 | Patient Name | 250 | PN |
|-------|-----|--------------|-----|-----|
|       | MT  | Patient Name | 250 | AN |

**MEDITECH description**

This field contains the name of the patient.  This field is a 6 component field
which is formatted as follows:

Component 1: Last Name
Component 2: First Name
Component 3: Middle Initial
Component 4: Suffix
Component 5: Title
Component 6: Degree

If the HL7 Version is greater than 2.2 than PID.5.7 will populate with L and
if there are multiple other names than PID.5.7 will be populated with an  M.
If the HL7 Versions is 2.2 or less than it won t populate PID.5.7.


**MEDITECH element/value**

@name
@maiden.other.name
@MRI.PAT.name

Used in Message Segment:  <u>SIU PID</u>

---

| PID.6 | HL7 | Mother's Maiden Name | 250 | PN |
|-------|-----|----------------------|-----|-----|
| | MT | Mother's Maiden Name | 250 | AN |

**MEDITECH description**

This field contains the mothers maiden name.

**MEDITECH element/value**

@mothers.first.name
@MRI.PAT.mothers.first.name

Used in Message Segment:  <u>SIU PID</u>

---

| PID.7 | HL7 | Date of Birth | 26 | TS |
|-------|-----|---------------|----|----|
| | MT | Date of Birth | 26 | N |

**MEDITECH description**

This field contains the patients date of birth.  This is formatted as follows:

YYYYMMDDHHMM

**MEDITECH element/value**

DPM Information:

ADM.PAT.pat.dob

Used in Message Segment:  <u>SIU PID</u>

---

```
PID.8        HL7        Administrative Sex                1      IS
             MT         Administrative Sex                1      N
```

**MEDITECH description**

This field contains the sex of the patient.  Possible values: M, F, and U.

M = Male
F = Female
U = Unknown

**MEDITECH element/value**

DPM Information:

ADM.PAT.sex

Used in Message Segment:  SIU PID

---

```
PID.9        HL7        Patient Alias                    250    PN
             MT         Patient Alias                    250    AN
```

**MEDITECH description**

This field contains the name(s) by which the patient has been known at some
time.  Alias/Nick Name.

Component 1: Last Name
Component 2: First Name
Component 3: Middle Initial
Component 4: Suffix
Component 5: Title
Component 6: Degree

Used in Message Segment:  SIU PID

---

```
PV1.1        HL7        Set ID                           4      SI
             MT         Set ID                           4      N
```

**MEDITECH description**

This field contains the number that identifies this transaction.  For the first
occurrence of the segment, the sequence number shall be one, for the second
occurrence, the sequence number shall be two, etc.

Used in Message Segment:  SIU PV1

---

```
PV1.10       HL7        Hospital Service                 3      ID
             MT         Hospital Service                 3      AN
```

**MEDITECH description**

This field contains the treatment or type of surgery that the patient is
scheduled to receive; defined as the Service in Admissions.  It is a required

field with trigger events A01 (admit/visit notification), A02 (transfer a patient). The values that populate this field are built in the Registration Service dictionary in MIS.

**MEDITECH element/value**

DPM Information:

ADM.PAT.service

Used in Message Segment:  [SIU PV1](#)

---

| PV1.14 | HL7 | Admit Source | 6 | IS |
|--------|-----|--------------|---|-----|
|        | MT  | Admit Source | 6 | AN |

**MEDITECH description**

This field indicates where the patient was admitted. This is defined as the Admit Source in Admissions. The values for this field are built in the Admission Source dictionary in MIS.

**MEDITECH element/value**

DPM Information:

ADM.PAT.admit.source

Used in Message Segment:  [SIU PV1](#)

---

| PV1.17 | HL7 | Admitting Provider | 60 | CN |
|--------|-----|--------------------|-----|-----|
|        | MT  | Admitting Provider | 60 | SN |

**MEDITECH description**

"This field contains the admitting physician information as defined in Admissions. The components of this field are populated by the MIS Person dictionary.

Component 1  - Provider Mnemonic

**MEDITECH element/value**

DPM Information:

ADM.PAT.admit.doctor

Used in Message Segment:  [SIU PV1](#)

---

| PV1.18 | HL7 | Patient Type | 2 | ID |
|--------|-----|--------------|---|-----|
|        | MT  | Patient Type | 3 | AN |

**MEDITECH description**

This field contains the Patient's Account Type as defined in Admissions.
Possible values are:

CLI - Clinical Outpatient
ER  - Emergency Room Patient
IN  - Inpatient
INO - Observation Patient
RCR - Recurring Outpatient
REF - Referred Outpatient
SDC - Surgical Day Care Patient


Used in Message Segment:   SIU PV1

---

| PV1.2 | HL7 | Patient Status | 1 | CX |
| | MT | Patient Status | 1 | SN |

**MEDITECH description**

PV1|2 can be populated with the following values:

"P", used for "PRE" patients
"I", used for inpatients
"E", used for ER patients
"O", used for outpatients

The field can also be left blank, which appears to happen if the patient is an "SCH" patient.

Used in Message Segment:   SIU PV1

---

| PV1.20 | HL7 | Financial Class | 11 | ID |
| | MT | Financial Class | 11 | AN |

**MEDITECH description**

This is the Patient's Financial Class as defined as Fin Class in Admissions.
The values for this field are defined in the Financial Class dictionary in MIS.

**MEDITECH element/value**

DPM Information:

ADM.PAT.financial.class

Used in Message Segment:   SIU PV1

---

| PV1.3 | HL7 | Assigned Patient Location | 80 | PL |
| | MT | Assigned Patient Location | 80 | AN |

**MEDITECH description**

This field contains the patient s assigned location as defined in Admissions.

Component 1 - Location
Component 2 - Room

Component 3 - Bed

Component 1 values are defined values in the Location dictionary in MIS.  These
are typically hospital wards or floors. Components 2 and 3 are defined in the
Room dictionary in MIS.

**MEDITECH element/value**

Component 1 - location -  ADM.PAT.location
Component 2 - room     -  ADM.PAT.room
Component 3 - bed      -  ADM.PAT.bed

Used in Message Segment:   SIU PV1

---

| **PV1.36** | **HL7** | **Discharge Disposition** | **2** | **ID** |
| | **MT** | **Discharge Disposition** | **10** | **AN** |

**MEDITECH description**

This field contains the disposition of the patient at time of discharge (i.e.,
discharged to home, expired, etc.). This is defined as the Discharge
Disposition in Admissions. The values for this field are defined in the
Discharge Disposition dictionary in MIS.

**MEDITECH element/value**

DPM Information:

ADM.PAT.discharge.disposition

Used in Message Segment:   SIU PV1

---

| **PV1.39** | **HL7** | **Servicing Facility** | **2** | **ID** |
| | **MT** | **Servicing Facility** | **10** | **AN** |

**MEDITECH description**

This field is used in a multiple facility environment to indicate the
healthcare facility with which this visit is associated. The Facility Mnemonic
is defined within the ADM Toolbox parameters.

Used in Message Segment:   SIU PV1

---

| **PV1.4** | **HL7** | **Admission Type** | **2** | **ID** |
| | **MT** | **Admission Type** | **2** | **AN** |

**MEDITECH description**

This is a Patient's "Admit Priority" as defined in Admissions.

**MEDITECH element/value**

ADM.PAT.admit.priority

Used in Message Segment: <u>SIU PV1</u>

---

**PV1.41**      **HL7**      **Patient Status**                                **2**      **ID**
               **MT**       **Patient Status**                                **3**      **AN**


**MEDITECH description**

This field contains the account status. Possible values are:

SCH - Scheduled      PRE - Preadmitted
ADM - Admitted       REG - Registered
DIS - Discharged     DEP - Departed"

Used in Message Segment: <u>SIU PV1</u>

---

**PV1.44**      **HL7**      **Admit Date/Time**                              **19**      **TS**
               **MT**       **Admit/Service Date/Time**                      **19**      **AN**


**MEDITECH description**

This field contains the admit date/time. It is to be used if the event
date/time is different than the admit date and time, i.e., a retroactive
update. This is defined as the Admit Date and Time in Admissions. Format is
YYYYMMDDHHMM


**MEDITECH element/value**

DPM Information:

ADM.PAT.admit.date
ADM.PAT.admit.time

Used in Message Segment: <u>SIU PV1</u>

---

**PV1.45**      **HL7**      **Discharge Date/Time**                          **19**      **TS**
               **MT**       **Discharge Date/Time**                          **19**      **AN**


**MEDITECH description**

This field contains the discharge date/time.  This is defined as the Discharge
Date and Time in Admissions. Format is YYYYMMDDHHMM


**MEDITECH element/value**

DPM Information:

ADM.PAT.discharge.date
ADM.PAT.discharge.time

Used in Message Segment: <u>SIU PV1</u>

---

```
PV1.6      HL7       Prior Patient Location            80      PL
           MT        Prior Patient Location            80      AN
```

**MEDITECH description**

This field contains the prior patient location if the patient is being
transferred.  This field is null if the patient is new.

The format of this field is the same as PV1|3:

Component 1 - Location
Component 2 - Room
Component 3 - Bed

Component 1 values are defined values in the Location dictionary in MIS. These
are typically hospital wards or floors. Components 2 and 3 are defined in the
Room dictionary in MIS.

Used in Message Segment:   SIU PV1

---

```
PV1.7      HL7       Attending Provider                60      CN
           MT        Attending Provider                60      AN
```

**MEDITECH description**

This field contains the attending physician information as defined in
Admissions. The components of this field are populated by the MIS Person
dictionary.

Component 1 - Provider Mnemonic
Component 2 - Last Name
Component 3 - First Name
Component 4 - Middle Initial
Component 5 - Suffix
Component 6 - Title
Component 7 - Degree

**MEDITECH element/value**

ADM.PAT.attend.er.doctor

Used in Message Segment:   SIU PV1

---

```
PV1.8      HL7       Referring Provider                60      CN
           MT        Referring Provider                60      AN
```

**MEDITECH description**

This field contains the referring physician information as defined in
Admissions. The components of this field are populated by the MIS Person
dictionary.

Component 1 - Provider Mnemonic
Component 2 - Last Name
Component 3 - First Name
Component 4 - Middle Initial
Component 5 - Suffix
```

Component 6 - Title
Component 7 - Degree

**MEDITECH element/value**

DPM Information:

ADM.PAT.refer.doctor

Used in Message Segment:  [SIU PV1](#)

---

| **RGS.1** | HL7 | **Set ID - RGS** | **4** | **SI** |
|---|---|---|---|---|
| | MT | **Set ID - RGS** | **4** | **SI** |

**MEDITECH description**

Numeric sequence to uniquely identify multiple iterations of the same segment.

Used in Message Segment:  [SIU RGS](#)

---

| **RGS.3** | HL7 | **Resource Group ID** | **250** | **CE** |
|---|---|---|---|---|
| | MT | **Resource Group ID** | **250** | **CE** |

**MEDITECH description**

A code to identify the group of resources.

**MEDITECH element/value**

SCH.APPT.res.rsrc.grp

Used in Message Segment:  [SIU RGS](#)

---

| **ROL.1** | HL7 | **Set ID** | **250** | **CE** |
|---|---|---|---|---|
| | MT | **Set ID** | **250** | **N** |

**MEDITECH description**

This field contains the number that identifies this transaction.  For the first
occurrence of the segment, the sequence number shall be one, for the second
occurrence, the sequence number shall be two, etc.

Used in Message Segment:  [SIU ROL](#)

---

| **ROL.4** | HL7 | **Role Person** | **250** | **ST** |
|---|---|---|---|---|
| | MT | **Role Person** | **250** | **AN** |

**MEDITECH description**

The role person's name as defined in the MIS Person Dictionary.  This field
will be formatted as follows:

Component 1: Mnemonic
Component 2: Last Name
Component 3: First Name
Component 4: Middle Initial
Component 5: Suffix
Component 6: Title
Component 7: Degree


**MEDITECH element/value**

Admitting:  ADM.PAT.admit.doctor
Attending:  ADM.PAT.attend.er.doctor
Consulting:  ADM.PAT.consulting.doctor
Family:  ADM.PAT.family.doctor
Primary Care:  ADM.PAT.prim.care.doctor
Other:  ADM.PAT.other.doctor
Referring:  ADM.PAT.refer.doctor

Used in Message Segment:  SIU ROL

---

| SCH.1 | HL7 | Placer Appointment ID | 75 | EI |
|-------|-----|-----------------------|-----|-----|
|       | MT  | Placer Appointment ID | 75 | EI |


**MEDITECH description**

Contains the placer's identifier for the appointment request.  As MEDITECH
Schedulin g does not have appointme nt ID's, the patients account number is
used in this field.


**MEDITECH element/value**

SCH.APPT.patient

Used in Message Segment:  SIU SCH

---

| SCH.10 | HL7 | Appointment Duration Units | 250 | CE |
|--------|-----|----------------------------|-----|-----|
|        | MT  | Appointment Duration Units | 250 | CE |


**MEDITECH description**

Duration Units.  This will be hardcoded to the value of "min".

Used in Message Segment:  SIU SCH

---

| SCH.11 | HL7 | Appointment Timing Quantity | 200 | TQ |
|--------|-----|-----------------------------|-----|-----|
|        | MT  | Appointment Timing Quantity | 200 | TQ |


**MEDITECH description**

The Date and Time for the scheduled appointment.  Format: YYYYMMDDHHmm


**MEDITECH element/value**

SCH.APPT.date

concatenated with

SCH.APPT.time

Used in Message Segment:  SIU SCH

---

| SCH.2 | HL7 | Filler Appointment ID | 75 | EI |
|-------|-----|----------------------|-----|-----|
|       | MT  | Filler Appointment ID | 75 | EI |

**MEDITECH description**

Contains the MEDITECH Appointment URN.  This number uniquely identifies the
appointment, but is internal to the MEDITECH system and does not have
meaning within the Scheduling application.

**MEDITECH element/value**

SCH.APPT.urn

Used in Message Segment:  SIU SCH

---

| SCH.25 | HL7 | Filler Status Code | 250 | CE |
|--------|-----|-------------------|------|-----|
|        | MT  | Filler Status Code | 250 | CE |

**HL7 standard description**

This field contains a code describing the status of the appointment with
respect to the filler application.

Refer to User-defined Table 0278 - Filler status codes for suggested codes.
User-defined Table 0278 - Filler status codes

Value - Description
-------------------
Pending - Appointment has not yet been confirmed

Waitlist - Appointment has been placed on a waiting list for a particular slot,
           or set of slots

Booked - The indicated appointment is booked

Started - The indicated appointment has begun and is currently in progress
          Complete The indicated appointment has completed normally (was not
          discontinued, canceled, or deleted)

Cancelled - The indicated appointment was stopped from occurring (canceled
            prior to starting)
Dc - The indicated appointment was discontinued (DC'ed while in progress,
     discontinued parent appointment, or discontinued child appointment)
Deleted -  The indicated appointment was deleted from the filler application
Blocked -  The indicated time slot(s) is(are) blocked
Overbook - The appointment has been confirmed; however it is confirmed in an
           overbooked state

**MEDITECH description**

Possible Values:

BOOKED
ATTENDED
NO SHOW
CANCELLED
PENDING

**MEDITECH element/value**

SCH.APPT.event.type

Used in Message Segment:   SIU SCH

---

| **SCH.5** | **HL7** | **Schedule ID** | **250** | **CE** |
|-----------|---------|-----------------|---------|--------|
|           | **MT**  | **Schedule ID** | **250** | **CE** |

**HL7 standard description**

This field contains an identifier code for the schedule in which this
appointment is (or will be) booked.  This field is provided for instances in
which filler applications maintain multiple schedules, and when a particular
resource or set of resources is controlled by more than one of those schedules.
This field is provided on the SCH segment for informational purposes to
applications fulfilling the placer, querying and auxiliary roles.

**MEDITECH description**

MEDITECH will send the Scheduled Procedure in the format of
mnemonic^description.

Used in Message Segment:   SIU SCH

---

| **SCH.6** | **HL7** | **Event Reason** | **250** | **CE** |
|-----------|---------|------------------|---------|--------|
|           | **MT**  | **Event Reason** | **250** | **CE** |

**MEDITECH description**

The code that identifies the reason for a particular triggering event.

**MEDITECH element/value**

SCH.APPT.event.type

Used in Message Segment:   SIU SCH

---

| **SCH.8** | **HL7** | **Appointment Type** | **250** | **CE** |
|-----------|---------|----------------------|---------|--------|
|           | **MT**  | **Appointment Type** | **250** | **CE** |

**MEDITECH description**

Scheduling Appointment Type Mnemonic

**MEDITECH element/value**

SCH.APPT.type

Used in Message Segment: [SIU SCH](#)

---

**SCH.9**     **HL7**     **Appointment Duration**     **20**     **NM**
            **MT**      **Appointment Duration**     **20**     **NM**

**MEDITECH description**

Allotted time for the appointment.  MEDITECH's value will be the number of
minutes allotted.  The interval of time shall be 5 minutes.

**MEDITECH element/value**

SCH.APPT.duration

Used in Message Segment: [SIU SCH](#)