**Conformance Statement – SRM S03**

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# Introduction

## Purpose

The purpose of this document is to facilitate the communication of scheduling requests and information between applications by providing guidelines for the Schedule Request Message (SRM S03) message type.

## Target Group

This document is intended for external suppliers and system administrators at VGR.

## References

For details on the message segments and trigger events – review the HL7 Messaging Standard Version 2.6 Product Brief:

* Chapter 2 (Control)
* Chapter 3 (Patient Administration)
* Chapter 10 (Scheduling)

And VGR specific segment statements:

* Conformance Statement – PID Segment.docx

## Message Profile

– HL7 Version: 2.6

– Profile Type: Constrainable

## Revision history

|  |  |  |  |
| --- | --- | --- | --- |
| Revision | Datum | Beskrivning | Utfärdare |
| PA1 | 2017-02-02 | Initial version | Robin Seybold |

# SRM S03

VGR supports the following SRM trigger events:

• SRM^S03 - "Request appointment modification"

The following message structure is applied to the supported trigger event.

MSH Message Header   
 ARQ Appointment Request Information   
[{ NTE }] Notes and Comments for the ARQ

[{ --- PATIENT begin  
 PID Patient Identification  
 [ PV1 ] Patient Visit  
 [ ZPV ] Additional Patient Visit Information

}] --- PATIENT end

{ --- RESOURCES begin

RGS Resource Group Segment

} --- RESOURCES end

## MSH – Message Header

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

Usage: Required  
Cardinality: 1..1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Seq. | Name | Type | Table | Len | Opt | Card | Contents |
| 1 | Field Separator | ST |  | 1 | R | 1..1 | e.g. | |
| 2 | Encoding Characters | ST |  | 4 | R | 1..1 | e.g. ^~\& |
| 3 | Sending Application | HD | 0361 | 227 | R | 1..1 |  |
| 3.1 | namespace ID | IS |  | 50 | R | .. | HSA-ID |
| 4 | Sending Facility | HD | 0362 | 227 | O | 0..1 |  |
| 4.1 | namespace ID | IS |  | 50 | O | .. | HSA-ID |
| 5 | Receiving Application | HD | 0361 | 227 | O | 0..1 |  |
| 5.1 | namespace ID | IS |  | 50 | O | .. | HSA-ID |
| 6 | Receiving Facility | HD | 0362 | 227 | O | 0..1 |  |
| 6.1 | namespace ID | IS |  | 50 | O | .. | HSA-ID |
| 7 | Date/Time Of Message | DTM |  | 24 | R | 1..1 | e.g. 200511250945 |
| 9 | Message Type | CM\_MSG | 0076 | 15 | R | 1..1 |  |
| 9.1 | message type | ID | 0076 | 3 | R | .. | e.g. SRM |
| 9.2 | trigger event | ID | 0003 | 3 | R | .. | e.g. S03 |
| 9.3 | message structure | ID | 0354 | 7 | O | .. | e.g. SRM\_S03 |
| 10 | Message Control ID | ST |  | 20 | R | 1..1 | e.g. 0000001 |
| 11 | Processing ID | PT |  | 3 | R | 1..1 |  |
| 11.1 | processing ID | ID | 0103 | 3 | R | .. | e.g. P |
| 12 | Version ID | VID | 0104 | 973 | R | 1..1 |  |
| 12.1 | version ID | ID | 0104 | 60 | R | .. | e.g. 2.6 |
| 18 | Character Set | ID | 0211 | 16 | O | 0..\* | e.g. UNICODE UTF-8 |

**1. Field Separator**  
This field contains the separator between the segment ID and the first real field, MSH-2- encoding characters. As such it serves as the separator and defines the character to be used as a separator for the rest of the message. Recommended value and used by VGR is |, (ASCII 124).

**2. Encoding Characters**This field contains the four characters in the following order: the component separator, repetition separator, escape character, and subcomponent separator. Recommended values and used by VGR are ^~\&, (ASCII 94, 126, 92, and 38).

**3. Sending Application**This field uniquely identifies the sending application among all other applications within the network enterprise. The network enterprise consists of all those applications that participate in the exchange of HL7 messages within the enterprise. Entirely site-defined and a parameter for VGR.

**4. Sending Facility**This field uniquely identifies the sending facility among all other applications within the network enterprise. The network enterprise consists of all those applications that participate in the exchange of HL7 messages within the enterprise. Entirely site-defined and a parameter for VGR.

**5. Receiving Application**This field uniquely identifies the receiving application among all other applications within the network enterprise. The network enterprise consists of all those applications that participate in the exchange of HL7 messages within the enterprise. Entirely site-defined and a parameter for VGR.

**6. Receiving Facility**This field uniquely identifies the receiving facility among all other applications within the network enterprise. The network enterprise consists of all those applications that participate in the exchange of HL7 messages within the enterprise. Entirely site-defined and a parameter for VGR.

**7. Date/Time Of Message**This field contains the date/time that the sending system created the message. If the time zone is specified, it is expected to be the local time zone.

**9. Message Type**Should be SRM^S03^SRM\_S03

**10. Message Control ID**This field contains a number or other identifier that uniquely identifies the message. The receiving system echoes this ID back to the sending system in the Message acknowledgment segment (MSA).

**11.1. processing ID**Should be P for Production, T for Test

**12.1. version ID**Should be 2.6

**18. Character Set**Should be UNICODE UTF-8

## ARQ – Appointment Request Information

The ARQ segment contains general information about the scheduled appointment.

Usage: Required  
Cardinality: 1..1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Seq. | Name | Type | Table | Len. | Opt | Card | Contents |
| 1 | Placer Appointment ID | EI |  | 75 | R | 1..1 |  |
| 2 | Filler Appointment ID | EI |  | 75 | R | 1..1 |  |
| 4 | Placer Group Number | EI |  | 22 | R | 1..1 |  |
| 6 | Request Event Reason | CE |  | 250 | R | 1..1 |  |
| 15 | Placer Contact Person | XCN |  | 250 | R | 1..\* |  |
| 20 | Entered By Person | XCN |  | 250 | R | 1..\* |  |

**1. Placer Appointment ID**  
This field contains the placer application’s permanent identifier for the appointment request (and the scheduled appointment itself, when it has been confirmed as a booked slot by the filler application). This is a composite field.

**2. Filler Appointment ID**  
This field contains the filler application’s permanent identifier for the appointment request (and the scheduled appointment itself, when it has been confirmed as a booked slot by the filler application). This is a composite field.

**4. Placer Group Number**  
The placer application needs to provide a group number for the filler application as an anonymous reference to the appointment. A number of appointments may share the number based on a logic grouping, e.g. all appointments for one patient during the course of one day.

**6. Request Event Reason**  
This field contains an identifier code for the reason that the request was sent. This field may contain a code describing the cancel reason, the delete reason, the discontinue reason, the add reason, the block reason or any other code describing the reason that a specific request will be sent.

**15. Placer Contact Person**  
This field identifies the person responsible for requesting the scheduling of a requested appointment.

**20. Entered By Person**  
This field identifies the person responsible for entering the request for the scheduling of an appointment. It is included to provide an audit trail of persons responsible for the request.

## NTE – Notes and Comments

The NTE segment is defined here for inclusion in messages defined in other chapters. It is commonly used for sending notes and comments.

Usage: Optional   
Cardinality: 0..\*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Seq. | Name | Type | Table | Len. | Opt | Card | Contents |
| 1 | Set ID - NTE | SI |  | 4 | O | 0..1 | e.g. 001 |
| 3 | Comment | FT |  | 65536 | O | 0..\* |  |
| 4 | Comment Type | CWE | 0364 | 250 | O | 0..1 | e.g. 1R |

**1. Set ID**  
This field may be used where multiple NTE segments are included in a message. Their numbering must be described in the application message definition.

**3. Comment**  
This field contains the comment contained in the segment.

**4. Comment Type**  
This field contains a value to identify the type of comment text being sent in the specific comment record.

User-defined Table 0364 - Comment type

|  |  |  |
| --- | --- | --- |
| Value | Description | Comment |
| PI | Patient Instructions | Comments related to the booking that are of importance to the patient. E.g. wayfinding instructions |
| 1R | Primary Reason | A brief summary of the reason for creating the appointment |
| RE | Remark | A general comment about the appointment |

## PATIENT Segment Group

Usage: Optional   
Cardinality: 0..\*

### PID – Patient Identification

For details on how to define the PID Segment, refer to the Conformance Statement – PID Segment.docx document.

Usage: Required   
Cardinality: 1..1

### PV1 – Patient Visit

The PV1 segment is used by Registration/Patient Administration applications to communicate information on an account or visit-specific basis.

Usage: Optional   
Cardinality: 0..1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Seq. | Name | Type | Table | Len. | Opt | Card | Contents |
| 2 | Patient Class | IS | 0004 | 1 | R | 1..1 |  |
| 3 | Assigned Patient Location | PL |  | 80 | O | 0..1 |  |
| 11 | Temporary Location | PL |  | 80 | O | 0..1 |  |
| 47 | Total Charges | NM |  | 12 | O | 0..1 |  |

**2. Patient Class**  
This field is used by systems to categorize patients by site. Refer to User-defined Table 0004 – Patient Class for suggested values.

User-defined Table 0004 – Patient Class

|  |  |  |
| --- | --- | --- |
| Value | Description | Comment |
| E | Emergency |  |
| I | Inpatient |  |
| O | Outpatient |  |
| P | Preadmit |  |
| R | Recurring patient |  |
| B | Obstetrics |  |
| C | Commercial Account |  |
| N | Not Applicable |  |
| U | Unknown |  |

**3. Assigned Patient Location**  
This field contains the patient's initial assigned location or the location to which the patient is being moved.

**11. Temporary Location**  
This field contains a location other than the assigned location required for a temporary period of time. Used as current patient location when setting wayfinding instructions.

**47. Total Charges**  
This field contains the total visit charges.

### ZPV – Additional Patient Visit Information

The ZPV segment has been added to support additional information connected to the patient visit at VGR.

Usage: Optional   
Cardinality: 0..1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Seq. | Name | Type | Table | Len. | Opt | Card | Contents |
| 1 | Self Service Code | ST |  | 10 | O | 0..1 |  |
| 2 | Self Service Enabled | NM |  | 1 | O | 0..1 | e.g. 1 |
| 3 | Cost Center | CX |  | 5 | O | 0..1 | e.g. 22730 |

## RESOURCES Segment Group

The RGS segment is used to identify relationships between resources identified for a scheduled event. This segment can be used, on a site specified basis, to identify groups of resources that are used together within a scheduled event, or to describe some other relationship between resources.

Usage: Required  
Cardinality: 1..\*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Seq. | Name | Type | Table | Len. | Opt | Card | Contents |
| 1 | Set ID - RGS | SI |  | 4 | R | 1..1 | e.g. 001 |
| 2 | Segment Action Code | ID | 0206 | 3 | R | 1..1 | e.g. X |

**1. Set ID - RGS**   
This field contains a number that uniquely identifies the information represented by this segment in this transaction for the purposes of addition, change or deletion.

**2. Segment Action Code**  
This field contains the action to be taken when updating or modifying information in this segment from previously sent interface transactions.