

### MSH : Message Header

| Location | Data Element                    | Data                           | Categorization               |
|----------|---------------------------------|--------------------------------|------------------------------|
| MSH-1    | Field Separator                 |                                | Value-Profile Fixed          |
| MSH-2    | Encoding Characters             | ^~\&                           | Value-Profile Fixed          |
| MSH-3    | Sending Application             |                                |                              |
| MSH-3.1  | Namespace ID                    | NISTIISAPP                     | Presence-Configuration       |
| MSH-3.2  | Universal ID                    |                                | Indifferent                  |
| MSH-3.3  | Universal ID Type               |                                | Indifferent                  |
| MSH-4    | Sending Facility                |                                |                              |
| MSH-4.1  | Namespace ID                    | NISTIISFAC                     | Presence-Configuration       |
| MSH-4.2  | Universal ID                    |                                | Indifferent                  |
| MSH-4.3  | Universal ID Type               |                                | Indifferent                  |
| MSH-5    | Receiving Application           |                                |                              |
| MSH-5.1  | Namespace ID                    | NISTEHRAPP                     | Presence-Configuration       |
| MSH-5.2  | Universal ID                    |                                | Indifferent                  |
| MSH-5.3  | Universal ID Type               |                                | Indifferent                  |
| MSH-6    | Receiving Facility              |                                |                              |
| MSH-6.1  | Namespace ID                    | NISTEHRFAC                     | Presence-Configuration       |
| MSH-6.2  | Universal ID                    |                                | Indifferent                  |
| MSH-6.3  | Universal ID Type               |                                | Indifferent                  |
| MSH-7    | Date/Time Of Message            |                                |                              |
| MSH-7.1  | Time                            | 20150624093847.806-0500        | Presence-System Generated    |
| MSH-9    | Message Type                    |                                |                              |
| MSH-9.1  | Message Code                    | ACK                            | Value-Profile Fixed          |
| MSH-9.2  | Trigger Event                   | V04                            | Value-Profile Fixed          |
| MSH-9.3  | Message Structure               | ACK                            | Value-Profile Fixed          |
| MSH-10   | Message Control ID              | NIST-IZ-AD-3.2_Receive_ACK_Z23 | Presence-System Generated    |
| MSH-11   | Processing ID                   |                                |                              |
| MSH-11.1 | Processing ID                   | P                              | Presence-Content Indifferent |
| MSH-12   | Version ID                      |                                |                              |
| MSH-12.1 | Version ID                      | 2.5.1                          | Value-Profile Fixed          |
| MSH-15   | Accept Acknowledgment Type      | NE                             | Value-Profile Fixed          |
| MSH-16   | Application Acknowledgment Type | NE                             | Value-Profile Fixed          |
| MSH-21   | Message Profile                 |                                |                              |

|            |                                    |            |                        |
|------------|------------------------------------|------------|------------------------|
|            | Identifier                         |            |                        |
| MSH-21.1   | Entity Identifier                  | Z23        | Value-Profile Fixed    |
| MSH-21.2   | Namespace ID                       | CDCPHINVS  | Value-Profile Fixed    |
| MSH-21.3   | Universal ID                       |            | Indifferent            |
| MSH-21.4   | Universal ID Type                  |            | Indifferent            |
| MSH-22     | Sending Responsible Organization   |            |                        |
| MSH-22.1   | Organization Name                  | NISTEHRFAC | Presence-Configuration |
| MSH-22.6   | Assigning Authority                |            |                        |
| MSH-22.6.1 | Namespace ID                       |            | Presence-Configuration |
| MSH-22.6.2 | Universal ID                       |            | Indifferent            |
| MSH-22.6.3 | Universal ID Type                  |            | Indifferent            |
| MSH-22.7   | Identifier Type Code               |            | Indifferent            |
| MSH-22.10  | Organization Identifier            |            | Indifferent            |
| MSH-23     | Receiving Responsible Organization |            |                        |
| MSH-23.1   | Organization Name                  | NISTIISFAC | Presence-Configuration |
| MSH-23.6   | Assigning Authority                |            |                        |
| MSH-23.6.1 | Namespace ID                       |            | Presence-Configuration |
| MSH-23.6.2 | Universal ID                       |            | Indifferent            |
| MSH-23.6.3 | Universal ID Type                  |            | Indifferent            |
| MSH-23.7   | Identifier Type Code               |            | Indifferent            |
| MSH-23.10  | Organization Identifier            |            | Indifferent            |

### MSA : Message Acknowledgment

| Location | Data Element        | Data                        | Categorization |
|----------|---------------------|-----------------------------|----------------|
| MSA-1    | Acknowledgment Code | AA                          |                |
| MSA-2    | Message Control ID  | NIST-IZ-AD-3.1_Send_V04_Z22 |                |