

# **NIST HL7 V2 Validation Tool Test Data**

## **Electronic Directory Of Service (eDOS)**

**Version 1.0**

**27th May, 2015**

# **eDOS Test Case EDOS\_2.3\_1.1-M08\_NG**

**M08\_Update\_reactivate**

## Message Content Data Sheet

### Test Case Information

| EDOS_2.3_1.1-M08-NG - M08_Update_reactivate |                     |
|---------------------------------------------|---------------------|
| Test Case ID                                | EDOS_2.3_1.1-M08_NG |

### MSH :

| Location    | Data Element                    | Data                   | Categorization       |
|-------------|---------------------------------|------------------------|----------------------|
| MSH.1       | Field Separator                 |                        | IG Fixed Data        |
| MSH.2       | Encoding Characters             | ^~\&#                  | IG Fixed Data        |
| MSH.3       | Sending Application             |                        |                      |
| MSH.3.1     | Namespace ID                    | NIST Test Lab APP      | Configurable Data    |
| MSH.4       | Sending Facility                |                        |                      |
| MSH.4.1     | Namespace ID                    | NIST Lab Facility      | Configurable Data    |
| MSH.6       | Receiving Facility              |                        |                      |
| MSH.6.1     | Namespace ID                    | NIST EHR Facility      | Configurable Data    |
| MSH.7       | Date/Time Of Message            |                        |                      |
| MSH.7.1     | Time                            | 20130421113601-0700    | System Generated     |
| MSH.9       | Message Type                    |                        |                      |
| MSH.9.1     | Message Code                    | MFN                    | IG Fixed Data        |
| MSH.9.2     | Trigger Event                   | M08                    | IG Fixed Data        |
| MSH.9.3     | Message Structure               | MFN_M08                | IG Fixed Data        |
| MSH.10      | Message Control ID              | EDOS_2.3_1.1-M08-NG    | System Generated     |
| MSH.11      | Processing ID                   |                        |                      |
| MSH.11.1    | Processing ID                   | T                      | Changeable Data      |
| MSH.12      | VersionID                       |                        |                      |
| MSH.12.1    | Version ID                      | 2.5.1                  | IG Fixed Data        |
| MSH.15      | Accept Acknowledgment Type      | AL                     | Changeable Data      |
| MSH.16      | Application Acknowledgment Type | NE                     | Changeable Data      |
| MSH.21[1]   | Message Profile Identifier      |                        |                      |
| MSH.21[1].1 | Entity Identifier               | EDOS_Common_Component  | Test Case Fixed Data |
| MSH.21[1].2 | Namespace ID                    | EDOS Base Profile      | Changeable Data      |
| MSH.21[1].3 | Universal ID                    | 2.16.840.1.113883.9.67 | Test Case Fixed Data |
| MSH.21[1].4 | Universal ID Type               | ISO                    | IG Fixed Data        |

|                  |                                   |                        |                      |
|------------------|-----------------------------------|------------------------|----------------------|
| <b>MSH.21[2]</b> | <b>Message Profile Identifier</b> |                        |                      |
| MSH.21[2].1      | Entity Identifier                 | EDOS_NG_Component      | Test Case Fixed Data |
| MSH.21[2].2      | Namespace ID                      | EDOS NG Profile        | Changeable Data      |
| MSH.21[2].3      | Universal ID                      | 2.16.840.1.113883.9.69 | Test Case Fixed Data |
| MSH.21[2].4      | Universal ID Type                 | ISO                    | IG Fixed Data        |

MFI :

| Location     | Data Element                  | Data                              | Categorization       |
|--------------|-------------------------------|-----------------------------------|----------------------|
| <b>MFI.1</b> | <b>Master File Identifier</b> |                                   |                      |
| MFI.1.1      | Identifier                    | OMA                               | IG Fixed Data        |
| MFI.1.2      | Text                          | Numerical observation master file | Changeable Data      |
| MFI.1.3      | Name of Coding System         | HL70175                           | IG Fixed Data        |
| MFI.1.7      | Coding System Version ID      | 2.5.1                             | Test Case Fixed Data |
| <b>MFI.3</b> | <b>File-Level Event Code</b>  | UPD                               | Test Case Fixed Data |
| <b>MFI.6</b> | <b>Response Level Code</b>    | NE                                | IG Fixed Data        |

MFE :

| Location     | Data Element                   | Data                           | Categorization       |
|--------------|--------------------------------|--------------------------------|----------------------|
| <b>MFE.1</b> | <b>Record-Level Event Code</b> | MAC                            | Test Case Fixed Data |
| <b>MFE.3</b> | <b>Effective Date/Time</b>     |                                |                      |
| MFE.3.1      | Time                           | 20131219145310                 | System Generated     |
| <b>MFE.4</b> | <b>Primary Key Value - MFE</b> |                                |                      |
| MFE.4.1      | Identifier                     | 500                            | Changeable Data      |
| MFE.4.2      | Text                           | Erythrocyte sedimentation rate | Changeable Data      |
| MFE.4.3      | Name of Coding System          | 99USI                          | Changeable Data      |
| MFE.4.7      | Coding System Version ID       | 20130421                       | Changeable Data      |
| <b>MFE.5</b> | <b>Primary Key Value Type</b>  | CWE                            | IG Fixed Data        |

OM1 :

| Location     | Data Element                                          | Data | Categorization |
|--------------|-------------------------------------------------------|------|----------------|
| <b>OM1.1</b> | <b>Sequence Number - Test/Observation Master File</b> | 1    | IG Fixed Data  |
| <b>OM1.2</b> | <b>Producer's Service/Test/Observation ID</b>         |      |                |

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|                  |                                                               |                                                                                            |                      |
|------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------|
| OM1.2.1          | Identifier                                                    | 500                                                                                        | Changeable Data      |
| OM1.2.2          | Text                                                          | Erythrocyte sedimentation rate                                                             | Changeable Data      |
| OM1.2.3          | Name of Coding System                                         | 99USI                                                                                      | Changeable Data      |
| OM1.2.7          | Coding System Version ID                                      | 20130421                                                                                   | Changeable Data      |
| <b>OM1.4</b>     | <b>Specimen Required</b>                                      | Y                                                                                          | Changeable Data      |
| <b>OM1.5</b>     | <b>Producer ID</b>                                            |                                                                                            |                      |
| OM1.5.1          | Identifier                                                    | 05D0669071                                                                                 | Changeable Data      |
| OM1.5.2          | Text                                                          | Century Hospital Clinical Laboratory                                                       | Changeable Data      |
| OM1.5.3          | Name of Coding System                                         | 99USI                                                                                      | Changeable Data      |
| OM1.5.7          | Coding System Version ID                                      | 2013                                                                                       | Changeable Data      |
| <b>OM1.7</b>     | <b>Other Service/Test/Observation IDs for the Observation</b> |                                                                                            |                      |
| OM1.7.1          | Identifier                                                    | 30341-2                                                                                    | Test Case Fixed Data |
| OM1.7.2          | Text                                                          | Erythrocyte sedimentation rate                                                             | Changeable Data      |
| OM1.7.3          | Name of Coding System                                         | LN                                                                                         | Test Case Fixed Data |
| OM1.7.7          | Coding System Version ID                                      | 2.42                                                                                       | Changeable Data      |
| <b>OM1.9</b>     | <b>Preferred Report Name for the Observation</b>              | Erythrocyte sedimentation rate                                                             | Changeable Data      |
| <b>OM1.12</b>    | <b>Orderability</b>                                           | Y                                                                                          | Test Case Fixed Data |
| <b>OM1.18</b>    | <b>Nature of Service/Test/Observation</b>                     | A                                                                                          | IG Fixed Data        |
| <b>OM1.32[1]</b> | <b>Interpretation of Observations</b>                         | The erythrocyte sedimentation rate is a nonspecific measure of inflammatory disease.       | Changeable Data      |
| <b>OM1.39</b>    | <b>Factors that may Affect the Observation</b>                | Insufficient blood, Clotting, Hemolysis, Blood specimen received > 12 hours of collection. | Changeable Data      |
| <b>OM1.40[1]</b> | <b>Service/Test/Observation Performance Schedule</b>          | Daily                                                                                      | Changeable Data      |
| <b>OM1.48</b>    | <b>Exclusive Test</b>                                         | N                                                                                          | Changeable Data      |
| <b>OM1.49</b>    | <b>Diagnostic Service Sector ID</b>                           | LAB                                                                                        | Changeable Data      |
| <b>OM1.51[1]</b> | <b>Other Names</b>                                            | Westergren                                                                                 | Changeable Data      |
| <b>OM1.51[2]</b> | <b>Other Names</b>                                            | Sed Rate                                                                                   | Changeable Data      |
| <b>OM1.54[1]</b> | <b>Special Instructions</b>                                   | None                                                                                       | Changeable Data      |
| <b>OM1.54[2]</b> | <b>Special Instructions</b>                                   | None                                                                                       | Changeable Data      |
| <b>OM1.55[1]</b> | <b>Test Relationship Category</b>                             |                                                                                            |                      |
| OM1.55[1].1      | Identifier                                                    | CP                                                                                         | Changeable Data      |
| OM1.55[1].2      | Text                                                          | Clinical Pathology                                                                         | Changeable Data      |
| OM1.55[1].3      | Name of Coding System                                         | 99USI                                                                                      | Changeable Data      |
| OM1.55[1].7      | Coding System Version ID                                      | 41863                                                                                      | Changeable Data      |

| OM1.56[1]     | Observation Identifier associated with Producer's Service/Test/Observation ID |                                |                      |
|---------------|-------------------------------------------------------------------------------|--------------------------------|----------------------|
| OM1.56[1].1   | Identifier                                                                    | 30341-2                        | Changeable Data      |
| OM1.56[1].2   | Text                                                                          | Erythrocyte sedimentation rate | Changeable Data      |
| OM1.56[1].3   | Name of Coding System                                                         | LN                             | Test Case Fixed Data |
| OM1.56[1].4   | Alternate Identifier                                                          | 500                            | Changeable Data      |
| OM1.56[1].5   | Alternate Text                                                                | Erythrocyte sedimentation rate | Changeable Data      |
| OM1.56[1].6   | Name of Alternate Coding System                                               | 99USI                          | Changeable Data      |
| OM1.56[1].7   | Coding System Version ID                                                      | 2.48                           | Changeable Data      |
| OM1.56[1].8   | Alternate Coding System Version ID                                            | 20130421                       | Changeable Data      |
| OM1.56[1].9   | Original Text                                                                 | Erythrocyte sedimentation rate | Changeable Data      |
| OM1.57[1]     | Expected Turn-Around Time                                                     |                                |                      |
| OM1.57[1].1   | Quantity                                                                      | 1                              | Changeable Data      |
| OM1.57[1].2   | Units                                                                         |                                |                      |
| OM1.57[1].2.1 | Identifier                                                                    | d                              | Changeable Data      |
| OM1.57[1].2.2 | Text                                                                          | day                            | Changeable Data      |
| OM1.57[1].2.3 | Name of Coding System                                                         | UCUM                           | Changeable Data      |
| OM1.57[1].2.7 | Coding System Version ID                                                      | 1.8                            | Changeable Data      |

OM4 :

| Location   | Data Element                                   | Data                     | Categorization       |
|------------|------------------------------------------------|--------------------------|----------------------|
| OM4.1      | Sequence Number - Test/Observation Master File | 1.1                      | IG Fixed Data        |
| OM4.3[1]   | Container Description                          | Black Top Tube (Vac-Tec) | Changeable Data      |
| OM4.4[1]   | Container Volume                               | 3.0                      | Changeable Data      |
| OM4.5[1]   | Container Units                                |                          |                      |
| OM4.5[1].1 | Identifier                                     | mL                       | Changeable Data      |
| OM4.5[1].2 | Text                                           | milliliters              | Changeable Data      |
| OM4.5[1].3 | Name of Coding System                          | UCUM                     | Changeable Data      |
| OM4.5[1].7 | Coding System Version ID                       | 1.8                      | Changeable Data      |
| OM4.6      | Specimen                                       |                          |                      |
| OM4.6.1    | Identifier                                     | 119297000                | Test Case Fixed Data |
| OM4.6.2    | Text                                           | Blood sample             | Changeable Data      |
| OM4.6.3    | Name of Coding System                          | SCT                      | Test Case Fixed Data |
| OM4.6.4    | Alternate Identifier                           | WBLD                     | Changeable Data      |
| OM4.6.5    | Alternate Text                                 | Whole blood              | Changeable Data      |

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|                  |                                    |                                                                   |                      |
|------------------|------------------------------------|-------------------------------------------------------------------|----------------------|
| OM4.6.6          | Name of Alternate Coding System    | 99USI                                                             | Changeable Data      |
| OM4.6.7          | Coding System Version ID           | 20130131                                                          | Changeable Data      |
| OM4.6.8          | Alternate Coding System Version ID | 2014                                                              | Changeable Data      |
| OM4.6.9          | Original Text                      | Whole blood                                                       | Changeable Data      |
| <b>OM4.7</b>     | <b>Additive</b>                    |                                                                   |                      |
| OM4.7.1          | Identifier                         | WEST                                                              | Changeable Data      |
| OM4.7.2          | Text                               | Buffered Citrate (Westergren Sedimentation Rate)                  | Changeable Data      |
| OM4.7.3          | Name of Coding System              | HL70371                                                           | Changeable Data      |
| OM4.7.7          | Coding System Version ID           | 2.5.1                                                             | Changeable Data      |
| <b>OM4.10</b>    | <b>Normal Collection Volume</b>    |                                                                   |                      |
| OM4.10.1         | Quantity                           | 2.4                                                               | Changeable Data      |
| OM4.10.2         | Units                              |                                                                   |                      |
| OM4.10.2.1       | Identifier                         | mL                                                                | Changeable Data      |
| OM4.10.2.2       | Text                               | milliliters                                                       | Changeable Data      |
| OM4.10.2.3       | Name of Coding System              | UCUM                                                              | IG Fixed Data        |
| OM4.10.2.7       | Coding System Version ID           | 1.8                                                               | Changeable Data      |
| <b>OM4.11</b>    | <b>Minimum Collection Volume</b>   |                                                                   |                      |
| OM4.11.1         | Quantity                           | 2.4                                                               | Changeable Data      |
| OM4.11.2         | Units                              |                                                                   |                      |
| OM4.11.2.1       | Identifier                         | mL                                                                | Changeable Data      |
| OM4.11.2.2       | Text                               | milliliters                                                       | Changeable Data      |
| OM4.11.2.3       | Name of Coding System              | UCUM                                                              | IG Fixed Data        |
| OM4.11.2.7       | Coding System Version ID           | 1.8                                                               | Changeable Data      |
| <b>OM4.12</b>    | <b>Specimen Requirements</b>       | Specimen must be received and tested within 4-6 hrs of Collection | Changeable Data      |
| <b>OM4.15[1]</b> | <b>Specimen Handling Code</b>      |                                                                   |                      |
| OM4.15[1].1      | Identifier                         | CREF                                                              | Changeable Data      |
| OM4.15[1].2      | Text                               | Critical refrigerated                                             | Changeable Data      |
| OM4.15[1].3      | Name of Coding System              | HL70376                                                           | IG Fixed Data        |
| OM4.15[1].7      | Coding System Version ID           | 2.5.1                                                             | Changeable Data      |
| <b>OM4.15[2]</b> | <b>Specimen Handling Code</b>      |                                                                   |                      |
| OM4.15[2].1      | Identifier                         | MTLF                                                              | Changeable Data      |
| OM4.15[2].2      | Text                               | Metal Free                                                        | Changeable Data      |
| OM4.15[2].3      | Name of Coding System              | HL70376                                                           | IG Fixed Data        |
| OM4.15[2].7      | Coding System Version ID           | 2.5.1                                                             | Changeable Data      |
| <b>OM4.16</b>    | <b>Specimen Preference</b>         | P                                                                 | Test Case Fixed Data |

OM4 :

| Location        | Data Element                                          | Data                     | Categorization       |
|-----------------|-------------------------------------------------------|--------------------------|----------------------|
| <b>OM4.1</b>    | <b>Sequence Number - Test/Observation Master File</b> | 1.2                      | IG Fixed Data        |
| <b>OM4.3[1]</b> | <b>Container Description</b>                          | Lavender Top (EDTA) tube | Changeable Data      |
| <b>OM4.4[1]</b> | <b>Container Volume</b>                               | 3.0                      | Changeable Data      |
| <b>OM4.5[1]</b> | <b>Container Units</b>                                |                          |                      |
| OM4.5[1].1      | Identifier                                            | mL                       | Changeable Data      |
| OM4.5[1].2      | Text                                                  | milliliters              | Changeable Data      |
| OM4.5[1].3      | Name of Coding System                                 | UCUM                     | Changeable Data      |
| OM4.5[1].7      | Coding System Version ID                              | 1.8                      | Changeable Data      |
| <b>OM4.6</b>    | <b>Specimen</b>                                       |                          |                      |
| OM4.6.1         | Identifier                                            | 119297000                | Test Case Fixed Data |
| OM4.6.2         | Text                                                  | Blood sample             | Changeable Data      |
| OM4.6.3         | Name of Coding System                                 | SCT                      | Test Case Fixed Data |
| OM4.6.4         | Alternate Identifier                                  | WBLD                     | Changeable Data      |
| OM4.6.5         | Alternate Text                                        | Whole blood              | Changeable Data      |
| OM4.6.6         | Name of Alternate Coding System                       | 99USI                    | Changeable Data      |
| OM4.6.7         | Coding System Version ID                              | 20130131                 | Changeable Data      |
| OM4.6.8         | Alternate Coding System Version ID                    | 2014                     | Changeable Data      |
| OM4.6.9         | Original Text                                         | Whole blood              | Changeable Data      |
| <b>OM4.7</b>    | <b>Additive</b>                                       |                          |                      |
| OM4.7.1         | Identifier                                            | EDTK                     | Changeable Data      |
| OM4.7.2         | Text                                                  | Potassium/K EDTA         | Changeable Data      |
| OM4.7.3         | Name of Coding System                                 | HL70371                  | Changeable Data      |
| OM4.7.7         | Coding System Version ID                              | 2.5.1                    | Changeable Data      |
| <b>OM4.10</b>   | <b>Normal Collection Volume</b>                       |                          |                      |
| OM4.10.1        | Quantity                                              | 2.4                      | Changeable Data      |
| OM4.10.2        | Units                                                 |                          |                      |
| OM4.10.2.1      | Identifier                                            | mL                       | Changeable Data      |
| OM4.10.2.2      | Text                                                  | milliliters              | Changeable Data      |
| OM4.10.2.3      | Name of Coding System                                 | UCUM                     | IG Fixed Data        |
| OM4.10.2.7      | Coding System Version ID                              | 1.8                      | Changeable Data      |
| <b>OM4.11</b>   | <b>Minimum Collection Volume</b>                      |                          |                      |
| OM4.11.1        | Quantity                                              | 2.4                      | Changeable Data      |
| OM4.11.2        | Units                                                 |                          |                      |
| OM4.11.2.1      | Identifier                                            | mL                       | Changeable Data      |
| OM4.11.2.2      | Text                                                  | milliliters              | Changeable Data      |
| OM4.11.2.3      | Name of Coding System                                 | UCUM                     | IG Fixed Data        |



|                  |                                              |                                                                   |                      |
|------------------|----------------------------------------------|-------------------------------------------------------------------|----------------------|
| OM4.11.2.7       | Coding System Version ID                     | 1.8                                                               | Changeable Data      |
| <b>OM4.12</b>    | <b>Specimen Requirements</b>                 | Specimen must be received and tested within 4-6 hrs of Collection | Changeable Data      |
| <b>OM4.15[1]</b> | <b>Specimen Handling Code</b>                |                                                                   |                      |
| OM4.15[1].1      | Identifier                                   | CREF                                                              | Changeable Data      |
| OM4.15[1].2      | Text                                         | Critical refrigerated                                             | Changeable Data      |
| OM4.15[1].3      | Name of Coding System                        | HL70376                                                           | IG Fixed Data        |
| OM4.15[1].7      | Coding System Version ID                     | 2.5.1                                                             | Changeable Data      |
| <b>OM4.15[2]</b> | <b>Specimen Handling Code</b>                |                                                                   |                      |
| OM4.15[2].1      | Identifier                                   | MTLF                                                              | Changeable Data      |
| OM4.15[2].2      | Text                                         | Metal Free                                                        | Changeable Data      |
| OM4.15[2].3      | Name of Coding System                        | HL70376                                                           | IG Fixed Data        |
| OM4.15[2].7      | Coding System Version ID                     | 2.5.1                                                             | Changeable Data      |
| <b>OM4.16</b>    | <b>Specimen Preference</b>                   | A                                                                 | Test Case Fixed Data |
| <b>OM4.17</b>    | <b>Preferred Specimen/Attribute Sequence</b> | 1.1                                                               | Test Case Fixed Data |

## Test Data Specification

### Master File Identification

| Element name          | Data                                                                                        |
|-----------------------|---------------------------------------------------------------------------------------------|
| File-Level Event Code | Change file records as defined in the record-level event codes for each record that follows |

### Test information [1]

### Master File Entry

| Element name            | Data                           |
|-------------------------|--------------------------------|
| Record-Level Event Code | Reactivate deactivated record  |
| Effective Date/Time     | 2013-12-19 2:53:10pm           |
| Primary Key Value - MFE | Erythrocyte sedimentation rate |

### General Segment

| Element name                                           | Data                                                                                       |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Specimen Required                                      | Yes                                                                                        |
| Producer ID                                            | Century Hospital Clinical Laboratory                                                       |
| Other Service/Test/Observation IDs for the Observation | Erythrocyte sedimentation rate                                                             |
| Preferred Report Name for the Observation              | Erythrocyte sedimentation rate                                                             |
| Orderability                                           | Yes                                                                                        |
| Nature of Service/Test/Observation                     | A                                                                                          |
| Interpretation of Observations                         | The erythrocyte sedimentation rate is a nonspecific measure of inflammatory disease.       |
| Factors that may Affect the Observation                | Insufficient blood, Clotting, Hemolysis, Blood specimen received > 12 hours of collection. |
| Service/Test/Observation Performance Schedule          | Daily                                                                                      |
| Exclusive Test                                         | This test can be included with any number of other tests                                   |
| Diagnostic Service Sector ID                           | Laboratory                                                                                 |
| Other Names                                            | Westergren                                                                                 |
| Other Names                                            | Sed Rate                                                                                   |
| Special Instructions                                   | None                                                                                       |
| Special Instructions                                   | None                                                                                       |
| Test Relationship Category Identifier                  | Clinical Pathology                                                                         |
| Observation Identifier                                 | Erythrocyte sedimentation rate                                                             |
| Expected Turn-Around Time                              | 1 day                                                                                      |

## Observations that Require Specimens

| Element name                                   | Data                                                              |
|------------------------------------------------|-------------------------------------------------------------------|
| Sequence Number - Test/Observation Master File | 1.1                                                               |
| Container Description                          | Black Top Tube (Vac-Tec)                                          |
| Container Volume                               | 3.0                                                               |
| Container Units                                | milliliters                                                       |
| Specimen                                       | Blood sample                                                      |
| Additive                                       | Buffered Citrate (Westergren Sedimentation Rate)                  |
| Normal Collection Volume                       | 2.4 milliliters                                                   |
| Minimum Collection Volume                      | 2.4 milliliters                                                   |
| Specimen Requirements                          | Specimen must be received and tested within 4-6 hrs of Collection |
| Specimen Handling Code                         | Critical refrigerated                                             |
| Specimen Handling Code                         | Metal Free                                                        |
| Specimen Preference                            | Preferred                                                         |

## Observations that Require Specimens

| Element name                                   | Data                                                              |
|------------------------------------------------|-------------------------------------------------------------------|
| Sequence Number - Test/Observation Master File | 1.2                                                               |
| Container Description                          | Lavender Top (EDTA) tube                                          |
| Container Volume                               | 3.0                                                               |
| Container Units                                | milliliters                                                       |
| Specimen                                       | Blood sample                                                      |
| Additive                                       | Potassium/K EDTA                                                  |
| Normal Collection Volume                       | 2.4 milliliters                                                   |
| Minimum Collection Volume                      | 2.4 milliliters                                                   |
| Specimen Requirements                          | Specimen must be received and tested within 4-6 hrs of Collection |
| Specimen Handling Code                         | Critical refrigerated                                             |
| Specimen Handling Code                         | Metal Free                                                        |
| Specimen Preference                            | Alternate                                                         |
| Preferred Specimen/Attribute Sequence ID       | 1.1                                                               |