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**Integrating the Healthcare Enterprise**

**IHE/MESA Test Tools Release  
Notes**

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Revision 9.10.5  
7-April-2006

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## 1 Version 9.10.5: 7-Apr-2006

### 1.1 Open Bug Reports on MESA Bug System

| Bug    | Resolution   |
|--------|--|
| 9      | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.   |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 71     | Waiting for feedback from the person who issued the report.  |
| 72     | User requested other transfer syntaxes for MESA servers.   |
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| 144    | ITI test 10133 is not implemented. This will be addressed in a later release.  |
| 147    | Display test 10143 is not implemented. This will be addressed in a later release.  |
| 153    | Need some further help from the system performing the test.  |
| 157    | NM Evidence Creator tests are not ready  |
| 160    | Order Filler test 100 is deferred  |
| 164    | No stress echo test data   |
| 170    | Waiting for feedback from issuer   |
| 181    | Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.   |
| 183    | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.  |
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| 193 |   |
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| 198 | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
| 199 |   |
| 201 |   |
| 202 |   |
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| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents. |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |
| 235 |   |
| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
| 246 | Need some additional feedback from the user.  |
| 298 | Installation of RIS Mail  |
| 299 | MESA test #281 DICOM servers need to support more SOP class   |
| 300 | Note for next year – ED – CARD 1402 – 1404  |
| 306 | Trouble with DVT 2.1 (test 283)   |
| 308 | PID Segment is HL7 v2.4 and not v.2.3.1   |
| 310 | Secure Node tests – 1221 etc. not responding to initial client  |
| 311 | MESA Scripts need better logging when they have configuration   |
| 314 | Order Filler evaluation for 132 flawed  |
| 315 | MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo  |
| 316 | cmove proposes Storage SOP Classes to Q/R SCP Service and re  |
| 323 | NAV test 12903 - something wrong with using the scheme file?  |
| 324 | NAV signature xml file can not be validated – 12903   |

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| 326 | xds_ms_doc_source test 12503 is missing. Will be added in a later cycle; will not be ready in Dec 05   |
| 328 | Typos in Image Display Consistency tests VLUT_08, VLUT_P10   |
| 329 | MESA test 103 , use different AE titles ?  |
| 330 | Modality PGP Test 106 is flawed  |
| 331 | MESA 8.8.3 , Test 111 not work's   |
| 333 | Evaluation problem, but this may be a configuration issue at the user's site.  |
| 334 | Schematron issue: need to resolve namespace issue  |
| 349 | tls handshake error  |
| 350 | eval_client_1222.pl uses last_log.txt instead of last_log.xml  |
| 351 | test 1223 not ready for IETF schema  |
| 354 | Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.  |
| 355 | Display 10146 not ready with this software release; needs to be updated and corrected; will not be completed in December, 05   |
| 356 | TAG is not respected by the syslog server - test 11101; need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data.                    |
| 357 | OF 111 Fails to send gpwl query to itself  |
| 358 | Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts. |
| 359 | IETF Audit record schema is inconsistent   |
| 360 | 20530 - double quotes needed: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.                        |
| 361 | CSR validation tool returns false negatives  |
| 362 | XDS-MS validation tool reports false negatives   |
| 366 | PD_SUPPLIER TC 11365 appears to hang   |
| 367 | Problems with the hl7_rcvr   |
| 369 | Connectathon test issue - CARD- DRPT test case   |
| 371 | Problem with ACKA28  |
| 372 | Image manager test 111 is blocked and there no eval  |
| 373 | Runtime scripts should test to make sure database is running   |
| 378 | Evaluation ADT 103: MESA expectation for PV1 data in A08 is likely flawed. Need resolution from the Radiology Technical Committee.   |
| 379 | Problem with radiology test 107<br>Referred questions back to the submitter.   |
| 381 | Test 131 PID-7 check too restrictive   |
| 382 | Tests 103: PID-10 is R2 in ADT messages  |
| 383 | mesa_xml.pm problems<br>Our JAVA runtime environment and documentation need repair.  |

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| 384 | testscript 1701 (imgmgr_swf.pl 1701) failes in TRANSACTION 1<br>Waiting for feedback from submitter; we think this was solved in a previos release.   |
| 385 | Img Mgr Test 411: Time format check too restrictive   |
| 388 | 2 byte char test, and other funky characters (Japanese characters are tested; we do need to add tests for European names).  |
| 390 | imgmgr/134/eval_134.pl prompts "MESA IAN directory does not   |
| 391 | Media Creator Tests fails under Linux/Unix with pure ISO9660  |
| 393 | Tests 103, 107, 20106: ERR: MSH 4 Sending Facility, test val  |
| 394 | Test 20106: ERR: MSH 5 Receiving Application, test value doe  |
| 395 | Test 103, 107, 20106: MSH 6 Receiving Facility, test value d  |
| 396 | Tests 103, 20106: ERR: PID 5 Patient Name, test value does n  |
| 397 | Test 20106: ERR: OBR 4 Universal Service ID, test value doe   |
| 398 | Tests 20101, 20102, 20106 (and maybe others): DSS_MESA vs. E  |
| 402 | Test 20101: [RAD-4] is expected too late.<br>Referred back to issuer for claification.  |
| 404 | Tests 103, 20106: ERR: PID 3 Patient ID, test value does not  |
| 405 | Test 103: PID-18, Fields do not match   |
| 408 | MESA Test 2031- there are no ecg documents  |
| 409 | Error in evaluation of test 604<br>Referred back to submitter for more details.   |
| 410 | NMI Profile, Acq. Modality Actor, test 283, STATIC Image, D<br>Asked submitter to log bug at <a href="http://www.dvtk.org">www.dvtk.org</a>   |
| 411 | NMI Profile, Acq. Modality Actor, test 283, TOMO Image, DVT<br>Asked submitter to log bug at <a href="http://www.dvtk.org">www.dvtk.org</a>   |
| 412 | NMI Profile, Acq. Modality Actor, test 283, GATED TOMO Imag<br>Asked submitter to log bug at <a href="http://www.dvtk.org">www.dvtk.org</a>   |
| 413 | NMI Profile, Acq.Modality Actor,Tests 2202-2203 - no script   |
| 414 | NMI Profile, Acq.Modality Actor,Tests 2210-2217 - No script   |
| 416 | The evaluation script of the 11143 (ATNA certificate exchange   |
| 418 | Empty WLM query requires as result a date somewhere in the p<br>Asked submitter for further clarification.  |
| 419 | PDQ 13311 - Inconsistency between test and evaluation<br>Probably a MESA runtime error; not an evaluation error   |
| 420 | Eval script for test case 20520 / No URL in grade_20520.txt<br>Sent request to submitter for followup information   |
| 421 | Wrong interpretation of empty name fields in DICOM messages<br>Asked for followup data from the submitter;  |
| 422 | Time in HL7-datetime-objects has to be accepted<br>All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future. |
| 423 | Documentation ("IHE Tests: Radiology Transaction Sequence" a<br>Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a                |

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|     | longer term effort.                             |
| 425 | Image Creator Test 1412: PWF CT: internal error |
| 426 | Report Creator Test 1601: Internal failure      |
| 427 | Report Creator RWF test 1602: internal failure  |

## 1.2 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution   |
|-----|--|
| 428 | In test 153, adding missing variables to the appointment notification message. |

## 1.3 Other Updates

1. In tests 151, 152, 153, changed the value in the appointment messages of Entered By to ^ROSEWOOD^RANDOLPH to be consistent with other Order Filler messages.

## 2 Version 9.10.4: 31-Mar-2006

### 2.1 Open Bug Reports on MESA Bug System

| Bug    | Resolution   |
|--------|--|
| 9      | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.   |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 71     | Waiting for feedback from the person who issued the report.  |
| 72     | User requested other transfer syntaxes for MESA servers.   |
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| 144 | ITI test 10133 is not implemented. This will be addressed in a later release.   |
| 147 | Display test 10143 is not implemented. This will be addressed in a later release.   |
| 153 | Need some further help from the system performing the test.   |
| 157 | NM Evidence Creator tests are not ready   |
| 160 | Order Filler test 100 is deferred   |
| 164 | No stress echo test data  |
| 170 | Waiting for feedback from issuer  |
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| 183 | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.   |
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| 198 | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
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| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents. |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |
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## IHE/MESA Test Tools Release Notes – Version 9.10.5, 7-Apr-2006

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| 242 | Need to update Modality tests to not assume automated protocol handling  |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.   |
| 246 | Need some additional feedback from the user.   |
| 298 | Installation of RIS Mail   |
| 299 | MESA test #281 DICOM servers need to support more SOP class  |
| 300 | Note for next year – ED – CARD 1402 – 1404   |
| 306 | Trouble with DVT 2.1 (test 283)  |
| 308 | PID Segment is HL7 v2.4 and not v.2.3.1  |
| 310 | Secure Node tests – 1221 etc. not responding to initial client   |
| 311 | MESA Scripts need better logging when they have configuration  |
| 314 | Order Filler evaluation for 132 flawed   |
| 315 | MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo   |
| 316 | cmove proposes Storage SOP Classes to Q/R SCP Service and re   |
| 323 | NAV test 12903 - something wrong with using the scheme file?   |
| 324 | NAV signature xml file can not be validated – 12903  |
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| 333 | Evaluation problem, but this may be a configuration issue at the user's site.  |
| 334 | Schematron issue: need to resolve namespace issue  |
| 349 | tls handshake error  |
| 350 | eval_client_1222.pl uses last_log.txt instead of last_log.xml  |
| 351 | test 1223 not ready for IETF schema  |
| 354 | Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.  |
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| 357 | OF 111 Fails to send gpwl query to itself  |
| 358 | Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts. |
| 359 | IETF Audit record schema is inconsistent   |
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| 362 | XDS-MS validation tool reports false negatives  |
| 366 | PD_SUPPLIER TC 11365 appears to hang  |
| 367 | Problems with the hl7_rcvr  |
| 369 | Connectathon test issue - CARD- DRPT test case  |
| 371 | Problem with ACKA28   |
| 372 | Image manager test 111 is blocked and there no eval   |
| 373 | Runtime scripts should test to make sure database is running  |
| 378 | Evaluation ADT 103: MESA expectation for PV1 data in A08 is likely flawed. Need resolution from the Radiology Technical Committee.                  |
| 379 | Problem with radiology test 107<br>Referred questions back to the submitter.  |
| 381 | Test 131 PID-7 check too restrictive  |
| 382 | Tests 103: PID-10 is R2 in ADT messages   |
| 383 | mesa_xml.pm problems<br>Our JAVA runtime environment and documentation need repair.   |
| 384 | testscript 1701 (imgmgr_swf.pl 1701) failes in TRANSACTION 1<br>Waiting for feedback from submitter; we think this was solved in a previos release. |
| 385 | Img Mgr Test 411: Time format check too restrictive   |
| 388 | 2 byte char test, and other funky characters (Japanese characters are tested; we do need to add tests for European names).                          |
| 390 | imgmgr/134/eval_134.pl prompts "MESA IAN directory does not   |
| 391 | Media Creator Tests fails under Linux/Unix with pure ISO9660  |
| 393 | Tests 103, 107, 20106: ERR: MSH 4 Sending Facility, test val  |
| 394 | Test 20106: ERR: MSH 5 Receiving Application, test value doe  |
| 395 | Test 103, 107, 20106: MSH 6 Receiving Facility, test value d  |
| 396 | Tests 103, 20106: ERR: PID 5 Patient Name, test value does n  |
| 397 | Test 20106: ERR: OBR 4 Universal Service ID, test value doe   |
| 398 | Tests 20101, 20102, 20106 (and maybe others): DSS_MESA vs. E  |
| 402 | Test 20101: [RAD-4] is expected too late.<br>Referred back to issuer for claification.  |
| 404 | Tests 103, 20106: ERR: PID 3 Patient ID, test value does not  |
| 405 | Test 103: PID-18, Fields do not match   |
| 408 | MESA Test 2031- there are no ecg documents  |
| 409 | Error in evaluation of test 604<br>Referred back to submitter for more details.   |
| 410 | NMI Profile, Acq. Modality Actor, test 283, STATIC Image, D<br>Asked submitter to log bug at <a href="http://www.dvdk.org">www.dvdk.org</a>         |

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| 411 | NMI Profile, Acq. Modality Actor, test 283, TOMO Image, DVT<br>Asked submitter to log bug at www.dvtk.org  |
| 412 | NMI Profile, Acq. Modality Actor, test 283, GATED TOMO Imag<br>Asked submitter to log bug at www.dvtk.org  |
| 413 | NMI Profile, Acq.Modality Actor,Tests 2202-2203 - no script  |
| 414 | NMI Profile, Acq.Modality Actor,Tests 2210-2217 - No script  |
| 416 | The evaluation script of the 11143 (ATNA certificate exchange  |
| 418 | Empty WLM query requires as result a date somewhere in the p<br>Asked submitter for further clarification.   |
| 419 | PDQ 13311 - Inconsistency between test and evaluation<br>Probably a MESA runtime error; not an evaluation error  |
| 420 | Eval script for test case 20520 / No URL in grade_20520.txt<br>Sent request to submitter for followup information  |
| 421 | Wrong interpretation of empty name fields in DICOM messages<br>Asked for followup data from the submitter;   |
| 422 | Time in HL7-datetime-objects has to be accepted<br>All SWF and other scripts need to be updated to insert the current date/time. Otherwise, systems are expected to work in the past or future.      |
| 423 | Documentation ("IHE Tests: Radiology Transaction Sequence" a<br>Test documentation is incomplete and should be generated from the test data so they remain consistent. This is a longer term effort. |

## 2.2 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution  |
|-----|---|
| 392 | Test 20106, 103 (and other tests): ERR: ORC 3: Filler Order;<br>Corrected the allowed length of Filler Order Number to 22 characters.   |
| 397 | Repaired Code Tables document to reflect what is implemented in the tests.  |
| 399 | Test 20101: Test for equivalence of attribute: 0032 1032<br>Duplicate of 288 repaired in 9.10.0   |
| 400 | Test 20101: Test for equivalence of attribute: 0010 0010  |
| 401 | Test 20101: "XR Left Heart Cath" as ScheduledProcedureStepDe<br>Repaired as XA Left Heart Cath  |
| 403 | Tests 103, 107 (probably others): ERR: ORC 3: Filler Order<br>Don't agree with the issuers interpretation of the TF; referred the question back to the Radiology Tech Committee |
| 406 | Test 103: PID-7, fields do not match<br>Test 103 is written such that the sending system is required to send an empty birthdate. It is a test feature.                          |
| 407 | Test 103: Attribute 0010 0030 does not match <test> <std>.<br>Test 103 is written such that the sending system is required to send an empty birthdate. It is a test feature.    |
| 415 | CRTHREE dataset has invalid pixel aspect.<br>Modified the load script to remove 0028 0034 from the data set for CRTHREE.  |
| 417 | An informationsystem for the cathlab is not responsible for<br>Marked as INVALID; this is a committee/TF issue and not a MESA test issue.                                       |
| 424 | Test 133: ADT^A40 expects wrong MSH-9 in ACK messag;<br>Repaired previously in 9.10.2   |

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## 2.3 Other Updates

1.

## 3 Version 9.10.3: 24-Mar-2006

### 3.1 Open Bug Reports on MESA Bug System

| Bug    | Resolution   |
|--------|--|
| 9      | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.   |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 71     | Waiting for feedback from the person who issued the report.  |
| 72     | User requested other transfer syntaxes for MESA servers.   |
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| 144    | ITI test 10133 is not implemented. This will be addressed in a later release.  |
| 147    | Display test 10143 is not implemented. This will be addressed in a later release.  |
| 153    | Need some further help from the system performing the test.  |
| 157    | NM Evidence Creator tests are not ready  |
| 160    | Order Filler test 100 is deferred  |
| 164    | No stress echo test data   |
| 170    | Waiting for feedback from issuer   |
| 181    | Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.   |
| 183    | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.  |
| 190    |  |

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| 198 | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
| 199 |   |
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| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents. |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |
| 235 |   |
| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
| 246 | Need some additional feedback from the user.  |
| 298 | Installation of RIS Mail  |
| 299 | MESA test #281 DICOM servers need to support more SOP class   |
| 300 | Note for next year – ED – CARD 1402 – 1404  |
| 306 | Trouble with DVT 2.1 (test 283)   |
| 308 | PID Segment is HL7 v2.4 and not v.2.3.1   |
| 310 | Secure Node tests – 1221 etc. not responding to initial client  |
| 311 | MESA Scripts need better logging when they have configuration   |
| 314 | Order Filler evaluation for 132 flawed  |
| 315 | MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo  |
| 316 | cmove proposes Storage SOP Classes to Q/R SCP Service and re  |

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| 323 | NAV test 12903 - something wrong with using the scheme file?   |
| 324 | NAV signature xml file can not be validated – 12903  |
| 326 | xds_ms_doc_source test 12503 is missing. Will be added in a later cycle; will not be ready in Dec 05   |
| 328 | Typos in Image Display Consistency tests VLUT_08, VLUT_P10   |
| 329 | MESA test 103 , use different AE titles ?  |
| 330 | Modality PGP Test 106 is flawed  |
| 331 | MESA 8.8.3 , Test 111 not work's   |
| 333 | Evaluation problem, but this may be a configuration issue at the user's site.  |
| 334 | Schematron issue: need to resolve namespace issue  |
| 349 | tls handshake error  |
| 350 | eval_client_1222.pl uses last_log.txt instead of last_log.xml  |
| 351 | test 1223 not ready for IETF schema  |
| 354 | Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.  |
| 355 | Display 10146 not ready with this software release; needs to be updated and corrected; will not be completed in December, 05   |
| 356 | TAG is not respected by the syslog server - test 11101;need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data.                     |
| 357 | OF 111 Fails to send gpwl query to itself  |
| 358 | Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts. |
| 359 | IETF Audit record schema is inconsistent   |
| 360 | 20530 - double quotes needed: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.                        |
| 361 | CSR validation tool returns false negatives  |
| 362 | XDS-MS validation tool reports false negatives   |
| 366 | PD_SUPPLIER TC 11365 appears to hang   |
| 367 | Problems with the hl7_rcvr   |
| 369 | Connectathon test issue - CARD- DRPT test case   |
| 371 | Problem with ACKA28  |
| 372 | Image manager test 111 is blocked and there no eval  |
| 373 | Runtime scripts should test to make sure database is running   |
| 378 | Evaluation ADT 103: MESA expectation for PV1 data in A08 is likely flawed. Need resolution from the Radiology Technical Committee.   |
| 379 | Problem with radiology test 107<br>Referred questions back to the submitter.   |
| 381 | Test 131 PID-7 check too restrictive   |

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| 382 | Tests 103: PID-10 is R2 in ADT messages   |
| 383 | mesa_xml.pm problems<br>Our JAVA runtime environment and documentation need repair.   |
| 384 | testscript 1701 (imgmgr_swf.pl 1701) failes in TRANSACTION 1<br>Waiting for feedback from submitter; we think this was solved in a previos release. |
| 385 | Img Mgr Test 411: Time format check too restrictive   |
| 388 | 2 byte char test, and other funky characters (Japanese characters are tested; we do need to add tests for European names).                          |

### 3.2 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution  |
|-----|---|
| 386 | Repaired the content of the S15 message in test 153. The message type was erroneously recorded as S12.  |
| 387 | The prior version added a variable to the imgmgr_test.cfg file. That variable was wrong and should not have been added. We corrected the scripts to use the defined variables for the Image Manager under test. |
| 389 | Repaired the text value associated with DICOM code 121049. We cannot spell the word Descendant without looking it up.   |
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### 3.3 Other Updates

1. Added Image Manager tests for Image Managers that are in Cardiology and only support US and NM data. Refer to the Image Manager instructions for changes to tests 401 – 405.

## 4 Version 9.10.2: 20-Mar-2006

### 4.1 Open Bug Reports on MESA Bug System

| Bug    | Resolution   |
|--------|--|
| 9      | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.   |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 71     | Waiting for feedback from the person who issued the report.  |
| 72     | User requested other transfer syntaxes for MESA servers.   |
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| 118 |   |
| 144 | ITI test 10133 is not implemented. This will be addressed in a later release.   |
| 147 | Display test 10143 is not implemented. This will be addressed in a later release.   |
| 153 | Need some further help from the system performing the test.   |
| 157 | NM Evidence Creator tests are not ready   |
| 160 | Order Filler test 100 is deferred   |
| 164 | No stress echo test data  |
| 170 | Waiting for feedback from issuer  |
| 181 | Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.  |
| 183 | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.   |
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| 198 | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
| 199 |   |
| 201 |   |
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| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents. |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |

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| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |
| 235 |   |
| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
| 246 | Need some additional feedback from the user.  |
| 298 | Installation of RIS Mail  |
| 299 | MESA test #281 DICOM servers need to support more SOP class   |
| 300 | Note for next year – ED – CARD 1402 – 1404  |
| 306 | Trouble with DVT 2.1 (test 283)   |
| 308 | PID Segment is HL7 v2.4 and not v.2.3.1   |
| 310 | Secure Node tests – 1221 etc. not responding to initial client  |
| 311 | MESA Scripts need better logging when they have configuration   |
| 314 | Order Filler evaluation for 132 flawed  |
| 315 | MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo  |
| 316 | cmove proposes Storage SOP Classes to Q/R SCP Service and re  |
| 323 | NAV test 12903 - something wrong with using the scheme file?  |
| 324 | NAV signature xml file can not be validated – 12903   |
| 326 | xds_ms_doc_source test 12503 is missing. Will be added in a later cycle; will not be ready in Dec 05  |
| 328 | Typos in Image Display Consistency tests VLUT_08, VLUT_P10  |
| 329 | MESA test 103 , use different AE titles ?   |
| 330 | Modality PGP Test 106 is flawed   |
| 331 | MESA 8.8.3 , Test 111 not work's  |
| 333 | Evaluation problem, but this may be a configuration issue at the user's site.   |
| 334 | Schematron issue: need to resolve namespace issue   |
| 349 | tls handshake error   |
| 350 | eval_client_1222.pl uses last_log.txt instead of last_log.xml   |
| 351 | test 1223 not ready for IETF schema   |
| 354 | Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.   |
| 355 | Display 10146 not ready with this software release; needs to be updated and corrected; will not be completed in December, 05  |
| 356 | TAG is not respected by the syslog server - test 11101; need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data. |
| 357 | OF 111 Fails to send gpwl query to itself   |

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|     |  |
|-----|--|
| 358 | Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts. |
| 359 | IETF Audit record schema is inconsistent   |
| 360 | 20530 - double quotes needed: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.                        |
| 361 | CSR validation tool returns false negatives  |
| 362 | XDS-MS validation tool reports false negatives   |
| 366 | PD_SUPPLIER TC 11365 appears to hang   |
| 367 | Problems with the hl7_rcvr   |
| 369 | Connectathon test issue - CARD- DRPT test case   |
| 371 | Problem with ACKA28  |
| 372 | Image manager test 111 is blocked and there no eval  |
| 373 | Runtime scripts should test to make sure database is running   |
| 378 | Evaluation ADT 103: MESA expectation for PV1 data in A08 is likely flawed. Need resolution from the Radiology Technical Committee.   |
| 381 | Test 131 PID-7 check too restrictive   |
| 382 | Tests 103: PID-10 is R2 in ADT messages  |
| 383 | mesa_xml.pm problems   |
| 384 | testscript 1701 (imgmgr_swf.pl 1701) failes in TRANSACTION 1   |
| 385 | Img Mgr Test 411: Time format check too restrictive  |

## 4.2 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution  |
|-----|---|
| 380 | Added configuration data to accept ACK^A01, ACK^A03, ACK^A08 messages. Previous versions just expected "ACK" HL7 responses in the MSH, or a more limited set (e.g. ACK^A28) |
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## 4.3 Other Updates

1. Added tests 131US and 132US. These are repeats of 131 and 132, but using Ultrasound data rather than MR.
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## 5 Version 9.10.1: 13-Mar-2006

### 5.1 General Information Concerning 9.10.0

### 5.2 Open Bug Reports on MESA Bug System

| Bug    | Resolution   |
|--------|--|
| 9      | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.   |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 71     | Waiting for feedback from the person who issued the report.  |
| 72     | User requested other transfer syntaxes for MESA servers.   |
| 99     |  |
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| 118    |  |
| 144    | ITI test 10133 is not implemented. This will be addressed in a later release.  |
| 147    | Display test 10143 is not implemented. This will be addressed in a later release.  |
| 153    | Need some further help from the system performing the test.  |
| 157    | NM Evidence Creator tests are not ready  |
| 160    | Order Filler test 100 is deferred  |
| 164    | No stress echo test data   |
| 170    | Waiting for feedback from issuer   |
| 181    | Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.   |
| 183    | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.  |
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| 198 | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
| 199 |   |
| 201 |   |
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| 203 |   |
| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents. |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |
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| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
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| 298 | Installation of RIS Mail  |
| 299 | MESA test #281 DICOM servers need to support more SOP class   |
| 300 | Note for next year – ED – CARD 1402 – 1404  |
| 306 | Trouble with DVT 2.1 (test 283)   |
| 308 | PID Segment is HL7 v2.4 and not v.2.3.1   |
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| 311 | MESA Scripts need better logging when they have configuration   |
| 314 | Order Filler evaluation for 132 flawed  |
| 315 | MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo  |
| 316 | cmove proposes Storage SOP Classes to Q/R SCP Service and re  |
| 323 | NAV test 12903 - something wrong with using the scheme file?  |

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| 324 | NAV signature xml file can not be validated – 12903  |
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| 333 | Evaluation problem, but this may be a configuration issue at the user's site.  |
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| 373 | Runtime scripts should test to make sure database is running   |
| 378 | Evaluation ADT 103: MESA expectation for PV1 data in A08 is likely flawed  |
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### 5.3 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution   |
|-----|--|
| 368 | Export Manager bug repaired by updating scripts.   |
| 374 | Updated the length of a syslog message the MESA syslog server will accept from 1024 to 4096 bytes. Also added an evaluation for the length of the message and print a warning when that exceeds 1024 characters for test 1201. |
| 376 | Updated the QBP template file and associated data files for those queries.   |
| 377 | Updated the documentation for Patient Encounter Consumer Test 12121. The documentation listed an additional transaction that is not part of the test.  |

### 5.4 Other Updates

1. Increased the width of the column used to store syslog messages by the MESA Syslog server. If you are testing secure nodes, you will want to remove and reinstall the databases. This procedure is described in the Installation Guide.
2. Corrected some typos in Patient Encounter Source documentation.

## 6 Version 9.10.0: 6-Mar-2006

### 6.1 General Information Concerning 9.10.0

### 6.2 Open Bug Reports on MESA Bug System

| Bug    | Resolution   |
|--------|--|
| 9      | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.   |
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| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
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| 160 | Order Filler test 100 is deferred   |
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| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents. |
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| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |

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| 235 |  |
| 242 | Need to update Modality tests to not assume automated protocol handling  |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.   |
| 246 | Need some additional feedback from the user.   |
| 298 | Installation of RIS Mail   |
| 299 | MESA test #281 DICOM servers need to support more SOP class  |
| 300 | Note for next year – ED – CARD 1402 – 1404   |
| 306 | Trouble with DVT 2.1 (test 283)  |
| 308 | PID Segment is HL7 v2.4 and not v.2.3.1  |
| 310 | Secure Node tests – 1221 etc. not responding to initial client   |
| 311 | MESA Scripts need better logging when they have configuration  |
| 314 | Order Filler evaluation for 132 flawed   |
| 315 | MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo   |
| 316 | cmove proposes Storage SOP Classes to Q/R SCP Service and re   |
| 323 | NAV test 12903 - something wrong with using the scheme file?   |
| 324 | NAV signature xml file can not be validated – 12903  |
| 326 | xds_ms_doc_source test 12503 is missing. Will be added in a later cycle; will not be ready in Dec 05   |
| 328 | Typos in Image Display Consistency tests VLUT_08, VLUT_P10   |
| 329 | MESA test 103 , use different AE titles ?  |
| 330 | Modality PGP Test 106 is flawed  |
| 331 | MESA 8.8.3 , Test 111 not work's   |
| 333 | Evaluation problem, but this may be a configuration issue at the user's site.  |
| 334 | Schematron issue: need to resolve namespace issue  |
| 349 | tls handshake error  |
| 350 | eval_client_1222.pl uses last_log.txt instead of last_log.xml  |
| 351 | test 1223 not ready for IETF schema  |
| 354 | Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.  |
| 355 | Display 10146 not ready with this software release; needs to be updated and corrected; will not be completed in December, 05   |
| 356 | TAG is not respected by the syslog server - test 11101; need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data.                    |
| 357 | OF 111 Fails to send gpwl query to itself  |
| 358 | Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts. |
| 359 | IETF Audit record schema is inconsistent   |

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|     |   |
|-----|---|
| 360 | 20530 - double quotes needed: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts. |
| 361 | CSR validation tool returns false negatives   |
| 362 | XDS-MS validation tool reports false negatives  |
| 366 | PD_SUPPLIER TC 11365 appears to hang  |
| 367 | Problems with the hl7_rcvr  |
| 368 | Export Manager Test 3003: ERR: Failed in Testing Content Seq  |
| 369 | Connectathon test issue - CARD- DRPT test case  |
| 371 | Problem with ACKA28   |
| 372 | Image manager test 111 is blocked and there no eval   |
| 373 | Runtime scripts should test to make sure database is running  |
|     |   |
|     |   |
|     |   |

### 6.3 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution  |
|-----|---|
| 288 | Modified MWL evaluation code to allow extra ^ delimiters after the physician names. Need to do the same for Patient Name (0010 0010)  |
| 290 | Closed this report; we think the patches in earlier releases took care of the issue.  |
| 294 | Closed this report; we think it was a configuration error by the submitter  |
| 301 | Closed; duplicate of 288.   |
| 308 | Decided to leave extra fields in the segments. Although HL7 2.3.1 lists the number of fields to expect in a segment, the standard allows senders to send extra fields and expects the receivers to accept (but possibly ignore) them. |
| 311 | Upgraded IM, DSS/Order Filler, Modality tests to better check MESA environment and to print better debug messages for MWL issues. Still need to work on tests of the database installed/running.                                      |
| 333 | Test of PIX manager seems to have been resolved by the 9.7.0 release. User reports the problem has been corrected.  |
| 342 | Assumed the TLS problem was due to a conflict in DLLs and was resolved by the user.   |
| 343 | Resolved issues and added explicit tests to test different combinations of assigning authority values.  |
| 346 | Added a test for Image Manager Instance Availability Notification   |
| 370 | Withdrawn by the user.  |
| 371 | Updated runtime HL7 message definitions to recognize ACK^A28 message.   |

### 6.4 Other Updates

1. Added data files so that test 401 prints an error if you try to run using the SWF scripts. This test (of the Image Manager) uses an older scheme that is documented in the test instructions.
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2. Added verbose output for Image Manager test 412 when running the C-Move request.
3. Updated cmove program to better handle status when an Image Manager returns intermediate results. In the prior versions, this application treated those intermediate messages as an error and the program completed its execution, but exited with an error status.
4. Repaired the unix start servers script for patient ID source tests (e.g. 10512). The Unix script did not specify the proper database to use.
5. Modified Patient ID source test 10512. Made 3 explicit test cases to test the values used for assigning authority.

## 7 Version 9.9.0: 12-Dec-2005

### 7.1 General Information Concerning 9.9.0

### 7.2 Open Bug Reports on MESA Bug System

| Bug    | Resolution   |
|--------|--|
| 9      | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.   |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 71     | Waiting for feedback from the person who issued the report.  |
| 72     | User requested other transfer syntaxes for MESA servers.   |
| 99     |  |
| 102    |  |
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| 118 |   |
| 144 | ITI test 10133 is not implemented. This will be addressed in a later release.   |
| 147 | Display test 10143 is not implemented. This will be addressed in a later release.   |
| 153 | Need some further help from the system performing the test.   |
| 157 | NM Evidence Creator tests are not ready   |
| 160 | Order Filler test 100 is deferred   |
| 164 | No stress echo test data  |
| 170 | Waiting for feedback from issuer  |
| 181 | Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.  |
| 183 | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.   |
| 190 |   |
| 191 |   |
| 192 |   |
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| 196 |   |
| 197 |   |
| 198 | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
| 199 |   |
| 201 |   |
| 202 |   |
| 203 |   |
| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents. |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |
| 235 |   |
| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
| 246 | Need some additional feedback from the user.  |
| 288 | OF-103 Doctors names not trimmed<br>MESA tests need work on evaluating Person Name fields. We do not properly evaluate when output of your                                    |

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|     | system contains extra ^ delimiters. For these errors, submit log results with a reminder for us to look at the Person Name fields.                         |
| 290 | Some error in the C-Move transmission  |
| 294 | MESA Image Manager does not repond to HL7 messages from Order Filler under test. Referred back to user to examine the wrapper used around the HL7 message. |
| 298 | Installation of RIS Mail   |
| 299 | MESA test #281 DICOM servers need to support more SOP class  |
| 300 | Note for next year – ED – CARD 1402 – 1404   |
| 301 | Faulty evaluation of MWL responses; duplicate of 288; to be fixed next year.   |
|     |  |
| 306 | Trouble with DVT 2.1 (test 283)  |
| 308 | PID Segment is HL7 v2.4 and not v.2.3.1  |
| 310 | Secure Node tests – 1221 etc. not responding to initial client   |
| 311 | MESA Scripts need better logging when they have configuration  |
| 314 | Order Filler evaluation for 132 flawed   |
| 315 | MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo   |
| 316 | cmove proposes Storage SOP Classes to Q/R SCP Service and re   |
| 323 | NAV test 12903 - something wrong with using the scheme file?   |
| 324 | NAV signature xml file can not be validated – 12903  |
| 326 | xds_ms_doc_source test 12503 is missing. Will be added in a later cycle; will not be ready in Dec 05   |
| 328 | Typos in Image Display Consistency tests VLUT_08, VLUT_P10   |
| 329 | MESA test 103 , use different AE titles ?  |
| 330 | Modality PGP Test 106 is flawed  |
| 331 | MESA 8.8.3 , Test 111 not work's   |
| 333 | Evaluation problem, but this may be a configuration issue at the user's site.  |
| 334 | Schematron issue: need to resolve namespace issue  |
| 342 | ordinal 508 could not be located in libeay32.dll: Asked submitter for further information  |
| 343 | Updated evaluation of Patient ID Source test 10512, but issues still remain  |
| 346 | No MESA test for Radiology Instance Availability Notification; to be added mid Dec   |
| 349 | tls handshake error  |
| 350 | eval_client_1222.pl uses last_log.txt instead of last_log.xml  |
| 351 | test 1223 not ready for IETF schema  |
| 354 | Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.            |
| 355 | Display 10146 not ready with this software release; needs to be updated and corrected; will not be completed in December, 05                               |

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|     |  |
|-----|--|
| 356 | TAG is not respected by the syslog server - test 11101; need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data.                    |
| 357 | OF 111 Fails to send gpwl query to itself  |
| 358 | Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts. |
| 359 | IETF Audit record schema is inconsistent   |
| 360 | 20530 - double quotes needed: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.                        |
| 361 | CSR validation tool returns false negatives  |
| 362 | XDS-MS validation tool reports false negatives   |
| 366 | PD_SUPPLIER TC 11365 appears to hang   |
| 367 | Problems with the hl7_rcvr   |

### 7.3 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution   |
|-----|--|
| 303 | TCE Profile Testcases (3001 & 3003).<br>Repaired documentation in the test instructions that was causing the last failure.                   |
| 335 | Installation Test for RID tests fails: Need to repair documentation<br>Repaired the Installation manuals for Unix and Windows installations. |
| 347 | DRPT 20503 and 20530 (and others) platform considerations  |
| 364 | OF 20205 test script is flawed;<br>Repaired the scheduling message that was causing misinformation   |
| 365 | Test 11365 not graded properly<br>Was a runtime problem with the scripts that is now corrected.  |

### 7.4 Other Updates

1. Repaired documentation for Export Selector actor. In section 1.5, the wrong directions for starting the MESA servers were issued.
  2. Modified the MESA\_STORAGE data by adding ultrasound images. These will be useful for some Cardiology tests, but are not yet integrated with the test software.
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## 8 Version 9.8.0: 4-Dec-2005

### 8.1 General Information Concerning 9.8.0

### 8.2 Open Bug Reports on MESA Bug System

| Bug    | Resolution   |
|--------|--|
| 9      | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.   |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 71     | Waiting for feedback from the person who issued the report.  |
| 72     | User requested other transfer syntaxes for MESA servers.   |
| 99     |  |
| 102    |  |
| 103    |  |
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| 115    |  |
| 116    |  |
| 118    |  |
| 144    | ITI test 10133 is not implemented. This will be addressed in a later release.  |
| 147    | Display test 10143 is not implemented. This will be addressed in a later release.  |
| 153    | Need some further help from the system performing the test.  |
| 157    | NM Evidence Creator tests are not ready  |
| 160    | Order Filler test 100 is deferred  |
| 164    | No stress echo test data   |
| 170    | Waiting for feedback from issuer   |
| 181    | Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.   |
| 183    | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.  |
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| 191    |  |

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| 192 |   |
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| 196 |   |
| 197 |   |
| 198 | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
| 199 |   |
| 201 |   |
| 202 |   |
| 203 |   |
| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents.   |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |
| 235 |   |
| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
| 246 | Need some additional feedback from the user.  |
| 288 | OF-103 Doctors names not trimmed<br>MESA tests need work on evaluating Person Name fields. We do not properly evaluate when output of your system contains extra ^ delimiters. For these errors, submit log results with a reminder for us to look at the Person Name fields. |
| 290 | Some error in the C-Move transmission   |
| 294 | MESA Image Manager does not repond to HL7 messages from Order Filler under test.<br>Referred back to user to examine the wrapper used around the HL7 message.   |
| 298 | Installation of RIS Mail  |
| 299 | MESA test #281 DICOM servers need to support more SOP class   |
| 300 | Note for next year – ED – CARD 1402 – 1404  |
| 301 | Faulty evaluation of MWL responses; duplicate of 288; to be fixed next year.  |
| 303 | TCE Profile Testcases (3001 & 3003).<br>Referred back with questions  |
| 306 | Trouble with DVT 2.1 (test 283)   |

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|-----|--|
| 308 | PID Segment is HL7 v2.4 and not v.2.3.1  |
| 310 | Secure Node tests – 1221 etc. not responding to initial client   |
| 311 | MESA Scripts need better logging when they have configuration  |
| 314 | Order Filler evaluation for 132 flawed   |
| 315 | MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo   |
| 316 | cmove proposes Storage SOP Classes to Q/R SCP Service and re   |
| 323 | NAV test 12903 - something wrong with using the scheme file?   |
| 324 | NAV signature xml file can not be validated – 12903  |
| 326 | xds_ms_doc_source test 12503 is missing. Will be added in a later cycle; will not be ready in Dec 05   |
| 328 | Typos in Image Display Consistency tests VLUT_08, VLUT_P10   |
| 329 | MESA test 103 , use different AE titles ?  |
| 330 | Modality PGP Test 106 is flawed  |
| 331 | MESA 8.8.3 , Test 111 not work's   |
| 333 | Evaluation problem, but this may be a configuration issue at the user's site.  |
| 334 | Schematron issue: need to resolve namespace issue  |
| 335 | Installation Test for RID tests fails: Need to repair documentation  |
| 342 | ordinal 508 could not be located in libeay32.dll: Asked submitter for further information  |
| 343 | Updated evaluation of Patient ID Source test 10512, but issues still remain  |
| 346 | No MESA test for Radiology Instance Availability Notification; to be added mid Dec   |
| 347 | DRPT 20503 and 20530 (and others) platform considerations  |
| 349 | tls handshake error  |
| 350 | eval_client_1222.pl uses last_log.txt instead of last_log.xml  |
| 351 | test 1223 not ready for IETF schema  |
| 354 | Display 20309 - Mesa information source sends incorrect resp; attached a jar file with extra debugging information to try to find the MESA bug.  |
| 355 | Display 10146 not ready with this software release; needs to be updated and corrected; will not be completed in December, 05   |
| 356 | TAG is not respected by the syslog server - test 11101; need to repair MESA syslog server and manage the TAG data; also need to construct a test for Audit Record Repositories to see if they can take that data.                    |
| 357 | OF 111 Fails to send gpwl query to itself  |
| 358 | Eval_20530 failes since SOP Instance UID has spaces: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts. |
| 359 | IETF Audit record schema is inconsistent   |
| 360 | 20530 - double quotes needed: The real issue is that MESA should not accept DICOM Composite objects with bad UIDs; will repair MESA servers to reject those objects before we ever get to evaluation scripts.                        |
| 361 | CSR validation tool returns false negatives  |

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|     |  |
|-----|--|
| 362 | XDS-MS validation tool reports false negatives |
|-----|--|

### 8.3 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution  |
|-----|---|
| 290 | Repaired in a previous release; user confirms repair  |
| 336 | ATNA 11103 eval script flags valid IETF audit record in error.<br>Repaired schema to use definition from www.xml.org                              |
| 345 | PIX-Consumer 105010&10502 ADT messages failing: Asked user for more information   |
| 348 | PDQ Consumer TC 11312 missing<br>Added documentation for missing PDQ Consumer test 11312  |
| 352 | Added documentation for PD Consumer for test 11312. This is also a PD Consumer test.  |
| 353 | RID/ECG: C39HR61 test environment/Server Name for SQL; Added documentation in the installation manuals to describe how to onfigure for RID tests. |
| 359 | Repaired schema to use definition from www.xml.org  |
| 363 | Issue resolved by user.   |

### 8.4 Other Updates

- 1 Added files IMPL\_CDAR2.xml, and voc.xml to mesa\_tests/iti/actors/doc\_cons/12521
- 2 Added folder mesa\_tests/card/actors/common/20520/ to the distibution.
- 3 Minor bug fixes to mesa\_tests/card/actors/rpt\_mgr/scripts/rptmgr\_drpt.pl and mesa\_tests/card/actors/rpt\_mgr/scripts/rpt\_mgr.pm
- 4 Minor bug fixes to mesa\_tests/card/actors/rpt\_mgr/20530/eval\_20530.pl
- 5 Added PDQ test 11365 for Patient Demographics Supplier. Need to add the same test for the Consumer actor.
- 6 Modified evaluation script for Secure Node actor test 1201 to test either the IETF or INTERIM formats for audit messages.
- 7 Modified documentation for Secure Node actor to better describe configuration with digital certificates.

## 9 Version 9.7.0: 27-Nov-2005

### 9.1 General Information Concerning 9.7.0

### 9.2 Open Bug Reports on MESA Bug System

| Bug | Resolution   |
|-----|--|
| 9   | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |

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|        |   |
|--------|---|
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process. |
| 33     | Report creator test 1511 is incomplete  |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.          |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.                   |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.                   |
| 71     | Waiting for feedback from the person who issued the report.   |
| 72     | User requested other transfer syntaxes for MESA servers.  |
| 99     |   |
| 102    |   |
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| 106    |   |
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| 109    |   |
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| 113    |   |
| 114    |   |
| 115    |   |
| 116    |   |
| 118    |   |
| 144    | ITI test 10133 is not implemented. This will be addressed in a later release.   |
| 147    | Display test 10143 is not implemented. This will be addressed in a later release.   |
| 153    | Need some further help from the system performing the test.   |
| 157    | NM Evidence Creator tests are not ready   |
| 160    | Order Filler test 100 is deferred   |
| 164    | No stress echo test data  |
| 170    | Waiting for feedback from issuer  |
| 181    | Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.                      |
| 183    | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.                                       |
| 190    |   |
| 191    |   |
| 192    |   |
| 193    |   |
| 194    |   |
| 195    |   |
| 196    |   |
| 197    |   |
| 198    | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
| 199    |   |
| 201    |   |

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|     |   |
|-----|---|
| 202 |   |
| 203 |   |
| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents.   |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |
| 235 |   |
| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
| 246 | Need some additional feedback from the user.  |
| 288 | OF-103 Doctors names not trimmed<br>MESA tests need work on evaluating Person Name fields. We do not properly evaluate when output of your system contains extra ^ delimiters. For these errors, submit log results with a reminder for us to look at the Person Name fields. |
| 290 | Some error in the C-Move transmission   |
| 294 | MESA Image Manager does not respond to HL7 messages from Order Filler under test.<br>Referred back to user to examine the wrapper used around the HL7 message.  |
| 298 | Installation of RIS Mail  |
| 299 | MESA test #281 DICOM servers need to support more SOP class   |
| 300 | Note for next year – ED – CARD 1402 – 1404  |
| 301 | Faulty evaluation of MWL responses; duplicate of 288; to be fixed next year.  |
| 303 | TCE Profile Testcases (3001 & 3003).<br>Referred back with questions  |
| 306 | Trouble with DVT 2.1 (test 283)   |
| 308 | PID Segment is HL7 v2.4 and not v.2.3.1   |
| 310 | Secure Node tests – 1221 etc. not responding to initial client  |
| 311 | MESA Scripts need better logging when they have configuration   |
| 314 | Order Filler evaluation for 132 flawed  |
| 315 | MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo  |
| 316 | cmove proposes Storage SOP Classes to Q/R SCP Service and re  |
| 323 | NAV test 12903 - something wrong with using the scheme file?  |

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|     |   |
|-----|---|
| 324 | NAV signature xml file can not be validated – 12903   |
| 326 | xds_ms_doc_source test 12503 is missing. No fix yet.  |
| 328 | Typos in Image Display Consistency tests VLUT_08, VLUT_P10  |
| 329 | MESA test 103 , use different AE titles ?   |
| 330 | Modality PGP Test 106 is flawed   |
| 333 | Evaluation problem, but this may be a configuration issue at the user's site.                         |
| 334 | Schematron issue: need to resolve namespace issue   |
| 335 | Installation Test for RID tests fails: Need to repair documentation                                   |
| 336 | ATNA 11103 eval script flags valid IETF audit record in erro: Need to check schema used in MESA tests |
| 342 | ordinal 508 could not be located in libeay32.dll: Asked submitter for further information             |
| 343 | Updated evaluation of Patient ID Source test 10512, but issues still remain                           |
| 345 | PIX-Consumer 105010&10502 ADT messages failing: Asked user for more information                       |

### 9.3 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution   |
|-----|--|
| 332 | Corrected evaluation script for Patient Demographics Supplier test 11312                   |
| 337 | Added xsl file to distribution.  |
| 338 | Put CDA zip file on MESA distribution page   |
| 339 | Repaired evaluation files for test 1222 using IETF/DICOM record format                     |
| 340 | Updated tls applications in Windows to eliminate exception                                 |
| 341 | Added hl7_attach_PDF.pl to MESA windows distribution - \$MESA_TARGET\bin\hl7_attach_PDF.pl |
| 344 | Built and installed wget.exe for Windows   |
|     |  |

### 9.4 Other Updates

## 10 Version 9.6.0: 18-Nov-2005

### 10.1 General Information Concerning 9.6.0

### 10.2 Open Bug Reports on MESA Bug System

| Bug | Resolution  |
|-----|---|
| 9   | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the |

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## IHE/MESA Test Tools Release Notes – Version 9.10.5, 7-Apr-2006

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|        |   |
|--------|---|
|        | documentation in a future release.  |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process. |
| 33     | Report creator test 1511 is incomplete  |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.          |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.                   |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.                   |
| 71     | Waiting for feedback from the person who issued the report.   |
| 72     | User requested other transfer syntaxes for MESA servers.  |
| 99     |   |
| 102    |   |
| 103    |   |
| 104    |   |
| 105    |   |
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| 107    |   |
| 109    |   |
| 110    |   |
| 113    |   |
| 114    |   |
| 115    |   |
| 116    |   |
| 118    |   |
| 144    | ITI test 10133 is not implemented. This will be addressed in a later release.   |
| 147    | Display test 10143 is not implemented. This will be addressed in a later release.   |
| 153    | Need some further help from the system performing the test.   |
| 157    | NM Evidence Creator tests are not ready   |
| 160    | Order Filler test 100 is deferred   |
| 164    | No stress echo test data  |
| 170    | Waiting for feedback from issuer  |
| 181    | Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.                      |
| 183    | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.                                       |
| 190    |   |
| 191    |   |
| 192    |   |
| 193    |   |
| 194    |   |
| 195    |   |
| 196    |   |
| 197    |   |
| 198    | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
| 199    |   |

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|     |   |
|-----|---|
| 201 |   |
| 202 |   |
| 203 |   |
| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents.   |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |
| 235 |   |
| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
| 246 | Need some additional feedback from the user.  |
| 288 | OF-103 Doctors names not trimmed<br>MESA tests need work on evaluating Person Name fields. We do not properly evaluate when output of your system contains extra ^ delimiters. For these errors, submit log results with a reminder for us to look at the Person Name fields. |
| 290 | Some error in the C-Move transmission   |
| 294 | MESA Image Manager does not reposnd to HL7 messages from Order Filler under test.<br>Referred back to user to examine the wrapper used around the HL7 message.  |
| 298 | Installation of RIS Mail  |
| 299 | MESA test #281 DICOM servers need to support more SOP class   |
| 300 | Note for next year – ED – CARD 1402 – 1404  |
| 301 | Faulty evaluation of MWL responses; duplicate of 288; to be fixed next year.  |
| 303 | TCE Profile Testcases (3001 & 3003).<br>Referred back with questions  |
| 306 | Trouble with DVT 2.1 (test 283)   |
| 308 | PID Segment is HL7 v2.4 and not v.2.3.1   |
| 310 | Secure Node tests – 1221 etc. not responding to initial client  |
| 311 | MESA Scripts need better logging when they have configuration   |
| 314 | Order Filler evaluation for 132 flawed  |
| 315 | MESA 2006 - add EC actor to Rad SWF and Card Cath and Echo  |
| 316 | cmove proposes Storage SOP Classes to Q/R SCP Service and re  |

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|     |  |
|-----|--|
| 323 | NAV test 12903 - something wrong with using the scheme file? |
| 324 | NAV signature xml file can not be validated – 12903          |
| 326 | xds_ms_doc_source test 12503 is missing. No fix yet.         |
| 328 | Typos in Image Display Consistency tests VLUT_08, VLUT_P10   |
| 329 | MESA test 103 , use different AE titles ?                    |
| 330 | Modality PGP Test 106 is flawed                              |

### 10.3 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution  |
|-----|---|
| 297 | User resolved issue in message; MESA software requires no change.   |
| 307 | Repaired evaluation script for Image Manager test 109.  |
| 309 | Repaired Acquisition Modality documentation for test 214.   |
| 312 | Informed Secure Node actor how to pass the test; this is really an issue for the ITI Technical Committee to resolve.  |
| 313 | Repaired the queries created by the MESA system that are used as comparisons for the PD consumer.   |
| 317 | Repaired the application mesa_update_column that was failing for Windows installations.   |
| 318 | Same issue as 317   |
| 319 | Duplicate of 313;   |
| 320 | Repaired the evaluation script for PD Supplier test 11335. The original script assumed the continuation protocol; the test is conducted without continuation (a single response). |
| 321 | Made the test for data in the PID segment case insenstive. Did not change tests in other segments.  |
| 322 | Updated PD Consumer Test Plan document to make the requirements for QPD-1 more explicit.  |
| 325 | Issue resolved by user.   |
| 327 | Issue resolved by new rcs_schematron.xml from Keith   |
|     |   |

### 10.4 Other Updates

1. Modified the PDQ tests for PD Supplier. Made the RCP-2 field explicit in the test instructions to indicate if the test uses continuation. Repaired the query parameter in QPD-8 to use the proper CX notation for the Assigning Authority.
  2. Updated the documentation for these actors:
    - a. PD Supplier
    - b. Export Receiver/Selector actor (Radiology Teaching File/Clinical Trial profile). There were typos in the test instructions.
    - c. Report Creator. Cleared up some of the Cardiology test cases.
  3. Modified the application mesa\_update\_column. It now returns a status of 1 if the update to the database fails. This allows the perl scripts to capture an error condition.
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4. Added XDS-MS test case 12506 under iti/actors/doc\_src.
5. Modified script that generates Cardiology HL7 messages. This will fix issues related to Report Manager/Creator.
6. Repaired Cardiology Report Manager test 20530. Added mesa\_tests/card/actors/common. This folder was missing in the earlier release.
7. Added 12522 content quiz at mesa\_tests/iti/actors/doc\_cons/12522/grade\_12522.txt.  
This is related to XDS-MS: testcase#12522
8. Added sample CDA document at mesa\_tests/iti/messages/xds-ms/example1.xml. This is related to XDS-MS: testcase# 12521
9. Added PD Supplier and PD Consumer test 11312. This test is for the condition when the PD Supplier responds to a query with 0 matches. That is, there were no patients matching the search criteria.

## 11 Version 9.5.0: 11-Nov-2005

### 11.1 General Information Concerning 9.5.0

### 11.2 Open Bug Reports on MESA Bug System

| Bug    | Resolution   |
|--------|--|
| 9      | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.   |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 71     | Waiting for feedback from the person who issued the report.  |
| 72     | User requested other transfer syntaxes for MESA servers.   |
| 99     |  |
| 102    |  |
| 103    |  |
| 104    |  |
| 105    |  |
| 106    |  |
| 107    |  |

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| 109 |   |
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| 113 |   |
| 114 |   |
| 115 |   |
| 116 |   |
| 118 |   |
| 144 | ITI test 10133 is not implemented. This will be addressed in a later release.   |
| 147 | Display test 10143 is not implemented. This will be addressed in a later release.   |
| 153 | Need some further help from the system performing the test.   |
| 157 | NM Evidence Creator tests are not ready   |
| 160 | Order Filler test 100 is deferred   |
| 164 | No stress echo test data  |
| 170 | Waiting for feedback from issuer  |
| 181 | Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.  |
| 183 | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.   |
| 190 |   |
| 191 |   |
| 192 |   |
| 193 |   |
| 194 |   |
| 195 |   |
| 196 |   |
| 197 |   |
| 198 | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
| 199 |   |
| 201 |   |
| 202 |   |
| 203 |   |
| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents. |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |

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|     |   |
|-----|---|
| 235 |   |
| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
| 246 | Need some additional feedback from the user.  |
| 288 | OF-103 Doctors names not trimmed<br>MESA tests need work on evaluating Person Name fields. We do not properly evaluate when output of your system contains extra ^ delimiters. For these errors, submit log results with a reminder for us to look at the Person Name fields. |
| 290 | Some error in the C-Move transmission   |
| 294 | MESA Image Manager does not repositnd to HL7 messages from Order Filler under test.<br>Referred back to user to examine the wrapper used around the HL7 message.  |
| 297 | Error in eval scrip of ordfil 133 test;<br>Awaiting more data from submitter.   |
| 298 | Installation of RIS Mall  |
| 299 | MESA test #281 DICOM servers need to support more SOP class   |
| 300 | Note for next year – ED – CARD 1402 – 1404  |
| 301 | Faulty evaluation of MWL responses; duplicate of 288; to be fixed next year.  |
| 303 | TCE Profile Testcases (3001 & 3003).<br>Referred back with questions  |

### 11.3 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution   |
|-----|--|
| 302 | Repaired scripts so Export Receiver tests work under Windows                                 |
| 304 | Repaired typo in ecg_203xx.html to state SUMMARY – RADIOLOGY rather than SUMMARY-RADIOLOGY.  |
| 305 | Repaired Cardiology test scripts for 20101 and 20102   |
| 306 | Added mesa_tests/card/actors/common/20530<br>This folder was missing in the earlier release. |

### 11.4 Other Updates

1. Added tests for the NAV profile.
  2. Repaired Cardiology tests 20101 and 20102. There were improperly coded values in the test scripts that prevented the tests from operating.
  - 3.
-

## 12 Version 9.4.0: 6-Nov-2005

### 12.1 General Information Concerning 9.4.0

### 12.2 Open Bug Reports on MESA Bug System

| Bug    | Resolution   |
|--------|--|
| 9      | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.   |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 71     | Waiting for feedback from the person who issued the report.  |
| 72     | User requested other transfer syntaxes for MESA servers.   |
| 99     |  |
| 102    |  |
| 103    |  |
| 104    |  |
| 105    |  |
| 106    |  |
| 107    |  |
| 109    |  |
| 110    |  |
| 113    |  |
| 114    |  |
| 115    |  |
| 116    |  |
| 118    |  |
| 144    | ITI test 10133 is not implemented. This will be addressed in a later release.  |
| 147    | Display test 10143 is not implemented. This will be addressed in a later release.  |
| 153    | Need some further help from the system performing the test.  |
| 157    | NM Evidence Creator tests are not ready  |
| 160    | Order Filler test 100 is deferred  |
| 164    | No stress echo test data   |
| 170    | Waiting for feedback from issuer   |
| 181    | Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.   |
| 183    | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.  |
| 190    |  |
| 191    |  |

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|     |   |
|-----|---|
| 192 |   |
| 193 |   |
| 194 |   |
| 195 |   |
| 196 |   |
| 197 |   |
| 198 | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
| 199 |   |
| 201 |   |
| 202 |   |
| 203 |   |
| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents.   |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |
| 235 |   |
| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
| 246 | Need some additional feedback from the user.  |
| 288 | OF-103 Doctors names not trimmed<br>MESA tests need work on evaluating Person Name fields. We do not properly evaluate when output of your system contains extra ^ delimiters. For these errors, submit log results with a reminder for us to look at the Person Name fields. |
| 290 | Some error in the C-Move transmission   |
| 294 | MESA Image Manager does not repond to HL7 messages from Order Filler under test.<br>Referred back to user to examine the wrapper used around the HL7 message.   |

### 12.3 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution  |
|-----|---|
| 259 | Repaired dates in Order messages for Radiology tests 152 and 153.                                       |
| 275 | Declared this resolved; we believe this was repaired in an earlier release and are closing this report. |
| 281 | Added a rule in the HL7 rules files for ACK^A04. This is for both sets of rules that we maintain        |

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|     |   |
|-----|---|
|     | (Radiology/Cardiology and IT Infrastructure have slight differences).   |
| 282 | Repaired the text file that feeds the ADT messages for test 107 with the proper value for VISIT Indicator.  |
| 283 | Updated the table definitions to use varchar rather than just char from patid and issuer fields. This was causing some problems for the RID tests.                                      |
| 284 | Added the missing web files needed to test Information Source and Display actors. Updated the documentation for testing Information Source actor.                                       |
| 285 | Repaired the Unix Installation Manual as suggested.   |
| 286 | Repaired documentation for InformationSource actor as suggested.  |
| 287 | Added missing script. Repaired another script that was causing our server to have no link to the database. We could use confirmation from the person that everything has been repaired. |
| 293 | Repaired dates in Order messages for Radiology tests 152 and 153.   |
| 289 | Closed by the user.   |
| 295 | Display consistency data was missing from the distribution. We added links to the data.   |

## 12.4 Other Updates

4. Updated database tables for RID tests. If you are testing RID actors, use the procedure in the Installation Manual to delete and recreate the database tables. Other profiles are not affected.
  5. Added tests for the PAM Integration Profile. Please consult Kudu web tool to see which tests are required for your system.
  6. Repaired documentation for the Receiver actor (Radiology Teaching File/Clinical Trial profile). There were typos in the test instructions.
  7. Fix a bug in evaluate script for Teaching File and Clinical Trial Export.
  8. Fixed bugs related to Export Selector actor. These are with regards with to evaluating test cases 3001, and 3003.
  9. The test images and spreadsheets required to run some of the display consistency tests are missing from previous releases. The new distribution page now has a link to that data.
  10. Repaired PDQ tests 11311, 11315, 11320, 11325 to explicitly not use the Continuation Protocol. Still need to repair/implement test 11365 to exercise that feature. This means the ADT feeds for these tests have been changed and need to be run again.
    - a. Set the Response Limit sent to PD Suppliers to 10^RD.
  11. Repaired PIX tests 10501, 10502, 10506, 10512 to use a full qualified Assigning Authority in the Patient ID List (PID 3). The previous versions used only the strings “ADT1” and “ADT2”. These strings have been replaced with fully qualified names.
  12. Repaired the ADT feeds for PIX and PDQ tests:
    - b. Added a value for MSH 7, Message Date/Time
    - c. Removed the string \$LAST\_UPDATE\$ from PID 33. This is meant for other tests and is now empty in these ADT feeds.
-

- d. Replaced the simple assigning authority (ADT1, ADT2) with a fully qualified assigning authority.
- 13. Modified the clear\_xref\_mgr script to also clear the issuer table. Added scripts in the Postgres and SQL Server 2000 directories to accomplish this.
- 14. Repaired the start servers script for XREF consumers in windows environment. No database was specified, so all consumers received no response to PIX queries.

## 13 Version 9.3.0: 31-Oct-2005

### 13.1 General Information Concerning 9.3.0

### 13.2 Open Bug Reports on MESA Bug System

| Bug    | Resolution   |
|--------|--|
| 9      | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.   |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 71     | Waiting for feedback from the person who issued the report.  |
| 72     | User requested other transfer syntaxes for MESA servers.   |
| 99     |  |
| 102    |  |
| 103    |  |
| 104    |  |
| 105    |  |
| 106    |  |
| 107    |  |
| 109    |  |
| 110    |  |
| 113    |  |
| 114    |  |
| 115    |  |
| 116    |  |
| 118    |  |
| 144    | ITI test 10133 is not implemented. This will be addressed in a later release.  |
| 147    | Display test 10143 is not implemented. This will be addressed in a later release.  |

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|     |   |
|-----|---|
| 153 | Need some further help from the system performing the test.   |
| 157 | NM Evidence Creator tests are not ready   |
| 160 | Order Filler test 100 is deferred   |
| 164 | No stress echo test data  |
| 170 | Waiting for feedback from issuer  |
| 181 | Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.  |
| 183 | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.   |
| 190 |   |
| 191 |   |
| 192 |   |
| 193 |   |
| 194 |   |
| 195 |   |
| 196 |   |
| 197 |   |
| 198 | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
| 199 |   |
| 201 |   |
| 202 |   |
| 203 |   |
| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents. |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |
| 235 |   |
| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
| 246 | Need some additional feedback from the user.  |
| 281 | msgRules.ihe-iti missing ACKA04   |
| 282 | 107.102.a04.hl7 PV1-51 \$VISIT_INDICATOR\$ not defined  |
| 283 | "make database" ERRORS in CreateInfoSrcTables.csh   |
| 284 | missing file MESA_TARGET/html/rid/rid_101xx.html  |

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|     |  |
|-----|--|
| 285 | bugs in "Installation Guide Unix Binary Option" version 9.0  |
| 286 | copy/paste error in document "information source tests" V9.0 |
| 287 | PIX Query Tests 10501,10502, etc missing "clear_xrefmgr_tabl |
| 288 | OF-103 Doctors names not trimmed                             |
| 289 | Tests 103, 105, 131, probably others - 'Unable to produce un |
| 290 | Some error in the C-Move transmission                        |
| 293 |  |
| 294 |  |

### 13.3 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution   |
|-----|--|
| 284 | Added HTML files for RID tests and other required jar files. |
| 287 | Added perl script in this release.                           |
| 291 | Repaired the referenced Series UID in the sequence 0040 A375 |
| 292 | Repaired HL7 message definition file msgRules.ihe            |

### 13.4 Other Updates

15. Repaired the table defintions for the Information Source and Display actor tests in the RID profile. If you are testing the RID profile, you will need to drop the existing database and rebuild the database. This procedure is documented in the Installation Manual.
16. Added documentation for Report Creator test 600.
17. Updated document for Acquisition Modality and Evidence Creator test 1700 to make the intent more clear.

## 14 Version 9.2.0: 25-Oct-2005

### 14.1 General Information Concerning 9.2.0

### 14.2 Open Bug Reports on MESA Bug System

| Bug | Resolution   |
|-----|--|
| 9   | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21  | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |

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|        |  |
|--------|--|
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts. |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.          |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.          |
| 71     | Waiting for feedback from the person who issued the report.  |
| 72     | User requested other transfer syntaxes for MESA servers.   |
| 99     |  |
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| 118    |  |
| 144    | ITI test 10133 is not implemented. This will be addressed in a later release.  |
| 147    | Display test 10143 is not implemented. This will be addressed in a later release.                                    |
| 153    | Need some further help from the system performing the test.  |
| 157    | NM Evidence Creator tests are not ready  |
| 160    | Order Filler test 100 is deferred  |
| 164    | No stress echo test data   |
| 170    | Waiting for feedback from issuer   |
| 181    | Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.             |
| 183    | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.                              |
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| 198    | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.                                |
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| 203 |   |
| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents. |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |
| 235 |   |
| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
| 246 | Need some additional feedback from the user.  |
| 281 | msgRules.ihe-iti missing ACKA04   |
| 282 | 107.102.a04.hl7 PV1-51 \$VISIT_INDICATOR\$ not definet  |
| 283 | "make database" ERRORS in CreateInfoSrcTables.csh   |
| 284 | missing file MESA_TARGET/html/rid/rid_101xx.html  |
| 285 | bugs in "Installation Guide Unix Binary Option" version 9.0   |
| 286 | copy/paste error in document "information source tests" V9.0  |
| 287 | PIX Query Tests 10501,10502, etc missing "clear_xrefmgr_tabl  |
| 288 | OF-103 Doctors names not trimmed  |
| 289 | Tests 103, 105, 131, probably others - 'Unable to produce un  |
| 290 | Some error in the C-Move transmission   |

### 14.3 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution |
|-----|------------|
|     |            |

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## 14.4 Other Updates

18. Added XDS-MS tests for Document Sources. Some XDS-MS Document Source tests will be run as normal XDS tests with NIST. Some of the tests we are adding will be completed in the next release.
19. Added ATNA tests for Secure Nodes. This includes TLS communication and logging. Still need to work on documenting the Reliable Syslog Server that HIPAAT is lending to us for testing.

## 15 Version 9.1.0: 18-Oct-2005

### 15.1 General Information Concerning 9.1.0

### 15.2 Open Bug Reports on MESA Bug System

| Bug    | Resolution   |
|--------|--|
| 9      | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.   |
| 67     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 68     | Part of IHE-Europe extensions. We need to work with IHE-Europe to add as part of the baseline distribution.  |
| 71     | Waiting for feedback from the person who issued the report.  |
| 72     | User requested other transfer syntaxes for MESA servers.   |
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| 102    |  |
| 103    |  |
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| 116    |  |
| 118    |  |
| 144    | ITI test 10133 is not implemented. This will be addressed in a later release.  |

IHE/MESA Test Tools Release Notes – Version 9.10.5, 7-Apr-2006

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|     |   |
|-----|---|
| 147 | Display test 10143 is not implemented. This will be addressed in a later release.   |
| 153 | Need some further help from the system performing the test.   |
| 157 | NM Evidence Creator tests are not ready   |
| 160 | Order Filler test 100 is deferred   |
| 164 | No stress echo test data  |
| 170 | Waiting for feedback from issuer  |
| 181 | Error message about modalities in study is misleading, but this will not be fixed until after Jan, 2005.  |
| 183 | Image Manager test 111 is not implemented and will not be implemented before Jan, 2005.   |
| 190 |   |
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| 196 |   |
| 197 |   |
| 198 | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
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| 202 |   |
| 203 |   |
| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents. |
| 207 |   |
| 208 |   |
| 212 | Error when testing ADT A04 for ID Source  |
| 214 | Modality test 1305 missing  |
| 215 | PDC Test 11330 is not implemented   |
| 219 | Need to implement Reliable Syslog. That will not happen until at least May 2005.  |
| 220 | Needs to be removed or redefined. There is no ATNA event defined for System configuration.  |
| 221 | Eric Poiseau cannot post bugs to bugzilla system  |
| 223 | test spec for 10144 - RID/ECG   |
| 226 | incorrect implementation of type handling RID 10142, 10144, 1   |
| 235 |   |
| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
|     |   |
|     |   |
| 246 | Need some additional feedback from the user.  |
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### 15.3 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution  |
|-----|---|
| 270 | Repaired perl script per the suggestion of the submitter. This should help Order Filler test 20106.   |
| 271 | Agreed with the assessment of the submitter that we need to swap the prefix/suffix for names when going from HL7 to DICOM. Modified of_schedule application to do this. This will most likely show up in tests for Order Fillers as their evaluation will depend on the proper ordering of name components. |
| 273 | The MESA HL7 applications (hl7_rcvr, kill_hl7, send_hl7) on Windows systems died when sending a message because of a stack overflow. This was first discovered when running modality tests. The repair was to increase the stack size during the link procedure.  |
| 274 | Repaired the start_mesa_servers.bat script for the chg_proc actor.  |
| 277 | Updated the TLS certificates for the Secure Node tests. The previous version was released with expired certificates.  |
| 278 | TLS version of servers were repaired by generating new certificates for bug 277.  |
| 279 | Repaired the Image Manager script to handle the “PROFILE” verb and updated the 109 test script to send a query to Image Managers under test.  |
| 280 | Repaired this by adding the ITI test scripts to the release.  |

### 15.4 Other Updates

20. Updated SQL scripts to drop/create databases on Windows systems. If you are using the Windows version, you need to remove and reinstall the databases. This is described in the installation manual.
  21. Added a number of test cases/documentation for Cardiology domain:
    - e. Cath: Image Manager test 20106
    - f. Cath: Order Filler test 20106
    - g. Echo: Order Filler test 20205
    - h. DRPT: Report Creator test 20501
    - i. DRPT: Report Manager test 20501
    - j. DRPT: Report Creator Test 20502
    - k. DRPT: Report Manger test 20502
    - l. DRPT: Report Manager test 20503
    - m. DRPT: Enterprise Report Repository test 20503
    - n. DRPT: Report Creator test 20510
    - o. DRPT: Report Manager test 20511
    - p. DRPT: Report Manager test 20520
    - q. DRPT: Report Manager test 20530
-

- r. ED: Evidence Creator test 1700
  - s. ED: Acquisition Modality test 1700
  - t. ED: Image Manager test 20602
  - u. ED: Image Display/Report Creator test 20603
  - v. ED: Evidence Creator test 20640 (cath) and 20641 (echo)
  - w. ED: Evidence Creator test 20640 (cath) and 20641 (echo)
  - x. ED: Acquisition Modality test 20640 (cath) and 20641 (echo)
  - y. ED: Acquisition Modality test 20640 (cath) and 20641 (echo)
  - z. ED: Image Display test 20650 (cath) and 20651 (echo)
22. Minor change in the PWP Consumer Test document. Log results are no longer accepted by email.

## **16 Version 9.0.0: 20-Sep-2005**

### **16.1 General Information Concerning 9.0.0**

1. The XDS tests will be managed by NIST this year. That is not part of this release. We will contact them and get a schedule for that release.
  2. Not all Integration Profiles are represented in tests in this release. Those profiles that need work are:
    - DSG: Digital Signature
    - NAV: Notification of Document Availability
    - XDS-I: XDS for Imaging
    - ED: Evidence Documents (partial tests available)
    - ED-Card: Evidence Documents in Cardiology
    - ATNA: Audit Trail and Node Authentication
    - SEC: Basic Security
    - PDI: Portable Data for Imaging (need to synchronize with new software developed for RSNA demonstration)
  3. Expect another release on or about 29-Sep-2005.
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## 16.2 Open Bug Reports on MESA Bug System

| Bug    | Resolution   |
|--------|--|
| 9      | The software for tests 505 and 506 are both incomplete and will be incomplete with the 5.5.0 release. We have updated the documentation to make this more clear. We will complete the test software and correct the documentation in a future release. |
| 21     | MESA SR evaluation has difficulty when the tools encounter extra content items. To be repaired during Y5 development process.  |
| 33     | Report creator test 1511 is incomplete   |
| 64, 65 | Will be fixed as part of the process of changing scripts to use a common test engine rather than individual scripts.   |
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| 144    | ITI test 10133 is not implemented. This will be addressed in a later release.  |
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| 153    | Need some further help from the system performing the test.  |
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| 193    |  |
| 194    |  |
| 195    |  |

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|-----|---|
| 196 |   |
| 197 |   |
| 198 | Tests 151, 152, 153 were not included. 151 was added; 152 and 153 still require work.   |
| 199 |   |
| 201 |   |
| 202 |   |
| 203 |   |
| 204 |   |
| 205 | Need to rethink tests 10145 and 10146. IE always wants to send */* in the accept field, so it is hard to force a failure by configuring to only accept JPEG or PDF documents. |
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| 212 | Error when testing ADT A04 for ID Source  |
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| 242 | Need to update Modality tests to not assume automated protocol handling   |
| 243 | Accept field is ambiguous in TF. Need CP resolution to close this issue.  |
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|     |   |
| 246 | Need some additional feedback from the user.  |
|     |   |

### 16.3 Bugs Listed/Fixed on MESA Bug System

| Bug | Resolution |
|-----|------------|
|     |            |
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### 16.4 Other Updates

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