# TEST PLAN: FREQUENCY SPECTRUM MANAGEMENT (FSM)

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| **NO** | **Requirement** | **Test** | **Expected Result** | **Status** |
| 1. | Process License applications using a set criteria and issue licenses to approved applications | Create two test licenses for Land Mobile and Aircraft | Created test licenses, progressed, approved and generated the license. |  |
| 2. | Maintain an updated and searchable database of all applicants, licensees and license types held | Search for specific client | Searched for Telkom and saw all licenses listed in the system |  |
| 3. | Interface with LCS database on radio equipment type approval/acceptance resources | Create a type approval item from LCS and allocate the item to FSM | Created an Antenna for type approval and allocated the antenna to a Land Mobile license created in 1 |  |
| 4. | Interface with licensing unit of LCS on license status of telecom operators seeking the frequency resource and access their related documentation | Make VSAT application and forward it to FSM | VSAT application progresses from LCS then to FSM for frequency assignment |  |
| 5. | Interface with Compliance unit of LCS on compliance status of the licensees and receipt of compliance returns from licensees | Check under the information area for compliance status of AFSAT LCS licensee | AFSAT is shown together with its compliance status |  |
| 6. | Interface with the F&A department on invoicing, payment status and payment history of frequency licensees | Raise payment order from FSM and see Finance updates | While progressing test 1 application and license fee was generated and payments made in finance and record in FSM updated |  |
| 7. | Manage all documents related to FSM and share information with all relevant CCK departments | Update and track document changes on DMS | Uploaded test documents and tracked version changes and work flow progression |  |

### Functions: FREQUENCY Licensing UNIT

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| **NO** | **Requirements** | **Test** | **Expected Result** | **Status** |
| 1. | Maintain a database of all applicants, licensees and license types in the register of licenses | List and search licensee database | Listed all licensees and search for Telkom |  |
| 2. | Manage license applications and supporting documents in the DMS | Create Licensee folder and upload document on DMS | Created a Telkom folder, uploaded documents and retrieved them |  |
| 3. | Evaluate license applications for completeness | Checks done on receiving stage | Did an evaluation done on checking stage to see progression of license |  |
| 4. | Interface with F&A for payment instructions | Raise Payment order from FSM Module and see it in ERP | Raised an application fee on Telkom radio link license and viewed the transaction in ERP |  |
| 5. | Integration with Procurement for requisitions | Raise a requisition in FSM and check if it falls in procurement | Raised a requisition for stationary, approved requisition and checked it in procurement |  |
| 6. | Integrate with LCS for Telecom operators seeking the frequency resource | Make VSAT application and forward it to FSM | VSAT application progresses from LCS then to FSM for frequency assignment |  |
| 7. | Communicate to the license applicant on license status, notice due dates, validity periods | Raise email notice on license and payment status of license | Changed date to renewal data and got an email for validity of license and expiry notice. |  |
| 8. | Reminders on payment due dates | Raise email notice on license and payment status of license | When a payment was raised an email was sent to advice on invoice and on payment one was sent to indicate that the payment was done |  |
| 9. | Query the payment status of any licensee and license type | Check payment status | Checked payment status of Telkom Licenses and a flow was indicated if the Order was processed, if the invoice was raised and if the payment was received |  |
| 10. | Forward applications to CLC for evaluation and/or approval | Generate CLC report from of all license applicants | Generated CLC report for all licenses pending CLC process |  |
| 11. | Online provision of all requisite application forms | Check online forms | Logged into the extranet and evaluated requisite forms like RF3. |  |
| 12. | Avail reports to be accessed in the Intranet | Move to Reports Tab and preview Applicants report | Applicants reports available with various filters (name, date, service) |  |
| **NO** | **Requirements** | **Test** | **Expected Result** | **Status** |
| 13. | Update Licensee active status | Change licensee active status | Changed Telkom Active status to inactive then active again |  |
| 14. | Change a licensee’s administrative parameters | Select Licensee and change email address and telephone number | New parameters reflected in the information area |  |
| 15. | Interfacing with CPR for public notices on licensing requirements and awareness | Click the provided link in order to interact with CPR module | Link requests login credentials then allows user to view public information in the CPR module |  |
| 16. | Online processing of applications and eventually ability to email the license with the associated security features to the licensees | Out of scope | Out of scope |  |
| 17. | Interfacing with S&TA for Type approval/acceptance | An equipment to be type approved and allocated in FMS | Type approved an antenna in LCS system and allocated the type approved device to a station in FSM |  |
| 18. | Interface to complaints handling system | Log into the complaints system | FSM will only find and act on tickets forwarded to them |  |
| 19. | Interface with Compliance to access Licensee Compliance status | Check under the information area for compliance status of AFSAT LCS licensee |  |  |

### Functions: FREQUENCY MONITORING AND INSPECTION Unit

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| 1. | Integration with Procurement for requisitions | Raise a requisition in FSM and check if it falls in procurement | Raised a requisition for stationary, approved requisition and checked it in procurement |  |
| 2. | Access to F&A for licensee payment status (for both Annual operating and frequency fees) | Check payment status | Checked payment status of Telkom Licenses and a flow was indicated if the Order was processed, if the invoice was raised and if the payment was received |  |
| 3. | Avail reports to be accessed in the Intranet | Move to Reports Tab and preview Applicants report | Applicants reports available with various filters (name, date, service) |  |
| 4. | Interface with the consumer affairs for complaints handling | Log into the complaints system | FSM will only find and act on tickets forwarded to them |  |
| **NO** | **Requirements** | **Test** | **Expected Result** | **Status** |
| 5. | Interfacing with CPR for public notices on licensing requirements and awareness | Click the provided link in order to interact with CPR module | Link requests login credentials then allows user to view public information in the CPR module |  |
| 6. | Manage and share documents with relevant staff in the DMS | Update and track document changes on DMS | Uploaded test documents and tracked version changes and work flow progression |  |

### Functions: FREQUENCY PLANNING Unit

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| --- | --- | --- | --- | --- |
| 1. | Integration with Procurement for requisitions | Raise a requisition in FSM and check if it falls in procurement | Raised a requisition for stationary, approved requisition and checked it in procurement |  |
| 2. | Access to F&A for licensee payment status (for both Annual operating and frequency fees) | Check payment status | Checked payment status of Telkom Licenses and a flow was indicated if the Order was processed, if the invoice was raised and if the payment was received |  |
| 3. | Interface with LCS for returns form licensees and license status for telecom operators. | Log into the online returns module and upload some returns | Log into the backend and find uploaded returns |  |
| 4. | Interfacing with CPR for public notices on licensing requirements and awareness | Click the provided link in order to interact with CPR module | Link requests login credentials then allows user to view public information in the CPR module |  |