Introduction of Telecommunications Equipment Network Access License (NAL)

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September 2018
Course Objectives:
To provide a basic knowledge of China’s Network Access License (NAL) system for telecommunication equipment
Outline

• What is NAL
• Procedures of applying for NAL
• Obligation and Post-license supervision
Telecommunications terminal equipment, wireless communication equipment and equipment used in network interconnection shall be subject to a state-implemented license system for connecting to the public telecommunications networks.

What for

- Interconnection
- Network & information security
- Rights and interests of users and carriers
MIIT: Ministry of Industry and Information Technology
AQSIQ: General Administration of Quality Supervision, Inspection and Quarantine
ICTA: Information and Communications Technology Administration, MIIT
TECC: Telecommunications Equipment Certification Center, MIIT
Connecting Public Telecommunication Network's equipment used in network interconnection (13)
Conditions of Approval

- Meet the state and industry standards as well as provisions of MIIT.
- Have sufficient quality assurance system and post-sale service measures.
- Have been experimented for at least three months.
- Meet other relevant state laws and regulations.

*Wireless equipment, equipment used in network interconnection and equipment without state standards and industry standards

- Experiment: on the networks or on the imitated experiment network.
Outline

• What is NAL
• **Procedures of applying for NAL**
• Obligation and Post-license supervision
The Documents of Applications

9 documents should be submitted

<table>
<thead>
<tr>
<th>Application</th>
<th>Business License</th>
<th>Introduction of the Applicant</th>
<th>Certificate of Quality System Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction of Telecom Equipment</td>
<td>Test Report</td>
<td>Type Approval Certification (Radio Transmission Equipment)</td>
<td>Documents required by other relevant regulations</td>
</tr>
</tbody>
</table>

the overall technological schemes and experiment reports
Application & Acceptance

- Telecommunications Equipment Certification Center
- Accepting the application if the files are complete and in conformity with the statutory form
- If not, informing the applicant of what needs to be supplemented or corrected all at once

ICTA, MIIT
Expert evaluation*
issuing NAL if the files meet the requirements
If not, send paper replies to the applicant

Examination & Decision

60 days
Wireless equipment, equipment used in network interconnection and equipment without state and industry standards

being organized by ICTA within 45 days
(not being reckoned in the 60 days time limit)

Experts from carriers, academia, governments, test agencies

To evaluate the test reports, the overall technological schemes and experiment reports
Modification
◆ technological or exterior changes
◆ contents prescribed in the NAL have been changed

Renewal
◆ applying for the NAL over again 3 months before the NAL expires
◆ returning the former license
## Procedures for New technology

- equipment without state and industry standards

To encourage the application of new technologies, MIIT grants trial license to device applying new technologies.

<table>
<thead>
<tr>
<th>Evaluation</th>
<th>Test</th>
<th>Application &amp; Acceptance</th>
<th>Examination &amp; Decision</th>
<th>Renewal</th>
</tr>
</thead>
</table>
| • Industrial policy  
• China’s national condition  
• Network & information security  
• Interconnection, and fair competition among carriers  
• Advancement of the technology  
• Application status in international and domestic markets  
• Progress of international and domestic standards  
• Referring to international / consortium/ enterprise standards  
• Same as other device  
• trial license  
• Valid term is less than 1 year  
After the national or industry standards being released, the manufacturer could apply to change the trial license to a formal license. |
## License & Label

<table>
<thead>
<tr>
<th>Valid Term</th>
<th>3 years</th>
<th>Less than 1 year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>License</strong></td>
<td><img src="image1.png" alt="Image 1" /></td>
<td><img src="image2.png" alt="Image 2" /></td>
</tr>
<tr>
<td><strong>NAL label</strong></td>
<td><img src="image3.png" alt="Image 3" /></td>
<td><img src="image4.png" alt="Image 4" /></td>
</tr>
</tbody>
</table>

2018/9/4
By October 2017, more than 7,300 licenses are granted to over 89,000 manufactures.

About 1,800 manufacturers hold 14,000 valid licenses.

MIIT publishes the list of equipment and manufacturers which have obtained the network access licenses every 2 weeks on its website.
• Foreign applicant should authorize a domestic agency to submit the application.
• The applicant may submit the application in personal presence, by mail or online (50% in total, 95% for mobile phones).
• Documents should be written in Chinese.
Outline

• What is NAL
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• Obligation and Post-license supervision
The manufacturing enterprises shall:

- **Bearing label**
  affix the label on their telecommunication licensed equipment. The labels shall be printed and issued by MIIT.

- **Consistency**
  keep consistency of the licensed equipment before and after obtaining the license and shall not lower quality.

- **Indicating the serial number**
  indicate the serial number on the packages and in the published advertisements.

- **After-sale service**
  fulfill the statutory obligations of after-sale service, such as repair, exchange and return.
Inspection and Supervision

**Annual inspection**
- conducted by the provincial branches of MIIT
- submitting the Annual Inspection Form at the beginning of the December every year

**Post-license Supervision**
- conducted by ICTA
- to check consistency of equipment before and after obtaining the network access license
THANK YOU!
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