CRSRA Updates

28th Meeting of ACCRES
Tahara Dawkins, Director
October 28, 2020
Overview

• Metrics Since July 20, 2020
• 2020 CRSRA Post-Final Regulation Timeline
• Implementation
• FAQs
• Waivers / Modifications / Appeals
• Tiering Benchmarks...Foreign Data
• Conclusion
29 Initial Contact Forms have been received since July 20

9 license application received since July 20

6 new licenses started and completed under the new regulations

Previous average processing times
  • CY 20 (12 licenses) 43 days
  • CY 19 (23 licenses) 65 days

CRSRA is currently processing 3 license applications

| Tier 1 | 56 |
| Tier 2 | 3  |
| Tier 3 | 16 |

*Current as of 10/23/2020*
May 20, 2020 – Release of the new regulations posted on Federal Register

June – All tier determinations complete and sent to USG interagency partners

July 20, 2020 – New regulations go into effect

July 21, 2020 – Notification of change to Kyl-Bingaman resolution posted in Federal Register

August, 2020 – Resolution of 18 Contested Licenses

October 15, 2020 - First Annual Certification

And Beyond...
Implementation... So Far

79 Licenses Reissued

6 New Licenses Issued

Website Updates

Annual Certification
FAQs

• Are my sensors considered to be mission assurance sensors?

• Why are you only comparing my capabilities with what foreign competitors are doing now as opposed to what will be available when I launch?

• I am a foreign satellite owner planning to image the Earth, do I require a NOAA license?

• Can I request a modification to modify standard license conditions?

• What should I do if information in my license is incorrect?
Waivers / Modifications / Appeals

What is a ..... 

Waiver

VS

Modification

VS

Appeal
## Tiering Benchmarks...Foreign Data

<table>
<thead>
<tr>
<th>Phenomenology</th>
<th>Foreign Benchmark</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence (Best Revisit)</td>
<td>SAR = 6 hr</td>
<td>Italy</td>
</tr>
<tr>
<td></td>
<td>PAN/MSI = 1 hr</td>
<td>China</td>
</tr>
<tr>
<td>PAN</td>
<td>0.5m</td>
<td>China</td>
</tr>
<tr>
<td>X-Band SAR</td>
<td>1m (ground plane)</td>
<td>Finland, Germany, Italy</td>
</tr>
<tr>
<td>C-Band SAR</td>
<td>1-3m (ground plane)</td>
<td>Canada</td>
</tr>
<tr>
<td>MSI</td>
<td>1m</td>
<td>Argentina</td>
</tr>
<tr>
<td>HSI</td>
<td>5m</td>
<td>China</td>
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<tr>
<td>SWIR</td>
<td>20m</td>
<td>Europe</td>
</tr>
<tr>
<td>MWIR</td>
<td>5.5m</td>
<td>S. Korea</td>
</tr>
<tr>
<td>Video (VNIR)</td>
<td>0.92m (25FPS)</td>
<td>China</td>
</tr>
</tbody>
</table>
Conclusion

CRSRA has adopted and implemented new Commercial Remote Sensing regulations that enhance US competitiveness

• Operators are seeing reduced regulation and improved processing times
• 3-level tiering based on data availability
• Reduced compliance paperwork (annual vs quarterly updates, no DPP)
• Majority of licenses are Tier 1 with minimal operating conditions