<table>
<thead>
<tr>
<th>Registry Service</th>
<th>Applicable RFCs</th>
<th>Prior ICANN Approval and Evidence of Compliance</th>
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| **A. Receipt of data from registrars concerning registrations of domain names and name servers** | RFC 3915: Domain Registry Grace Period Mapping  
RFC 5730: Extensible Provisioning Protocol  
RFC 5731: EPP Domain Name Mapping  
RFC 5732: EPP Host Mapping  
RFC 5733: EPP Contact Mapping  
RFC 5734: EPP Transport over TCP  
RFC 5910: DNS Security Extensions Mapping for the EPP | • Currently implemented on .com; validated by ICANN during 1 March 2006 registry transition to delegation process.  
• Currently implemented on .net; validated by ICANN during 29 June 2005 registry transition to delegation process. |
| **B. Dissemination of TLD zone files** | RFC 1034: Domain Names – Concepts and Facilities  
RFC 1035: Domain Names – Implementation and Specification  
RFC 1101: DNS Encoding of Network Names and Other Types  
RFC 1123: Requirements for Internet Hosts – Application and Support  
RFC 1982: Serial Number Arithmetic  
RFC 1996: A Mechanism for Prompt Notification of Zone Changes  
RFC 2181: Clarifications to the DNS Specification  
RFC 2182: Selection and Operation of Secondary DNS Servers  
RFC 2308: Negative Caching of DNS Queries  
RFC 2671: Extension Mechanisms for DNS  
RFC 3226: DNSSEC and IPv6 A6 Aware Server/Resolver Message Size Requirements  
RFC 3596: DNS Extensions to Support IP Version 6  
RFC 3597: Handling of Unknown DNS Resource Record Types  
RFC 3671: Collective Attributes in the Lightweight Directory Access Protocol  
RFC 3901: DNS IPv6 Transport Operational Guidelines  
RFC 4343: Domain Name System Case Insensitivity Clarification  
RFC 4472: Operational Considerations and Issues with IPv6 DNS  
RFC 5156: Special-Use IPv6 Addresses  
RFC 5358: Preventing Use of Recursive Name Servers in Reflector Attacks  
RFC 5735: Special Use IPv4 Addresses  
RFC 5966: DNS Transport over TCP – Implementation Requirements | • Currently implemented on .com; validated by ICANN during 1 March 2006 registry transition to delegation process.  
• Currently implemented on .net; validated by ICANN during 29 June 2005 registry transition to delegation process. |
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| C. Dissemination of contact and other information concerning domain name registrations (i.e., Whois service) | RFC 3912: Whois Protocol Specification | • Currently implemented on .com; validated by ICANN during 1 March 2006 registry transition to delegation process.  
• Currently implemented on .net; validated by ICANN during 29 June 2005 registry transition to delegation process. |
| D. IDNs | At this time, fTLD Registry Services, LLC (FRS) does not plan to offer IDNs. If it offers IDNs in the future, FRS will contact ICANN to initiate the ICANN processes required to gain the applicable approvals to offer IDN services. |  |
| E. DNSSEC | RFC 4033: DNS Security Introduction and Requirements  
RFC 4034: Resource Records for the DNS Security Extensions  
RFC 4035: DNSSEC Protocol Modifications for the DNS Security Extensions  
RFC 4509: Use of SHA-256 in DNSSEC Delegation Signer Resource Records  
RFC 4641: DNSSEC Operational Practices  
RFC 5155: DNS Security Hashed Authenticated Denial of Existence  

Attachment 23-2: ICANN RFC Compliance. Verisign currently operates TLDs in full compliance with each registry service’s applicable RFC(s). Each listed Verisign service has been previously approved by ICANN and is now operational on registries under Verisign management.