IT Project Status — January 2016

# Report to the Administration & Finance Committee of the ARRL Board of Directors

As of the start of 2016, the status of the IT projects identified in the ARRL 2015-2016 & 2016-2017 Plans are summarized in Table 1 (below).

During the fourth quarter of 2015, web applications software development efforts were directed towards projects identified in the ARRL 2015 Plan as being of high priority, specifically:

1. *Logbook of the World support for the National Parks on the Air Event*

Supported test and release by Trusted QSL of a new version (2.2) of TQSL, the LoTW client-side application.

Coded, tested and deployed enhancements to LoTW in order to support NPotA event

1. *AIS Membership & Subscriptions Module*

Continue conceptual design and requirements collection from stakeholders.

1. *Field Service Reporting*

Testing with the Tennessee Section

1. *Education project*

Continued coding.

1. *Ads on Logbook of the World Web Pages*

Modified design of LoTW pages to accommodate ads.

In the infrastructure (hardware) area, the following project continued during the 4th quarter:

1. Deployment plan for establishing perimeter network for externally visible servers (“DMZ”) was changed to avoid any extended downtime of the web store during holiday shopping season. Current plan is to resume work next weekend (Jan 22/23).

Table 1 — IT Project Status (January 2016)

Table 1a — Web Application Software Development Projects (January 2016)

|  |  |  |  |
| --- | --- | --- | --- |
| **Priority**  | **Project** | **Phase** | **Status** |
| **Complete** | **ETC — Effort****(person-months)** |
| High (2015) | National Parks on the Air Operating Event | Complete | 100% | N/A |
| High (2013) | AIS Affiliated Club Module | Complete | 100% | N/A |
| High (2014) | AIS Advertising Module | Complete | 100%  | N/A |
| High (2016) | AIS Membership/Subscription/Development Module | Inception | 5% | 9 |
| High (2016) | AIS Membership — Web membership application/renewal | Inception | 5% | 3 |
| High (2016) | AIS Membership — Automatic renewal of membership | Inception | 5% | 3 |
| High (2016) | AIS Membership — Account management | Elaboration | 15% | 13 |
| High (2016) | AIS Education Module | Construction | 80% | 1 |
| High (2016) | Field Organization Reporting | Construction | 70% | 1 |
| High (2016) | Replacement for DXCC (“ATS”) system | Construction | 35% | 10 |
| ~~High (2015)~~ | ~~Web service subscription interface for Digital QEX~~ | ~~Inception~~ | ~~0%~~ | ~~2~~ |
| High (2016) | Web service for VEC portal | Inception | 0% | 2 |
| Medium (2014) | Upgrade ARRL web site software components | Elaboration | 10% | 3 |
| Medium (2016) | Improve tools for ARRL electronic newsletters | Inception | 0% | 2 |
| Medium (2014) | Authentication web service for exam generation | Inception | 0% | 2 |
| Medium (2016) | “Contest 2020” Phase 2 | Inception | 0% | 2 |
| Medium (2016) | “Contest 2020” Phase 1 | Transition | 60% | 2 |
|  |  |  | Total Effort | 45 |
|  |  |  | Available Effort | 30 |
|  |  |  | Commitments | 150% |

Table 1 — IT Project Status (January 2016) – cont.

Table 1b — LoTW Software Development Projects (January 2016)

|  |  |  |  |
| --- | --- | --- | --- |
| **Priority** | **Project** | **Phase** | **Status** |
| **Complete** | **ETC — Effort****(person-months)** |
| High (2016) | Place ads on LoTW pages  | Transition | 95% | 0.1 |
| High (2016) | Add new awards (award sponsor API)  | Transition | 95% | 0.1 |
| High (2016) | Improvements to user interface (Logbook web site redesign)  | Inception | 0% | 12 |
| High (2015) | Update administration and awards management screens  | Inception | 0% | 6 |
| Medium (2014) | Code maintenance and upgrade SAP database classes | Transition | 99% | 0.10 |
| Medium (2014) | Instrument, monitor and tune database performance | Construction | 50% | 1 |
| Medium (2014) | Establish a Logbook of the World co-location site. | Transition | 90% | 0.50 |
| Medium (2014) | Add ARRL 5-Band award (WAS) | Complete | 100% | 0 |
| Medium (2014) | Add ARRL 5-Band awards (DXCC) | Construction | 50% | 0.50  |
|  |  |  | Total Effort | 20.6 |
|  |  |  | Available Effort | 28 |
|  |  |  | Commitments | 74% |

Table 1 — IT Project Status (January 2016) – cont.

Table 1c — Infrastructure Projects (January 2016)

|  |  |  |  |
| --- | --- | --- | --- |
| **Priority** | **Project** | **Phase** | **Status** |
| **Complete** | **ETC — Effort****(person-months)** |
| High (2015) | Upgrade MS Great Plains to latest | Complete | 100% | N/A |
| High (2015) | Install boundary firewall | Complete | 100% | N/A |
| High (2015) | Install perimeter firewall | Construction | 75% | 0.1 |
| High (2015) | Upgrade McAfee anti-virus/anti-malware protection suite | Complete | 100% | N/A |
| High (2015) | Deploy McAfee Complete Endpoint Protection module | Complete | 100% | N/A |
| High (2015) | Deploy McAfee Web Security module | Complete | 100% | N/A |
| High (2015)  | Security / vulnerability assessment by external consultant | Complete | 100% | N/A |
| High | Implement migration plans for Windows Server 2003 servers | Complete | 100% | N/A |
| Medium | Configure & deploy Network Monitoring Center | Complete | 100% | N/A |
| Medium (2015)  | Deploy McAfee Host Intrusion Prevention s/w | Complete | 100% | N/A |
| Medium (2015) | Deploy security policy changes to HQ servers | Complete | 100% | N/A |
| Medium (2016) | Deploy security policy changes to HQ desktop users | Transition | 90% | 0.25 |
| Low (2014) | Upgrade HW desktop systems to MS Office 2013 / Office 365 | Complete | 100% | N/A |
|  |  |  | Total Effort | .35 |
|  |  |  | Available Effort | 24 |
|  |  |  | Commitments | 1% |