

# HabITS Release Notes

- 5.22.3 - 07/15 /2022
- Change
- Task
- 5.22.2 - N/A (skipped release number)
- 5.22.1 - 12 Jul 2022
- Change
- Task
- Bug
- 5.22.0 - 22 Jun 2022
- Change
- Task
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- Epic
- Story
- 5.21.3 - 12 May 2022
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- Task
- Defect
- 5.21.2 - 09 May 2022
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- Task
- Defect
- 5.21.1 - 17 Mar 2022
- Change
- Task
- Story
- 5.21.0 - 10 Feb 2022
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- Research or Investigation
- 5.20.1 / 5.20.2 - 11 Jan 2022
- Change
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- Defect
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- 5.19.16 -10 /06/2021 | 01 Nov 2021
- Change
- Task
- Story
- Defect
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- Change
- Task (subtask)
- Task
- 5.19.14 - 31 Aug 2021
- Change
- Task
- 5.19.13 - 31 Aug 2021
- Change (subtask)

- Task
- Defect
- 5.19.12 - 25 Aug 2021
- Change
- Defect
- Documentation

- 5.19.11 - 25 Aug 2021
- Change
  - Task
  - Defect

- 5.19.10 - 11 Aug 2021
- Change
  - Task
  - Defect

- 5.19.9 - 12 Jul 2021
- Change
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- 5.19.8 - 24 Jun 2021
- Change
  - Task
  - Defect

- 5.19.7 - 10 Jun 2021
- Change
  - Task

- 5.19.6 - 28 May 2021
- Change
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  - Documentation
  - Systems

- 5.19.5 - 24 May 2021
- Change
  - Task

- 5.19.4 - 20 May 2021
- Change
  - Task
  - Defect

- 5.19.3 - 12 May 2021
- Change
  - Task
  - Story
  - Defect
  - Research or Investigation

- 5.19.2 (supplemental)  
16 Apr 2021
- Task

- 5.19.2 - 24 Mar 2021
- Change
  - Task
  - Story
  - Defect
  - Research or Investigation

- 5.19.1 (supplemental)-  
23 Mar 2021
- Task
  - Defect

- 5.19.1 - 21 Jan 2021
- Change
  - Task

- 5.19.0 - 21 Jan 2021
- Change
  - Task
  - Story

- Defect
- Documentation

5.18.4 - 09 Nov 2020

- Change (subtask)
- Task

5.18.3 - 05 Nov 2020

- Change
- Task

5.18.2 - 02 Nov 2020

- Change (subtask)
- Task

5.18.1 - 27 Oct 2020

- Change
- Task
- Defect

5.18.0 - 08 Oct 2020

- Task
- Defect

5.17.5 - 04 Sep 2020

- Change
- Task

5.17.4 - 31 Aug 2020

- Change

5.17.3 - 31 Aug 2020

- Change
- Defect

5.17.2 - 28 Aug 2020

- Change
- Task

5.17.1 - 25 Aug 2020

- Change
- Task

5.17.0 - 24 Aug 2020

- Change
- Task
- Story
- Defect

5.16.4 - 27 Jul 2020

- Change
- Task

5.16.2 / 5.16.3 - 30 Jun 2020

- 5.16.3
- Change
- Defect
- 5.16.2
- Task
- Story

5.16.1 - 09 Jun 2020

- Change
- Story
- Defect
- Research or Investigation

5.16.0 - 20 May 2020

- Change
- Task
- Story
- Defect
- Research or Investigation

5.15.14 - 04 Mar 2020

- Change
- Task

5.15.13 - 10 Jan 2020

- Change
- Defect

5.15.12 - 05 Dec 2019

- Change
- Task

5.15.11 - 14 Nov 2019

- Change
- Task
- Story
- Defect

5.15.10 - 04 Oct 2019

- Change (subtask)
- Task

5.15.9 - 03 Oct 2019

- Change (subtask)
- Task
- Defect

5.15.8 - 04 Sep 2019

- Change
- Defect

5.15.7 - 30 Aug 2019

- Change
- Task
- Defect

5.15.6 - 06 Aug 2019

- Change
- Task
- Defect
- Story

5.15.5 - 26 Jun 2019

- Change
- Defect

5.15.4 - 25 Jun 2019

- Change
- Task (subtask)
- Task
- Defect
- Story

5.15.3 - 01 May 2019

- Change
- Defect
- Research or Investigation
- Task

5.15.2 - 30 Apr 2019

- Change
- Task (subtask)
- Task
- Story

5.15.1 - 14 Mar 2019

- Change
- Defect

5.15.0 - 06 Feb 2019

- Change
- Task (subtask)
- Task
- Defect
- Story

- 5.14.21 - 01 Feb 2019
  - Change
  - Defect
- 5.14.20 - 11 Dec 2018
  - Change
- 5.14.19 - 06 Dec 2018
  - Change
- 5.14.18 - 03 Oct 2018
  - Task (subtask)
  - Change (subtask)
- 5.14.17 - 02 Oct 2018
  - Change (subtask)
  - Task
- 5.14.16 - 20 Sep 2018
  - Change
  - Defect
- 5.14.15 - 06 Sep 2018
  - Change
  - Defect
- 5.14.14 - 04 Sep 2018
  - Change
  - Task
- 5.14.13 - 31 Aug 2018
  - Change
  - Defect
- 5.14.12 - 30 Aug 2018
  - Change
- 5.14.11 - 30 Aug 2018
  - Change
  - Task
  - Defect
  - Story
- 5.14.10 - 29 Aug 2018
  - Change
  - Task
  - Defect
- 5.14.9 - 08/28/2018
  - Change
  - Task
- 5.14.8 - 08/15/2018
  - Change
  - Task
  - Defect
- 5.14.7 - 07/05/2018
  - Change
  - Defect
- 5.14.6 - 06/28/2018
  - Change
- 5.14.5 - 06/27/2018
  - Change
  - Defect
  - Story
- 5.14.4 - 06/06/2018
  - Change
  - Story
- 5.14.3 - 03/26/2018
  - Change
  - Task
  - Defect

- 5.14.2 - 03/01/2018
  - Change
  - Task
- 5.14.1 - 02/08/2018
  - Change
  - Task
  - Defect
  - Story
- 5.14.0 - 12/29/2017
  - Change
  - Task
  - Defect
  - Story
- 5.13.10 - 10/24/2017
  - Defect
- 5.13.9
  - Task
- 5.13.8
  - Change (subtask)
  - Task
- 5.13.7 - 9/8/2017
  - Defect
- 5.13.6 - 9/7/2017
  - Story
  - Defect
- 5.13.5 - 9/1/2017
  - Story
  - Defect
- 5.13.4 - 8/18/2017
  - Story
  - Defect
- 5.13.3 - 8/12/2017
  - Defect
- 5.13.2 - 8/11/2017
  - Task
  - Story
  - Research or Investigation
  - Administrative task
  - Defect
- 5.13.1.1 - 7/14/2017
  - Story
  - Defect
- 5.13.1 - 7/10/2017
  - Defect
- 5.13.0 - 7/10/2017
  - Task (subtask)
  - Task
  - Documentation
  - Story
  - Research or Investigation
  - UAT Finding
  - Defect
- 5.12.2 - 6/22/2017
  - Story
  - Defect
- 5.12.1 - 6/15/2017
  - Defect

#### 5.12.0 - 6/15/2017

- Summary
  - Strategic Plan Activity Entry
  - Strategic Plan Targets and Progress
- Task (subtask)
- Task
- Story
- Defect

#### 5.11.3

- Summary
- Task
- Defect

#### 5.11.2

- Summary
- Task
- Defect

#### 5.11.1

- Summary
- Task
- Defect

#### 5.11.0

- Summary
- Task
- Documentation
- Story
- Defect

#### 5.10.0

- Summary
- Task
- Administrative task
- Documentation
- Story
- Defect

### 5.22.3 - 07/15/2022

#### Change

- [\[HABF-4003\]](#) - Release 5.22.2 to Production

#### Task

- [\[HABF-3923\]](#) - Hide the Focus Area Targets and Progress section
- [\[HABF-3996\]](#) - Add In-Kind to the Partner Summary Report
- [\[HABF-4001\]](#) - Accomplishment Partner Summary Report showing duplicate rows in Financials Summary Section

### 5.22.2 - N/A (skipped release number)

### 5.22.1 - 12 Jul 2022

#### Change

- [\[HABF-4000\]](#) - Release 5.22.1 to Prod

## Task

- [\[HABF-3905\]](#) - Add Secretarial Order Type as Accomplishment CDE Output/Filter
- [\[HABF-3998\]](#) - Partner Summary Report PDF Graph weird formatting
- [\[HABF-4002\]](#) - Adding Partner Type "Conservation Districts" and fill with existing HabITS Partner names

## Bug

- [\[HABF-3994\]](#) - Canned Reports PDF fail to run on server environments

## 5.22.0 - 22 Jun 2022

### Change

- [\[HABF-3990\]](#) - Release 5.22.0 to Prod

## Task

- [\[HABF-3935\]](#) - Create Measure Calculation Springboot app.
- [\[HABF-3951\]](#) - Build algorithm architecture
- [\[HABF-3954\]](#) - Integrate OpenAPI and build Swagger UI page for triggering measures
- [\[HABF-3955\]](#) - Setup a new Jenkins jobs for new Measures App deployments
- [\[HABF-3959\]](#) - Improve Swagger UI page for better UI experience
- [\[HABF-3960\]](#) - Release the measures app to Prod
- [\[HABF-3961\]](#) - Integrate Task scheduling
- [\[HABF-3975\]](#) - Change the "Activity Type" filter for the Strategic Plan Filtering Report to be a single select
- [\[HABF-3977\]](#) - Create an Active Accomplishment GRLI report
- [\[HABF-3981\]](#) - HabITS - Confluence Hyperlink Rework
- [\[HABF-3984\]](#) - SAGE BIL Updates to Accomplishment Infrastructures
- [\[HABF-3986\]](#) - Add Infrastructure Type LUT to the Lookup Table Management Interface
- [\[HABF-3987\]](#) - Add Infrastructure to Accomplishment CDE
- [\[HABF-3992\]](#) - Turn off Activiti on all Environments for HabITS

## Defect

- [\[HABF-3979\]](#) - Detail Reports throw error
- [\[HABF-3989\]](#) - Species Summary Report throws error
- [\[HABF-3991\]](#) - Partner Summary Report fails for Ducks Unlimited (DU)

## Epic

- [\[HABF-3938\]](#) - Habits measures migration work

## Story

- [\[HABF-3939\]](#) - Implement Number of Outreach Activities metric
- [\[HABF-3940\]](#) - Implement "Number of Employee Development Activities or Events" metric
- [\[HABF-3941\]](#) - Implement "100% of Projects Have Completed Level 1 Monitoring: Implementation..." metric
- [\[HABF-3942\]](#) - Implement Annual Partnerships metric
- [\[HABF-3943\]](#) - Implement Annual Private Land Owner Agreements metric
- [\[HABF-3944\]](#) - Implement Percent Leveraged Projects (Dollars Leveraged for Projects) metric
- [\[HABF-3945\]](#) - Implement Produce or Publish an Annual Accomplishment Report metric
- [\[HABF-3964\]](#) - Add "Infrastructure" tab to Accomplishment form

## 5.21.3 - 12 May 2022

### Change

- [\[HABF-3969\]](#) - Release 5.21.3 to Production
- [\[HABF-3982\]](#) - Set All Accomplishments to PFW for Project list (06/08/2022)

## Task

- [\[HABF-3970\]](#) - Update gp-solr-data-export plugin to 1.119



## Defect

- [\[HABF-3933\]](#) - Completion FY does not work with > or < in CDE
- [\[HABF-3967\]](#) - SPA Targets and Progress Page doesn't persist changes to the target fields.

## 5.21.2 - 09 May 2022

### Change

- [\[HABF-3966\]](#) - Release 5.21.2 to Production

### Task

- [\[HABF-3934\]](#) - Migrate Gen 4 Metrics Calculation to SpringBoot Webservices
- [\[HABF-3946\]](#) - Put Accomplishment Allocation Contribution Fiscal Year back
- [\[HABF-3950\]](#) - New Canned Report - Great Lakes Restoration Initiative
- [\[HABF-3953\]](#) - Add "Pollinators" the Special Funding Category to the 1913 FWS Sub-Activity
- [\[HABF-3973\]](#) - Add National Priorities to the Accomplishment CDE

## Defect

- [\[HABF-3952\]](#) - Using State filter in Advanced Reports doesn't work.
- [\[HABF-3962\]](#) - Cannot create a new Technical Assistance Activity
- [\[HABF-3965\]](#) - Partner and Partner Type fields not working in CDE

## 5.21.1 - 17 Mar 2022

### Change

- [\[HABF-3949\]](#) - Release 5.21.1 to Production

### Task

- [\[HABF-3881\]](#) - Adding a way to track National Priorities
- [\[HABF-3933\]](#) - Completion FY does not work with > or < in CDE

### Story

- [\[HABF-3780\]](#) - Project Partner Summary Report
- [\[HABF-3910\]](#) - Update shapefile column names
- [\[HABF-3921\]](#) - Filters don't work with shapefile export

## 5.21.0 - 10 Feb 2022

### Change

- [\[HABF-3932\]](#) - Release 5.21.0 to Production

### Task

- [\[HABF-3869\]](#) - Partnerships Report
- [\[HABF-3873\]](#) - New Focus Area Targets Layout
- [\[HABF-3922\]](#) - Rename "Focus Area Status" report to "Gen1-3 Focus Area Status"
- [\[HABF-3923\]](#) - Hide the Focus Area Targets and Progress section
- [\[HABF-3924\]](#) - Add Partner Type to the CDE
- [\[HABF-3931\]](#) - New Focus Area Report for Partner/Landowner Info

## Defect

- [\[HABF-3884\]](#) - Accom CDE fields reporting incorrect info - Secondary and Other Trust Resource Benefits

## Research or Investigation

- [\[HABF-3748\]](#) - Hyperlinks in Excel Exports - Didn't work with JOSSO but can we get it to work for [Login.gov?](#)

## 5.20.1 / 5.20.2 - 11 Jan 2022

### Change

- [\[HABF-3929\]](#) - Deploy Log4J Fixes to Prod

### Task

- [\[HABF-3926\]](#) - Update HabITS LOG4J to 2.17

## 5.20.0 - 15 Nov 2021

### Change

- [\[HABF-3913\]](#) - Release 5.20.0 to Production

### Task

- [\[HABF-3785\]](#) - Add Notes on Nightly vs Live Data in Summary Reports
- [\[HABF-3885\]](#) - Update names for some strategic plan measures
- [\[HABF-3898\]](#) - Quartz job to perform Focus Area Intersections for ALL Focus areas in Generation 3
- [\[HABF-3901\]](#) - Rename Financials column in CDE

### Defect

- [\[HABF-3730\]](#) - Mapper does not load shapes locally or on Beta or QA
- [\[HABF-3747\]](#) - Exporting Multipolygon Shapefiles do not export correctly
- [\[HABF-3805\]](#) - Searching for Species in Project Species list throws app error.
- [\[HABF-3872\]](#) - Fix Invalid geom for Accomplishments #1608869 and #1608991
- [\[HABF-3882\]](#) - Can't add new filters to saved Custom Data Exports (CDE)
- [\[HABF-3915\]](#) - Project Performance Total Report is reporting incorrect numbers compared to the List Report

## Research or Investigation

- [\[HABF-3706\]](#) - Roll-up Accomplishment Allocation data into Project Contribution Data

## 5.19.16 -10/06/2021 | 01 Nov 2021

### Change

- [\[HABF-3858\]](#) - EOY 2021 | Phase 3 | Produce a Snapshot of 2021 Performance data and disable Cron Job
- [\[HABF-3902\]](#) - 5.19.16 Addendum

### Task

- [\[HABF-3864\]](#) - Retroactively fill in accomplishment physical state field for past accomps
- [\[HABF-3897\]](#) - Add Gen 4 as an option for Focus Areas

### Story

- [\[HABF-3859\]](#) - Create Financials SOLR Core

## Defect

- [\[HABF-3877\]](#) - Accomplishment Partner Allocation Error When Editing Before Saving
- [\[HABF-3883\]](#) - Completed Pollinator Report shows Anticipated FY twice

5.19.15 -09/08/2021

## Change

- [\[HABF-3879\]](#) - Release 5.19.15 to Production

## Task (subtask)

- [\[HABF-3856\]](#) - EOY 2021 | Phase 2 | Update Cron Job to Lock Accomplishments

## Task

- [\[HABF-3876\]](#) - Update Financials Error/Warning Messages on Accomplishment Validation Report
- [\[HABF-3878\]](#) - Update Accomplishment Validation Reports to utilize Reported FYs

5.19.14 - 31 Aug 2021

## Change

- [\[HABF-3875\]](#) - Release 5.19.14 to Prod

## Task

- [\[HABF-3874\]](#) - Move some Project validation messages from the Accomplishment Validation Report.

5.19.13 - 31 Aug 2021

## Change (subtask)

- [\[HABF-3857\]](#) - EOY 2021 | Phase 1 | Set Accomplishment Completion Date Deadline

## Task

- [\[HABF-3862\]](#) - Add Project POC to Accomplishment CDE as a filter/output option
- [\[HABF-3863\]](#) - Add warning to project validation reports when there is no monitoring entry
- [\[HABF-3871\]](#) - Create a Quartz job to validate current FY Accomplishments

## Defect

- [\[HABF-3837\]](#) - Lazy Init when saving a Project
- [\[HABF-3868\]](#) - Remove the "Edit Partner" button from the Partners Table in a Mechanism

5.19.12 - 25 Aug 2021

## Change

- [\[HABF-3866\]](#) - Release 5.19.12 to Production

## Defect

- [\[HABF-3837\]](#) - Lazy Init when saving a Project
- [\[HABF-3867\]](#) - Creating a New Project throws an App Error

## Documentation

- [\[HABF-3727\]](#) - Partners List Cleanup

## 5.19.11 - 25 Aug 2021

### Change

- [\[HABF-3849\]](#) - Release 5.19.11 to Production

### Task

- [\[HABF-3840\]](#) - Copy User Species List into Project Species List
- [\[HABF-3842\]](#) - Project Validation Summary Report reports no office\_id column
- [\[HABF-3848\]](#) - New Partners list pull
- [\[HABF-3861\]](#) - Data pull for Partners used in the last 10 years

### Defect

- [\[HABF-3837\]](#) - Lazy Init when saving a Project

## 5.19.10 - 11 Aug 2021

### Change

- [\[HABF-3835\]](#) - Release 5.19.10 to Production

### Task

- [\[HABF-3824\]](#) - Editing a Species List access roles are changing.
- [\[HABF-3831\]](#) - Long running Completed Accomplishment Totals Report times out
- [\[HABF-3838\]](#) - Add Sherri to the error email list for Production for HabITS

### Defect

- [\[HABF-3830\]](#) - App error when adding a Partner to Technical Assistance
- [\[HABF-3832\]](#) - Completed Accomplishment List Report Financials are not totalling correctly
- [\[HABF-3833\]](#) - Other Service Cash Contribution Not 1121 is including In-Kind Funds
- [\[HABF-3839\]](#) - Project Validation Summary Reports showing incorrect counts

## 5.19.9 - 12 Jul 2021

### Change

- [\[HABF-3828\]](#) - Release 5.19.9 to production

### Task

- [\[HABF-3784\]](#) - Add Special Funding Category to the Project Service Contribution Table
- [\[HABF-3822\]](#) - Typo in Strategic Plan Goals
- [\[HABF-3825\]](#) - Financial Contribution/Allocations Requirements changes.
- [\[HABF-3826\]](#) - Strategic Plan Target changes

### Defect

- [\[HABF-3820\]](#) - Using ">=" or "<=" query restrictors in CDE no longer seem to work
- [\[HABF-3821\]](#) - Partner Summary Report reporting incorrect Partner in some cases
- [\[HABF-3823\]](#) - App Error Saving Species Lists

## 5.19.8 - 24 Jun 2021

### Change

- [\[HABF-3817\]](#) - Release 5.19.8 to Production

### Task

- [\[HABF-3806\]](#) - Create a Quartz job to run SPA Calculations overnight
- [\[HABF-3815\]](#) - Filter out Project Species Lists in Species List Management
- [\[HABF-3816\]](#) - Project Species Lists Duplicating?

### Defect

- [\[HABF-3804\]](#) - Searching for Partners in Partner selects throws an application error
- [\[HABF-3819\]](#) - Users unable to Search/Add Partners in Mechanism

## 5.19.7 - 10 Jun 2021

### Change

- [\[HABF-3812\]](#) - Release 5.19.7 to Production

### Task

- [\[HABF-3809\]](#) - Data management on customization should only be accessible to super users.
- [\[HABF-3810\]](#) - add Super User role on user management for assignment
- [\[HABF-3811\]](#) - Revert plugin updates made for mapper fixes.

## 5.19.6 - 28 May 2021

### Change

- [\[HABF-3807\]](#) - Release 5.19.6 to Production

### Task

- [\[HABF-3795\]](#) - Remove "Distinct" from Private Landowner Metric Calculation in Activiti
- [\[HABF-3798\]](#) - Update PercentByRegionProgramMetric for SPA leveraging calculations in Activiti
- [\[HABF-3799\]](#) - Activity Prod URL is wrong
- [\[HABF-3806\]](#) - Create a Quartz job to run SPA Calculations overnight

### Documentation

- [\[HABF-3727\]](#) - Partners List Cleanup

### Systems

- [\[SYS-10276\]](#) - jworker3: Maven builds having issues. Habits-Measures, PROD activiti
- [\[SYS-10277\]](#) - BPM REST -Prod Deploy job fails due to cert expiration error
- [\[SYS-10280\]](#) - Verify username and password is set correctly for Activiti in the HabITS config.xml

## 5.19.5 - 24 May 2021

### Change

- [[HABF-3797](#)] - Release 5.19.5 to Production

### Task

- [[HABF-3796](#)] - Strategic Plan Activity Totals Report is triple counting its Totals
- [[HABF-3799](#)] - Activity Prod URL is wrong

## 5.19.4 - 20 May 2021

### Change

- [[HABF-3791](#)] - Release 5.19.4 to Production

### Task

- [[HABF-3793](#)] - Remove caching of Valid Project Status'

### Defect

- [[HABF-3789](#)] - Lazy Init on FWS Involvement when saving a Project

## 5.19.3 - 12 May 2021

### Change

- [[HABF-3788](#)] - Release 5.19.3 to Production

### Task

- [[HABF-3770](#)] - [Login.gov](#) 1.1.6
- [[HABF-3774](#)] - Move creation of new Partners from the Mechanism
- [[HABF-3777](#)] - Disallow marking Projects as Completed if it has any Active, Inactive or Planning Accomplishments
- [[HABF-3781](#)] - Add "National" to the Geographic Profile Summary Report

### Story

- [[HABF-3778](#)] - Add a Financial "Child" section to the Partner Summary Report

### Defect

- [[HABF-3779](#)] - FY filter should apply to the Partner Summary Reports

### Research or Investigation

- [[HABF-3706](#)] - Roll-up Accomplishment Allocation data into Project Contribution Data

## 5.19.2 (supplemental) 16 Apr 2021

### Task

- [\[HABF-3771\]](#) - Manually update Accomplishments that are marked with the wrong Office

## 5.19.2 - 24 Mar 2021

### Change

- [\[HABF-3769\]](#) - Release 5.19.2 to Production

### Task

- [\[HABF-3707\]](#) - Super Users can access ANY record in HabITS
- [\[HABF-3708\]](#) - Super Users can modify ANY record in HabITS

### Story

- [\[HABF-3739\]](#) - Create a Lookup Table Management Interface (remaining tables)

### Defect

- [\[HABF-3270\]](#) - Error when trying to box area draw in mapper in Habits
- [\[HABF-3744\]](#) - CDE Report reports an error with a field when there seems to be no issue
- [\[HABF-3749\]](#) - Publishing Focus Areas as different users doesn't properly set a new version to the old published version.
- [\[HABF-3750\]](#) - Update Focus Areas to have proper Version IDs
- [\[HABF-3756\]](#) - Update species list access rights
- [\[HABF-3757\]](#) - NPE's Reported in Emails
- [\[HABF-3760\]](#) - Application Error running a Saved CDE Report

### Research or Investigation

- [\[HABF-3753\]](#) - Run a weekend job to update intersections of modules.

## 5.19.1 (supplemental)- 23 Mar 2021

### Task

[\[HABF-3763\]](#) - Add Project Narrative to Accomplishment SOLR Core

[\[HABF-3727\]](#) - Partners List Cleanup (part 2)

### Defect

- [\[HABF-3764\]](#) - Species should be a select list in the SOLR Accomplishment Core

## 5.19.1 - 21 Jan 2021

### Change

- [\[HABF-3741\]](#) - Release 5.19.1 to Production

### Task

- [[HABF-3742](#)] - Restrict LUT Management Interface to WO Roles (for now)

## 5.19.0 - 21 Jan 2021

### Change

- [[HABF-3740](#)] - Release 5.19.0 to Production

### Task

- [[HABF-3658](#)] - NatureServe API Changed and has broken the Species Summary Report
- [[HABF-3704](#)] - Change the ArcGIS token to live in the DB
- [[HABF-3714](#)] - Download Image Files from Detail and Summary Reports
- [[HABF-3715](#)] - Add "Module ID" to File Search
- [[HABF-3732](#)] - [Login.gov](#) 1.1.3
- [[HABF-3733](#)] - Cannot Save a Focus Area Geometry

### Story

- [[HABF-3709](#)] - Create a Lookup Table Management Interface

### Defect

- [[HABF-3677](#)] - Strange Species List Behavior
- [[HABF-3716](#)] - Investigate why photos of modules aren't always showing up in the detail report
- [[HABF-3717](#)] - Don't disable Reports menu button in locked Accomplishments
- [[HABF-3721](#)] - CDE Reporting "Out of Date" Error for valid fields.
- [[HABF-3731](#)] - Beta throws application error on Home, Project Search and Accomplishment Search pages
- [[HABF-3738](#)] - Publishing Focus Areas with Targets with 2 decimal places silently fails.

### Documentation

- [[HABF-3727](#)] - Partners List Cleanup

## 5.18.4 - 09 Nov 2020

### Change (subtask)

- [[HABF-3673](#)] - EOY 2020 Part 2 - Change Control approval for snapshot of 2020 data and Disable cron job

### Task

- [[HABF-3671](#)] - HabITS (2020) End of Year
- [[HABF-3675](#)] - EOY 2020 - Phase 3 - Disable the quartz job and then re-deploy to production (EOY 2020)

## 5.18.3 - 05 Nov 2020

### Change

- [[HABF-3719](#)] - Release 5.18.3 to Production

### Task

- [[HABF-3671](#)] - HabITS (2020) End of Year
- [[HABF-3718](#)] - Move Lock date back to Nov 05



## 5.18.2 - 02 Nov 2020

### Change (subtask)

- [[HABF-3672](#)] - EOY 2020 Part 1 - Release for EOY accomp locks

### Task

- [[HABF-3676](#)] - Lock Accomplishments for those completed in FY 2020

## 5.18.1 - 27 Oct 2020

### Change

- [[HABF-3711](#)] - Release 5.18.1 to Prod

### Task

- [[HABF-3705](#)] - CDE Outdated Links - Report to user on changes

### Defect

- [[HABF-3712](#)] - KeepAlive JS missing

## 5.18.0 - 08 Oct 2020

### Task

- [[HABF-3694](#)] - Regional Project Validation Reports time out
- [[HABF-3696](#)] - Accomplishment Validation Excel Export's don't work
- [[HABF-3703](#)] - Implement [Login.gov](#) into HabITS

### Defect

- [[HABF-3700](#)] - Report PDF Exports result in application error
- [[HABF-3701](#)] - Cannot Add "Monarch" Subactivity to Project Service Contribution

## 5.17.5 - 04 Sep 2020

### Change

- [[HABF-3693](#)] - Release 5.17.5 to Production

### Task

- [[HABF-3674](#)] - EOY 2020 - Update and release Accomplishment Lock Date Deadline
- [[HABF-3680](#)] - Additions to QA/QC Reports
- [[HABF-3691](#)] - Accomplishment Save Button disabled when loading a saved Accomplishment
- [[HABF-3692](#)] - Technical Assistance throws app errors for long input fields.
- [[HABF-3695](#)] - Manually update 2 Accomps on Prod
- [[HABF-3697](#)] - Manually update 2 (more) Accomps on Prod

- [\[HABF-3698\]](#) - Manually update more Accomps on Prod

## 5.17.4 - 31 Aug 2020

### Change

- [\[HABF-3690\]](#) - HOTFIX - Release 5.17.4 to Production

## 5.17.3 - 31 Aug 2020

### Change

- [\[HABF-3689\]](#) - Deploy 5.17.3 to Production

### Defect

- [\[HABF-3688\]](#) - Excel export for validation reports are throwing Application Errors

## 5.17.2 - 28 Aug 2020

### Change

- [\[HABF-3686\]](#) - Release 5.17.2 to Production

### Task

- [\[HABF-3683\]](#) - Add Financial Validation to Accomplishment Validation Reports
- [\[HABF-3684\]](#) - Completed Project Validation report should utilize the Fiscal Year filter
- [\[HABF-3685\]](#) - Project Validation report giving "No Species" warning for projects that have species.

## 5.17.1 - 25 Aug 2020

Note: 5.17.0 did not have all of it's code properly merged. 5.17.1 manually grabbed all the changes from the branch and added them to the trunk.

### Change

- [\[HABF-3682\]](#) - Release 5.17.1 to production.

### Task

- [\[HABF-3681\]](#) - ARRA\_ID is not showing up in SOLR Schema even though it is defined in the configs and the views.

## 5.17.0 - 24 Aug 2020

### Change

- [\[HABF-3679\]](#) - Release 5.17.0 to Production

## Task

- [\[HABF-3611\]](#) - Update Reports to include Physical State and convert Region fields to numeric
- [\[HABF-3660\]](#) - Locked Accomplishments should not get marked as planning from a Parent Module
- [\[HABF-3663\]](#) - Project Validation Report
- [\[HABF-3670\]](#) - Add warning to Active/Completed Project Validation Reports for Projects missing attached photos
- [\[HABF-3678\]](#) - Remove the requirement for the contribution \$\$ from Service Contributions on the Project end.

## Story

- [\[HABF-3495\]](#) - Update Shapefile Export to include fields in the Completed Accomplishment Report
- [\[HABF-3600\]](#) - Add "Fiscal Year" as a common filter for Summary Reports
- [\[HABF-3643\]](#) - Deploy Habits app to new container tomcat

## Defect

- [\[HABF-3656\]](#) - Project Data missing in SOLR Project Core

## 5.16.4 - 27 Jul 2020

### Change

- [\[HABF-3665\]](#) - Release 5.16.4 to Production

### Task

- [\[HABF-3664\]](#) - Remove Accomplishment Financial validation message from Accomplishment form

## 5.16.2 / 5.16.3 - 30 Jun 2020

### 5.16.3

### Change

- [\[HABF-3661\]](#) - Release 5.16.3 to Production

### Defect

- [\[HABF-3659\]](#) - User Session issue

### 5.16.2

### Task

- [\[HABF-3652\]](#) - Updates to File List Info window
- [\[HABF-3653\]](#) - Remove Staff Days requirement for Accomplishment Allocations

### Story

- [\[HABF-3651\]](#) - Add "Module" type as a filter field to the File List Search

## 5.16.1 - 09 Jun 2020

### Change

- [\[HABF-3648\]](#) - Release 5.16.1 to Production

## Story

- [\[HABF-3639\]](#) - Additional Financials Info
- [\[HABF-3647\]](#) - Update Quartz job for solr sub cores to update
- [\[HABF-3650\]](#) - Overhaul the solr cores for habits-accomplishment

## Defect

- [\[HABF-3636\]](#) - Decimal points in Project financials result in NumberFormatException on save
- [\[HABF-3642\]](#) - Accomplishment Custom Data Export fails when using Text Search
- [\[HABF-3649\]](#) - Project Detail Report fails to load

## Research or Investigation

- [\[HABF-3638\]](#) - Investigate constant DB locking on PROD

## 5.16.0 - 20 May 2020

## Change

- [\[HABF-3615\]](#) - Fix 3 species list on prod
- [\[HABF-3626\]](#) - Release 5.16.0 to Prod

## Task

- [\[HABF-3479\]](#) - Habits - Update to Accomplishment Species Tab
- [\[HABF-3480\]](#) - Habits - Update to Accomplishment species Tab - Delete
- [\[HABF-3493\]](#) - Migrate species data for existing projects
- [\[HABF-3494\]](#) - Provide Accomplishment Lookup Table Analysis to Sherri
- [\[HABF-3499\]](#) - Rename of the Solar Habits Search to become the Habits - Accomplishment
- [\[HABF-3500\]](#) - Habits - Create a new Solar core for Project
- [\[HABF-3501\]](#) - Habits - Create a new Solar core for Mechanism
- [\[HABF-3506\]](#) - Habits - Species in Project will be Preload to Accomplishment
- [\[HABF-3511\]](#) - Update SOLR Data Export Query Version
- [\[HABF-3514\]](#) - Update to Service Contributions and Partner Contributions as a single tab
- [\[HABF-3518\]](#) - Migrate Service Contribution Data to the Project Level in the Database
- [\[HABF-3519\]](#) - Migrate Partner Contribution Data to the Project Level in the Database
- [\[HABF-3520\]](#) - Project species - New Accomps must be created with project species added to them
- [\[HABF-3521\]](#) - Fix unit tests due to changes in service funding data model
- [\[HABF-3522\]](#) - Update to Basic Reports - Completed Accomplishment Totals and List - 1121 Contrabutions
- [\[HABF-3540\]](#) - Save Accomplishment Allocations on the Project Form
- [\[HABF-3541\]](#) - Create Accomplishment Allocations Table UI
- [\[HABF-3543\]](#) - Migrate Financial Data to Allocations
- [\[HABF-3591\]](#) - REVERT FINANCIALS - DB work
- [\[HABF-3594\]](#) - Save/Edit/Remove Project Service and Partner Contributions
- [\[HABF-3595\]](#) - Save/Edit/Remove Accomplishment Service and Partner Contributions
- [\[HABF-3596\]](#) - Accomplishment Allocations - Table Changes
- [\[HABF-3597\]](#) - Accomplishment Allocations - Form Changes
- [\[HABF-3601\]](#) - Change "Highlight" color of a highlighted Project from yellow to something else.
- [\[HABF-3602\]](#) - Get an export of Prod Tables onto Beta
- [\[HABF-3603\]](#) - Tooltips for Financials Rework
- [\[HABF-3606\]](#) - Update State filter on the Accomplishment Search page to use Office State AND Accomplishment State
- [\[HABF-3609\]](#) - Update PII Business Rules
- [\[HABF-3610\]](#) - New SOLR Fields
- [\[HABF-3613\]](#) - Need state changed for 3 species lists
- [\[HABF-3624\]](#) - Species List Pagination is missing

## Story

- [\[HABF-3476\]](#) - Habits - Add Species Tab
- [\[HABF-3477\]](#) - Habits - Project Species Table
- [\[HABF-3478\]](#) - Habits - Project Add Species
- [\[HABF-3485\]](#) - Habits - Project - New Financials Tabs
- [\[HABF-3486\]](#) - Habits - Project - Service Contributions Tab - Setup
- [\[HABF-3487\]](#) - Habits - Project - Partner Contributions - Setup

- [\[HABF-3489\]](#) - Habits - Project Service Category - See values
- [\[HABF-3490\]](#) - Habits - Project Service Category - Add/Edit Values
- [\[HABF-3491\]](#) - Habits - Project - Service Contribution - Remove
- [\[HABF-3492\]](#) - Habits - Projects - Partner Contribution - See Values
- [\[HABF-3496\]](#) - Add a "Highlighted Project" checkbox to the Project Form.
- [\[HABF-3497\]](#) - Remove requirement for Mechanism Narrative
- [\[HABF-3503\]](#) - Changes to Reports Menu
- [\[HABF-3507\]](#) - Habits - Project - Species - Make the Remove Button Available/Unavailable
- [\[HABF-3508\]](#) - Habits - Project - Species Remove
- [\[HABF-3515\]](#) - Habits - Projects - Partner Contributions Add/Edit
- [\[HABF-3516\]](#) - Habits - Project - Partner Contribution - Remove
- [\[HABF-3531\]](#) - New Column called "Grand Total with No 1121" on Completed Accomplishment List Report
- [\[HABF-3532\]](#) - Add a new column to Completed Accomplishment list report - Other Service cash contributions not 1121
- [\[HABF-3535\]](#) - Project Financials - Allocations Add a new table
- [\[HABF-3537\]](#) - Project Financials - Add Total Project Contributions
- [\[HABF-3538\]](#) - Project Financials - Add Remaining Project Funding
- [\[HABF-3539\]](#) - Project Allocations - Slide Screen for Allocation
- [\[HABF-3542\]](#) - Habits - Accomplishment PII Validation
- [\[HABF-3546\]](#) - Habits - Financials Tab add Total Allocated
- [\[HABF-3547\]](#) - Update to Total Project Contributions and Remaining Project Funding
- [\[HABF-3549\]](#) - Update Accomplishment Download to include more data
- [\[HABF-3554\]](#) - Project report add Highlighted
- [\[HABF-3566\]](#) - PII Check box - Ignore Locked Accomplishment
- [\[HABF-3578\]](#) - Financials - Total Funding Update
- [\[HABF-3579\]](#) - Financials - Total Allocated Update
- [\[HABF-3580\]](#) - Financials - Remaining Funding Update
- [\[HABF-3590\]](#) - Add Staff Days to Accomplishment Allocations
- [\[HABF-3592\]](#) - Financials Management Interface
- [\[HABF-3598\]](#) - Add "State" as an input field on the Accomplishment form
- [\[HABF-3599\]](#) - Add Custom Data Export Share Url to the Excel Export
- [\[HABF-3604\]](#) - Project Funding - Partner Contribution - New field Special Funding Name
- [\[HABF-3605\]](#) - Accomplishment Data Export- Partner Contribution - add field Special Funding Name

## Defect

- [\[HABF-3504\]](#) - Saving project on QA without required fields throws error
- [\[HABF-3548\]](#) - Lazy Init Error Thrown when some Accomplishments have validation error
- [\[HABF-3552\]](#) - Intermittent "HABITS\_WO" Error when saving Projects and Accomplishments
- [\[HABF-3577\]](#) - Incorrect species list id getting passed to Accomplishment
- [\[HABF-3582\]](#) - Project Financials are off
- [\[HABF-3583\]](#) - Cannot save a new allocation to a Project that does not yet have allocations
- [\[HABF-3614\]](#) - Species List keeps appending "size" to end of list name on save
- [\[HABF-3617\]](#) - Tooltip editing not working

## Research or Investigation

- [\[HABF-3475\]](#) - Parent Project - Fix back button
- [\[HABF-3550\]](#) - Error thrown when a project is saved and a validation error is triggered

## 5.15.14 - 04 Mar 2020

### Change

- [\[SYS-8063\]](#) - Deployment of Applications for Upgraded SOLR Production, QA, and Beta

### Task

- [\[HABF-3544\]](#) - Push Prod Deploy For solr 8

## 5.15.13 - 10 Jan 2020

### Change

- [\[HABF-3481\]](#) - Release 5.15.13 with the SOLR Security Fix

### Defect

- [\[HABF-3483\]](#) - Update SOLR Data Export plugin to fix the SOLR Security Issue

## 5.15.12 - 05 Dec 2019

### Change

- [\[HABF-3465\]](#) - Release 5.15.12 to Production

### Task

- [\[HABF-3462\]](#) - HabITS layers not showing in mapper
- [\[HABF-3463\]](#) - Update HabITS ArcGIS Tokens
- [\[HABF-3464\]](#) - Update SOLR Data Export Plugin to latest version

## 5.15.11 - 14 Nov 2019

### Change

- [\[HABF-3456\]](#) - Release 5.15.11 to production

### Task

- [\[HABF-3159\]](#) - Region Summary Report map image is zoomed out to world for Regions 1 and 7
- [\[HABF-3442\]](#) - Common-ify the Summary Reports Filters
- [\[HABF-3446\]](#) - Move HabITS latest source code base to Bitbucket
- [\[HABF-3449\]](#) - Implement SOLR Custom Data Export Plugin
- [\[HABF-3451\]](#) - QA/Beta Uploaded file issue

### Story

- [\[HABF-3425\]](#) - Add program filter to reports
- [\[HABF-3452\]](#) - Add a Download Button for Photos

### Defect

- [\[HABF-3438\]](#) - Validation Summary Report issues
- [\[HABF-3444\]](#) - Multiple search fields throughout Habits throw error when certain regex chars are entered
- [\[HABF-3454\]](#) - File Type filter not working properly on file search
- [\[HABF-3457\]](#) - Issue with geographic summary report from congressional districts
- [\[HABF-3458\]](#) - LCC Search on Summary Reports does not finished searching
- [\[HABF-3459\]](#) - Summary Report Completed Accomplishment Summary is not showing data

## 5.15.10 - 04 Oct 2019

### Change (subtask)

- [\[HABF-3414\]](#) - EOY 2019 Part 2 - Change Control approval for snapshot of 2019 data and Disable cron job

### Task

- [\[HABF-3412\]](#) - HabITS (2019) End of Year
- [\[HABF-3416\]](#) - Phase 3 - Disable the quartz job and then re-deploy to production (EOY 2019)

## 5.15.9 - 03 Oct 2019

### Change (subtask)

- [\[HABF-3413\]](#) - EOY 2019 Part 1 - Release for EOY accomp locks

## Task

- [\[HABF-2939\]](#) - Remove deprecated roles
- [\[HABF-3412\]](#) - HabITS (2019) End of Year
- [\[HABF-3415\]](#) - Phase 2 - Oct 3rd, 2019 - Produce a snapshot of 2019 performance data
- [\[HABF-3417\]](#) - Phase 1 - Release with Cron Job enabled to lock accomps at 10pm Oct 3rd.

## Defect

- [\[HABF-2908\]](#) - Searching for partners with regular expression characters throws exceptions

## 5.15.8 - 04 Sep 2019

### Change

- [\[HABF-3434\]](#) - Release v 5.15.8 to Production

### Defect

- [\[HABF-3433\]](#) - QAQC Completed Fish Passage Performance reporting difference counts than Completed Fish Passage Performance

## 5.15.7 - 30 Aug 2019

### Change

- [\[HABF-3432\]](#) - Release v5.15.7 to Prod

### Task

- [\[HABF-3429\]](#) - Convert HabITS SOLR Core to utilize new 1-to-Many Architecture
- [\[HABF-3431\]](#) - Update and release Accomplishment Lock Date Deadline

### Defect

- [\[HABF-3430\]](#) - Custom Data Export should clear previous IDs from previously selected columns

## 5.15.6 - 06 Aug 2019

### Change

- [\[HABF-3422\]](#) - Release 5.15.6 to Production
- [\[HABF-3428\]](#) - Fix Performance Report Dupe (HABF-3427 Fix) (released 08/28/2019)

### Task

- [\[HABF-3383\]](#) - SOLR Core Field Formats
- [\[HABF-3395\]](#) - SOLR Custom Data Export Enhancements
- [\[HABF-3402\]](#) - Remove "Anticipated FY" from all the Reports
- [\[HABF-3418\]](#) - Make all form fields of an Accomplishment be available in SOLR and support Many-to-Many relationships

### Defect

- [\[HABF-3401\]](#) - Custom Data Export exports 0 records when the first filter is removed from the form
- [\[HABF-3427\]](#) - Accomp 1704310 showing twice in Performance List report

### Story

- [\[HABF-3378\]](#) - Add "Accomplishment Has Photos" option to Custom Data Export
- [\[HABF-3394\]](#) - Add Office as a selectable option for the Geographic Profile Summary Report

- [\[HABF-3397\]](#) - Add a Measuring tool to the map
- [\[HABF-3399\]](#) - Add Program filter to the Technical Assistance Summary Report
- [\[HABF-3400\]](#) - Add Focus Area as a selectable option for the Geographic Profile Summary Report

## 5.15.5 - 26 Jun 2019

### Change

- [\[HABF-3391\]](#) - Release 5.15.5 to Production

### Defect

- [\[HABF-3390\]](#) - Summary Reports no longer showing counts by Accomplishment and Habitat Type

## 5.15.4 - 25 Jun 2019

### Change

- [\[HABF-3386\]](#) - Release 5.15.4 to Production

### Task (subtask)

- [\[HABF-3366\]](#) - Update SOLR columns to include "LUT" for Lookup Tables in preparation for enhanced keywords search

### Task

- [\[HABF-3290\]](#) - Create a Technical Assistance Summary Report
- [\[HABF-3362\]](#) - Provide a list of all lookup tables and their values to Sherri
- [\[HABF-3363\]](#) - Help Desk Link - Specificity
- [\[HABF-3367\]](#) - Fix Trunk Unit Tests
- [\[HABF-3382\]](#) - Changes to Technical Assistance Form
- [\[HABF-3388\]](#) - Changes to Help Links

### Defect

- [\[HABF-3252\]](#) - In View only mode, selecting a pop-up changes date (but does not save) and triggers a "changes made pop-up - okay to leave page"
- [\[HABF-3351\]](#) - Multiple Points for an Accomplishment Thumbnail image should be completely view-able
- [\[HABF-3360\]](#) - Non-1121 and Non-1124 monies are not showing up in SOLR
- [\[HABF-3365\]](#) - File upload for Focus Areas has incorrect break crumbs
- [\[HABF-3373\]](#) - View Mode does not work for Accomplishments
- [\[HABF-3377\]](#) - Secretarial Order Summary reports don't seem to be filtering data correctly

### Story

- [\[HABF-3357\]](#) - Make SOLR Column names user friendly
- [\[HABF-3361\]](#) - Reports -Advanced Filtering Reports - Accomplishments Inactive Status Report
- [\[HABF-3369\]](#) - Advanced Filter Report functionality - Menu Links
- [\[HABF-3370\]](#) - Advanced Filter Report functionality - Create/Remove Filter Groups
- [\[HABF-3371\]](#) - Advanced Filter Report functionality - Create/Remove Filters from Filter Groups
- [\[HABF-3372\]](#) - Advanced Filter Report functionality - Export for chosen criteria
- [\[HABF-3374\]](#) - Save Custom Data Export Queries
- [\[HABF-3380\]](#) - Make Boolean fields user friendly for HabITS Custom Data Export

## 5.15.3 - 01 May 2019

### Change

- [\[HABF-3359\]](#) - Release 5.15.3 to Production
- [\[HABF-3376\]](#) - 5.15.3+ Release (completed on 06/05/2019)

### Defect



- [\[HABF-3358\]](#) - Keyword Search fails when searching for anything

## Research or Investigation

- [\[HABF-3354\]](#) - Research SOLR search functions in Habits

## Task

- [\[HABF-3375\]](#) -Add item to the Special Funding Category

## 5.15.2 - 30 Apr 2019

### Change

- [\[HABF-3345\]](#) - Adding Sherri Hagwood, Habits TOOL TIP ADMIN rights
- [\[HABF-3353\]](#) - Release 5.15.2 to Production

### Task (subtask)

- [\[HABF-3278\]](#) - Strat Plan Search Form Changes

## Task

- [\[HABF-3188\]](#) - Investigate County layer issue
- [\[HABF-3292\]](#) - Create a Secretarial Orders Summary Report for SO3356
- [\[HABF-3313\]](#) - Create a Secretarial Orders Summary Report for SO3362
- [\[HABF-3346\]](#) - Add Technical Assistance Options
- [\[HABF-3348\]](#) - Changes to "Shareable with Public" checkbox
- [\[HABF-3349\]](#) - Update Tooltips
- [\[HABF-3355\]](#) - Hide the Technical Assistance Summary Reports from the UI

## Story

- [\[HABF-1688\]](#) - Search for Accomplishments by completion fiscal year
- [\[HABF-1689\]](#) - Search for Projects by fiscal year of Completion Date
- [\[HABF-2830\]](#) - Sort Accomplishment search results by ID
- [\[HABF-3286\]](#) - Remove "Public" from modules
- [\[HABF-3287\]](#) - Search Page Action Buttons should open forms in new tab
- [\[HABF-3332\]](#) - Remove Public Narrative Field

## 5.15.1 - 14 Mar 2019

### Change

- [\[HABF-3318\]](#) - Release 5.15.1 Flx for accomp save

### Defect

- [\[HABF-3312\]](#) - Unable to mark Accomplishments as Completed

## 5.15.0 - 06 Feb 2019

### Change

- [\[HABF-3279\]](#) - Release 5.15.0

## Task (subtask)

- [\[HABF-3274\]](#) - MegaMenu Changes
- [\[HABF-3276\]](#) - Strat Plan Form Changes

## Task

- [\[HABF-3235\]](#) - Integration testing of Accomplishment EOY Business Rules
- [\[HABF-3250\]](#) - Add Secretarial Order types to the DB
- [\[HABF-3268\]](#) - Get Strat Plan Queries
- [\[HABF-3281\]](#) - Updates to the Technical Assistance SPA form.
- [\[HABF-3284\]](#) - Loading Strat Plan Targets that have a null or 0 value doesn't render the page properly

## Defect

- [\[HABF-3204\]](#) - Analysis Mapper filters not populating with data.
- [\[HABF-3247\]](#) - Accomplishment "View" mode doesn't disable fields or hide edit buttons
- [\[HABF-3265\]](#) - Fix HabITS keyword search excel output
- [\[HABF-3282\]](#) - Deleting an SPA with Project associations results in an error.
- [\[HABF-3295\]](#) - ArcGIS urls are no longer going through the HabITS Proxy

## Story

- [\[HABF-2247\]](#) - Ability to search for accomplishments with photos
- [\[HABF-3215\]](#) - Validation Summary Reports Itemized Detail should list the detailed errors and warnings.
- [\[HABF-3229\]](#) - FWS POC Search at Accomplishment Level
- [\[HABF-3230\]](#) - State and Region Filters added to Summary Reports (Species)
- [\[HABF-3234\]](#) - Secretarial Orders for Accomplishments
- [\[HABF-3246\]](#) - Search for Projects that have Photos
- [\[HABF-3264\]](#) - Secretarial Order Business Rules
- [\[HABF-3280\]](#) - "Split" Technical Assistance Activities from current Strategic Plan Activities

## 5.14.21 - 01 Feb 2019

### Change

- [\[HABF-3294\]](#) - Release 5.14.21 to Production

### Defect

- [\[HABF-3295\]](#) - ArcGIS urls are no longer going through the HabITS Proxy

## 5.14.20 - 11 Dec 2018

### Change

- [\[HABF-3275\]](#) - Update Prod ArcGis token for Prod

## 5.14.19 - 06 Dec 2018

### Change

- [\[HABF-3272\]](#) - Release habits for token change

## 5.14.18 - 03 Oct 2018

## Task (subtask)

- [\[HABF-3195\]](#) - Phase 3 - Disable the quartz job and then re-deploy to production (EOY 2018)
- [\[HABF-3196\]](#) - Phase 2 - October 3, 2018 - Produce a snapshot of 2018 performance data

## Change (subtask)

- [\[HABF-3197\]](#) - EOY 2018 Part 2 - Change Control approval for snapshot of 2018 data and Disable cron job

## 5.14.17 - 02 Oct 2018

### Change (subtask)

- [\[HABF-3254\]](#) - EOY 2018 Part 1 - Release for EOY accomp locks v5.14.17

### Task

- [\[HABF-3193\]](#) - Lock Accomplishments for those completed in FY 2018
- [\[HABF-3251\]](#) - Manually Remove the planning flag from 2 accomps hitting the firewall

## 5.14.16 - 20 Sep 2018

### Change

- [\[HABF-3238\]](#) - Update 2 shape files on prod with complex shape files
- [\[HABF-3239\]](#) - Release 5.14.16 to Production

### Defect

- [\[HABF-3233\]](#) - Accomplishments are allowing saved of past FYs

## 5.14.15 - 06 Sep 2018

### Change

- [\[HABF-3225\]](#) - Release 5.14.15 to Production

### Defect

- [\[HABF-3224\]](#) - Detail Reports not working for Modules in Puerto Rico

## 5.14.14 - 04 Sep 2018

### Change

- [\[HABF-3223\]](#) - Release 5.14.14 to Production

### Task

- [\[HABF-3222\]](#) - QA/QC Performance Reports need a performance check included in their report query

## 5.14.13 - 31 Aug 2018

## Change

- [\[HABF-3220\]](#) - Release 5.14.13 to Production

## Defect

- [\[HABF-3218\]](#) - New Accomplishments created BEFORE the lock date should allow Current FY before the lock date

## 5.14.12 - 30 Aug 2018

### Change

- [\[HABF-3217\]](#) - Rollback 5.14.11

## 5.14.11 - 30 Aug 2018

### Change

- [\[HABF-3213\]](#) - Release 5.14.11 to Production

### Task

- [\[HABF-3209\]](#) - Migrate Projects to different Mechanisms

### Defect

- [\[HABF-3216\]](#) - Accomplishment Name search no longer filtering data

### Story

- [\[HABF-3198\]](#) - Set Completion Date Deadline to August 31st, 2018

## 5.14.10 - 29 Aug 2018

### Change

- [\[HABF-3212\]](#) - Release 5.14.10 to Production

### Task

- [\[HABF-3208\]](#) - Changes to QA/QC Reports

### Defect

- [\[HABF-3211\]](#) - Couple reports fail to run

## 5.14.9 - 08/28/2018

### Change

- [\[HABF-3210\]](#) - Deploy 5.14.9 to Production

## Task

- [\[HABF-3207\]](#) - NHD layers not working

## 5.14.8 - 08/15/2018

### Change

- [\[HABF-3203\]](#) - Release 5.14.8 to Production

### Task

- [\[HABF-3202\]](#) - Update activiti habits measure call to use environment variables for username and password

### Defect

- [\[HABF-3187\]](#) - Issue with validation report links
- [\[HABF-3192\]](#) - Firewall issue with narrative

## 5.14.7 - 07/05/2018

### Change

- [\[HABF-3180\]](#) - Deploy 5.14.7 to Production

### Defect

- [\[HABF-3179\]](#) - Keyword Search fails when using Oregon in the state filter.

## 5.14.6 - 06/28/2018

### Change

- [\[HABF-3178\]](#) - HOT Fix - Habits ArcGIS Server Proxy Token Expired

## 5.14.5 - 06/27/2018

### Change

- [\[HABF-3175\]](#) - Deploy HabITS5.14.5 to Production

### Defect

- [\[HABF-3162\]](#) - Invalid input params when using filters on the mapper

### Story

- [\[HABF-3165\]](#) - Accomplishment Keyword Search

- [\[HABF-3174\]](#) - Create some sort of Search Syntax help for the Keyword Search page.

## 5.14.4 - 06/06/2018

### Change

- [\[HABF-3171\]](#) - Deploy 5.14.4 changes to Production
- [\[OCCAM-507\]](#) - Deploy habits trunk with updated proxy map service token

### Story

- [\[HABF-3158\]](#) - New Accomplishment Control: Is Fishing Or Hunting Allowed

## 5.14.3 - 03/26/2018

### Change

- [\[HABF-3155\]](#) - Release 5.14.3

### Task

- [\[HABF-3143\]](#) - Add GLRI to initiatives list

### Defect

- [\[HABF-3146\]](#) - Error when editing accomp for new mechanism.

## 5.14.2 - 03/01/2018

### Change

- [\[HABF-3142\]](#) - HabITS 5.14.2 deployment

### Task

- [\[HABF-3140\]](#) - Validation errors being reported incorrectly in Validation Detail Report

## 5.14.1 - 02/08/2018

### Change

- [\[HABF-3111\]](#) - HabITS 5.14.1 deployment

### Task

- [\[HABF-3080\]](#) - Fix Report Map images to show correct boundaries and project points.
- [\[HABF-3083\]](#) - Fix Species Summary Report map images
- [\[HABF-3113\]](#) - Show Projects by species in the mapped areas
- [\[HABF-3131\]](#) - Upgrade HabITS5 to use the new Artifactory

### Defect

- [\[HABF-3105\]](#) - Publishing a Focus Area isn't showing correct data (QA).
- [\[HABF-3107\]](#) - Fixes and Changes to Reports found during HABF-3104 pt.2
- [\[HABF-3108\]](#) - Fix Post exports barracuda issue
- [\[HABF-3112\]](#) - Publishing a Focus Area isn't showing correct data (beta).
- [\[HABF-3115\]](#) - Validation Report reporting incorrect values

## Story

- [\[HABF-3073\]](#) - Create UI to access Summary Reports
- [\[HABF-3114\]](#) - Remove the FPDSS layer from map instances
- [\[HABF-3119\]](#) - Species Summary Report - Display Listed Species map Historical Range
- [\[HABF-3120\]](#) - Species Summary Report - Display Listed Species map for Current Range
- [\[HABF-3121\]](#) - Species Summary Report - Display Project Points for ITIS Species map
- [\[HABF-3122\]](#) - Species Summary Report - Display Completed Accomplishment Summary
- [\[HABF-3123\]](#) - Species Summary Report - Display Project and Accomplishment counts

## 5.14.0 - 12/29/2017

## Change

- [\[HABF-3090\]](#) - Production release of HabITS 5.14.0 - reports

## Task

- [\[HABF-2507\]](#) - Report Framework - Display filter variables in a user friendly way
- [\[HABF-2856\]](#) - Update HabITS Proxy Servlet tokens - 1/3/2017
- [\[HABF-2982\]](#) - Integration tests for Validation Detail Report
- [\[HABF-2986\]](#) - Improve Report Controller and Report Service Architecture
- [\[HABF-2989\]](#) - Update the Reporting Plugin to utilize the Read-Only DB
- [\[HABF-2990\]](#) - Improve Reporting Framework UI
- [\[HABF-2991\]](#) - Migrate 'Completed Accomplishment Totals' to Reporting Framework
- [\[HABF-2992\]](#) - Migrate 'Completed Accomplishment List' to Reporting Framework
- [\[HABF-2993\]](#) - Migrate 'Active Accomplishment Totals' to Reporting Framework
- [\[HABF-2994\]](#) - Migrate 'Active Accomplishment List' to Reporting Framework
- [\[HABF-2999\]](#) - Migrate 'Completed Accomplishment by Species Totals' to Reporting Framework
- [\[HABF-3000\]](#) - Migrate 'Completed Accomplishment by Species List' to Reporting Framework
- [\[HABF-3001\]](#) - Migrate 'Completed Climate Change Accomplishment Totals' to Reporting Framework
- [\[HABF-3002\]](#) - Migrate 'Completed Climate Change Accomplishment List' to Reporting Framework
- [\[HABF-3003\]](#) - Migrate 'Active Climate Change Accomplishment Totals' to Reporting Framework
- [\[HABF-3004\]](#) - Migrate 'Active Climate Change Accomplishment List' to Reporting Framework
- [\[HABF-3005\]](#) - Migrate 'Completed Project Totals' to Reporting Framework
- [\[HABF-3006\]](#) - Migrate 'Completed Project List' to Reporting Framework
- [\[HABF-3007\]](#) - Migrate 'Active Project Totals' to Reporting Framework
- [\[HABF-3008\]](#) - Migrate 'Active Project List' to Reporting Framework
- [\[HABF-3009\]](#) - Migrate 'Partner Contribution Totals' to Reporting Framework
- [\[HABF-3010\]](#) - Migrate 'Focus Area Accomplishment List' to Reporting Framework
- [\[HABF-3011\]](#) - Migrate 'Focus Area Target Completion List' to Reporting Framework
- [\[HABF-3012\]](#) - Migrate 'Completed Focus Area Expenditures Totals' to Reporting Framework
- [\[HABF-3013\]](#) - Migrate 'Completed JVA Expenditures Totals' to Reporting Framework
- [\[HABF-3014\]](#) - Migrate 'Active JVA Expenditures Totals' to Reporting Framework
- [\[HABF-3015\]](#) - Migrate 'Active Accomplishment with Species List' to Reporting Framework
- [\[HABF-3016\]](#) - Migrate 'Completed Accomplishment with Species List' to Reporting Framework
- [\[HABF-3017\]](#) - Migrate 'Performance Subtotals Totals' to Reporting Framework
- [\[HABF-3018\]](#) - Migrate 'Performance Fish Passage Subtotals Totals' to Reporting Framework
- [\[HABF-3019\]](#) - Migrate 'Completed Accomplishment Performance List with Narrative List' to Reporting Framework
- [\[HABF-3020\]](#) - Migrate 'Completed Fish Passage Accomplishment Performance List with Narrative List' to Reporting Framework
- [\[HABF-3021\]](#) - Migrate 'QA/QC Flagged Accomplishment List with Narrative List' to Reporting Framework
- [\[HABF-3022\]](#) - Migrate 'QA/QC Flagged Fish Passage Accomplishment Performance List with Narrative List' to Reporting Framework
- [\[HABF-3023\]](#) - Migrate 'Completed Accomplishment 8 Digit HUC Totals' to Reporting Framework
- [\[HABF-3024\]](#) - Migrate 'Completed Accomplishment 8 Digit HUC List' to Reporting Framework
- [\[HABF-3025\]](#) - Migrate 'Completed Accomplishment JVA Totals' to Reporting Framework
- [\[HABF-3026\]](#) - Migrate 'Completed Accomplishment JVA List' to Reporting Framework
- [\[HABF-3027\]](#) - Migrate 'Completed Accomplishment LCC Totals' to Reporting Framework
- [\[HABF-3028\]](#) - Migrate 'Completed Accomplishment LCC List' to Reporting Framework
- [\[HABF-3029\]](#) - Migrate 'Completed Accomplishment EcoRegion Totals' to Reporting Framework
- [\[HABF-3030\]](#) - Migrate 'Completed Accomplishment EcoRegion List' to Reporting Framework
- [\[HABF-3031\]](#) - Migrate 'Completed Accomplishment Geographic Region Totals' to Reporting Framework
- [\[HABF-3032\]](#) - Migrate 'Completed Accomplishment Geographic Region List' to Reporting Framework
- [\[HABF-3033\]](#) - Migrate 'Completed Accomplishment Geographic State Totals' to Reporting Framework
- [\[HABF-3034\]](#) - Migrate 'Completed Accomplishment Geographic State List' to Reporting Framework
- [\[HABF-3035\]](#) - Migrate 'Completed Accomplishment Congressional District Totals' to Reporting Framework
- [\[HABF-3036\]](#) - Migrate 'Completed Accomplishment Congressional District List' to Reporting Framework

- [\[HABF-3037\]](#) - Migrate 'Completed Accomplishment County Totals' to Reporting Framework
- [\[HABF-3038\]](#) - Migrate 'Completed Accomplishment County List' to Reporting Framework
- [\[HABF-3039\]](#) - Migrate 'Completed Accomplishment Programmatic Region Totals' to Reporting Framework
- [\[HABF-3040\]](#) - Migrate 'Completed Accomplishment Programmatic Region List' to Reporting Framework
- [\[HABF-3041\]](#) - Migrate 'Completed Performance Totals' to Reporting Framework
- [\[HABF-3042\]](#) - Migrate 'Completed Performance List' to Reporting Framework
- [\[HABF-3043\]](#) - Migrate 'Completed Fish Passage Performance Totals' to Reporting Framework
- [\[HABF-3044\]](#) - Migrate 'Completed Fish Passage Performance List' to Reporting Framework
- [\[HABF-3045\]](#) - Migrate 'Completed Pollinator Accomplishment List' to Reporting Framework
- [\[HABF-3046\]](#) - Migrate 'Active Pollinator Accomplishment List' to Reporting Framework
- [\[HABF-3065\]](#) - Utilize POST request for exports
- [\[HABF-3072\]](#) - Refactor HabITS Species and Accomplishment code to use Species and Accomplishment Service
- [\[HABF-3077\]](#) - Fix js error that hides the table when there are no results
- [\[HABF-3089\]](#) - Remove Jasper specific reporting stuff once all reports have been migrated
- [\[HABF-3104\]](#) - Exhaustive QA Test of the 5.14.0 Reports

## Defect

- [\[HABF-2938\]](#) - Populate shapefile attributes for Accomplishments
- [\[HABF-3093\]](#) - Project Detail Report - Focus Area unique species
- [\[HABF-3094\]](#) - Project Summary Report - Project Summary of Completed Accomplishments is empty
- [\[HABF-3099\]](#) - Sanitize filter inputs for Reports
- [\[HABF-3106\]](#) - Fixes and Changes to Reports found during HABF-3104 pt.1

## Story

- [\[HABF-2945\]](#) - Migrate Project Summary Report to HabITS5
- [\[HABF-2946\]](#) - Migrate Project Details Report to HabITS5
- [\[HABF-2947\]](#) - Migrate Mechanism Details Report to HabITS5
- [\[HABF-2948\]](#) - Migrate the Validation Report to HabITS5
- [\[HABF-2949\]](#) - Export Validation report to Excel
- [\[HABF-2951\]](#) - Migrate the Geographic Profile report to HabITS5
- [\[HABF-2976\]](#) - Migrate the Validation Detail Report from v4 to v5
- [\[HABF-3052\]](#) - Use bounding box as an additional automatic filter when exporting a shapefile
- [\[HABF-3086\]](#) - Add human-readable report query parameters to Excel and PDF exports
- [\[HABF-3092\]](#) - Add Species link in the Project Detail report
- [\[HABF-3101\]](#) - Require filters for running the Reports that use the Grails Reporting Framework

## 5.13.10 - 10/24/2017

### Defect

- [\[HABF-2974\]](#) - Saving a Completed Accomplishment with valid data fails with invalid reported errors
- [\[HABF-2889\]](#) - GRF PDF exports no longer work on server environments

## 5.13.9

### Task

- [\[HABF-2959\]](#) - Disable the quartz job and then re-deploy to production

## 5.13.8

### Change (subtask)

- [\[HABF-2953\]](#) - Change Control Approval of accomplishment locking

### Task

- [\[HABF-2895\]](#) - September 25, 2017 - Lock Accomplishments for those completed in FY 2017
- [\[HABF-2927\]](#) - Remove code added for conditional 2017 deadline



## 5.13.7 - 9/8/2017

### Defect

- [\[HABF-2933\]](#) - NPE when attempting to edit certain accomplishments in production

## 5.13.6 - 9/7/2017

### Story

- [\[HABF-2926\]](#) - Update the deadline for TX
  - Additional changes were made from previous release to close a small corner case

### Defect

- [\[HABF-2911\]](#) - Changing Habitat Type removes treatments from form submission
- [\[HABF-2932\]](#) - Update Reported in Fiscal year validation behavior

## 5.13.5 - 9/1/2017

### Story

- [\[HABF-2917\]](#) - When performing query to select shapes from a reference layer, exclude Label layers from the results
- [\[HABF-2926\]](#) - Update the deadline for TX

### Defect

- [\[HABF-2691\]](#) - Project edit - Lazy initialization error

## 5.13.4 - 8/18/2017

### Story

- [\[HABF-2893\]](#) - Set Completion Date Deadline to September 2, 2017
- [\[HABF-2894\]](#) - Add 2018 to the reports fiscal year controls

### Defect

- [\[HABF-2527\]](#) - POC Filters on the Search pages not showing previously selected POC
- [\[HABF-2897\]](#) - DirtyForms are not working in the app
- [\[HABF-2907\]](#) - Can't get species lists
- [\[HABF-2909\]](#) - Issue deleting Accomplishment 728021
- [\[HABF-2912\]](#) - Not saving hours to SPA staff days field.

## 5.13.3 - 8/12/2017

### Defect

- [\[HABF-2898\]](#) - Production activiti pointing to QA activit. Update config.groovy

## 5.13.2 - 8/11/2017

### Task

- [\[HABF-2637\]](#) - Trigger Activiti to run when saving an SP Activity
- [\[HABF-2656\]](#) - Data migration for Focus Area metrics

- [\[HABF-2835\]](#) - Execute setup script for Activiti DB in PROD
- [\[HABF-2836\]](#) - Configure Activiti required data sources in PROD
- [\[HABF-2839\]](#) - Configure Activiti required data sources in Beta
- [\[HABF-2840\]](#) - Move the use of tomcat7-maven-plugin to the profiles in soa-bpm
- [\[HABF-2841\]](#) - Update delete projects to run multiple algorithms
- [\[HABF-2842\]](#) - Update delete accomplishment to run correct algorithm
- [\[HABF-2843\]](#) - Saving an accomplishment would require running multiple algorithms
- [\[HABF-2844\]](#) - Deletion of a Strategic Plan Activity requires running an algorithm
- [\[HABF-2846\]](#) - Add label layers to HabITS layer groups
- [\[HABF-2861\]](#) - Changing an activity type on a Strategic Plan Activity has to run two calculations
- [\[HABF-2865\]](#) - Deploy HabITS 5.13.2 to production
- [\[HABF-2875\]](#) - Update Shapefile Download file management
- [\[HABF-2879\]](#) - Update (7) users who do not have a value set for region in the ecos person record
- [\[HABF-2880\]](#) - Fix the broken build - 5.13.2 active branch
- [\[HABF-2881\]](#) - Remove the Javamelody plugin from HabITS5

## Story

- [\[HABF-2831\]](#) - Review and resolve errors captured in the accomp\_sptl\_cross\_errors table
- [\[HABF-2832\]](#) - Geocoding - zoom to closer scale when clicking on "Go To"
- [\[HABF-2833\]](#) - Add scale and coordinate indicators back to the map editor and analysis map
- [\[HABF-2860\]](#) - Re-add the Strategic Plan Targeting and Tracking page
- [\[HABF-2864\]](#) - Geocoding zoom behavior - minor adjustments

## Research or Investigation

- [\[HABF-2867\]](#) - Geometry Operation Failure on Union All- Non-Noded Intersection

## Administrative task

- [\[HABF-2878\]](#) - Project Management - Occam July 31, 2017

## Defect

- [\[HABF-2826\]](#) - Error: Operation on two GEOMETRIES with different SRIDs
- [\[HABF-2834\]](#) - Active Pollinator report throws exception at "My Reports" scope
- [\[HABF-2845\]](#) - Strategic Plan Activity shows multiple "Other" options in the Activity Type on Production
- [\[HABF-2855\]](#) - Validation Reports fail when using filter params
- [\[HABF-2857\]](#) - Thumbnail map doesn't work when saving from a tab other than "Properties"
- [\[HABF-2869\]](#) - Null pointer trying to get ecological classifications by user region
- [\[HABF-2870\]](#) - Project geometry create and remove throws exception
- [\[HABF-2871\]](#) - 404 when navigating to the map editor for some Mechanisms
- [\[HABF-2873\]](#) - Strategic Plan Targets submit button gives a "successful save" flash message in FF
- [\[HABF-2874\]](#) - Program selection is not applied when filtering Strategic Plan Measures
- [\[HABF-2891\]](#) - Delete button on Accomplishment Edit form does a form submit after some time

## 5.13.1.1 - 7/14/2017

### Story

- [\[HABF-2829\]](#) - Remove Shapefile Download from the Map Editor

### Defect

- [\[HABF-2827\]](#) - Bookmarks failing on production
- [\[HABF-2828\]](#) - Habits5 "org.hibernate.AssertionFailure: getGeneratedKeys() support is not enabled"

## 5.13.1 - 7/10/2017

### Defect

- [\[HABF-2825\]](#) - Bookmark Test failures have caught a workflow issue.

## 5.13.0 - 7/10/2017

### Task (subtask)

- [HABF-2457] - Analysis Mapper UI - Bookmark - Basic UI
- [HABF-2458] - Analysis Mapper UI - Bookmark - Cancel Function
- [HABF-2459] - Analysis Mapper UI - Bookmark - Add Function
- [HABF-2460] - Analysis Mapper UI - Bookmark - Delete Function
- [HABF-2468] - Analysis Mapper UI - Bookmark - Click on Bookmark
- [HABF-2469] - Analysis Mapper UI - Print - Base Preview UI
- [HABF-2470] - Analysis Mapper UI - Print - Cancel Function
- [HABF-2471] - Analysis Mapper UI - Print - Toggle Orientation Button
- [HABF-2472] - Analysis Mapper UI - Print - Preview Print
- [HABF-2475] - Analysis Mapper UI - Print - Map image adjustment functions
- [HABF-2476] - Analysis Mapper UI - Print - Map image Load
- [HABF-2669] - Analysis Mapper - Shapefile Generation - Accomplishment layers
- [HABF-2670] - Analysis Mapper - Shapefile Generation - Accomplishment Attributes

### Task

- [HABF-2219] - Test Leaflet 1.0 Upgrade
- [HABF-2403] - Prepare rudimentary domain for Strategic Plan Activity
- [HABF-2448] - Write Mapper Plug-in Dev Recipes - Custom Control Creation
- [HABF-2451] - Create No-Op Mapper Plug-in Control - Shapefile Export
- [HABF-2452] - Create No-Op Mapper Plug-in Control - Bookmarks
- [HABF-2453] - Create No-Op Mapper Plug-in Control - Print
- [HABF-2455] - Initially Integrate 3rd Party JS w/ Mapper Plug-in Control - Bookmarks
- [HABF-2456] - Initially Integrate 3rd Party JS w/ Mapper Plug-in Control - Print
- [HABF-2461] - Finally Integrate 3rd Party JS w/ Mapper Plug-in Control - Shapefile Export
- [HABF-2462] - Finally Integrate 3rd Party JS w/ Mapper Plug-in Control - Bookmarks
- [HABF-2463] - Finally Integrate 3rd Party JS w/ Mapper Plug-in Control - Print
- [HABF-2466] - Finally Integrate 3rd Party JS w/ Mapper Plug-in Control - Layer Order
- [HABF-2467] - Augment Mapper Plug-in Control Infrastructure for per/layer controls
- [HABF-2473] - Create No-Op Mapper Plug-in Control - Layer Filter
- [HABF-2474] - Initially Integrate 3rd Party JS w/ Mapper Plug-in Control - Layer Filter
- [HABF-2477] - Finally Integrate 3rd Party JS w/ Mapper Plug-in Control - Layer Filter
- [HABF-2479] - Create No-Op Mapper Plug-in Control - PER Layer Order
- [HABF-2545] - Strategic Plan Targets - Goal 2- Metric 1 "Number of Annual Partnerships" Actual Field Calculation
- [HABF-2546] - Strategic Plan Targets - Goal 2- Metric 2 "Number of Private Landowner Partnerships and Agreements" Actual Field Calculation
- [HABF-2547] - Strategic Plan Targets - Goal 2- Metric 3 "Percent leveraged for Projects" Actual Field Calculation
- [HABF-2548] - Strategic Plan Targets - Goal 3- Metric 1 Actual Field Calculation
- [HABF-2549] - Strategic Plan Targets - Goal 3- Metric 2 Actual Field Calculation
- [HABF-2550] - Strategic Plan Targets - Goal 4- Metric 1 Actual Field Calculation
- [HABF-2551] - Strategic Plan Targets - Goal 5- Metric 1 Actual Field Calculation
- [HABF-2632] - Create abstract Measure Engine classes and interfaces
- [HABF-2633] - Implement Measure Engine and Params
- [HABF-2634] - Implement the Calculation Job
- [HABF-2635] - Leverage Spring to define the resources
- [HABF-2636] - Implement Measure
- [HABF-2656] - Data migration for Focus Area metrics
- [HABF-2665] - Finalize bookmarks implementation based on feedback
- [HABF-2668] - Analysis Mapper - Shapefile Generation - Threaded Process
- [HABF-2673] - Implement BookmarksService and bookmark domain
- [HABF-2705] - Evaluate and demonstrate using the Activiti Business Process Management engine
- [HABF-2707] - Set up HabITS Measures project
- [HABF-2713] - Utilize dialog plugin for bookmarks
- [HABF-2773] - Create and deploy the business process for HabITS
- [HABF-2774] - Create the Spring configuration to map the classes to the "Execute SPA Measures" process element
- [HABF-2777] - Add database tables for the non-SPA measures
- [HABF-2782] - Create Jenkins Job for deploying HabITS algorithm jar to Activiti
- [HABF-2783] - Deploy Activiti to Tomcat using Jenkins
- [HABF-2797] - Configure Activiti to use Postgres in server environments
- [HABF-2798] - Update SPA algorithm strategy classes to account for Program and for algorithms based on Accomplishments
- [HABF-2799] - Update the SPA algorithms to calculate measures and save values using Program
- [HABF-2800] - Add 'program' to the region aggregation table
- [HABF-2803] - Placeholder - Address issues reported in 5.13 UAT

### Documentation

- [HABF-2297] - Continue Documenting Mapper Plug-in in an On-Demand Capacity
- [HABF-2443] - Create tickets for the HabITS Analysis Mapper architectural tasks

## Story

- [\[HABF-2252\]](#) - Improve Geolocation functionality in V5 (actually geocoding)
- [\[HABF-2431\]](#) - Remember and load layer selections for the duration of a mapping session
- [\[HABF-2444\]](#) - New Button for Analysis Mapper on Habits Navigation Bar
- [\[HABF-2445\]](#) - Analysis Mapper UI - Base Configuration
- [\[HABF-2446\]](#) - Analysis Mapper UI - Base Configuration - Return to Dashboard Function
- [\[HABF-2447\]](#) - Analysis Mapper UI - Base Configuration - Default Layer Load
- [\[HABF-2449\]](#) - Analysis Mapper UI - Base Configuration - Basic Layer Functions
- [\[HABF-2620\]](#) - Display Accomplishments, Projects, and Mechanism layer by default
- [\[HABF-2666\]](#) - Analysis Mapper - Shapefile Export Function UI
- [\[HABF-2667\]](#) - Analysis Mapper - Shapefile Export Click Submit Button
- [\[HABF-2679\]](#) - Add filter and layer control to the Analysis Mapper
- [\[HABF-2680\]](#) - Print Legend
- [\[HABF-2681\]](#) - Filter attributes - Accomplishments layer
- [\[HABF-2735\]](#) - Previously locked Accomplishments should handle dates properly
- [\[HABF-2765\]](#) - Don't show the "If the photo is monitoring-related..." message when adding a photo for a Monitoring record
- [\[HABF-2802\]](#) - Select Program when viewing Strategic Plan Measure targets and tracking

## Research or Investigation

- [\[HABF-2792\]](#) - Research and plan a better geocoding solution

## UAT Finding

- [\[HABF-2795\]](#) - Bookmark coordinates for HabITS4 and HabITS5 are incompatible
- [\[HABF-2813\]](#) - UAT - Issues with Map Printing
- [\[HABF-2819\]](#) - UAT - Title bar color is missing in final Print
- [\[HABF-2822\]](#) - UAT - On Print output "hide legend" hyperlink and check box for layers appears in final legend on map
- [\[HABF-2823\]](#) - UAT - User on IE 11 can not see accomplishmentnets
- [\[HABF-2824\]](#) - UAT - Browser Detection type needed

## Defect

- [\[HABF-2429\]](#) - Clicking on "Zoom to" with the Geolocate tool, sometimes zooms out too far
  - [\[HABF-2662\]](#) - Debug Mapper Grails Plug-in Sketch (FreeDraw) Tool - Leaflet 1.0 issues
  - [\[HABF-2663\]](#) - Grails Mapper-plugin layer filter indicator and filter remove fixes
  - [\[HABF-2676\]](#) - Print - Zoom and pan doesn't load layers on first load
  - [\[HABF-2794\]](#) - Focus Area summary report fails when viewing version report
  - [\[HABF-2807\]](#) - Missing statusCheck page in production
  - [\[HABF-2814\]](#) - Branch HabITS5 Trunk to "5.13.0 plus trunk", merge 5.13.0
- 

## 5.12.2 - 6/22/2017

### Story

- [\[HABF-2808\]](#) - Fix Focus Area Versioning

### Defect

- [\[HABF-2804\]](#) - Project Details report throws exception
  - [\[HABF-2805\]](#) - File Search breaks because of missing relationship
- 

## 5.12.1 - 6/15/2017

### Defect

- [\[HABF-2793\]](#) - Strategic Plan Totals Report not running on 5.12.0
-

## 5.12.0 - 6/15/2017

### Summary

Release 5.12.0 focused on introducing the changes needed for

- Creating A Strategic Plan Activity
  - Users can enter an activity for both Metric and Non-Metric bases reporting
- Setting Strategic Plan Targets and Progress
  - A Regional coordinator is able to set Targets for the region

### Strategic Plan Activity Entry

- User is able to create a new Strategic Plan Activity
  - User is able to see a link under **Habitat Improvement** dropdown for "Create a New Strategic Plan Activity"
  - While searching for an **Strategic Plan Activity**, the user is able to see a Button for "New Strategic Plan Activity"
- On Create a Strategic Plan Activity Form user is able to see the following fields
  - **Activity Name** - Required - Max Length is 300 Characters
  - **Lead Program** - Required
  - **FWS Point of Contact** - Required. Note that the default is based on the current user
    - Options to view Recently Selected POC's
    - Option to Find other POC's
  - **Activity Type** - Required. Note that activity types are broken down by the Goals for the current Active Generation
    - Once selected user will be required to enter a "Value" for that Activity Type
    - The language of the Value will change based on the Activity type selected
      - For example - If Congressional Outreach then a message for "Enter the number of outreach activities" will be presented
    - User can only select **ONE**, activity type per Strategic Plan Activity
  - **FWS Initiatives** - Optional.
    - Users are able to select more than one
  - **Date of Activity** - Required
    - Default value is current system date
    - Users can select any date within the Active Generation
    - **Fiscal Year** is Controlled by the Date of Activity
    - **Generation** is an indicator of the current Active Generation
  - **Projects** - Optional
    - users can associate the Strategic Plan Activity to a Project(s)
    - User can search for a project
    - Users can select more than one project
  - **Narrative** - Required
    - Users must at least put in one character
    - Character count is displayed
- If user does not enter all required fields the system will provide guidance on missing values
- On Save user will receive a confirmation notice that the Activity Plan was created
- User is able to Search for a Strategic Plan Activity
  - User is able to see a Link under **Habitat Improvement** Dropdown for **Search for a Strategic Plan Activity**
- On Search of a Strategic Plan Activity form user is able to see the following filters
  - **Activity ID**
  - **Activity Name**
  - **Lead Program** - Multi Select
  - **Activity Type** - Multi Select
  - **Point of Contact** - Multi Select
    - User is able to search
  - **Lead Office** - Multi Select
    - user is able to Search
  - **State** - Multi Select
  - **Region** - Multi Select
  - **Generation** - Multi Select
- User is able to Sort Results based on
  - Activity ID
  - Activity Name
  - Generation
  - Date Created
  - Last Update
- User is able to change Max Results per Page
  - 10
  - 20
  - 50
  - 100
- User is able to export list results to Excel
  - Table format
    - ID
    - Name

- Generation
  - Region
  - Activity Types
    - Note that in Generations 2 and 1 users were able to select more than one activity type. Those will more than one will display as (Multiple)
  - Program Type
  - State
  - Fiscal year
  - Create Date
  - Created by
  - Last Updated Date
  - Last Updated by
- List Results
  - ID
  - Strategic Plan Activity Name
  - Generation
  - Region
  - Activity Type
    - Note that in Generations 2 and 1 users were able to select more than one activity type. Those will more than one will display as (Multiple)
- List Expand View
  - Strategic Plan Activity ID
  - Strategic Plan Activity Name
  - Program Type
  - Activity Type
  - State
  - Region
  - Fiscal Year
  - Date Created
  - Last Updated
  - Last Updated by
  - Button to **View Properties**
    - On Click User is redirected for form to view entry
  - Button to **Edit Properties**
    - Only Visible for Active Generations
    - User is able to modify the Record
  - Button to **Delete Strategic Plan Activity**
    - On Click, user is redirected to form with confirmation of delete function
    - User must acknowledge and confirm delete before Delete Button is active
      - On click of Delete button user is presented if confirmation that delete was completed

## Strategic Plan Targets and Progress

- New Link under Habitat Improvements
  - Labeled Strategic Plan Targets and Progress
    - On Click user is redirected to new targets page
- New Strategic Plan Targets and Progress Page
  - New Page is opened
    - Generation - Default is current active generation
      - User can select previous generations but Page will change to read only as users can only modify active generations
    - Region - Default is users home office regions
      - User can select other regions
        - If user has the correct role for that region, they can modify that regions targets.
        - If user does not have the correct role for that region, they can only view and be in re-only mode
    - All Goals and Measures are displayed for that Generation and Region
    - User can set the Targets for the measures for that goal - TBD

## Task (subtask)

- [HABF-2392] - Add Strategic Plan Activity and Link to Create A New Strategic Plan Activity
- [HABF-2397] - Add New Tab for File Upload
- [HABF-2398] - Add File From Details to Strategic Plan Activity
- [HABF-2399] - Existing File Results Table

## Task

- [HABF-2427] - Update ecos\_data with missing person records, BETA and QA.
- [HABF-2493] - Add database and domain entities to support Strategic Plan generations, goals, metrics
- [HABF-2494] - Determine complexity score of geometries
- [HABF-2506] - Fix SPA delete issues
- [HABF-2522] - Excel output for SPA search page
- [HABF-2525] - Change to Strategic Plan Activities grouping title
- [HABF-2566] - Upgrade to Leaflet 1.0 - Third Pass
- [HABF-2568] - Complex Focus areas - test behavior, identify problems, plan solutions

- [HABF-2573] - Upgrade to Leaflet 1.0 - Context Menu Plug-in Upgrade
- [HABF-2604] - Refactor Focus Area Controller to move service business logic to the Service
- [HABF-2625] - Create generation 3 database records
- [HABF-2630] - Make strat\_plan\_act\_type\_cross a real table and not an actual cross table.
- [HABF-2647] - SPA Activity Type shows up even if removed and SPA is saved. No metric value shows for 'Other', but gets validation exception.
- [HABF-2649] - Generation 1/2 Activity Types cause an exception when viewing
- [HABF-2654] - If no benefited habitat targets filled out, citations add or species added do not save
- [HABF-2664] - Project delete needs to remove itself from any Strategic Plan Activity
- [HABF-2672] - Update accomp\_sptl\_cross and focus area intersections to count linear features as structures when Accomplishment Habitat Type is "Other Structures"
- [HABF-2682] - UAT - Strategic Plan Activites - Redesign Activity Type Value Description
- [HABF-2683] - UAT - Strategic Plan Activites - Label Consistency
- [HABF-2684] - UAT - Strategic Plan Activites - ID Current Generation Activity Type on Search UI
- [HABF-2685] - UAT - Strategic Plan Activites - Add Activity ID as a searchable filter
- [HABF-2688] - Devin Misc changes
- [HABF-2689] - UAT - Strategic Plan Activites - Add Region to Filter
- [HABF-2692] - Fix Report filters to user user defaults.
- [HABF-2710] - Strategic Plan Targets - Label Changes
- [HABF-2712] - Strategic Plan Reports - Update Generation Dropdown to Include Years for Generation
- [HABF-2724] - Refactor SPA Activity Type to have a cross-table with Goals
- [HABF-2742] - Regression test Leaflet 1.0 upgrade in the 5.12 branch
- [HABF-2749] - Prepare 5.12 branch of code for deployment
- [HABF-2752] - Update URLs for Land Ownership and National Integrated Land System - HabITS5
- [HABF-2756] - Regression testing after SPA Many-to-Many refactor
- [HABF-2784] - Deploy HabITS 5.12.0 to production
- [HABF-2789] - Remove the Strategic Plan Targets and Tracking page from navigation temporarily

## Story

- [HABF-2393] - Search for Strategic Plan Activity Link
- [HABF-2394] - Search for Strategic Plan Activity Filters
- [HABF-2395] - Create Edit/Read Existing Strategic Plan Activity TAB
- [HABF-2404] - Apply File Management workflows to Strategic Plan Activity
- [HABF-2405] - Save Strategic Plan Activity
- [HABF-2425] - Disable shape editing when complexity passes the "insane" threshold - Plug-in
- [HABF-2432] - Create/Edit/Read Strategic Plan Activity - Properties Tab, Add POC
- [HABF-2433] - Create/Edit/Read Strategic Plan Activity - Properties Tab, Narrative
- [HABF-2434] - Create/Edit/Read Strategic Plan Activity - Properties Tab, Initiatives
- [HABF-2435] - Create/Edit/Read Strategic Plan Activity - Properties Tab, Activity Type
- [HABF-2490] - Strategic Plan Activity - Search Updates
- [HABF-2492] - Calculate Focus Area metrics using date range from associated Strategic Plan generation
- [HABF-2495] - Just upload a Shapefile (Focus Areas)
- [HABF-2513] - WO Users can view and delete all species lists
- [HABF-2519] - Strategic Plan Targets - Generation Selection for Region
- [HABF-2520] - Strategic Plan Targets - Cancel Button
- [HABF-2535] - Strategic Plan Activity - Date of Activity
- [HABF-2536] - Strategic Plan Activity - Generation Field
- [HABF-2537] - Strategic Plan Activity - Generation Filter
- [HABF-2538] - Strategic Plan Targets - Link
- [HABF-2539] - Strategic Plan Targets - Goals
- [HABF-2540] - Strategic Plan Targets - Metrics
- [HABF-2541] - Strategic Plan Targets - Target Field
- [HABF-2542] - Strategic Plan Targets - Actuals
- [HABF-2543] - Strategic Plan Targets - Save Button
- [HABF-2544] - Strategic Plan Targets - Metric Status Bar
- [HABF-2569] - Save Focus Area form data without the geometry
- [HABF-2570] - Save Focus Area geometry immediately when 'returning to form' from the map editor
- [HABF-2574] - Strategic Plan Activity - Project
- [HABF-2577] - Strategic Plan Report - Label Change
- [HABF-2578] - Strategic Plan Report - Basic Totals
- [HABF-2579] - Strategic Plan Report - Basic List
- [HABF-2580] - Strategic Plan Report - Advanced Filtering
- [HABF-2603] - Update the Pollinator Report
- [HABF-2619] - Add Sketch tool for additional polygons
- [HABF-2624] - Treat multiple active features as a single, multi-geometry
- [HABF-2651] - Strategic Plan Activity - Setting Value Label
- [HABF-2652] - Strategic Plan Activity - Update to Activity Type Goal
- [HABF-2690] - UAT - Strategic Plan Activities - Add Lead office
- [HABF-2709] - Strategic Plan Targets - Filter Control
- [HABF-2711] - Strategic Plan Targets - Add Technical Assistance and Other to Goals
- [HABF-2734] - Map UI Behavior Change - Layers Dialog Box
- [HABF-2737] - Map UI Behavior Change - Confirmation of layer selection
- [HABF-2739] - Map UI Behavior Change - Context Menu Augmentation
- [HABF-2745] - Add filter labels for Accomplishment layer attributes
- [HABF-2746] - Add filter labels for Project layer attributes
- [HABF-2747] - Add filter labels for Mechanism layer attributes
- [HABF-2748] - Add filter labels for Focus Area layer attributes
- [HABF-2770] - Map UI Behavior Change - Layers Dialog Box - Features Count

- [\[HABF-2771\]](#) - Map UI Behavior Change - Context Menu Default
- [\[HABF-2772\]](#) - Create Cross Table between Strategic Plan-Goal-Activity Type
- [\[HABF-2787\]](#) - When selecting Accomplishments, Projects, or Mechanisms from a reference layer, do not simplify

## Defect

- [\[HABF-2504\]](#) - Performing a union between two shapes that do not overlap retains only the last geom
- [\[HABF-2610\]](#) - After resetting the completion date, the reported in fy does not change
- [\[HABF-2612\]](#) - Functional Testing - Error message when saving a valid Strategic Plan Activity
- [\[HABF-2613\]](#) - Functional Testing - Oct 1,2016 is Valid for 2017 Fiscal Year with Generation 3
- [\[HABF-2614\]](#) - Functional Testing - Error message for Invalid Date of Activity when the date is valid
- [\[HABF-2617\]](#) - Functional Testing - Grails Runtime Exception when modifying date with different year
- [\[HABF-2618\]](#) - Functional Testing -Unexpected Workflow after Delete of Strategic Plan Activity
- [\[HABF-2622\]](#) - Add the "Crop to Parent" for the Project geometry
- [\[HABF-2631\]](#) - Strategic Plan Activity - UI Changes
- [\[HABF-2642\]](#) - Combine Activity Types with matching names in SPA search
- [\[HABF-2653\]](#) - Functional Testing - Value Fields for Activity Type sometimes do not display
- [\[HABF-2658\]](#) - Focus Area Upload Shapefile button click submits form
- [\[HABF-2660\]](#) - Fix the broken Mechanism delete test
- [\[HABF-2662\]](#) - Debug Mapper Grails Plug-in Sketch (FreeDraw) Tool - Leaflet 1.0 issues
- [\[HABF-2687\]](#) - User plugin issue - "No such property: region for class: gov.doi.ecos.EcosUser"
- [\[HABF-2722\]](#) - bootstrap-theme.css 404
- [\[HABF-2723\]](#) - Map Editor is loading HabITS layers from an internal URL
- [\[HABF-2732\]](#) - Thumbnail map shows console error for "Bounds are not valid"
- [\[HABF-2733\]](#) - Update the NWI URL to use the correct source
- [\[HABF-2743\]](#) - Accomplishment exception - Production - Cannot invoke method getAt() on null object
- [\[HABF-2764\]](#) - Fix Mapping Filter Metadata Initialization
- [\[HABF-2766\]](#) - Editing an Accomplishment with a point / multipoint geometry throws console error
- [\[HABF-2767\]](#) - Layers fail when trying to load the "Related" layers in workflows where they do not apply
- [\[HABF-2768\]](#) - Cannot remove geometry
- [\[HABF-2769\]](#) - Add the ability to identify HabITS layers
- [\[HABF-2788\]](#) - Remove geometry > Sketch doesn't work

## 5.11.3

April 18th, 2017

### Summary

- Hotfix release to address an Accomplishment form defect regarding the available Treatment types and a database modification to speed up Species Lists loading times.

### Task

- [\[HABF-2599\]](#) - Optimize the habits4.scoped\_habits\_species view

### Defect

- [\[HABF-2623\]](#) - Treatment options when creating an Accomplishment are not populated

## 5.11.2

### Summary

- Hotfix release to add new initiatives and fix minor defects

### Task

- [\[HABF-2607\]](#) - Add 2 new Initiatives

### Defect

- [\[HABF-2562\]](#) - File Search report throws an error and doesn't render the files
- [\[HABF-2601\]](#) - Help Link is Broken



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## 5.11.1

### Summary

- Hotfix Release to address various post 5.11 defects

### Task

- [\[HABF-2454\]](#) - Initially Integrate 3rd Party JS w/ Mapper Plug-in Control - Shapefile Export
- [\[HABF-2464\]](#) - Create No-Op Mapper Plug-in Control - Layer Order
- [\[HABF-2465\]](#) - Initially Integrate 3rd Party JS w/ Mapper Plug-in Control - Layer Order
- [\[HABF-2488\]](#) - Implement Workaround for IE anchor href attribute character limit
- [\[HABF-2589\]](#) - Devin Misc changes
- [\[HABF-2590\]](#) - Allow Focus Area targets to be saved as Decimals

### Defect

- [\[HABF-2528\]](#) - Can't cut more than one hole in a geom
  - [\[HABF-2582\]](#) - Accomplishment and Habitat Type filters for Advanced Reports don't work with multiple selections
  - [\[HABF-2586\]](#) - Multi-select report params do not transfer to Jasper properly
  - [\[HABF-2591\]](#) - FF ignoring cell widths in advanced reports
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## 5.11.0

### Summary

- Update Report UI to show only the needed reports
- Modify the Monarch report to include all Pollinators
- Modify the Climate Change reports to use the FWS Initiative instead of the special funding category
- Pilot an alternative approach to developing canned reports
- Produce the Completed Performance and Completed Fish Passage Performance reports using the new report framework
- Resolve a variety of defects
- HabITS5 logo added to Dashboard and Favorite icon added

### Task

- [\[HABF-2331\]](#) - First pass upgrade of Leaflet 1.0
- [\[HABF-2450\]](#) - Retrieving Species for the user performs too slowly - times out
- [\[HABF-2484\]](#) - Proof of Concept Habits5 Based Report Design
- [\[HABF-2488\]](#) - Implement Workaround for IE anchor href attribute character limit
- [\[HABF-2508\]](#) - Report Framework - Hyperlink module IDs to their associated module.
- [\[HABF-2511\]](#) - Implement Release Note functionality

### Documentation

- [\[HABF-2213\]](#) - Begin Reports Requirements Process

### Story

- [\[HABF-2245\]](#) - Update Monarch Report to Include Pollinators
- [\[HABF-2253\]](#) - Change Climate Reports to use FWS Initiative - Climate Change
- [\[HABF-2407\]](#) - Updates for Performance Completed Totals Report
- [\[HABF-2413\]](#) - Updates for Performance Completed Fish Totals
- [\[HABF-2414\]](#) - Update Completed Fish Passage Accomplishment Performance List
- [\[HABF-2415\]](#) - Update Completed Accomplishment Totals
- [\[HABF-2510\]](#) - Updates for Performance Completed List
- [\[HABF-2512\]](#) - Remove requirement to enter a target to save a draft Focus Area
- [\[HABF-2517\]](#) - Remove these geographic reports presented in the UI

### Defect

- [\[HABF-2185\]](#) - Various domain objects use the XsoFwsOffice while the habits4 schema has an EcosOffice constraint.
- [\[HABF-2329\]](#) - Unexpected Server Error when Selecting Specialty Reports

- [HABF-2402] - Editing the Accomplishment geometry adds a % in IE
  - [HABF-2430] - Troubleshoot truncation of large response payload
  - [HABF-2489] - Remove validation message for previous FY when Accomplishments are locked
  - [HABF-2505] - No delete pop-up appears when trying to delete an Accomplishment from the Dashboard
  - [HABF-2516] - Focus Area reports are not reporting all species
  - [HABF-2526] - Fix file deletion for all habits
  - [HABF-2527] - POC Filters on the Search pages not showing previously selected POC
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## 5.10.0

### Summary

- Combine Focus area work (5.10) with Mapping work (5.9)
- Focus Area
  - On clicking, if data is available a progress bar is presented
    - Display all values if available, but NA
  - User is able to see and select 'Display Progress of All Benefited Habitat Type Targets'
    - Display all values if available
    - On click, if data is available a progress bar is presented
  - User is able to see Change Log at top of page if modification is done
  - User is able to See 'Edit Focus Area Geometry' button with thumbnail of focus area.
    - On click, user is able to edit map details and adjust boundaries.
  - User is able to search for a focus area
  - User is able to apply filters to refine focus area search
  - User is able to export focus area list results into Excel
  - User is able to create a new focus Area
  - When selecting a focus area, status details have been added
  - When selecting a focus area user is able to see and select 'Display Progress of Targeted Benefited habitat Type Targets'
  - When selecting a focus area user is able to Edit and be redirected to Edit Focus Area
- Mapping
  - User is able to draw a box for selection
  - User is able to draw a Circle for selection
  - User is able to Sketch (free form)
  - Drag Selection of elements based on layers
  - On selection user will need to submit or clear

### Task

- [HABF-1411] - Augment mapping module with reference layer geometry selection
- [HABF-1413] - Augment mapping module with geometry cropping operation
- [HABF-1416] - Augment mapping module with geometry intersection operation
- [HABF-1417] - Augment mapping module with geometry union operation
- [HABF-1418] - Augment mapping module with geometry difference operation
- [HABF-1852] - Add SSURGO as a reference layer in the map editor
- [HABF-2105] - Create a search page for Focus Areas
- [HABF-2106] - Set up Filters for Focus Area Search (UI)
- [HABF-2107] - Set up Filters for Focus Area Search (Back End)
- [HABF-2108] - Filter Focus Areas by chosen criteria
- [HABF-2109] - Display a list of Focus Areas on the Search page (UI)
- [HABF-2110] - Sort the Focus Area list on the Search page.
- [HABF-2111] - Excel download of filtered list of Focus Areas from the search page
- [HABF-2112] - Create an edit page for Focus Areas
- [HABF-2113] - Create the Focus Area "Properties" tab form
- [HABF-2114] - Create the Focus Area "Files" tab form
- [HABF-2115] - Create the Focus Area "Benefits by Habitat Type" tab form
- [HABF-2116] - Create the Focus Area "Change Log" section in the Properties Tab
- [HABF-2117] - Create the Focus Area "Published Versions" section in the Properties Tab
- [HABF-2118] - Create the Focus Area "Targets" section for "Benefits by Habitat Type"
- [HABF-2119] - Create the Focus Area "Citations" for "Benefits by Habitat Type" section
- [HABF-2120] - Create the Focus Area "Species" section for "Benefits by Habitat Type" tab form
- [HABF-2121] - View a Focus Area in Read-only mode.
- [HABF-2122] - Save a Focus Area as Draft
- [HABF-2123] - Display a Thumbnail map of the Focus Area on the "Properties" tab
- [HABF-2125] - Publish a Focus Area
- [HABF-2126] - Delete a Focus Area
- [HABF-2128] - Setup domain objects for Focus Areas
- [HABF-2129] - HabITS Focus Area Requirements part2
- [HABF-2133] - Preliminary analysis on HabITS reports usage
- [HABF-2144] - Optimize Reference Layer Context Menu "Activate" Action
- [HABF-2148] - Remove notices to use legacy mapper system from HabITS5
- [HABF-2154] - Constrain Changelog list to Current Version of the selected Focus Area
- [HABF-2155] - Load up Targets data for Benefit By Habitat Type for Focus Areas
- [HABF-2156] - Load up Target Citation data for Benefit By Habitat Type for Focus Areas
- [HABF-2157] - Load up Target Species data for Benefit By Habitat Type for Focus Areas

- [HABF-2158] - Create Domain Cross for Focus Area Species
- [HABF-2159] - Customize Map Area Selection Tool w/ User Draw
- [HABF-2160] - Determine User Rights for Focus Areas
- [HABF-2165] - Code Test Focus Area Work
- [HABF-2169] - Tomcat8 on HabITS5 on QA
- [HABF-2171] - Rewrite the Focus Area Detail Report in the new system
- [HABF-2172] - Rewrite the Published Focus Area Summary Report in the new system
- [HABF-2173] - Gather requirements for showing Focus Area Progress
- [HABF-2181] - Add/Edit a Citation to a Benefitted Habitat Type for a Focus Area
- [HABF-2183] - Remove a Citation to a Benefitted Habitat Type for a Focus Area
- [HABF-2184] - Fix all unit and integration tests on 5.10 branch
- [HABF-2188] - HabITS Focus Area Requirements part3
- [HABF-2189] - Design UI for Focus Area Progress
- [HABF-2190] - Focus Area Progress on Focus Area Search
- [HABF-2191] - Get Accomplishment Target Data to track Focus Area Progress (Service)
- [HABF-2192] - Provide Accomplishment Target Data to Focus Areas
- [HABF-2193] - Incorporate customer dev meeting map selection (non-confirmation) feedback
- [HABF-2194] - Setup Domain model to track Focus Area Progress
- [HABF-2197] - Ajax-ify- the Focus Area Progress slide area on the Search page.
- [HABF-2198] - Targets values are not being assigned correctly for Focus Areas
- [HABF-2200] - Create focus area species records
- [HABF-2201] - Fix focus area save to take into consideration it is an edit of an existing focus area.
- [HABF-2202] - Focus area errors are not showing up during create or edit.
- [HABF-2203] - Augment Identify operation for specific scenarios
- [HABF-2204] - Modify Selection Tool Behavior based on User Feedback
- [HABF-2207] - Implement workflow business rules for Focus Areas
- [HABF-2208] - Changelog not visible when doing various edits
- [HABF-2217] - Merge version branches 5.9 and 5.10 in preparation for UAT
- [HABF-2218] - Perform regression testing after merging code branches
- [HABF-2220] - Application error page in Habits is showing old Helpdesk number
- [HABF-2224] - Habits testing of Changelogs
- [HABF-2225] - Habits focs area testing of Benefitted Habitats and Targets
- [HABF-2231] - Assist systems with Tomcat 8 upgrade for HabITS5
- [HABF-2232] - Register Township Reference Layer
- [HABF-2241] - Toggle Focus Area Progress information
- [HABF-2242] - Stub out basic tooltips for Focus Areas so pages render properly
- [HABF-2243] - Publishing a Focus Area results in an error
- [HABF-2294] - Update Focus area Detail and Summary Report to use a Geom image instead of the map
- [HABF-2296] - Show text counter for Focus Area Narrative when the Focus Area is Active
- [HABF-2323] - Fix HabITS Unit tests
- [HABF-2371] - Deploy HabITS 5.10 to production
- [HABF-2378] - Regression test HabITS5 prior to the production release of 5.10.0
- [HABF-2379] - Add "Gulf Coast Restoration Initiative" to the FWS Initiatives list
- [HABF-2380] - Add "Working Lands for Wildlife" to the Initiatives

## Administrative task

- [HABF-2174] - Project Management - Occam, October 24
- [HABF-2187] - Project Management Task
- [HABF-2210] - Project Management - Occam November 21, 2016 Sprint

## Documentation

- [HABF-1809] - Analyze Focus Area data model and workflow
- [HABF-2104] - Create System Specifications Document for Focus Areas
- [HABF-2130] - Write technical implementation documentation for the map editor
- [HABF-2132] - Write requirements for selecting shapes from a reference layer
- [HABF-2134] - Grails Map Plugin How To: Quick Start
- [HABF-2135] - Grails Map Plugin How To: Add a domain layer
- [HABF-2136] - Grails Map Plugin How To: Add an ArcGIS Layer
- [HABF-2137] - Grails Map Plugin How To: Add geometry editing for a simple domain class
- [HABF-2138] - Grails Map Plugin How To: Control items in a context menu
- [HABF-2139] - Grails Map Plugin How To: Perform spatial validation
- [HABF-2140] - Grails Map Plugin How To: Persist geometry to a domain object when submitting
- [HABF-2141] - Grails Map Plugin How To: Configure the Tools Menu
- [HABF-2212] - Create System Specifications Document for Focus Areas
- [HABF-2321] - Come up with some new Logo ideas for HabITS5

## Story

- [HABF-851] - Update the process for saving Focus Area geometries so they recover from intersection errors
- [HABF-2083] - Improve performance of the species lists
- [HABF-2149] - Create Map Area (Reference Layer) Selection Tool
- [HABF-2150] - Augment Map Area Selection Tool w/ AGS Reference Layer awareness
- [HABF-2151] - (Optionally) Augment Map Area (Reference Layer) Selection Tool w/ Lasso (Circle) Shape
- [HABF-2162] - Augment Map Area Selection Tool w/ GeoJSON Reference Layer awareness

- [HABF-2175] - Augment Map Area (Reference Layer) Selection Tool w/ Sketch (Free Draw) Shape
- [HABF-2186] - Augment Map Area Selection Tool w/ AGS Tile Reference Layer awareness
- [HABF-2301] - Project Management - Occam December 19, 2016
- [HABF-2325] - Setup Specialty Reports

## Defect

- [HABF-2016] - Remove geometry, changing geometry type, reverting
- [HABF-2028] - Null pointer when editing a Project that (somehow) doesn't have a Mechanism
- [HABF-2054] - Selecting a complex geometry (from a shapefile) does not show context menu
- [HABF-2065] - Lazy initialization error for Accomplishments with Partners not in Mechanism (beta)
- [HABF-2082] - When reference layer image loading fails, context menu access and other event handling is compromised
- [HABF-2124] - Only show Geom edit messages for aspects while in Edit mode
- [HABF-2127] - Lada button spinners are cut off in their buttons
- [HABF-2176] - ECOS Home page hyperlinks do not work from the HabITS V5 Dashboard
- [HABF-2209] - Citations not sent to focus area save after initial creation
- [HABF-2228] - Focus Area search is showing incorrect number of Focus Areas per page.
- [HABF-2230] - Accomplishment search is showing incorrect number of Accomplishments per page.
- [HABF-2236] - Focus Area form should retain data after validation errors
- [HABF-2237] - Existing Citations are being deleted when no citations are added
- [HABF-2238] - Exception when publishing new Focus Area
- [HABF-2239] - Save Draft button doesn't appear when creating a new Focus Area until a citation is added
- [HABF-2244] - UAT - Issue with Remove geometry and re-add a new geometry does not save the new geometry
- [HABF-2250] - Species are not being saved -for benefitted habitats-
- [HABF-2255] - UAT - Searching issue with available species search
- [HABF-2256] - UAT - All Accomplishment geometry tools display after cutting a hole in a polygon
- [HABF-2257] - UAT - Unable to delete focus area Polygon
- [HABF-2258] - Fix Layers in the HabITS Maps
- [HABF-2265] - FIX FWS Refuges
- [HABF-2292] - The identify operation doesn't work for some layers
- [HABF-2295] - Focus Area form should retain data after coming back from the Map
- [HABF-2315] - Focus Area showing both Draw and Base layer for the editable shape.
- [HABF-2336] - Reference layer selection - Querying the related Accomplishment polygon layer does not return results
- [HABF-2337] - Querying some layers (SSURGO) never complete loading
- [HABF-2338] - Editing an Accomplishment geometry when there are active many-to-many relationships fails
- [HABF-2345] - Crop to Parent is missing from context menus
- [HABF-2346] - Context menu options of features from a shapefile requires Activation first
- [HABF-2384] - Apply a negative buffer on the Accomplishment geometry when retrieving Accomplishment Types