# Checklist for VECTO Release V 3.3.4.1686

### Preparing Release

|  |  |
| --- | --- |
| **Prepare VECTO Release** |  |
| Update Project Version: VectoCore/VersionNumber.t4; HashingTool Version.tt |  |
| Update License Header in Source Files |  |
| **Documentation updated** |  |
| Check for dead internal links in User Manual |  |
| New resp. changed features/models (Tickets, Commit-Messages) |  |
| New/removed input fields |  |
| Input Files (samples) |  |
| Parameter Documentation (XSD -> HTML) |  |
| **Update Changelog** |  |
| Version Number (HTML, PPT) |  |
| Date in Changelog (HTML, PPT) |  |
| Changelog in User Manual (HTML) |  |
| Changelog in Release Notes (PPT) |  |
| **Unit Tests** |  |
| VECTO Core Tests: 1770 / 1770 successful Names of not successful Tests: -- |  |
| VECTO Hashing Tests: 86 / 86 successful Names of not successful Tests: -- |  |
| VECTO UserBugs Tests:  85 / 85 successful Names of not successful Tests: -- |  |
| VECTO Auxiliaries Tests: 340 / 340 successful Names of not successful Tests: -- |  |
| Tests Notifications Article 10(2): 159 / 159 successful Ticket numbers of not successful Tests: -- |  |
| **Create Vecto Release** |  |
| Compile VECTO RELEASE: Build Script with DEPLOY Configuration |  |
| Build Type: Release Candiate |  |
| Compile User Manual |  |
| Create ZIP Archive |  |
| Extract ZIP Archive and run VECTO, quick check GUI, Release Notes, Help, Changelog |  |
| Check correct build type (GUI, Reports) |  |
| **Generic Vehicles simulate successful** |  |
| Open Declaration Job File: Class 2 |  |
| Save Declaration Vehicle, Engine, Gearbox, Job |  |
| Check Declaration Files didn’t change except Date |  |
| Declaration Mode: Class 2, exec. Time: 21, LH, Ref Load, FC final l/100km: 30.5968 |  |
| Declaration Mode: Class 5, exec. Time: 42, LH, Ref Load, FC final l/100km: 34.7437 |  |
| Open Engineering Job File: Class 2 |  |
| Save Engineering Vehicle, Engine, Gearbox, Job |  |
| Check Engineering Files didn’t change except Date |  |
| Engineering Mode: Class 2, exec. Time: 2, RD FC final l/100km: 20.7623 |  |
| Engineering Mode: Class 5, exec. Time: 4, LH FC final l/100km: 36.9241 |  |
| Engineering Mode: Class 9 + PTO, exec. Time: 0, FC final l/100km: 289.8551 |  |
| Engineering Mode: CityBus AT-S, exec. Time: 2, UD FC final l/100km: 21.13 |  |
| Engineering Mode: CityBus AT-P, exec. Time: 3, UD FC final l/100km: 21.6543 |  |
| Engineering Mode: InterurbanBus AAUX, exec. Time: 81, FC final l/100km: 42.2769 |  |
| Engineering Mode: Engine Only, exec. Time: 0, FC final g/h: 3441.5116 |  |
| VectoCMD: Declaration Class 2 works |  |
| Run XML jobs for all classes (Release Comparison Jobs) |  |
| Update Excel File with Release Comparison Jobs, generate comparison table |  |
| **VECTO Hashing Tool** |  |
| Hash Component File |  |
| Verify Hashed Component File |  |
| Verify VECTO Job File (sample XML file) |  |
| Verify VECTO Job, MRF, CIF (sample XML file) |  |
| **VECTO DEA Compatibility** |  |
| Check that latest release of VECTO DEA works with VECTO Release (Standalone App) |  |
| Incompatible -> new VECTO DEA Version! |  |
| **Maintain GIT Repository** |  |
| Commit changes (updated documentation, version numbering, release report) |  |
| Merge Development branch into Master Branch |  |
| Tag Release / Build with Version Number, push Tag to main repository |  |

### Publish Release

|  |  |
| --- | --- |
| SHA256 hash of ZIP archive  Algorithm Hash Path |  |
| SHA256 hash of VECTO \*.exe and \*.dll files  Algorithm Hash Path |  |
| Upload ZIP File to SVN |  |
| Upload |  |
| Generate source archive and upload source archive to SVN **git archive HEAD –o <filename\_SRC>.zip** |  |
| **Update Confluence WIKI** |  |
| Changelog |  |
| Download Links |  |
| SHA256 hash of ZIP archive |  |
| Comparison table fuel consumption (and maybe other comparisons),   incl. reasons for changes in FC |  |
| Release Report |  |
| Update Confluence Releases Table |  |
| Notify customers |  |
| Copy archive to project release folder |  |

### Released

Date

Person