# Checklist for VECTO Release V 3.3.9.2147-RC

### 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: 1802 / 1802 successful Names of not successful Tests: --- |  |
| VECTO Hashing Tests: 88 / 88 successful Names of not successful Tests: --- |  |
| VECTO UserBugs Tests:  100 / 100 successful Names of not successful Tests: --- |  |
| VECTO Auxiliaries Tests: 340 / 340 successful Names of not successful Tests: --- |  |
| Tests Notifications Article 10(2): 305 / 305 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: 9, LH, Ref Load, FC final l/100km: 30.5968 |  |
| Declaration Mode: Class 5, exec. Time: 13, 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: 1, RD FC final l/100km: 20.7626 |  |
| Engineering Mode: Class 5, exec. Time: 3, 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: 1, UD FC final l/100km: 21.1306 |  |
| Engineering Mode: CityBus AT-P, exec. Time: 2, UD FC final l/100km: 21.6529 |  |
| Engineering Mode: InterurbanBus AAUX, exec. Time: 39, FC final l/100km: 42.2772 |  |
| 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 85B9F80AB874EDB218CF9696E1EA261CBF30239263DDF50A78E0504EE07002F9 2020\_11\_17-VECTO-3.3.9.2147.zip |  |
| SHA256 hash of VECTO \*.exe and \*.dll files  Algorithm Hash Path  --------- ---- ----  SHA256 69AC7035E63D36AACABDEDAEBCE97D1DB2BB1AA072B547B7E55EF11FA8079A68 hashingcmd.exe  SHA256 22A986E81B7891052AE2063BC107787316A8C4CF670972ECFB470FEBED5A04A9 HashingTool.exe  SHA256 D892F999F8AC9697B8C2CCAF8AB0537E45B7CDF464FC2D69DEEA7543B8F27A36 VECTO.exe  SHA256 E23620032D244475461873FDA5DAAC295C6C334615B4DF68010692238F52DB3E vectocmd.exe  SHA256 0C0D0700231F31D347958E0B278E83172789F9F1469FAA769F8B91E5DB291EB0 AdvancedAuxiliaryInterfaces.dll  SHA256 D0005D4DD0A7AA926ADA97A5AD7289B600A544E25343003EC4007E94771C2E46 BusAuxiliaries.dll  SHA256 1796277A7AA9F2A9835C070D28FED44B3614CA221A2C1AFFC21A4C4E41194C3F Castle.Core.dll  SHA256 DF8EC2E0245829DDEC5B79F1918C3AE3A3FA540A5A0E3C410E2B6EF0BEBC7927 Newtonsoft.Json.dll  SHA256 01CC80A16323F56191596013EEF1DE7E43271D6F991F4740B1FCC5195D8AB5BD Ninject.dll  SHA256 DDF048DDAAA9B5D1D734CCA64E269E21465BD83E35F4FD2585AFB900AEF9FC9B Ninject.Extensions.Factory.dll  SHA256 E196C0B84FA16CA895565C0AB611715F0721425F5E73340EA183FFA049F7D79B NLog.dll  SHA256 9B7EB6DE62FF1E6A812FA47697FDB2ABCEAD85AA2554ABF12416FC569DD4462E Omu.ValueInjecter.dll  SHA256 4F5D3C464E309D07F263CB9D7E71D89CD59D53F3FA1261F1C4F388BEC7914B39 VectoAPI.dll  SHA256 276EB91164BA8776C603A8D71E4AFAB1FB228E86EC003378EDB7AD82C028C6AD VectoCommon.dll  SHA256 B26CA10D932B92E7DC3FBA4CC4255206FB33E5C277ECAD581914383C8E3EE139 VectoCore.dll  SHA256 266D20B0197F19FB98DDD5B0E7A4D23EBEB46FE8A25A27332DAA5AD2BB63AABA VectoHashing.dll |  |
| 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 |  |
| Update pending Article 10 Notifications issues |  |
| Notify customers |  |
| Copy archive to project release folder |  |

### Released

Date 17.11.2020

Person MQ